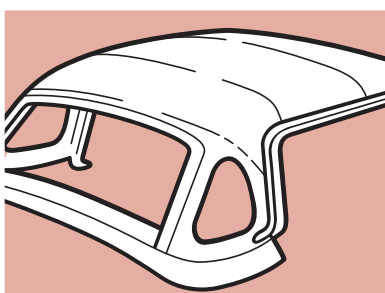
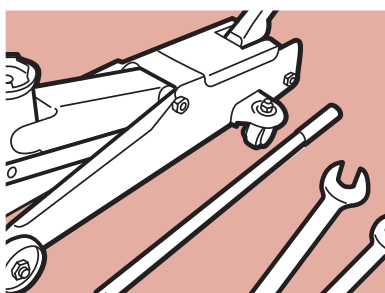
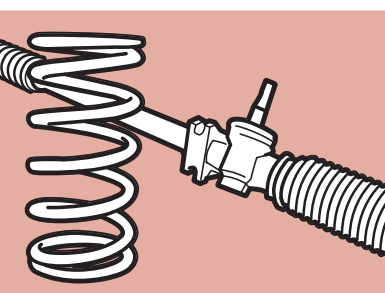
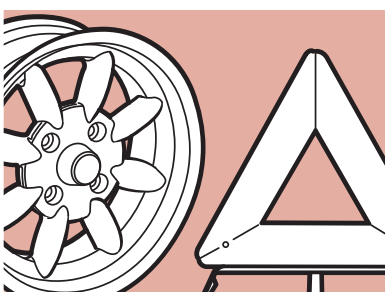
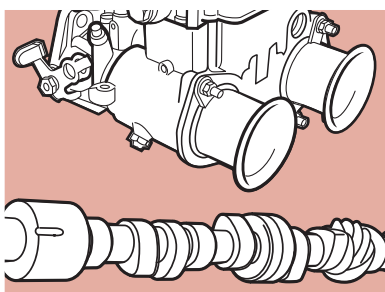
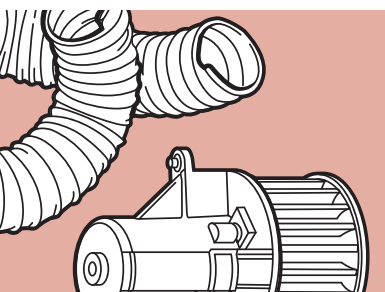
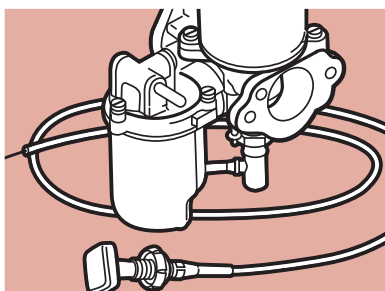
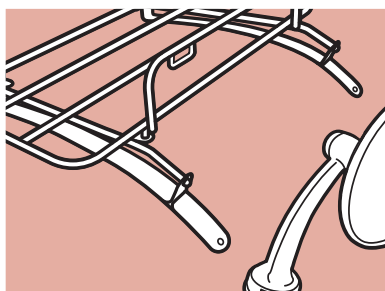
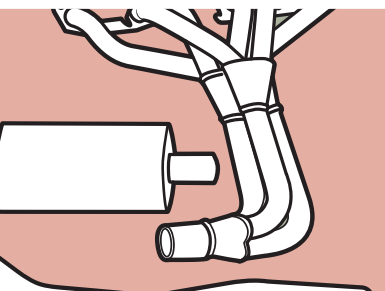
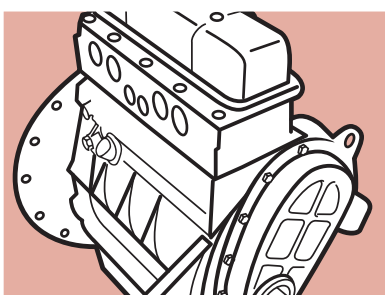
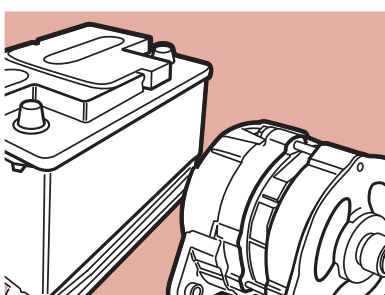
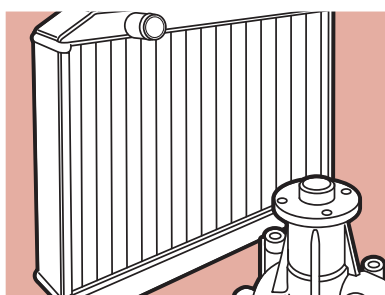
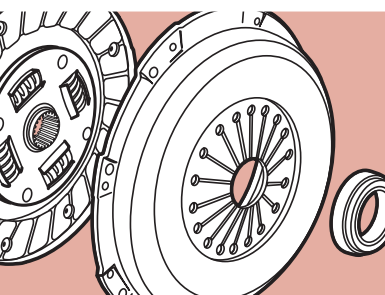
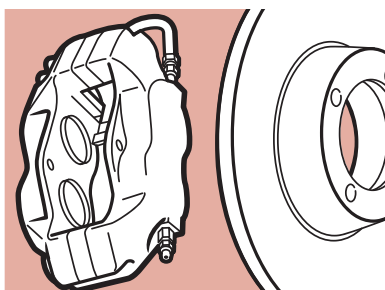
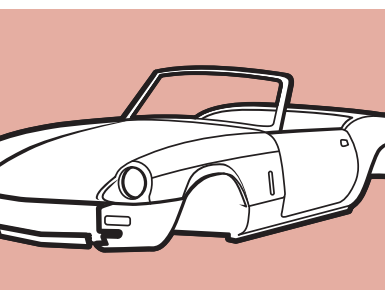


ISSUE 16

PARTS & ACCESSORIES FOR YOUR

SPITFIRE

including technical advice and detailed schematics



PARTS • ACCESSORIES • TOOLS



Moss has been supplying Classic Car parts to enthusiasts since 1948. We specialise in MG, Triumph, Austin-Healey, classic Mini, Jaguar, Morris, and Mazda MX-5 parts and accessories, and offer a wide range of tools and consumables. Benefitting from decades of experience, we are now one of the world's oldest and largest suppliers to owners of classic cars.

Today, our mission is to keep the great marques alive and well by supplying parts and accessories of the highest standard. We offer friendly, professional, and knowledgeable service, and hold a vast inventory of parts in stock, backed by fast, reliable delivery throughout Europe.

EU based customers can now shop with Moss in the EU without worrying about customs charges or import taxes, and can benefit from fast and reliable delivery sent from Moss Paris across the EU.

- ✓ No customs charges
- ✓ No import taxes
- ✓ EU to EU shipping
- ✓ EU based sales and customer service team
- ✓ English speaking staff



Moss fournit des pièces de voitures de collection aux passionnés depuis 1948. Nous sommes spécialisés dans les pièces et accessoires MG, Triumph, Austin-Healey, Mini classique, Jaguar, Morris et Mazda MX-5, et proposons une large gamme d'outils et de consommables. Forts de plusieurs décennies d'expérience, nous sommes de fait, l'un des plus anciens et des plus importants fournisseurs de propriétaires de voitures de collection au monde.

Aujourd'hui, notre mission est de maintenir les grandes marques en vie et en parfait état ce, en fournissant des pièces et des accessoires de la plus haute qualité. Nous offrons un service convivial, professionnel et compétent, et possédons une vaste gamme de pièces en stock, doublé d'une livraison rapide et fiable dans toute l'Europe.

Les clients basés au sein de l'UE peuvent désormais faire leurs achats chez Moss dans l'UE sans se soucier des frais de douane ou des taxes d'importation et peuvent bénéficier d'une livraison rapide et fiable expédiée depuis Moss Paris dans toute l'UE.

- ✓ Pas de frais de transitaires
- ✓ Pas de taxes d'importation
- ✓ Livraison de l'UE à l'UE
- ✓ Équipe de vente et de service à la clientèle basée dans l'UE
- ✓ Personnel parlant anglais



Moss versorgt Oldtimer-Liebhaber seit 1948 mit Einzelteilen für Ihre Klassiker und ist mit seiner jahrzehntelangen Erfahrung einer der ältesten und größten Anbieter für Kunden in diesem Segment. Zu unserem Repertoire zählen Autoteile und Zubehör für die Marken MG, Triumph, Austin-Healey, den klassischen Mini, Jaguar, Morris und den Mazda MX-5. Darüber hinaus bieten wir eine breite Palette an Werkzeugen und Verschleißteilen an.

Mit unserer Arbeit möchten wir die großen Marken am Leben erhalten und liefern hierzu die hochwertigsten Teile und Zubehörartikel. Unser umfassender Lagerbestand kann schnell und zuverlässig an verschiedene Orte in ganz Europa versandt werden. Unser freundlicher, professioneller und fachkundiger Kundenservice berät Sie gerne dazu.

Kunden aus der EU können nun dank EU-Versand über Moss Paris ganz sorgenfrei bei Moss bestellen, ohne Zollgebühren oder Importsteuern zu zahlen.

- ✓ Keine Zollgebühren
- ✓ Keine Importsteuern
- ✓ Versand innerhalb der EU
- ✓ Vertriebs- und Kundendienstbüro in der EU
- ✓ Englischsprachige Mitarbeiter



Moss fornisce parti per auto classiche agli appassionati dal 1948. Siamo specializzati in parti e accessori per MG, Triumph, Austin-Healey, Mini Classic, Jaguar, Morris e Mazda MX-5 e offriamo una vasta gamma di utensili e prodotti di consumo. Grazie all'esperienza decennale, ora siamo uno dei fornitori più vecchi e più grandi del mondo per i proprietari di auto classiche.

Oggi la nostra missione è mantenere vivi e in buone condizioni i grandi marchi, fornendo parti e accessori dello standard più elevato. Offriamo un servizio cordiale, professionale e competente e possediamo un vasto catalogo di parti in stock, supportato da un sistema di consegne veloce e affidabile in tutta Europa.

I clienti nell'UE ora possono acquistare da Moss nell'Unione Europea senza preoccuparsi di spese doganali o tasse di importazione e possono beneficiare della consegna veloce e affidabile da Moss Paris in tutta l'Unione.

- ✓ Niente spese doganali
- ✓ Niente tasse di importazione
- ✓ Spedizione in UE dall'UE
- ✓ Team di vendita e di assistenza clienti con sede in Europa
- ✓ Staff che parla la lingua inglese



Moss lleva suministrando piezas a los amantes de los deportivos clásicos desde 1948. Estamos especializados en piezas y accesorios de MG, Triumph, Austin-Healey, Mini clásico, Jaguar, Morris y Mazda MX-5, y ofrecemos una amplia variedad de herramientas y consumibles. Gracias a las décadas de experiencia acumuladas, ahora somos uno de los proveedores más antiguos y grandes del mundo para propietarios de coches clásicos.

Hoy nuestra misión es mantener vivas y presentes las grandes marcas suministrando piezas y accesorios de la más alta calidad. Ofrecemos un servicio cercano, experimentado y profesional, y poseemos un extenso inventario de piezas en stock que se ve respaldado por un servicio de entrega a toda Europa rápido y fiable.

Ahora, los clientes de la Unión Europea (UE) pueden adquirir los productos de Moss directamente desde su territorio, sin preocuparse por las tarifas aduaneras ni los aranceles, y beneficiarse así de un servicio de entrega rápido y fiable a toda la UE desde Moss París.

- ✓ Sin tarifas aduaneras
- ✓ Sin aranceles
- ✓ Envío de UE a UE
- ✓ Equipo comercial y de atención al cliente basado en la UE
- ✓ Le atendemos en inglés



A Moss tem vindo a fornecer peças de automóveis clássicos a entusiastas desde 1948. Especializamo-nos em peças e acessórios para MG, Triumph, Austin-Healey, Mini clássico, Jaguar, Morris e Mazda MX-5. Disponibilizamos também uma vasta gama de ferramentas e consumíveis. Com décadas de experiência, somos um dos maiores e mais antigos fornecedores de peças do mundo para proprietários de automóveis clássicos.

A nossa missão é manter as grandes marcas vivas e presentes, fornecendo peças e acessórios do mais alto nível. Oferecemos um serviço amigável, profissional e especializado, e mantemos um vasto inventário de peças em stock, apoiado por uma entrega rápida e fiável em toda a Europa.

Os clientes sediados na UE podem agora efetuar compras na Moss Paris sem preocupações relativas a taxas aduaneiras ou impostos de importação, beneficiando também de entregas rápidas e fiáveis com envio a partir de França.

- ✓ Sem taxas aduaneiras
- ✓ Sem impostos de importação
- ✓ Envio da UE para a UE
- ✓ Equipa de vendas e apoio ao cliente sediada na UE
- ✓ Funcionários que falam inglês

A

Aerials	A43
Aeroscreens.....	A24
Air filters	A20-21
Alternators	A12
Anti-drain filter conversion	A14
Anti-roll bars	A06
Armrests	A37

B

Badges	A39
Bar stools	A38
Batteries	A12
Battery cut-off switches	A12
Battery hold down kit	A13
Battery liner	A12
Beer glasses	A41
Body panels	A04
Bonnet locks	A31
Bonnet straps	A31
Books and manuals	A44
Boot racks	A24
Braided fuel pipes	A16
Brake calipers	A05
Brake discs	A05
Brake drums	A05
Brake hoses	A04
Brake pads	A05
Brake pipe kits	A04
Brake pressure valve	A05
Brake servo kit	A04
Breather filters	A21

C	
Cable lock.....	A25
Cam followers & push rods	A23
Camshafts.....	A23
Car covers.....	A25
Carb needles.....	A17
Carburettor heat shields	A17
Carburettors.....	A17-19
Carpets	A34
Centre lock conversion kits	A27
Classic Tracker	A41
Clutches	A15
Coil springs	A07
Con rod bolts.....	A21
Cooling Fan kits	A13
Crystal halogen headlamps.....	A29
Cup holder	A39
Cylinder heads	A22

D	
Damper springs	A17
Dashpot covers	A17
Decals	A24 & A39
Differential mounts	A15
Distributors	A11
Door locks	A31
Door mirrors	A30
Door panels	A36
DVDs	A44
Dynamat	A38
Dynator charging system	A12

E	
Earrings.....	A41
Embroidered patches.....	A39
Exhaust fitting kits.....	A08-09
Exhaust manifolds.....	A08-09
Exhaust systems	A08-09

F

Fibreglass body panels	A04
Flying helmet & goggles	A41
Fuel pipe kits	A16
Fuel pump	A16
Fuel pump blanking plate kit	A16
Fuel regulators	A16

G

Garage signs	A39
Gauges.....	A31
Gear knobs.....	A34
Gearbox conversion	A15
Gearbox tunnels.....	A04
Groser jets	A17

H

Hardtop storage	A25
Harness kits	A32
Head gaskets	A22
Headlamp peaks	A28
Headlamp relay kits	A29
Headlamp rims	A28
Headlamps	A28-29
Headrests	A35
Heat Shields	A20
Heater Tap Adaptor kit	A13
Hoods	A25
Horns	A24
HT leads	A11

Ignition lead numbering sets	A11
Ignition systems.....	A10-11
Inlet manifolds	A19

J
Jet conversion kits.....A18

K

K&N air filters	A20
Key fobs	A41
Knee pads	A37

L

Leaf springs.....	A07
Lightweight flywheels.....	A15
Limited slip differential	A15

M

Manifold insulation wrap	A08-09
Mirrors	A30
Mudflaps	A24

0
Oil cooler radiators and kits.....A14
Oil filter conversion.....A14
Oil thermostat and adaptors.....A14

Overmats.....	A37
Oversized shafts.....	A18
P	
Pertronix ignition systems.....	A10-11
Petrol caps.....	A24
Picnic blankets.....	A39
Piper air socks.....	A20

R	
Radiators.....	A13
Radios	A42
Ram pipes.....	A20
Rev limiters	A10
Reverse and fog lamps	A28
Rocker cover fittings.....	A21
Rocker covers	A21
Rocker oil feed kit	A14
Rocker shafts.....	A22
Roller rocker kits	A23

S

Seat belts	A32
Seat covers	A35
Silicone rocker cover gaskets	A21
Spark plugs and terminals	A11
Speakers	A43
Spin-on oil filter	A14
Sports coil	A10
Spot & fog lamps	A28
Spring spacers	A07
Starter motors	A12
Steering rack mounts	A06
Steering racks	A06
Steering wheel bosses	A33-34
Steering wheels	A33-34
Stone guards	A28
Sump	A15
Superpro bush kits	A06

T	
Telescopic conv. bracket kit.....	A07
Telescopic shock absorbers.....	A07
Threshold plates.....	A31
Throttle disc.....	A18
Throttle linkages.....	A18
Timing gears.....	A23
Tonneau.....	A25
Tool rolls.....	A38
Trim panel kits.....	A36
Tunnel cover.....	A37
Tyre valve caps.....	A24

U
Union flag..... A39

V
Valves and guides..... A22

W

Water heated inlet manifold	A17
Water pump housing	A13
Weber carbs	A19
Weber conversion kits	A19
Wheel arch panels	A37

Wheel nuts.....	A26
Wheel spacers.....	A26
Wheel trims.....	A26
Wheels.....	A26-27
Wing covers.....	A41
Wing mirrors.....	A30
Wire wheels.....	A27
Workshop apron.....	A38

Sections

Performance A04

Exterior A24

Interior A31

Personal A38

BLACK & WHITE Restoration Sections

Restoration
Parts 01

Ordering Information 188



SPITFIRE FIBREGLASS PANELS

This range of products are made from good quality fire retardant fibreglass to original patterns. The stocked range is all in road weight specification.

Spitfire MkIV-1500 bonnet	TT74071
GT6 MkIII bonnet (will fit Spitfire MkIV-1500)	TT7407
Spitfire MkI-III and GT6 I-II GRP front valance	TT7302
Spitfire MkIV-1500 front 1/4 valance RH	TT7404
Spitfire MkIV-1500 front 1/4 valance LH	TT7403
Spitfire MkIV-1500 front spoiler	GLZ608FG
Spitfire MkIV-1500 boot lid	TT7413



XKC1673SAP



713569GS

PLASTIC AND FIBREGLASS GEARBOX TUNNELS

Replace that rotten old gearbox tunnel and keep fumes and noise out with a moulded polyethylene plastic or fibreglass version. Fit with seal kit 713569GS.

Spitfire gearbox tunnel GRP	TT7325
Spitfire gearbox tunnel plastic	XKC1673SAP
GT6 & Vitesse gearbox tunnel GRP	TT7725
GT6 & Vitesse gearbox tunnel plastic	709862SAP
Gearbox tunnel fitting kit (all models)	XKC1673FK
Gearbox tunnel seal kit (all models)	713569GS
Herald gearbox tunnel plastic	708505SAP



TT3949

REMOTE BRAKE SERVO KIT

For those who find the brake pedal rather hard after driving more modern vehicles, these remote servo kits make braking easier by reducing pedal effort. Suitable for all single line brake circuits they are remote mounted and easily plumbed into the hydraulic and vacuum systems of the car. We offer both a Lockheed and aftermarket kit, both are supplied with mounting brackets and hardware.

Remote brake servo kit Lockheed	TT3949
Remote brake servo kit aftermarket	TT3949Z



COPPER BRAKE PIPE KITS

These non-rust, copper brake pipe sets are ready assembled with brass end fittings. The pipes are pliable for easy installation.

Spitfire MkI-III RHD	HGB6221
Spitfire MkI-III LHD	HGB6221L
Spitfire MkIV-1500 single line RHD	HGB6222
Spitfire MkIV-1500 single line LHD	HGB6222L
Spitfire 1500 tandem to FH80000 RHD	HGB6241
Spitfire 1500 tandem to FH80000 LHD	HGB6241L
Spitfire 1500 tandem FH80000 on RHD	HGB6226
Spitfire 1500 tandem FH80000 on LHD	HGB6226L

GT6 MkI non roto RHD	HGB6223
GT6 MkI non roto LHD	HGB6223L
GT6 MkII-III roto RHD	HGB6224
GT6 MkII-III roto LHD	HGB6224L
GT6 MkII-III non roto RHD	HGB6225
GT6 MkII-III non roto LHD	HGB6225L



BRAIDED BRAKE HOSES

These steel braided hoses not only look great, but because they don't swell under pressure, they give a much firmer feel to the brake pedal.

Spitfire MkI-IV* front (pair)	TT3340
Spitfire MkI-IV* rear (pair)	TT3342
(*Also fits Herald, GT6 Mk1 & Vitesse MkI).	
Spitfire MkIV-1500 & GT6 MkIII front (pair)	TT3340
Spitfire MkIV-1500 & GT6 MkIII rear (pair)	TT3442
GT6 & Vitesse rotoflex front (pair)	TT3340
GT6 & Vitesse rotoflex rear (pair)	TT3742



STAINLESS STEEL BRAIDED BRAKE HOSES

These race inspired steel braided brake hoses look great, and because they don't swell under pressure, they provide a much firmer feel to the brake pedal.

Spitfire MkI-IV	
Stainless braided hoses, black	GBL302190
Stainless braided hoses, clear	GBL302120

Spitfire 1500	
Stainless braided hoses, black	GBL322190
Stainless braided hoses, clear	GBL322120

TT3450G

EBC
BRAKES

EBC BRAKE PAD SETS

EBC brake products are renowned for their high quality and excellent performance. All grades of brake pad use Kevlar as the binding material rather than the traditional steel, this prevents the build up of corrosive brake dust that can damage alloy wheels.

We stock the standard replacement Ultimex and uprated Greenstuff pads. EBC Ultimex pads use EBC's Kevlar-based material for standard replacement brake pads.

GT6 MkI-II & Vitesse Ultimex pad set (imperial) TT31501KV
GT6 MkIII & Vitesse Ultimex pad set (metric)..... TT32501KV

EBC Greenstuff brake pads are a high efficiency upgrade pad which will increase your car's stopping power by 20% over standard replacement pads. Tested in rally cars, these pads are high friction, fade resistant with immediate pedal response.

The Kevlar based formulation is guaranteed to meet or exceed performance of all original equipment pads with strong progressive braking, reduction of dust on wheels and fantastic wear life.

Spitfire MkI-II Greenstuff pad set TT3350G
Spitfire MkIII-1500 Greenstuff pad set TT3450G
GT6 MkI-II & Vitesse Greenstuff pad set (imperial) TT31501G
GT6 MkIII & Vitesse Greenstuff pad set (metric)..... TT32501G



BRAKE CALIPERS

We have recently re-tooled to produce these high quality new Spitfire calipers, supplied complete with pistons and seals and ready to fit. They are sold outright.

Spitfire MkIII-1500 brake caliper RH 159130
Spitfire MkIII-1500 brake caliper LH 159131



ADJUSTABLE BRAKE PRESSURE BALANCE VALVE

Competition cars quite often need to finely adjust - from inside the car, the braking bias between front & rear brakes. Here we offer an adjustable brake pressure valve which reduces the supply to the rear brakes after attaining a preset pressure, this may prove necessary when uprated rear shoes are fitted to avoid premature locking of the rear wheels but, will depend upon the choice of front pads and the wheel/tyre combination.

Adjustable brake pressure balance valve TT3954



BCC105

BCC BRAKE CALIPER SET

These calipers from BCC are machined from Aerospace grade aluminium for strength and durability, with the pistons made from 303 stainless steel to prevent corrosion and ensure a long life of faultless operation. Each BCC caliper kit contains a pair of BCC 4 pot calipers anodised in black, EBC Ultimex brake pads (including pins, clips and springs), bleed nipples, bridge and feed pipes. Each kit is a simple bolt-on installation requiring no permanent modification to the vehicle and is completely reversible.

BCC brake caliper set, front, Spitfire MkIII-1500, Herald 1200-13/60 .BCC105
BCC brake caliper set, front, GT6 & Vitesse 2L BCC104
EBC brake pad set, replacement, Greenstuff BCC202G
EBC brake pad set, replacement, Ultimex BCC202KV



UPDATED CROSS-DRILLED BRAKE DISCS

Our cross-drilled discs are suitable for standard 2-pot calipers. They run considerably cooler than standard discs because they dissipate heat quicker than the solid versions.

As they give more consistent braking under all conditions, they are ideal for really hard driving or competition use. These discs will work well with uprated pads.

Spitfire (all models) cross-drilled brake discs (pair) DBD106



ALFIN STYLE BRAKE DRUMS

These brake drums are reproductions of the rare Alfin drum. Featuring radial fins they not only look good, but will help to reduce brake fade under heavy braking.

Spitfire/Herald radial finned brake drum (each) GAC6030X

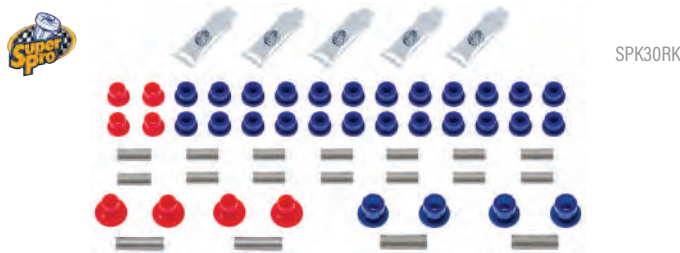


UPRATED SUSPENSION BUSHES

The first stage in improving your suspension is to check all your bushes - there's no point buying springs and dampers if the bushes are worn out. These suspension bushes improve the handling by reducing the amount of unwanted flex in the standard type of bush, leaving the suspension to move in the direction intended by the designers.

Polyurethane is the best solution for road use. It gives improved location without having a detrimental effect on noise levels or a harsh ride. Added advantages are improved longevity and unlike rubber it is not affected by ultra violet light, water, salt, oil or petrol.

The Superpro bushes come with a steel sleeve and grease where necessary and are available either individually, as either front or rear sets or as a complete car set.



SUPERPRO POLYURETHANE BUSH KITS

Save money and buy a Superpro bush kit for your car. Available as a complete car kit, front, rear or running gear kits. For vehicles with standard/original suspension layout.

Spitfire MkI-III car bush kit.....	SPK30CK
Spitfire MkI-III running bush kit.....	SPK30RK
Spitfire MkI-III front bush kit.....	SPK30CF
Spitfire MkI-III rear bush kit.....	SPK30CR
Spitfire MkIV-1500 car bush kit.....	SPK32CR
Spitfire MkIV-1500 running bush kit.....	SPK32RK
Spitfire MkIV-1500 front bush kit.....	SPK32CF
Spitfire MkIV-1500 rear bush kit.....	SPK32CR



UPRATED RACK MOUNTS

The rubber steering rack mounts work well by insulating the steering wheel from some of the road's imperfections. However, they allow rack float which is not desirable in modified or competition cars. Also, the rubber can deteriorate leading to an MOT failure. Our solid rack mounting kits produce a positive location of the steering rack, without any float. This is particularly desirable in competition cars as it provides direct control for more precise steering. The SuperPro polyurethane bushes use the standard mounting brackets and hardware but give a good compromise between insulation and rack location. We recommend these for all road modified cars.

Alloy rack mount kit.....	TT3255
Superpro poly rack mount (each).....	TT3456



ANTI-ROLL BAR KITS

The standard front anti-roll bar will need uprating when the engine and suspension are modified. The front anti-roll bar is supplied separately, we suggest you also replace the fittings and bushes. We have a range of larger diameter bars available which reduce the amount of body roll when cornering and helps to keep the inner front wheel in contact with the road. Always replace bushes when fitting uprated anti-roll bars.

Spitfire front 7/8" anti-roll bar kit.....	217033
Spitfire front 1" anti-roll bar kit.....	TT3485
U-bolt for anti-roll bar.....	155307
Bracket for anti-roll bar.....	155308
Rubber bush for 7/8" anti-roll bar.....	155310
Poly bush kit for 7/8" anti-roll bar.....	155310SPK
Poly bush for 1" anti-roll bar.....	TT3464
Poly bush kit for 1" anti-roll bar.....	TT3464K



HIGH RATIO 'QUICK' STEERING RACKS

Our high ratio 'quick' steering rack assemblies give lock-to-lock in 2.6 turns compared to the standard 3.5 turns, providing quicker 'turn-in' on the bends for a more responsive feel.

The high ratio rack & pinion are assembled into a sealed for life standard configuration rack assembly for use with standard rubber, polyurethane or solid rack mounts.

The racks are for street use, not racing; modern suspensions and wide sticky tiers generate forces the original Triumph design simply was not designed for, even with the improvements of modern manufacturing.

Please Note: These assemblies are factory lubricated with lithium grease (not oil as per the originals). They are sealed, and are not meant to be re-lubricated.

Quick rack RHD.....	305932HR
Quick rack LHD.....	305931HR



UPRATED FRONT COIL SPRINGS

After fitting an uprated anti-roll bar and better dampers the next stage of suspension tuning is to improve the springs. We offer a range of different specification springs to allow you to tailor your car's set up to suit your requirements.

We now offer our range of coil road springs in a new modern specification material, silicon chrome steel. This material is used in many current production cars and is lighter than the original chrome vanadium steel, which will help reduce the 'un-sprung' weight, ideal for fast road & competition cars. These new springs are only supplied in matched pairs.



LEAF SPRINGS

Once the front suspension is set up, it is worth fitting a negative camber rear spring to improve rear end stability. Our leaf springs are supplied with new eye bushes and are set to give 1-3° negative camber. Negative camber gives improved road holding and a lower ride height. The lowered measurements are approximately 1" but vary from car-to-car.

MkI-III leaf spring negative camberTT4313N
MkIV-1500 leaf spring negative camberTT4413N



SPRING SPACERS

These spring spacers allow for simple adjustment of ride height when lowered springs are used. Two types are available either fitting between the upper spring plate and chassis or below the spring onto the shock absorber plate. They can be used for Spitfire and GT6, Herald and Vitesse models.

Front spring spacer 3/8" above plateTT4404
Front spring spacer 7/8" below springTT4405
Front spring spacer 1" below springTT4406
Rear lowering block, 1/2"TT4416
Rear lowering block, 3/4"TT4417
Rear lowering block, 1"TT4418



TELESCOPIC CONVERSION BRACKET KIT

If your car has lever arm dampers fitted you will need one of these bracket kits to enable the fitment of telescopic shock absorbers. These specially designed brackets mount rear dampers to the chassis while clearing rotoflex couplings, on the GT6 it improves the damper angle allowing it to work better giving better ride and handling. When combined with the shortened dampers they allow full suspension movement on lowered cars.

Rotoflex conversion bracket kitTT3618
Spax shortened shock absorber (pair)TT3611PR

Spitfire & Herald

Application	Spring rate	Fitted length"	Part No.
Road/slightly lowered	330lbs	7.25"	TT4301PR
Road/lowered	330lbs	6.88"	TT4302PR
Road/sprint	480lbs	7.00"	TT4407PR

GT6 & Vitesse

Application	Spring rate	Fitted length"	Part No.
Road/standard	220lbs	8.10"	212425PR
Road/lowered	330lbs	7.00"	TT4701PR

Note: These recommendations are meant as a guide to setting up your car, in general terms these recommendations will work for most road and fast road applications. If you have particular race requirements please contact our technical department. Fitted lengths are detailed as a guide and may vary car-to-car.

Note: Springs will sit slightly lower on Herald and Vitesse models due to increased body weight, spacers may be needed, see below left.



TELESCOPIC SHOCK ABSORBERS

The next step to improving the handling of your car is to fit good quality adjustable shock absorbers. Spax dampers will give excellent service on all models, plus, they have the ability for the adjustments to be made on the car. We also offer a Spax adjustable height front damper ideal for race, kit and special builds. Koni adjustable dampers are renowned for their quality and reliability. The adjustments must be made with the units off the car. Gaz dampers feature on-car adjustment, double lipped piston seals and zinc plated bodies.

All of the adjustable dampers have a two year warranty, the zero setting is equivalent to the standard setting, 3-4 clicks is ideal for fast road use. For Vitesse MkII models with Rotoflex rear suspension you will need to use our telescopic damper conversion brackets. Shock absorbers should always be replaced in pairs

Front shock absorbers (all models)

Spax shock absorber (pair)TT3301PR
Koni shock absorber (pair)TT3302PR
Gaz shock absorber (each)TT3303
Spax shock absorber height adjustable (pair)TT3306PR
Gaz shock absorber height adjustable (each)TT3307

Rear shock absorbers (Spitfire, GT6 & Vitesse non-rotoflex)

Koni shock absorber, non-rotoflex (pair)TT3312PR
Spax shock absorber, non-rotoflex (pair)TT3311PR
Gaz shock absorber, non-rotoflex (each)TT3313

Rear shock absorbers

Spax shock absorber, rotoflex (pair)TT3711PR
Gaz shock absorber, rotoflex (each)TT3713



BELL STAINLESS STEEL EXHAUST SYSTEMS

Bell exhausts are 100% stainless steel and a direct replacement for your standard mild steel system. Ideal if you're looking to keep your Spitfire, Herald, GT6 or Vitesse "original" but want a long lasting, beautifully built exhaust system. Also now available as parts if your not needing to replace the complete system. Please see our website for our full range of Bell exhaust systems and parts for your vehicle, or call our sales team for more information.

Please note: Whilst it is a complete exhaust system, the manifold is not included as this system will fit with the standard manifold.

Spitfire MkI s/steel exhaust system	862-135
Spitfire MkII s/steel exhaust system	862-136
Spitfire MkIII s/steel exhaust system	862-137
Spitfire MkIV s/steel exhaust system	862-138
Spitfire 1500 s/steel exhaust system	862-139

Spitfire MkI exhaust fitting kit	GFK6600X
Spitfire MkII exhaust fitting kit	GFK6610X
Spitfire MkIII exhaust fitting kit	GFK6620X
Spitfire MkIV exhaust fitting kit	GFK6630X
Spitfire 1500 exhaust fitting kit	GFK6640X



BELL STAINLESS STEEL EXTRACTOR MANIFOLDS

Extractor manifolds are designed to help the air exit the engine as quickly, efficiently and balanced as possible. Standard exhaust manifolds have a tendency to create back pressure, resulting in lower fuel economy, power, and, less noise. Bells extractor manifolds have been designed with all this in mind, and coupled with their sports exhaust system, the differences are noticeable, especially when used as a supporting modification for higher power engine builds. Built from 100% stainless steel, these beautifully built extractor manifolds will also help tidy up the engine bay.

Spitfire MkI-II s/steel extractor manifold	862-220
Spitfire MkIII-1500 s/steel extractor manifold	862-221



BELL STAINLESS STEEL SPORTS EXHAUST SYSTEMS

These Bell sports exhausts are 100% stainless with a larger bore and better flow than the standard exhaust system, they have a great sound and help the engine to breath considerably better.

Please note: Whilst it is a complete exhaust system, the manifold is not included and will need to be purchased separately. A bell stainless steel link pipe is also required to fit the extractor manifolds to the sports exhaust system.

Spitfire MkI s/steel sports exhaust system	862-210
Spitfire MkII-1500 s/steel sports exhaust system	862-211
Spitfire MkI-1500 exhaust fitting kit	GFK6650X

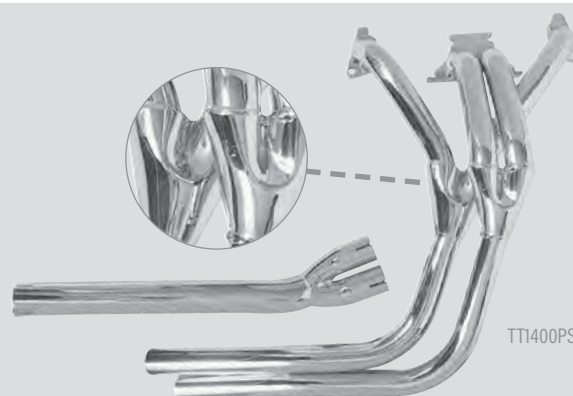
GT6 MkI s/steel sports exhaust system	BSGT61S
GT6 MkI exhaust fitting kit	GFK6650X
GT6 MkII-III s/steel sports exhaust system	BSGT623S
GT6 MkII-III exhaust fitting kit	GFK6660X



BELL STAINLESS STEEL EXHAUST LINK PIPES

These link pipes are required when fitting a Bell extractor manifold to your Spitfire. Please note: MkI-II link pipes will not fit the MkIII onwards link pipes and vice-versa, please ensure you order the correct pipe for your model.

Spitfire MkI-II s/steel link pipe	BSTH64B
Spitfire MkIII-1500 s/steel link pipe	BSTH290



SPITFIRE AND HERALD 1300-1500CC MANIFOLDS

This manifold is a 4-2-1 design available in either mild or highly polished stainless steel. This manifold fits directly onto the Twin GT exhaust systems or can be fitted to standard systems using adaptor sleeve BST018.

Spitfire & Herald mild steel manifold	TT1400
Spitfire & Herald polished stainless manifold	TT1400PS
Adaptor pipe manifold to standard system	BST018

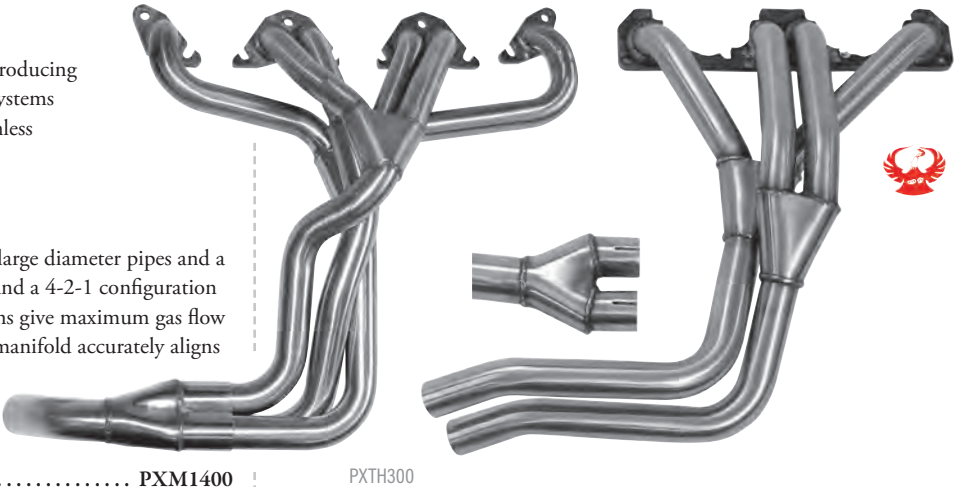
PHOENIX PERFORMANCE EXHAUSTS

Phoenix are renowned in the Triumph world for producing high quality exhausts systems. All manifolds and systems are manufactured from high grade (type 304) stainless steel throughout and pipe work is mandrel bent.

PHOENIX MANIFOLDS

These manifolds from Phoenix, are designed with large diameter pipes and a 6-3-1 configuration for the six cylinder manifold and a 4-2-1 configuration for the four cylinder manifold. These configurations give maximum gas flow across a wide power band. The flanges ensure the manifold accurately aligns to the cylinder head. Both manifolds are designed to be compatible with either the big bore single box or twin box system.

- Spitfire MkIII-1500 fast road manifold..... PXM1400
 GT6 MkII-III fast road manifold..... PXTH300



PHOENIX TWIN BOX SYSTEM

This classic looking twin box system offers improved gas flow and a sporty exhaust note! Also with satin finished pipe work, silencers and polished tail pipes.

- Spitfire MkIII-1500 and GT6 MkII-III.....PXS5420
 (System contains; front link pipe, Y link pipe and rear silencers).
 Fitting kit.....TT5420FK



PHOENIX BIG BORE SINGLE BOX SYSTEM

This big bore system offers fast road performance with a single sports rear silencer exiting the right-hand side of the car. With satin finished pipe work and silencers, polished tail pipe and a great exhaust note!

- Spitfire MkIII-1500 and GT6 MkII-III.....PXS5401
 (System contains: link pipes and rear silencer).

MANIFOLD INSULATION WRAP

Wrapping a tubular manifold will keep engine bay heat to a minimum, reducing temperatures by up to 70%. Manifold wrap is supplied in rolls in a variety of sizes. Use Snap Straps to hold the wrap in position.



Roll size (w x l)	Natural	Black
1" x 15' roll.....	GAC150	GAC151
2" x 15' roll.....	GAC152	GAC153
1" x 50' roll.....	GAC154	GAC155
2" x 50' roll.....	GAC156	GAC157

Snap Straps

Use Snap Straps to hold the wrap or blanket in position.

- Snap Strap kit 8 x 9" and 4 x 18" lengthsGAC172
 Snap Strap kit 6 x 9" and 4 x 18" lengthsGAC173
 Snap Strap kit 12 x 9" lengths.....GAC174
 Snap Strap kit 6 x 18" lengths.....GAC175
 Snap Strap kit 4 x 14" lengths.....GAC176



Lumenition



CEK150

LUMENITION IGNITION

Lumenition electronic ignition kits are well known as being among the finest after-market electronic ignition systems available. This system basically replaces both the contact points and condenser with an optical switch and power module.

The power module is an electronic device that receives a pulse from the optical trigger which switches the coil. The trigger eliminates contact bounce, arcing, mechanical wear and spark scatter, reducing maintenance and increasing reliability. With minimal wiring and modifications this kit is very discreet.

Note: Installation of a power module requires a distributor fitting kit.

A performance ignition kit is available, it includes a power module and a high output coil. The microcircuit control of the coil current gives optimum performance across high engine speed ensuring maximum spark energy at the coil. A fitting kit, to suit the distributor application, is also required. Positive earth wiring instructions are available from your branch. Please check your distributor type before ordering the fitting kit as many cars have non-original distributors fitted. The identification number is cast on the distributor body.

Performance ignition kit

Supplied with high energy coil and performance power module.

Performance ignition kit CEK150
Coil replacement for CEK150 CEC

Power module and performance ignition coil

Power module PMA50
Performance ignition coil MegaSpark 4 LMS4

Mounting bracket

Designed to mount the power module neatly using coil bracket screws.
Suitable for all power modules.

Power module mounting bracket MK006

Fitting kits

Use these fitting kits with your choice of ignition kit.

Lucas 22D4 25D4 distributors LFK116
Lucas 45D4 distributors LFK117
AC Delco D202 D204 4 and 6 cylinder LFK317



RL5

TT2987

REV LIMITERS

These rev limiters could save you from an expensive bill. Designed to allow full use of power up to maximum revs, where they will not exceed the preset limit. They work by progressively miss-timing the spark preventing an increase in engine speed from over revving due to missed gears or over exuberance.

SmoothCut rev limiter 4 cylinder preset 6000rpm TT2987
SmoothCut rev limiter adjustable limit RL5

PERTRONIX



222-435

PERTRONIX IGNITION

Ignitor I

These completely self-contained electronic ignition units offer a simple alternative to traditional points and condenser arrangement. They are easy to install with no external control boxes to mount and only two wires to hook up and no permanent modifications involved. The unit uses a sealed Hall Effect sensor that is impervious to dirt, dust, moisture, or vibration, and retains standard advance curve. Unaffected by distributor shaft wear, maintains firing accuracy to within 1/4 degree, reduces spark scatter over the full rpm range. One year warranty.

Pertronix ignition Lucas 45D4 -VE earth 222-435
Pertronix ignition Delco 4 cylinder -VE earth 222-485
Pertronix ignition Delco D204 6 cylinder -VE earth 222-486
Pertronix ignition Delco DU200 6 cylinder -VE earth 222-487

Ignitor II

The Ignitor II has many of the same great features that the Ignitor has, but even more. The Ignitor II units sense the coil current level and use a powerful micro controller to adjust the dwell. Variable dwell helps to maintain peak energy throughout the entire RPM range. Ignitor II systems develop significantly more energy between 3000 and 5000 RPM than standard ignition systems. Built in reverse polarity and over current protection shuts down the system, preventing component damage. One year warranty.

Pertronix ignition Lucas 45D4 -VE earth 143-323
Pertronix ignition Delco 4 cylinder -VE earth 143-324
Pertronix ignition Delco D204 6 cylinder -VE earth 143-325

GCL1110



TT2982

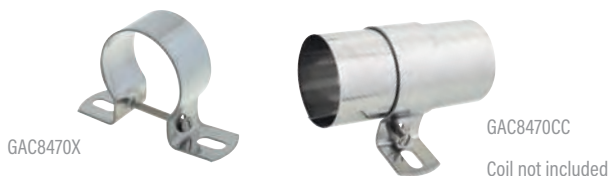
TT2981

SPORTS COIL

Sports coils are designed to improve ignition performance. They give more reliable starting power and greater performance at high rev's thanks to the 40,000 volt output.

Don't forget to renew your plugs and leads to optimise the power. Only use the ballast type coil if your car is fitted with a ballast resistor in the wiring. Please check before ordering. Your HT lead into the coil will need to be the push-in type, use GCL1110 to convert the lead.

Sports coil non-ballast type TT2981
Sports coil ballast type TT2982
Ignition lead end kit GCL1110



GAC8470X

GAC8470CC

Coil not included

STAINLESS STEEL COIL CLAMP AND COVER

Brighten up your engine bay with our coil clamp and covers for standard coils only.

Stainless steel coil clamp only GAC8470X
Stainless steel coil clamp and coil cover set GAC8470CC



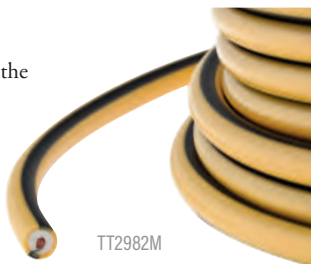
COBALT SILICONE HT LEAD SETS

Designed to perform, silicone leads transmit greater energy to the spark plug creating a stronger spark and the silicone insulation is able to withstand much higher temperatures, improving reliability.

6 cylinder ignition lead set, Cobalt, silicone.....	172-010
4 cylinder ignition lead set, Cobalt, silicone.....	172-040

COMPETITION HT LEAD

If you want a performance HT lead with the correct period look then this 'bumblebee' lead is a must. As per the original 'Lucas' type it features a high conductivity copper core with a yellow insulator featuring a black stripe. Alternatively, use the standard black lead for an 'OE' look. We recommend you assemble leads with NGK suppressed plug caps.



Bumblebee HT lead (per metre).....	TT2982M
HT lead (per metre) - black.....	AAA5981M



IGNITION LEAD NUMBERING SET

Keep track of which ignition lead is which with a set of useful numbered sleeves.

4 cylinder ignition lead numbering set.....	CRST255
6 cylinder ignition lead numbering set.....	171-640



NGK SPARK PLUGS AND PLUG CAPS

Now your ignition system is working at it's best, it is time to fit the right plugs.

1147cc (4 cylinder) standard plug (each).....	BP6HS
1147cc (4 cylinder) fast road plug (each).....	BP7HS
4-6 cylinder* standard plug (each).....	BP6ES
4-6 cylinder* fast road plug (each).....	BP7ES
4-6 cylinder* platinum competition plug (each).....	BPR7EIX
(*1300-1500cc 4 cylinder and all 6 cylinder).	

Plug caps and ignition lead terminals

Waterproof NGK plug caps in a choice of three different angles to suit various applications and a HT terminal kit to fit push-in coils and distributor caps.

Straight plug cap, red (each).....	NSB5
Straight plug cap, black (each).....	NSB5BLK
60° plug cap, red (each).....	NYB5
60° plug cap, black (each).....	NYB5BLK
90° plug cap, red (each).....	NLB5
90° plug cap, black (each).....	NLB5BLK
Ignition lead end kit (each).....	GCL1110



CSI-IGNITION DISTRIBUTORS

CSI-Ignition distributors offer a fully electronic ignition system built into the correct type of Lucas distributor housing to suit your car, keeping the original appearance in the engine bay. You can only tell the difference when you remove the distributor cap!

Gone are the points and condenser and mechanical advance mechanism, all replaced with a high quality electronic ignition system manufactured using military specification components for durability and reliability. These distributors are maintenance free (no points to adjust), and offer the benefits of, easier starting & smoother running, more torque & power, reduced fuel consumption & emissions. They also eliminate the weaknesses of mechanical timing advance and problems such as points bounce ensuring correct ignition timing throughout the rev range.

Each CSI-Ignition distributor features 16 easily switchable, optimised ignition curves to allow timing adjustment to suit your car's engine and fuel specifications. Alternative advance curves can be selected to suit your engine's state of tune making them ideal for modified engines. Curves are easily selected using a screwdriver in a rotary switch, with a bright flashing LED indicator to show the selected curve all concealed underneath the distributor cap. The distributors are also available with an electronic immobiliser system to prevent unwanted starting of the engine.

Installation is straightforward. As the CSI-Ignition distributor uses the correct type of distributor body for the application it is a direct swap. Full instructions and ignition curve selection guidance is included.

We offer a range of CSI-Ignition distributors for various applications. They are available Optimised with vacuum advance to suit road or uprated cars running on SU carburettors, or Tuned without vacuum advance for cars running Weber type carburettors. Please note: Some units may only be available To Order. More details are available on our website just search for CSI-Ignition Distributor. Only available to replace Lucas distributors with electronic tachos. It may be possible to convert from Delco to use CSI-Ignition distributors, please call Moss London for more details.

Distributor for 4 Cylinder models - 1500 with Lucas distributors

Optimised 45D4.....	CSD3214581
Tuned 43D4.....	CSD3223581
Optimised with immobiliser 45D4.....	CSD3214681
Tuned with immobiliser 43D4.....	CSD3223681

Distributor for 6 Cylinder models - with Lucas distributors

Optimised 25D6.....	CSD1314581
Tuned 23D6.....	CSD1323581
Optimised with immobiliser 23D6.....	CSD1314681
Tuned with immobiliser 23D6.....	CSD1323681

CSI-Ignition distributors require a coil with minimum resistance of 2.5 ohms. We recommend using our sports coil TT2981 3 ohms. Bypass the ballast resistor if fitted.

Sport coil (3 ohms).....	TT2981
--------------------------	--------

BATTERY CUT-OFF SWITCHES

Battery cut-off switches are a good idea for all cars. Fitting one enables you to quickly isolate the battery and immobilise the car; ideal when working on your car, or if you intend to put your car into storage. Use with a battery conditioner, see our website or our Restoration Tools catalogue.



Battery mounted cut-off switches

These cut-off switches simply mount to the battery post and feature a screw-in knob to break the circuit. Available with a bypass fuse to allow sufficient current to pass to operate clocks, alarms and coded radios, but if any attempt is made to start the car the fuse will blow.

- Battery mounted cut-off switch..... GAC3192X
- Battery mounted cut-off switch with bypass fuse.....GAC31921



In-line cut-off switches

These cut off switches need to be fitted into the main battery to starter cable. The body of the switch should be mounted securely to the car and cables fitted using the terminal kit.

Battery cut-off switches are obligatory for competition cars and should be fitted with a cable for remote access.

- Period battery cut-off switch 1B2804
- Battery cut-off switchTT7964
- Battery cut-off switch race spec FIA approved..... TT7962
- Remote cable 6 foot TT79621
- Spare key for switches TT7964 and TT7962 TT79641
- Terminal kit for battery cable..... TT7964TK



NON-LEAK BATTERY

Suitable for most 12 volt applications it is a totally sealed, maintenance free battery that will not leak, even if split. The acid is completely absorbed into glass mat separators between the plates. Other advantages include less internal resistance it offers more cold cranking capacity than a conventional wet battery.

It is also more resistant to heat and vibration and has a slower self discharge rate than a wet battery (loses 2-3% a month as opposed to a wet battery losing about 15% a month). Great in any car, particularly good for sports or competition use due to its small size (20cm x 20cm x 13cm). Its unique design means that it can be shipped by mail order.

- Non-leak battery.....MXV1129X



HIGH TORQUE STARTER MOTORS

These brand new powerful, lightweight starter motors are high torque. This means they are less likely to burn out under the strain of cranking your engine over, especially with high compression engines.

- Spitfire & Herald GXE9405XS
- GT6 & Vitesse..... GXE9405X



UPDATED LUCAS ALTERNATOR

Being brand new these alternators are available without having to pay a surcharge against the old unit. With a higher output than the original alternators these will be more than able to cope with your cars requirements. Lefthand mounting only.

- Lucas 18ACR alternatorGEU2206
- Alloy alternator pulley..... 147530A



DYNATOR CHARGING SYSTEM

For owners wishing to fit an alternator but prefer to keep the original appearance for aesthetic reasons, or for competition scrutineering rules, the Dynator is the answer. Basically, it's an alternator in a dynamo casing, and comes complete ready to fit to negative earth cars. Positive earth cars will need to be converted to negative earth using the instructions provided.

- Negative earth.....PT10802
- Positive earth..... PT10802P

BATTERY LINER

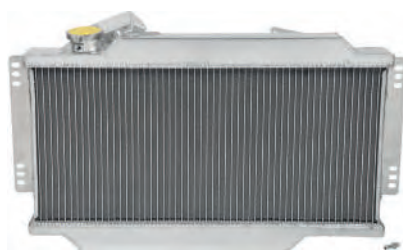
This clever - yet functional item, completely hides all but the most terminal symptoms of battery box plague. Ribbed for extra strength, this battery tray not only protects against corrosion, but also makes cleaning much easier around the battery.



- Spitfire & GT6 battery liner hard plastic..... AM7302



RKC2117



RKC2117

WIDE STYLE RADIATOR

This uprated full width radiator will greatly improve the cooling of your engine, particularly at lower speeds. Suitable for all Spitfires except early Mk1's and late US specification 1500's when used with the correct 13lb radiator cap, GRC180. This is the only type of radiator available.

Radiator wide style.....	RKC2117
Radiator wide style aluminium .....	.835-101
Radiator cap	GRC180
Radiator cap stainless steel	GRC180SS



KLINGERSIL GASKET

These gaskets are manufactured from a modern high performance synthetic material that can withstand much higher temperatures (up to 400°F) and extreme pressures (up to 750psi) making them ideal for fast road and competition engines.

Gasket thermostat housing uprated	115467X
---	---------



HEATER TAP ADAPTOR KIT

Save time and money with the new heater tap adaptor kit. This convenient kit contains all the necessary parts to replace the heater flange adapter. Get this kit, for a little restoration goes a long way in the upkeep of your Spitfire!

Heater tap adaptor kit635-268
------------------------------	----------



BATTERY HOLD DOWN KIT

Replace your old or missing battery tie down with this attractive and high quality battery tie down bar. Designed to fit all Triumph models, it clamps the battery to your car and keeps it tightly secured. Adding a cleaner look to your engine bay, this aluminium battery tie down bar shows off 'TRIUMPH' machined into the bar with matching knurled knobs for ease of installation and removal.

Battery hold down kit850-428
-----------------------------	----------



RF32



REVOTEC COOLING FAN KIT

Keeping your Spitfire's engine running at optimum temperature will ensure you get the best performance and economy. Revotec and Moss Europe have co-designed these high quality bespoke fan kits for the Spitfire. Using the latest high efficiency fans with adjustable electronic controllers these kits are designed to replace the standard original mechanical fan, reducing the load on the engine, noise and improving both power and mpg.

Unlike other fan kits that use universal mounting systems, these kits fit using bespoke laser cut brackets that mount directly to the radiator cowling using existing mounting bolts. A manual override switch is also available separately, enabling manual control of either On, Off or Automatic. Kits include: High efficiency fan assembly, electronic controller, bespoke brackets, hardware & wiring, & full instructions. Negative earth only.

Spitfire Revotec fan kit (suction) wide radiator .....	.RFK32
Spitfire Revotec fan kit (blower) narrow radiator .....	.RFK321
GT6 Revotec fan kit (suction) .....	.RFK40



RFC010

REVOTEC ELECTRONIC FAN CONTROLLERS

These units use the latest type of surface mounted electronic controllers to sense the temperature of the water in the cooling system.

The controllers are designed to fit neatly into the cooling system without using capillary probes or radiator mounted clip on devices. This ensures that the coolant flow is not impeded, accurate temperature control and effective sealing of the coolant system are maintained. The self sealing EFC can be used in all applications. Please ensure there is sufficient space to fit a hose fitting EFC. Negative earth only.

EFC - self sealing	RFC011
EFC - hose fitting 28mm.....	RFC002
EFC - hose fitting 32mm.....	RFC003
EFC - M22 x 1.5 for threaded boss	RFC010
(Use with threaded boss soldered in to radiator header tank).	
Threaded boss - brass	RFC012



144297X

ALLOY WATER PUMP HOUSINGS

The original cast iron water pump housing units are no longer available as new. However these alloy versions replicate the originals but in aluminium to provide a significant weight saving.

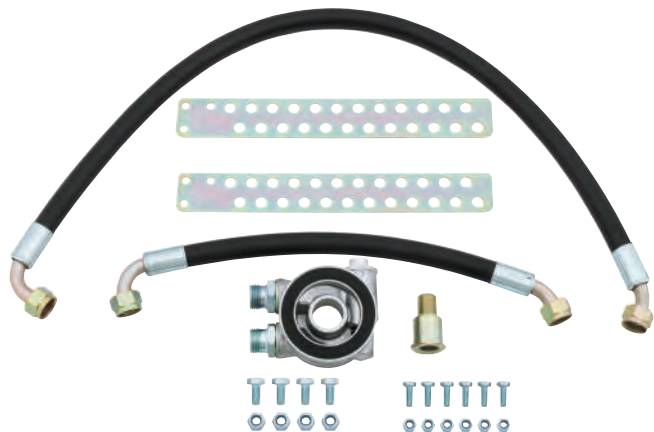
Spitfire & Herald alloy water pump housing	144297X
GT6 & Vitesse alloy water pump housing	307095A
(Also fits 2000/2500 saloons).	



SPITFIRE ANTI-DRAIN FILTER CONVERSION

This uses a special adaptor bolt to allow a filter with a 3/4" UNF thread and an internal stack pipe and non return valve to stop the oil draining out of the filter. This means the oil is pumped around the engine immediately on start up without having to fill the filter first. Only for use with an oil cooler kit.

3/4" adaptor boltTT9401
Anti-drain oil filter..... GFE173



OIL COOLER INSTALLATION KITS

In modern traffic conditions, especially on long motorway journeys, engines tend to run at high speeds for long periods, causing the oil to thin and a reduction in pressure may occur. The fitting of an oil cooler will help prevent the thinning of the oil and prevent possible engine damage. These kits include mounting brackets, unions, thermostatic oil filter adaptor, spin-on oil filter adaptor where appropriate, with a choice of rubber or stainless steel braided hoses where appropriate.

Spitfire & Herald rubber hosesTT1365
Spitfire & Herald braided hosesTT1367
Spitfire & Herald thermo rubber hosesTT1369
Spitfire & Herald thermo braided hoses TT1369S
GT6 & Vitesse spin-on filter rubber hosesTT1768
GT6 & Vitesse spin-on filter braided hoses..... TT1768S
GT6 & Vitesse spin-on filter thermo rubber hosesTT1778
GT6 & Vitesse spin-on filter thermo braided hoses TT1778S



OIL COOLER RADIATORS

Oil Cooler Radiators are available in a range of sizes depending on the use of the car, we recommend a 13 row radiator for road use. Fast road and competition cars may benefit from choosing a higher capacity oil radiator to cope with increased stress on the engine.

10 row oil cooler radiator for road useARO9807
13 row oil cooler radiator for fast road..... ARA221
16 row oil cooler radiator for fast road/sprintARO9875
19 row oil cooler radiator for race.....ARO9888



ROCKER FEED KIT

Oil supply to the rocker gear is a known weak spot on Triumph push rod engines. This stainless steel braided hose connects to a plug already in the back of the cylinder head to supply oil where it is needed. This kit must be used when using roller rockers.

Spitfire Herald GT6 & Vitesse rocker feed kitTT1226



SPIN-ON OIL FILTER CONVERSION

Fitting a spin-on filter adaptor makes changing the oil a much easier and cleaner task, it also gives up to date filtration and prevents the oil draining out of the filter giving better oil pressure on start up. This conversion uses a short filter hung vertically from the adaptor, giving clearance on the chassis.

GT6 & Vitesse spin-on conversion.....TT1286
Oil filter GFE173



OIL THERMOSTATS AND ADAPTORS

Use one of these thermostats if you already have an oil cooler kit fitted without one. The standard thermostat has push fit connections for use with rubber hoses. It completely seals off the oil radiator until the oil temperature reaches 74°C.

The full flow thermostat has 1/2" screw in connections for use with stainless hoses. It works by diverting the oil through the thermostat until it reaches 74°C. The temperature gauge adaptors fit into an oil line and allow the fitting of an oil temperature gauge. You can choose between push-on connections for rubber hoses or screw in connections for stainless hoses.

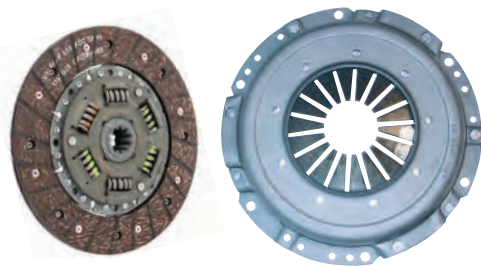
Standard oil push-on thermostat.....TT2960
Full flow oil screw-on thermostat TT29602
Straight unions 1/2" (pair).....TT9961
Temperature adaptor push-onTT2969
Temperature adaptor screw-on TT29691



UPRATED OIL PRESSURE SWITCH AND VALVES

This 20lb oil pressure switch will give you earlier warning of any oil pressure problems. When fitting an oil cooler a stiffer oil pressure relief valve spring will provide improved oil pressure. The valve should be replaced at the same time. Fits Spitfire, Herald, GT6 and Vitesse.

Pressure switch 20lb.....TT2998
Oil pressure relief valve 132107
Up-rated oil pressure relief valve spring.....TT1229



FAST ROAD UPRATED CLUTCHES

These clutch components are built specially for fast road and competition use. For other clutch parts please refer to page 34 in the Restoration section.

Spitfire 1500 clutch cover fast road.	TT24011
Spitfire 1500 release bearing.	GRB207
GT6 & Vitesse clutch cover fast road.	TT2201
GT6 & Vitesse clutch plate fast road (10 x 1" spline).	TT2702
GT6 & Vitesse release bearing.	GRB209



TKC1840X

LIGHTWEIGHT FLYWHEELS

Reducing the rotational mass of the engine gives improved engine response; it can pick up or lose revs faster, meaning quicker acceleration and more engine braking.

In the past, weight was removed from the standard flywheel. Years of clutch abuse, heat and revs may push this into an unsafe condition. The answer is to use a new steel flywheel. A standard cast iron flywheel weighs 10-16kg, our steel versions weigh about 4kg.

Lightweight steel flywheel 1500.	TKC1840X
(Use with clutch cover GCC196 and uprated clutch plate TT2402).	
Lightened flywheel (customers own unit).	ENB11
Spitfire uprated flywheel bolt set.	TT2223S



307834ALI

ALLOY SUMP

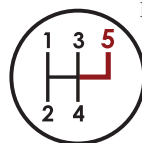
These finned alloy sumps will help to keep the oil temperature down. They are also baffled to prevent oil surge during hard cornering and come complete with drain plugs and a plugged hole to allow fitment of an oil temperature gauge. This 6 cylinder sump will fit both 2 litre and 2.5 litre engines, check for chassis clearance on GT6 and Vitesse.

GT6 & Vitesse alloy sump.	307834ALI
GT6 & Vitesse sump gasket.	AJM515
Magnetic drain plug.	155660



TT30430

5 SPEED CONVERSIONS



Frontline's five-speed conversion for all Spitfire and GT6 models is a complete replacement kit with everything you need to achieve modern day driver comfort and performance. The ultra-smooth action of the five-speed gearbox is an instant benefit. With a synchromesh first gear and quieter reverse, the vibration and hassle are taken out of town driving. With similar ratios from first to fourth, the performance through the gears is unaffected, and the added benefit of a 0.82:1 fifth gear gives a reduction of 1,200rpm at maximum speeds, giving faster and more relaxed cruising.

The robust gearbox and replacement clutch release arrangement replace the weaker original system, giving an almost maintenance free transmission. The conversion involves minimal cosmetic or structural changes and the specially modified gear change puts the gear lever in the original position, with no modifications required to the upper area of the tunnel. Kit includes: Fully reconditioned gearbox, bell housing adaptor plate, clutch mechanism, chassis crossmember, speedo cable, hardware and instructions.

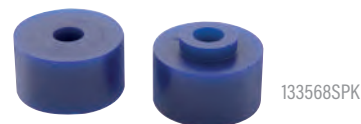
Spitfire 1300 5 speed conversion.	TT30430
Spitfire 1500 5 speed conversion.	TT30431
GT6 5 speed conversion.	TT30730



LIMITED SLIP DIFFERENTIAL

Limited slip differentials allow maximum drive to the wheels, giving more grip under hard acceleration and cornering. Power is distributed to both wheels, rather than wasting energy spinning the wheel under the least load. The Quaife differential is gear operated, so it has no plates to wear, and automatically transfers power to the wheel with the most grip.

Spitfire IV-1500 Quaife limited slip differential* . . .	TT2420
(*Suitable for 3.63:1 or 3.89:1 ratios)	



133568SPK

DIFFERENTIAL POLY MOUNTS

Polyurethane has many advantages over rubber for use in differential mounts. It gives better location and prevents the differential twisting on its mounts under power. It is oil resistant and it does not soften with age, giving a longer service life. Fits Spitfire, Herald, GT6 and Vitesse.

Spitfire front upper differential mount kit.	133568SPK
Spitfire front lower differential mount kit.	131796SPK
Spitfire rear differential mount kit.	117578SPK

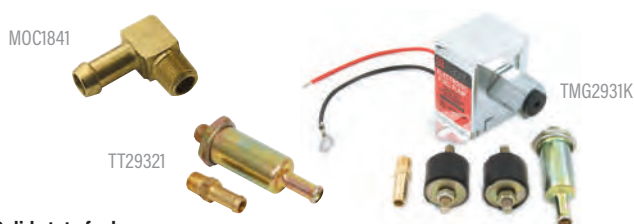


HIGH CAPACITY FUEL PUMPS

The standard fuel pump may not be able to maintain adequate fuel flow and pressure at higher engine speeds, particularly with a tuned engine. The Facet range of fuel pumps will suit all standard and modified engines fitted with carburettors. They give constant fuel flow and pressure, even at high temperatures eliminating the problems associated with vapour lock. The pumps are available in a variety of specifications to suit the engine's fuel pressure and flow requirements. Further fine tuning of the fuel pressure can be easily achieved by the use of a separate fuel regulator, see opposite. With safety in mind we recommend fitting a fuel pump inertia switch kit, so that in the event of an accident fuel delivery is automatically cut-off. Fuel lines may require adapting to install the new pump, check pipe sizes to select the correct unions, additional unions may be required.

Cylindrical fuel pumps

Cylindrical fuel pump kit - road Silver Top TMG2930K
(Up to 150bhp, flow rate: 30 gal/hr, 4.0-5.50 psi, unions: 8mm x 1/8 npt).
Cylindrical fuel pump kit - fast road Silver Top MGS2930K
(Up to 200bhp, flow rate: 35 gal/hr, 6.0-7.0 psi, unions: 8mm x 1/8 npt).
Cylindrical fuel pump kit - competition Red Top MGS2932K
(Above 200bhp, flow rate: 40 gal/hr, 6.0-8.0 psi, unions: 8mm x 1/8 npt).
Cylindrical fuel pump only - competition Red Top TT2930
(Above 200bhp, flow rate: 40 gal/hr, 6.0-8.0 psi, 1/4 npt threads).



Solid state fuel pumps

These pumps should be mounted at the rear of the car (as they are designed to push fuel rather than draw fuel) and ideally below fuel tank level, although they will work up to 300mm above the bottom of the fuel tank. Kits are supplied with mounting & 8mm unions, alternative size unions available.

Solid state fuel pump kit, fast road TMG2931K
(Up to 150bhp, flow rate: 32 gal/hr, 4.5-7 psi, unions: 8mm x 1/8 npt).
Solid state fuel pump only, fast road MGS2931
(Up to 180bhp, flow rate: 34 gal/hr, 7.0-10.0 psi, 1/8 npt threads).

Fuel pump unions

Use with the listed fuel pumps, please check thread and pipe size before ordering.

Straight union 1/4" (6mm) 1/8 npt FPA903B
Straight union 5/16" (8mm) 1/8 npt MOC1604
Straight union 3/8" (10mm) 1/4 npt FPA904/B
90° union 5/16" (8mm) 1/8 npt MOC1841
90° unions 5/16" (8mm) 1/4 npt (pair) TT2930A
90° unions 3/8" (8mm) 1/4 npt (pair) FPA902B

Fuel filter union

Unions 1/4" (6mm) 1/8 npt (pair) TT29321



FUEL REGULATORS

We recommend the fitment of a fuel regulator to allow you to finely adjust the fuel pressure to your requirements. Use a filter/regulator for a tidy installation.

67mm deep glass filter/regulator 1/4 unions TT2927
85mm deep glass filter/regulator 5/16 unions TT2928
Fuel pressure regulator 1/4 unions TT2925
Fuel pressure regulator 5/16 unions TT2926
Replacement sealing ring, glass bowl TT29272
Replacement filter, to fit TT2927 TT29270
Replacement filter, to fit TT2928 TT29271



FUEL PUMP BLANKING PLATE KIT

Use this blanking plate kit to replace the block mounted fuel pump if you are fitting an electric fuel pump. Fits Spitfire, Herald, GT6 and Vitesse. Kit includes blanking plate, gasket and hardware.

Fuel pump blanking plate kit 147876K
Fuel pressure regulator 5/16 unions TT2926



FUEL PUMP INERTIA SWITCH

This inertia switch is a good safety feature when using an electric fuel pump. The switch unit mounts to a vertical surface in the engine bay and in the unfortunate event of a crash cuts the power to the fuel pump preventing fuel spillage. Supplied with multi connector and tail leads to allow easy connections.

Fuel pump inertia switch kit C41220AX



COPPER FUEL PIPE KITS

Rusty fuel pipes can also cause all sorts of problems. These copper fuel pipe kits come with all fittings and unions, are easy to fit and will not rust.

Spitfire MkI-III HFFK9
Spitfire MkIV HFFK8
Spitfire 1500 HFFK13
GT6 MkI-III HFFK10



BRAIDED FUEL PIPES

Ready assembled stainless steel Aeroquip fuel pipe assemblies for safer fuel delivery and improved appearance. Supplied with lengths pre-set for easy installation, come with 18" inlet pipe for Weber carburettors.

Twin Weber braided stainless steel fuel pipe kit TT1455
Triple Weber braided stainless steel fuel pipe kit TT1255



STROMBERG TO SU HS6
CONVERSION PLATES

This plate kit neatly converts your GT6 or Vitesse from Stromberg CD150s to SU HS6s using the original manifold. Includes screw, studs and gaskets.

SU conversion plate kit
..... TT1656



GAC9201X

GROSE JETS

Grose jets use a more modern ball valve so they won't stick open the way the needle valves do.

Grose jet for
Stromberg 150/175 carburettors
.....GAC9200X
Grose jet for
SU H/HS carburettors.....
.....GAC9201X



NEEDLES AND SPRINGS FOR HS6 CARBURETTORS

The table below gives you a rough guide to the needle type required. Exact choice depends on modifications carried out and can only be done on a rolling road.



TMG1714

CARBURETTOR HEAT
SHIELDS

Polished stainless steel shields to prevent the float chambers soaking heat from the exhaust manifold. They also have holes in the lower edge for the throttle return springs.

Carburettor heat shields HS4
.....MST019
Carburettor heat shields HS6
..... TMG1714



AUD4398

DAMPER SPRINGS

When fitting free flowing filters the carburettor damper springs should be changed for the heavier 8oz yellow springs.

8oz yellow damper spring small
(1" diameter)
.....AUC1167
8oz yellow damper spring large
(2" diameter)
..... AUD4398

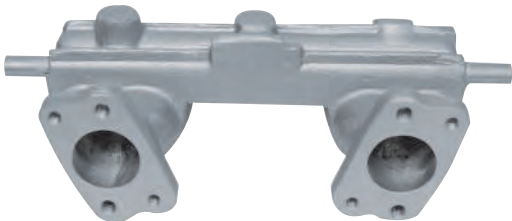


TT1156

SU CARBURETTORS

A pair of SU carburettors is a good alternative to original Stromberg carbs or as a performance upgrade. Available as either HS4 (1.5") to suit Spitfire & Herald models or HS6 (1.75") to suit GT6 and Vitesse they give improved performance and ease of set-up. These are ideally used with inlet manifold TT1458 for upgrading Spitfire and Herald models. Supplied with standard jets, allowing customers to choose suitable needles for their car using the needle chart. They are available with angled or horizontal floats according to the application.

HS4 carburettors horizontal float (pair) AUD665T
HS6 carburettor angled float chamber (pair)TT1156
HS6 carburettor horizontal float (pair).....TT1256



WATER HEATED INLET MANIFOLD

This water heated cast aluminium manifold can be used to fit HS2s, Stromberg 150CDs or HS4s to Spitfire and Herald engines. It works very well as a conversion manifold for owners looking for an easy way to fit HS4s to earlier or Stromberg equipped cars.

Water heated inlet manifold.....TT1458



SFR23

SFR23B

SFR23R

SFR150

SFR175

DASHPOT COVERS FOR SU CARBURETTORS

Dashpot covers are an ideal way to enhance and brighten the engine bay.

Alloy dashpot cover for HS2 SFR22
Alloy dashpot cover for HS4/HS6 SFR23
Anodised blue dashpot cover for HS4/HS6SFR23B
Anodised red dashpot cover for HS4/HS6.....SFR23R
Chrome dashpot cover for HS4/HS6.....SFR150
Chrome dashpot cover short type for HS/HIF 4/6SFR175

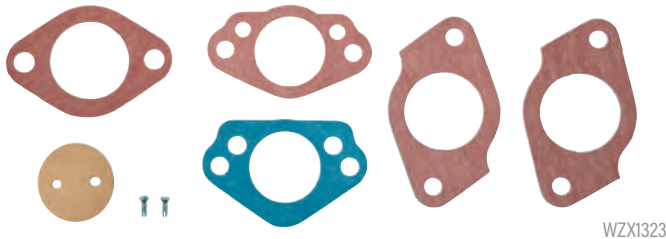
Model	Needles for: standard	filter and exhaust	Needles for: plus head and cam	Needles for: Fully modified	Needles for:
6 cyl 2000cc biased			'BAE' CUD1104	'BAM' CUD1111	
6 cyl 2500cc biased	'BDB' NZX8002		'BDQ' NZX8015	'BAE' CUD1104	
1147 HS2 fixed	'AN' AUD1478		'BO' AUD1526	'H6' AUD1242	
1300 HS2 fixed	'BO' AUD1526		'H6' AUD1242		
1300 HS2 biased	'AAN' CUD1012		'AAU' CUD1018	'ABT' CUD1041	'ABY' CUD1046
1500 HS4 biased	'ABT' CUD1041				
Late cars use	'ADN' NZX4013		'AAQ' CUD1014	'AAM' CUD1011	'AAL' CUD1010



JET CONVERSION KITS FOR SU CARBURETTORS

The waxstat jets used on later SU carburettors can give major problems in warm weather and heavy traffic as they weaken the mixture too much, causing rough idling. This can be cured by converting to standard fixed jets. The conversion kits consists of a set of fixed jets and a pair of choke linkages to suit.

- Jet conversion kit for HS4's with 90 thou jets.....TT1459
- Jet conversion kit for HS6's with 100 thou jets.....TT1559



PLAIN THROTTLE DISC KIT FOR SU CARBURETTORS

If your throttle discs are fitted with a pop valve these should be replaced with plain discs to maximize air flow through the carburettors on full throttle, supplied in kit with gaskets.

- Plain throttle disc for HS2 WZX1320
- Plain throttle disc for HS4 WZX1323
- Plain throttle disc for HS6 WZX1321



OVERSIZE THROTTLE SHAFTS

Worn throttle shafts and carburettor bodies cause bad idle and uneven running. This can be remedied by replacing your carburettors or by reaming out your carburettor bodies and fitting oversize throttle shafts.

- Oversize throttle shafts for HS4 WZX1177RP
- Oversize throttle shafts for H6 AUC4284RP
- Oversize throttle shafts for HS6 WZX1178RP
- Carburettor reamer386-385



Carburettor
not included

WEBER DCOE THROTTLE LINKAGES - MANGOLETSI

This new simple design, for DCOE carburettors, features a cast bracket which fits over the top of the carburettor, holding the linkage neatly to the side of the carburettor. This unique design has an ultra-low profile - the highest point of the linkage is only 10mm higher than the carburettor, ideal if clearance is limited. Each kit is suitable for single or twin carburettor set-ups for inline engines.

The unique design also gives a wide range of throttle adjustment. Cable travel and spring tension can be adjusted independently. The adjuster can be set to give the desired cable travel, the spring tension can then be set to give the correct throttle shut off. This allows the throttle feel to be fine tuned to the driver's requirements.

- Throttle linkage DCOE, twin cable LP42451
- Throttle linkage DCOE, single cable LP42411



Carburettor
not included

WEBER DCOE THROTTLE LINKAGES - WEBCON

These high quality linkages are available for Weber DCOE sidedraught carburettor. The main bracket, lever and fittings are manufactured from zinc plated steel which gives excellent corrosion resistance and matches other components on the carburettor. They feature a self-lubricating bronze pivot bush, twin return springs and high quality ball joints, giving a smooth operation. They are suitable for single or twin carb set ups and are fully adjustable. Kits are available for top or bottom mounting, with a choice of single or twin cables. Single cable kits are supplied with a ferule to attach to existing throttle cable. Twin cable kits include a pair of cables, with pedal end fitting block.

- T/linkage DCOE - top mount/single cable LP4100
- T/linkage DCOE - top mount/twin cable LP4101
- T/linkage DCOE - bottom mount/single cable..... LP4102
- T/linkage DCOE - bottom mount/twin cable..... LP4103



WEBER MOUNTINGS

These competition mounting rubbers and sealing plates with integral rubber o-rings help to dampen vibration giving more consistent idling and fuel supply.

- Seal plate for 40-45 DCOE (each) TT2937A
- Carburettor mounting bush kit (per carburettor) TT2939
- Thackery washers (each)AJD7731



GT6 AND VITESSE WEBER INLET MANIFOLD

A set of three manifolds stepped from front to rear to provide clearance for the bonnet. Supplied with operating bar and levers. Suitable for any vertically mounted MkII or III 6 cylinder engine.

GT6 & Vitesse Weber inlet manifold set TT17501

SPIRFIRE 1300-1500 WEBER MANIFOLDS

Fitting a single 45 will give a good power increase across the rev range. A twin 40 set up gives more top end power at the expense of bottom end tractability. Twin 45s are only for full race use as there will be no bottom end torque.



SINGLE DCOE CROSS OVER MANIFOLD

This design of manifold will give improved mid range due to the better distribution of gases. This TriumphTune manifold is 15 cm long so you can only use a 45mm deep air filter.

Spitfire single DCOE manifold TT10549



SINGLE DCOE PARALLEL MANIFOLD

This parallel TWM manifold gives maximum flow so will give more power at the top end. It is 12cm long so you can use up to a 63mm deep air filter.

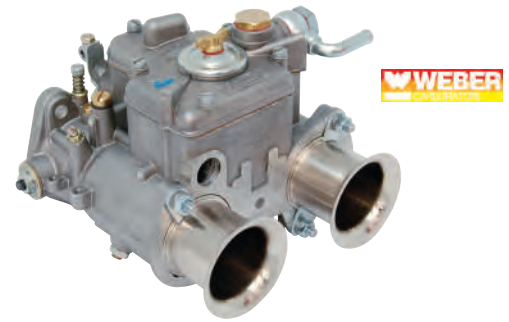
Spitfire TWM single DCOE parallel manifold TWM0088



TWIN DCOE LONG MANIFOLDS

This pair of long tract inlet manifolds allow for maximum power. They can only be used with 45mm deep air filters.

Spitfire twin DCOE long manifold TT1350



WEBER CARBURETTORS

Increasing the size and number of carburettors can unleash a lot more power if the right combination is chosen. For maximum power and performance Weber side-draught carburettors are the best option. The improvement in mid to top end breathing is considerable. The jetting may need some adjustment, depending on the engine specification, this is best achieved on a rolling road.

These are some of the Weber carburettors that we have available. We can supply different jet set ups according to your needs, please discuss this with us when placing your order.

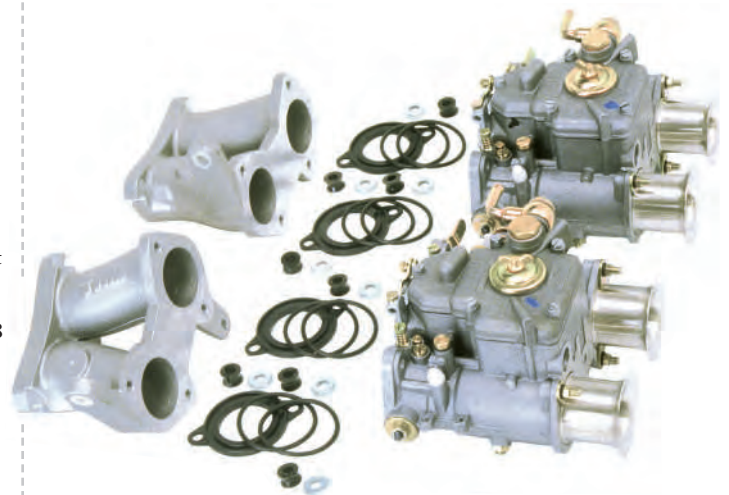
40DCOE twin carb for road (2 required)	TT2934283
40DCOE twin carb for fast road (2 required)	TT2934304
40DCOE single carb for road (1 required)	TT2934333
40DCOE twin carb for sprint (2 required)	TT2934333
45DCOE single carb for fast road (1 required)	TT2935344
45DCOE twin carb for race (2 required)	TT2935344



TWIN DCOE SHORT MANIFOLD

Originally designed for the limited space on the Dolomite/Toledo range, these manifolds allow the use of deeper filters when used on Spitfires or Heralds.

Spitfire twin DCOE short manifold TT1450



WEBER CONVERSION KITS

Our Weber conversion kits include: Inlet manifold, carburettors with suitable jets, throttle linkage and fittings. Alternative settings can be provided, please enquire when ordering.

Spitfire 1300-1500 twin 40DCOE carburettor kit TTK10959
(Fitted with 28mm chokes for road settings and long manifolds).



KN85-5039



SFR4430



SFR4

RAM PIPES

Ram pipes fitted inside the air filter help to smooth the air flow into the carburettor. The shorter the ram pipe the higher up the rev range the power is produced. If using with an air filter minimum clearance of 1 1/2" between the ram pipe and the filter case is recommended to ensure maximum air flow.

Ram pipes for SU carburettors

K&N ram pipe for HS4 KN85-5039

Piper ram pipe for HS2 - 30mm SFR230

Piper ram pipe for HS4 - 30mm SFR430

Piper ram pipe for HIF4 - 30mm SFR4430

Piper ram pipe for HS6 - 50mm SFR650

Period ram pipe for HS2 - short SFR1

Period ram pipe for HS4 - short SFR2

Period ram pipe for HS6 - short SFR3

Period ram pipe for HS2 - long SFR4

Period ram pipe for HS4 - long SFR8

Period ram pipe for HS6 - long SFR9



KNSS3945



KNSS2640



KNSS1645

Ram pipes for Weber carburettors

These ram pipes are genuine Weber replacement products.

Ram pipes for SU carburettors

Ram pipe 40 DCOE - 16mm KNSS1640

Ram pipe 40 DCOE - 26mm KNSS2640

Ram pipe 40 DCOE - 39mm KNSS3940

Ram pipe 45 DCOE - 16mm KNSS1645

Ram pipe 45 DCOE - 26mm KNSS2645

Ram pipe 45 DCOE - 39mm KNSS3945



GAC6610X



UKC8372SS

HEAT SHIELDS

Our new stainless steel heat shields add a touch of class to your engine bay. These heat shields not only look great on your car but also help keep your carburettors cool.

Two types of heat shield are now available for Spitfires. The 1500 type replaces the existing heatshield which are prone to deterioration. We now also offer a heat shield for 1300 models. MkIII-IV Spitfires were not originally fitted with a heatshield but these are now newly available to help keep your carburettors cool.

Heat shield stainless steel 1300cc GAC6610X

Heat shield stainless steel 1500cc UKC8372SS

Heat shield stainless steel 1500cc aftermarket UKC8372Z



PIPER AIR SOCKS

These air socks can be used with our piper ram pipes. They are supplied in pairs at 100mm long. They can be cut to size, though you must leave a minimum of 30mm between the inner face and the ram pipe mouth.

Piper air socks (pair) PXC1050

K&N FILTERS



The last air filter you will ever need. K&N filters have a 1,000,000 mile guarantee, they just need cleaning and re-oiling periodically. K&N cotton gauze filters give virtually unrestricted air flow, whilst still providing very high levels of filtration to protect your engine.



KN56-1630A

K&N air filters for SU and Stromberg carburettors

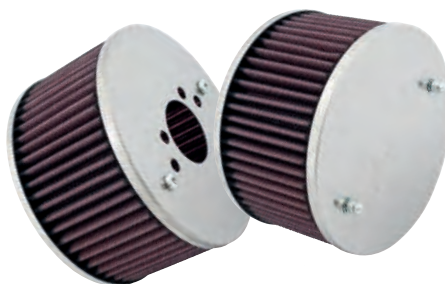
HS2 centre mounting 1 3/4" deep KN56-9121

HS2 offset mounting 1 3/4" deep KN56-1630A

HS4 centre mounting 1 3/4" deep KN56-1390A

HS4 centre mounting 3 1/4" deep KN56-9095

HS4 offset mounting 1 3/4" deep KN56-9128



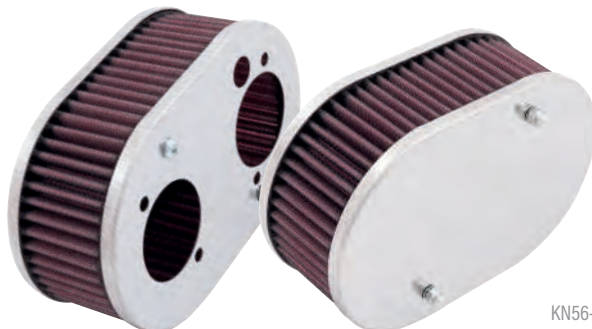
KN56-9098

HS6 centre mounting 1 3/4" deep KN56-1400A

HS6 centre mounting 3 1/4" deep KN56-9098

HS6 offset mounting 1 3/4" deep KN56-9132

150CD/S centre mounting 3 1/4" deep KN56-1610A



KN56-9104

K&N sports air filters for Weber carburettors

DCOE fitting 45mm-1.3/4" deep KN56-9106

DCOE fitting 63mm-2.1/2" deep KN56-9104

DCOE fitting 83mm-3.1/4" deep KN56-9265

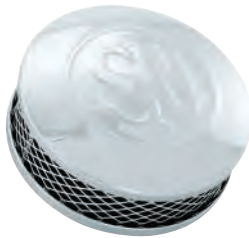
223-200



STELLING & HELTINGS AIR FILTERS

Stelling & Hellings air filters were a popular aftermarket air filter used on many American hot rods & sports cars. Their filters were supplied as original equipment on the 427 Cobra. These exact reproductions are chrome plated with a mesh filter. A smart accessory for your Spitfire.

Stelling & Hellings air filter - SU 1 1/4" carbs (each) ... 223-100
Stelling & Hellings air filter - SU 1 1/2" carbs (each) ... 223-200



SU LOGO AIR FILTER

Enhance the appearance of your SU carburettors and engine bay with this chromed SU logo'd air filter. Fits 1 1/2" carburettors.

SU logo air filters (each) ... GAC1078X



BREATHER FILTERS

Engine breather filters are an alternative to running pipes from crankcases, clutch housings and timing cover breathers to the inlet manifold, they are particularly useful if induction set ups have been changed.

Filters simply push-on and are retained by a hose clip. Just remember to block off the other fitting on the carburettor or air filter where the original pipe was attached.

K&N crankcase breather filters

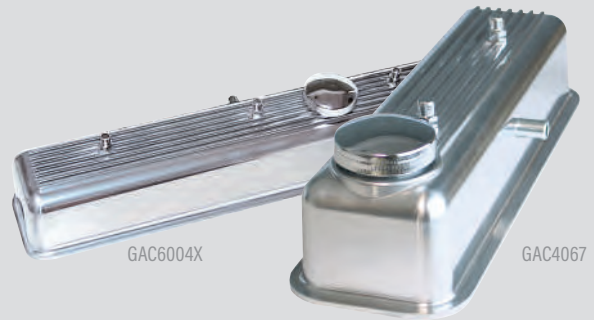
Breather filter 2" diameter 1/2" external inlet. KN62-1010
(Filter has 1/2" (12mm) OD metal inlet stub to fit into 1/2" (12mm) ID breather hose).

Breather filter 2" diameter 1/2" internal inlet. KN62-1330
(Filter has 1/2" (12mm) ID rubber inlet to fit onto 1/2" (12mm) OD breather pipes).



Aftermarket crankcase breather filters

Breather filter 12mm inlet - blue ... MT1200
Breather filter 12mm inlet - chrome ... MT1201
Breather filter 12mm inlet - red ... MT1202
(These filters have 1/2" (12mm) ID rubber inlet to fit onto 1/2" (12mm) OD breather pipes).

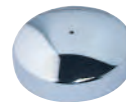


ALLOY ROCKER COVERS

An alloy rocker cover will improve the appearance of your engine bay and as an added advantage will help to muffle valve train noise.

4 cylinder polished ... GAC4067
4 cylinder black ... GAC4067BLK
6 cylinder polished ... GAC6004X
6 cylinder black ... GAC6005X

8G612CP



TT9920

ROCKER COVER FITTINGS

You should always replace the gasket when replacing the rocker cover. Replacement chrome nuts and filler caps are also available should yours go wandering.

4 cylinder rocker cover gasket ... GUG5036VC
6 cylinder rocker cover gasket ... GUG5039VC
Chrome oil filler cap (for GAC... rocker covers) ... 8G612CP
Chrome oil filler cap (for TT... rocker covers) ... TT9920
6 cylinder Spitfire & Herald 5/16UNF dome nut ... 14B2685
Spitfire 1500 (late) rocker cover stud ... 105123

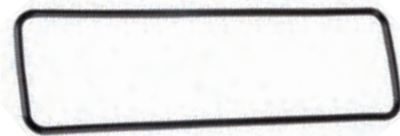


TT1280

UPRATED CON ROD BOLTS

These uprated con rod and main bearing bolts give more accurate control of clamping pressure and are less likely to break during arduous use. Always use Loctite when assembling engine components.

6 cylinder ARP uprated con rod bolts (set of 12) ... 322-828
6 cylinder ARP uprated con rod bolt (each) ... TT1280
6 cylinder uprated main bearing bolt (each) ... BH607241X



SILICONE ROCKER COVER GASKETS

These premium silicone rocker cover gaskets are stronger and more resilient than traditional cork. They will tolerate re-use far better as well, allowing you to remove the covers repeatedly without having to replace your gaskets each time. Instructions included. Note: RTV Sealant is needed for proper installation.

Spitfire/Herald gasket standard rocker cover ... 694-101
Spitfire/Herald gasket, aluminium rocker cover ... 694-102
GT6/Vitesse gasket standard rocker cover ... 694-011
GT6/Vitesse gasket, aluminium rocker cover ... 694-012

MODIFIED CYLINDER HEADS

Our range of gas flowed heads are available to suit all needs. On some heads the work is carried out to the customers own unit, the more popular heads may be available on an exchange basis, please check when ordering. All heads are supplied with stainless valves, bronze-alloy valve guides and valve seats suitable for unleaded petrol unless requested otherwise. Please advise us of the engine capacity and any planned changes when ordering.



TT1212BUL

Stage II cylinder heads

Modifications include gas flowed ports and reshaped combustion chambers. New standard diameter valves are reshaped fitted with new guides and uprated valve springs.

Spit early 1300 stage II cyl. head iron guides	TT1302UL
Spit early 1300 stage II cyl. head bronze guides	TT1302BUL
Spit 1500 stage II cyl. head iron guides	TT1402UL
GT6 & Vitesse 2L stage II cyl. head iron guides	TT1702UL
GT6 & Vitesse 2.5L stage II cyl. head iron guides	TT1212UL
GT6 & Vitesse 2.5L stage II cyl. head bronze guides	TT1212BUL

(For 2.5L engine conversions only).

Stage III cylinder heads

Further modifications to the ports and chambers. Large inlet valves are fitted with new guides, uprated valve springs and alloy valve caps.

Spit early 1300 stage III cyl. head iron guides	TT1303UL
Spit late 1300 stage III cyl. head bronze guides	TT1313B
Spit late 1300 stage II cyl. head iron guides	TT1313UL
Spit 1500 stage III cyl. head bronze guides	TT1403B
GT6 & Vitesse 2L stage III cyl. head bronze guides	TT1703BUL
GT6 & Vitesse 2.5L stage III cyl. head iron guides	TT1203UL
GT6 & Vitesse 2.5L stage III cyl. head bronze guides	TT1203BUL

(For 2.5L engine conversions only).



TT1264

UPRATED CYLINDER HEAD FASTENERS

Use these to help keep your cylinder head gasket in one piece.

Spitfire uprated head nut (each)	51K1193B
GT6 & Vitesse uprated head stud set	TT1264
GT6 & Vitesse uprated head nut (each)	103810X
GT6 & Vitesse uprated 7/16" washer (each)	508289



IMPROVED HEAD GASKETS

If running high compression engines these head gaskets will help improve reliability. The thicker 6 cylinder gasket can be used if you have had to dramatically skim your block or cylinder head.

GT6 & Vitesse copper head gasket .032" thick	TT1236
--	--------

(Flat block only).



TT1307

UPRATED VALVES, GUIDES, SPRINGS AND CAPS

Our slim gas flowed TriumphTune valves, manufactured from EN21/4N stainless steel, are essential to maximize the flow of gases through the head. These valves should be fitted with our bronze alloy valve guides for improved reliability and less friction, especially when running with unleaded petrol.

Our uprated valve springs are specially designed to our own requirements so they are suitable for all our performance cam profiles when used with standard rocker ratio. The standard bottom valve spring spacer should be discarded.

Spitfire and Herald models

Exhaust valve standard size 1.17"	TT1315
Exhaust valve large size 1.30"	TT1435
Inlet valve large size 1.475"	TT1434
Bronze valve guide set	TT1419
Valve spring set	TT1307
Alloy valve cap	TT1216



TT1434

TT1219

GT6 and Vitesse models

Inlet valve large size 1.44"	TT1714
Inlet valve larger size 1.475" (race)	TT1234
Exhaust valve large size 1.25"	TT1715
Bronze valve guide set	TT1219
Valve spring set	TT1207
Valve spring set (race)	TT1708
Alloy valve cap	TT1216



TT1217

TT1910

TT1218

ROCKER SHAFTS AND ACCESSORIES

All cars will benefit from a tufridged rocker shaft, particularly tuned cars using higher revs. They are stronger, so will resist wear and breakage.

Note: The tufridged rocker shaft must be thoroughly cleaned of the salts used during the hardening process, as with all rocker shafts check the end plugs are in place before fitting.

The friction and side loads on the rockers can be reduced and the location improved by using a spacer set instead of the rocker shaft springs. Pedestal shims are to be used with a skimmed or high compression cylinder head, enabling the correct rocker angles to be maintained. Nominal thickness 0.032" each.

Spitfire & Herald tufridged rocker shaft	TT1317
Spitfire & Herald rocker spacer set	TT1318
GT6 & Vitesse tufridged rocker shaft	TT1217
GT6 & Vitesse rocker spacer set	TT1218

All models rocker pedestal shim	TT1910
All models uprated rocker pedestal nut	51K1193B

TIMING GEARS

A vernier cam gear allows the camshaft to be installed at exactly the right figure, maximising the benefit from the cam. Spitfires, Heralds and 2 litre 6 cylinder engines will benefit from fitment of a duplex timing chain kit, with or without vernier, for improved reliability.

- 6 cylinder (duplex models) vernier cam gear TT1225
 6 cylinder heavy duty timing chain 2H4286UR
 1147-1300* duplex gear set TT1328
 1147-1300* duplex gear set with vernier cam gear TT1328X
 1300*-1500 duplex gear set TT1428
 1300*-1500 duplex gear set with vernier cam gear TT14281
 (*Small bearing models. **large bearing models).
 2 litre (6 cyl.) duplex gear set TT1428
 2 litre (6 cyl.) duplex gear set with vernier cam gear TT14281



TT2929



GGL1039



GGL9122X

CAMSHAFT AND ENGINE BUILDING ESSENTIALS

Invaluable if you are installing a camshaft or doing any major engine work.

- Timing disc TT2929
 Cam lube 250ml KEN2
 Graphogen engine assembly lube 125g GGL9122X
 Permatex medium strength threadlock, blue, 50ml GGL1039
 Wellseal gasket compound 100ml 600569A
 Silicone gasket maker 200ml GGL1009

CAMSHAFTS

All the cams listed are ground from new blanks, eliminating problems resulting from regrinding worn old camshafts. If you increase the engine capacity of your car it will lower the effective rev range of your camshaft. Care must be taken when choosing your camshaft and other components to ensure you get the best out of them.



For the more extreme camshafts you will need a flowed head with bigger valves and the fuelling will have to be modified to suit, either with Weber carburettors or appropriately modified fuel injection. If you want to minimise other modifications use a mild camshaft. Important: New cams will only be warranted if assembly lube is used and fitted with new followers.

Type	6 cylinder models	Spitfire small bearing	Spitfire large bearing
Road	Road 83 TT10504N Road 89 TT14041N		
Fast road	Fast road TT10405N Fast road 89 ... TT12041N Fast road 89 ... TT14051N	Fast road 212164/TH5 Fast road 89 ... 212164/TH6	Fast road TT1405N Fast road 83 ... TT10505N
Sprint	Sprint 90 TT1244N		
Race	Race 95 TT16061N	1500 race 97 .. TT13062N	Race 97 TT14063N

ROLLER ROCKERS

The roller rocker kit replaces the complete rocker assembly. The advantages are lower friction, less side loading on the valves and the ability to withstand the stresses of high rpm without breaking. Standard rockers give a ratio of 1.5:1, if using rockers with a higher ratio it is vital to check the valve springs for coil binding when using with high lift cams. A rocker feed kit and tubular push rods must be used with roller rockers.

- Spitfire & Herald high lift 1.55:1 TT1445
 Spitfire & Herald high lift 1.65:1 TT1446
 6 cylinder high lift 1.65:1 TT1246
 4 cyl. large dia. valve spring set, for roller rockers TT1408
 4 cyl. lightened valve spring caps (each) TT1116
 6 cyl. large dia. valve spring set for roller rockers TT1708
 6 cyl. lightened valve spring caps (each) TT1116



TT1209

TT1433

CAM FOLLOWERS AND PUSH RODS

Our lightened and surface hardened cam followers allow for high revs while reducing loads on the camshaft. Our lightweight tubular pushrods are stronger than the originals and are made to suit a high compression cylinder head. Supplied individually.

- Lightweight cam follower TT1209
 6 cylinder (to 1972) high compression push rod 8.11" TT1233
 6 cylinder (1972 on) high compression push rod 8.25" TT10433
 Spitfire & Herald* push rod high compression 7.80" TT1433
 (*1300, 1500 and standard 1147).



AEROSCREEN

This Aeroscreen is a faithful replica of the classic 'Brooklands' Aeroscreen. Made from laminated safety glass, with a polished aluminium frame and supplied with chrome plated fittings and mounting stems. You will also need 4 screws to fix them to the scuttle.

Aeroscreen with stems (each) 700896
 Screw Aeroscreen to scuttle (4 required) AD608063
 Aeroscreen stem kit replacement (pair) 700896FK



LOCKING PETROL CAPS

Protect your valuable fuel and stop anyone dropping anything unwanted in your tank with one of our locking fuel caps. These caps are suitable for Spitfire, GT6 MkI-II, Herald and Vitesse models.

Chrome original style round cap 571086
 Chrome original style flip-up lozenge cap GAC6001X



CLASSIC HORNS

Choose a horn that suits your classic most. A chrome classic horn is suitable for most classic cars and will help smarten the under bonnet area, or you could go for the distinctive sounding Lucas style windtone horn set as fitted to many classic cars. Let them know you're coming with our twin horn set including two tuned horns, a heavy die cast compressor, all the necessary fittings and full instructions (may not be legal for road use, please check local regulations).

Chrome classic horn 105mm MT9143
 Windtone horn set 1B9007/8
 Dual air horn kit GAC9978X



VALVE CAPS

These valve caps with the classic Triumph TR shield are a must for any true enthusiast.

Triumph valve cap set HMP190129



DECALS

A small selection from our range of decals available for your car, please refer to the main catalogue for a listing of the exact requirements for your model.

- 1 Leyland Special Tuning Abingdon - green CRST153
 Negative earth sticker CRST113
 Unipart filter sticker CRST119
 Tudor water bottle sticker CRST124
 Triplex screen sticker CRST125
- 2 British Leyland house sticker CRST126
 Lucas coil sticker CRST156
- 3 Leyland Special Tuning sticker CRST110
 TriumphTune medium decal DEC104B



CLAMP-ON BOOT RACKS

Boot racks are an extremely useful accessory, particularly when touring, providing invaluable extra luggage space. These clamp-on boot racks are a universal fitment that have rubber mounting pads and clamp to the sides of the boot lid. Measures: 88cm width, and 46cm depth. Supplied with a removable support bar.

Alloy boot rack GAC4001
 Alloy boot rack with wood slats GAC4005X
 Stainless steel boot rack GAC4004SS
 Stainless steel boot rack with wood slats GAC4005SS
 Fitting kit, replacement, (rubbers & brackets) BRK2



BOLT-ON BOOT RACK

Designed to be permanently fitted, these high quality racks will give your classic that true British sports car look.

MkI-III chrome boot rack GAC6603



SPITFIRE HOODS

The hoods supplied by Moss are made on jigs matching those used by the factory. The vinyl used is from the same supplier that supplied the Triumph factory. These are the closest you will get to an original hood in terms of quality, fit and appearance.

Mohair was the original material used on the Triumph Stag, it gives a high quality, fade free look but can be more difficult to fit as it has less stretch than vinyl. All mohair hoods have their windows sewn in, it is the only reliable way of attaching a window to these materials.

Spitfire MkI-II

Vinyl hood fixed window white	807125
Vinyl hood fixed window black	807124
Mohair hood fixed window black	807124MH

Spitfire MkIII to FD75000

Vinyl hood fixed window white	811639
Vinyl hood fixed window black	811638
Mohair hood fixed window black	811638MH

Spitfire MkIII from FD75001

Vinyl hood zip out window white	817889
Vinyl hood zip out window black	817881
Mohair hood zip out window black	817881MH

Spitfire MkIV-1500

Vinyl hood zip out window black	XKC1781
Vinyl hood zip out window black aftermarket	XKC1781B
Mohair hood zip out window black	XKC1781MH



CAR COVERS

Protecting your cherished classic with a car cover will help to keep the paint, hood and brightwork in the best possible condition and safe from the elements. Whether you need a cover to keep the dust off your car whilst in your garage, a lightweight cover to take to the shows and occasional use, or a cover that provides weather protection for cars kept outside all year round. Moss has the perfect car cover to fit your car!

Loose fit indoor covers

Loose fitting indoor covers made from a soft non-scratch blue poly-cotton/ polyester mix material that is Scotchguarded making it damp and drip resistant. Elasticated ends for a snug fit and door zips to allow easy access. Car covers must only be used on a dry car.

Loose fit indoor dust coverGAC9501

Weatherproof outdoor covers

Our outdoor weatherproof car covers are manufactured from breathable fabric and feature double-stitched seams throughout, with neoprene elastic sewn into the front and rear hems. Fitted with reinforced, scratch-proof grommets for tying down. Note: No car cover is completely waterproof. Car covers must only be used on a dry car.

Mosom Plus (2 year warranty)

Rain resistant, yet breathable, it features a multi-layer polypropylene fabric which remains soft and pliable in all weather conditions with a soft lining. Recommended for short-term outdoor use, ideal for use in outdoor covered areas such as car ports. It also works well for an upgrade indoor cover. Car covers must only be used on a dry car.

Mosom Plus car cover237-510



TONNEAUS

Protect your interior from prying eyes and the harmful effects of the sun's rays when parked with the hood down with a quality tonneau cover made to the original specifications. Special requirements may be available to order please contact your nearest Moss branch.

MkI-II up to (c) FC50000

Vinyl no headrests white LHD 706821

MkI-II from (c) FC50001

Vinyl no headrests white LHD 708886

Spitfire MkIV-1500

Vinyl no headrests black LHD 822461

Vinyl no headrests black RHD 822451



VINYL HOOD STOWAGE COVERS

Keep the folded hood or hood sticks tidy and protected by using a stowage cover.

Hood stowage cover black	822401
Hood stowage cover black aftermarket	822401B
Hood stowage cover beige	822404
Hood stowage cover beige aftermarket	822404Z
Hood stowage cover black*	822431

*Original style, for use with hardtop.



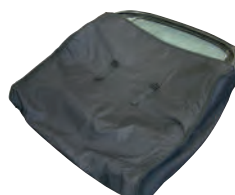
GAC2022X

CABLE AND LOCK

Make your cover secure and keep prying eyes away with this cable and lock.

Car cover cable and lock GAC2022X

Stowage bag GAC2013X



GAC1005



MXV1120X

HARDTOP STORAGE

Protect your hardtop when it's off the car and keep it out of the way with one of our hardtop storage systems.

Universal hardtop storage pouchGAC1005

Universal hardtop storage caddy and coverMXV1120X



TT6901

WHEEL SPACERS

These spacers allow small adjustments to be made to the offset when fitting alternative wheels. They can also be used if you don't wish to shorten your wheel studs when fitting a wire wheel conversion.

- 3mm wheel spacer set (pair)TT6901
- 6mm wheel spacer set (pair)TT6902



WHEEL TRIMS

Another popular accessory from days past were wheel embellisher trims. Fitted in seconds, these polished stainless steel trims instantly improve the appearance of steel wheels - without breaking the bank.

- Spitfire wheel trim 13" (each)GLZ225Z
- Spitfire wheel trim 13" (set of 4) GAC2254X



WHITE WALL TYRE TRIMS

A popular accessory in the past were white wall tyres, unfortunately if you can find them now they tend to be made for the US market and of a much harder compound than European tyres.

However, we are able to supply a rubber ring which is sandwiched between the wheel rim and the tyre wall, recreating the look of white wall tyres but using better quality modern tyres.

- White wall trim for 13" wheels (set of 4) GLZ225WWX4



STAINLESS STEEL WHEEL NUTS

Replace those rusty old chrome wheel nuts with new stainless steel nuts that will stay shiny for longer.

- Spitfire stainless steel nut (each) 155751SS



LOCKING WHEEL NUT SET

The TriLock system uses a socket with 3 pins that are uniquely matched to the locking nuts. These locking nuts are not suitable for original steel wheels, use only with replacement alloy wheels. They are sold as a set of four and are supplied with a security socket for removal.

- Spitfire locking nut set.....MLN007



GAC8260X

REVOLUTION ALLOY 4 SPOKE

These classic 4 spoke revolution alloy wheels feature black centres with a diamond cut polished rims and look great on a Spitfire. Supplied individually with centre cap. Wheel nuts sold separately.

- Revolution alloy - 4 spoke 13" x 5.5" (each) GAC8260X

- Wheel nut - tube type (each)TT6320
- Centre cap - replacement (each) GAC8277X



GAC8226X

TT63171

MINATOR BOLT-ON REPLICA ALLOY WHEELS

These eight spoke, Minator bolt-on alloy wheels are a timeless classic design, adding a period charm to your classic. They are manufactured using the latest techniques and testing procedures to ensure the highest quality and reliability.

Available in 13" diameter with either a 5" or 6" rim widths, with the correct offset to fit standard bodywork. A 14" is also available; this requires arch modification or can be used for kit and special models.

The wheels are sold individually and are supplied with centre caps. Please use the wheel nuts listed below for each wheel. Before choosing your tyres, please ensure there is adequate clearance between tyres and wheel arches.

- Minator bolt-on alloy 13" x 5" 8 spoke - silver GAC8223X
- Minator bolt-on alloy 13" x 5" 8 spoke - gun metalGAC8223F
- Minator bolt-on alloy 13" x 6" 8 spoke - silver GAC8226X
- Minator bolt-on alloy 14" x 6" 8 spoke - silver TT63171
- Replacement centre cap - metal painted (each)..... GAC8211X (For early 8 spoke alloys with 55mm hole).
- Replacement plastic centre cap - silver (each) GAC8201XPP
- Replacement plastic centre cap - gun metal (each).....GAC8201XPF (For current 8 spoke alloys with 52mm hole).

AHA8785



- Wheel nut - for 13" wheelsAHA8785
- Wheel nut stainless - for 13" wheels AHA8785SS
- Wheel nut - for 14" wheel.....TT6320



AC7048X

CENTRE LOCK CONVERSION KITS

Convert your conventional steel wheel rear and front hubs to accept splined hubs, enabling the fitting of wire wheels. Our kits contain everything you need to convert to centre lock wheels, including full instructions, splined hubs and all the necessary hardware, chrome spinners and a copper hide mallet. Our hub conversion kits do not contain road wheels. Check local regulations for eared spinners.

Important note: Wheel studs will require shortening for all models.

Fits: Spitfire, GT6, Herald and Vitesse.

Two eared style spinner kit GAC7047X

Octagonal style spinner kit GAC7048X



452-766

WIRE WHEEL ESSENTIALS

Creating an air tight seal on a wire wheel can be somewhat difficult, making the use of inner tubes necessary and, to prevent the inner tube chaffing against the spoke nipples, the fitting of a rim band is highly recommended.

Inner tube for 13" x 145/155 tyre 452-766

Rim band for 13" wheel 452-730



GGL9205X

AHH5839W

MM385-800

AHH5839

C27290

WIRE WHEEL TOOLS

The use of a soft-faced hammer is essential if you do not want to damage chrome plated spinners when removing or fitting centre lock wheels. We have a choice of three soft hammers. Extra long spanners are also available, providing much greater leverage for spinners and therefore easier fitting. To help keep your wire wheels looking like new we recommend you use our specialist cleaning kit. We also supply a special lubricant to help keep the splines in good condition.

Copper and hide hammer C27290

Copper faced hammer 11B5166

Spoke adjusting spanner MM385-800

Short octagonal spanner AHH5839

Long octagonal spanner MM386-120

Long spanner 2-eared MM386-125

Wooden wrench 2-eared AHH5839W

(This unique double ended knock-off wrench, made from plywood, slips over the spinner for easy tightening and removal of spinners. Do not use with a hammer, simply stamp or stand on the ear to tighten or loosen).

Wire wheel cleaning kit GAC4134X

Spline lubricant copper-eze 50g GGL9205X

(Essential for maintaining the splines and threads of hubs, wheels and spinners).

OFFSET SPLINED HUB CONVERSION KIT

If you have ever wanted to fit larger diameter or wider wire wheels to your Spitfire/Herald, but were always told you couldn't, well think again. Moss can now supply (a set of 4) easy to fit bolt-on splined hubs that fit directly onto your existing (front disc brake type) hub flange utilising the original wheel studs.

Note: Suitable for custom built cars using Spitfire running gear. Because these splined hubs have an ingenious off-set, they allow you the choice of fitting 14"-15" diameter (centre lock) alloy or wire wheels - and, a choice of different rim widths. So now you really can make your classic not only look good, but you can make it a real head turner. Please call for full range of wheels.

Spitfire off-set splined hub kit GAC7051X

Replacement wheel nut 144504

(Unless you already have standard bolt-on centre lock/splined hubs already fitted, you will also need to order 16 nuts part no.144504).



WWC466

WWP466

WIRE WHEELS

An essential part of a British classic sports car's styling was the fitment of wire wheels. Whether they were fitted as standard or not, a set of chrome wire wheels will not only enhance the appearance of your car, but also the value.

Our wire wheels have stainless steel nipples and spokes, available in 60 spoke, chrome or painted, standard or uprated. Before fitting your tyre choice, please ensure there is adequate clearance between the tyres and wheel arches.

Chrome finish wire wheels

Spitfire standard 13" x 4.5" 60 spoke WWC466

Spitfire competition 13" x 5.5" 60 spoke WWC5729

(The competition wheel is centre laced).

Painted finish wire wheels

Spitfire standard 13" x 4.5" 60 spoke WWP466



AHA7374

88G607

107949/3

CENTRE LOCK SPINNERS

All our centre lock spinners are made from the highest quality materials and are precision engineered to ensure an accurate fit. We have three styles of spinner to choose from, octagonal, two or three eared. The two and three eared spinners can be fitted with a hammer or spanner while the octagonal spinners require fitting with a spanner. Please check local regulations for eared spinners.

Two eared spinner (8tpi) righthand AHA7373

Two eared spinner (8tpi) lefthand AHA7374

Three eared spinner (8tpi) righthand 107948/3

Three eared spinner (8tpi) lefthand 107949/3

Octagonal spinner (8tpi) righthand 88G606

Octagonal spinner (8tpi) lefthand 88G607

GAC4608



GAC4609



AUXILIARY REVERSE & FOG LAMPS

Many classics were not originally fitted with reverse or rear fog lamps. These universal polished stainless steel lamps measure 55mm x 110mm (2" x 4.5" approx.) and can be easily fitted, ideal for mounting under bumpers etc...

Fog lamps require an illuminated switch mounted visibly on the dashboard.

Auxiliary fog lamp	GAC4608
Auxiliary reverse lamp	GAC4609
Bulb replacement 12V 20W (each)	GAC4608B



3H3058



GWW102X



RTC430A



GAE132G

GENERAL SWITCHES

Our range of period style switches are for general purpose use. Use a momentary switch for starters, horns, washers, and the 1 position for auxiliary lamps.

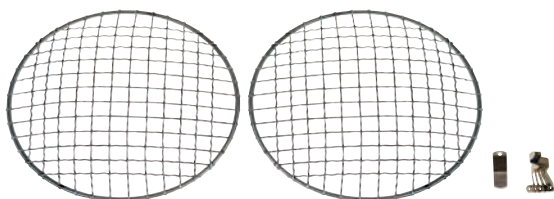
Push button switch momentary	3H3058
Toggle switch momentary	GWW102X
Toggle switch on/off	RTC430A
Pull switch on/off - white illumination	GAE132
Pull switch on/off - green illumination	GAE132G
Pull switch on/off - red illumination	GAE132R
Pull switch on/off - yellow illumination	GAE132Y
Fuse holder inline	UKC4446



ALLOY HEADLAMP RIMS

Give your classic that individual look and save maybe a gram or two with these anodised silver aluminium headlamp rims.

Alloy headlamp rim (each)	500929ALLOY
---------------------------------	-------------



CHROME HEADLAMP STONE GUARDS

Add some protection to your headlamps with these period chrome guards.

Stone guard chrome clip fit (pair)	GAC8000X
--	----------



CHROME HEADLAMP PEAKS

A good excuse to fit some chrome.

Headlamp peaks (pair)	GAC7999X
-----------------------------	----------

SPOT & FOG LAMPS

Give your car a classic rally look with our range of lamps, and see where you're going at night! The spot & fog lamps can be fitted with using a lamp bar. All use an H3 replacement bulb GLB453 and can be fitted using the universal wiring kit GAC4027.



GAC4610



WPS6007



Chrome 5.5" standard pattern spot lamps (pair)	GAC4610
Chrome 5.5" standard pattern fog lamps (pair)	GAC4611
Replacement bulb H3	GLB453
Replacement bulb H3 Xenon 30% brighter (each)	GLB453X
Wiring fitting kit (universal)	GAC4027

Wipac 5.5" chrome plated driving & fog lamps, with tough plastic lens covers.

Driving lamp (pair) - Wipac	WPS6007
Fog lamp (pair) - Wipac	WPS6078



BHA4399



MM162-800



MM162-701

PERIOD STYLE LAMPS

These outstanding reproductions of the original Lucas L576 units are available as either a driving lamp with a clear lens or a fog lamp with a fluted lens in either a base or back mounting. Use a back mounted fluted lamp as a works style reverse lamp.

Driving lamp with clear lens (each)	MM162-701
Front fog lamp with fluted lens (each)	MM162-800
Back mounted lamp with fluted lens (each)	BHA4399
Back mounted lamp with clear lens (each)	57H5322

Don't worry if your spot or fog lamp gets damaged we stock replacement glass lamp units, so you don't have to buy the whole lamp again.

Replacement lamp unit with fluted lens (each)	ACG5179
Replacement lamp unit with clear lens (each)	57H5015
Replacement bulb driving lamp (each)	GLB185
Replacement bulb fog lamp (each)	GLB323



H4 HALOGEN HEADLAMP CONVERSIONS

Fitting modern halogen headlamps is one of the most worthwhile safety improvements you can make to your classic. Powerful halogen bulbs combined with improved lens design, result in a superior light beam and pattern. Replacement lens units are available, please see the Restoration section.

Wipac quad optic kits

No pilot RHD (pair)	GAC4022
No pilot LHD (pair)	MGE203
With pilot RHD (pair)	GAC4023Z
With pilot LHD (pair)	WPS4699

Aftermarket H4 asymmetric kits

Aftermarket H4 asymmetric halogen lamp units, only available with a pilot light.

With pilot RHD (pair)	GAC4023
With pilot LHD (pair)	LULUB802

You can choose to fit the standard 60/55W H4 bulbs, or replace them with either uprated H4 100/90W or super white xenon bulbs. The super white xenon bulbs are approximately 30% brighter than halogens.

Replacement bulbs

H4 60/55 watts (each)	GLB472
H4 100/90 watts (check regulations) (each)	GLB484
Xenon H4 60/55 watts (pair)	GLB472X
Xenon H4 60/55 watts blue tint (pair)	GLB472BLU



TRIPOD HEADLAMPS

Original equipment on early British cars. These Tripod style headlamps can be retro fitted to any suitable classic, but expect a reduction in light output. Suitable for period drives in the country on a warm summers evening. Tripod headlamps use BPF bulbs.

Tripod headlamp assembly RHD (each)	506370X
Tripod headlamp assembly LHD (each)	506372X
Tripod lamp unit RHD (each)	LU554308
Tripod lamp unit LHD (each)	LU555296
Replacement bulb RHD (each)	GLB414
Replacement bulb LHD (each)	GLB415



HEADLAMP RELAY KITS

Fitting halogen headlamps puts high loads on electrical components. These kits allow easy installation of relays into the headlamp circuit allowing for the high current circuit to be run through the relay. Fitting relays in headlamp circuits protects your wiring and reduces the resistance in the circuit allowing full power to the lamps. Kits include relays and fittings. The single relay kit can also be used for wiring spotlamps, horns and other electrical accessories.

Headlamp relay kit 2 relay	117-515
(Inc: 2 relays, pre-wired relay holders, fitted terminals, fittings & instructions).	
Relay kit 1 relay	GAC4027
(Inc: 1 relay, non-assembled wiring, terminals & fittings).	
PVC tubing black pre cut metre	504806



CRYSTAL HALOGEN HEADLAMP KITS

These crystal lamps give your car a modern look with the beam pattern moulded into the reflector rather than the lens. Manufactured with a tough polycarbonate clear lens they are available with or without pilot lamp, and are a direct replacement for original 7" sealed beam or H4 conversion lamp units. Headlamp bulbs are supplied separately.

Crystal halogen without side light kit** (pair)	GAC4022X
Crystal halogen with side light kit** (pair)	GAC4023X
(**'E' marked for legal road use, use dipping H4 bulbs. RHD only).	
Crystal halogen with angel eye kit* (pair)	GAC4600
Crystal halogen kit* (pair)	GAC4615
(*NOT 'E' marked for legal road use, no dip pattern).	



DOOR MIRRORS

British Leyland type door mirror

These mirrors were originally offered for MkIV models but will fit all the Spitfire and GT6 range. Simple external screw fitting and are suitable for lefthand or righthand mounting.

Stainless steel flat anti-glare glass RH (each)	GAM258X
Stainless steel flat anti-glare glass LH (each)	GAM259X
Black finish flat glass RH (each)	GAM261X
Black finish flat glass LH (each)	GAM262X

Replacement glass - flat tinted (each)	GAM207T
Replacement glass - convex tinted (each)	GAM208T



WING MIRRORS

Whether you fit the Tourist Trophy Long arm style, round mirrors or the later Leyland rectangular style, these accessories will add that finishing touch.

Chrome short arm (fixed type)

Chrome flat glass curved arm (wing only) (each)	GAM1001
Chrome flat glass cranked arm (each)	GAM1001X

(These mirrors can be fitted on either righthand or lefthand).



Long arm style (fixed type)

Chrome convex glass RH (each)	WM1904
Chrome convex glass LH (each)	WM1905
Chrome flat glass RH (each)	WM1906
Chrome flat glass LH (each)	WM1907

Late style (spring back type)

Chrome flat glass (each)	GAM118
Chrome convex (each)	GAM117

(These mirrors are suitable for righthand or lefthand mounting).

BULLET STYLE MIRRORS

Add that classic racing look with these retro polished finish bullet mirrors...



Long base mirrors

These feature a 3.75" long base and are fixed with two screws from inside the door at 2" centres. Suitable for left or righthand mounting.

Chrome flat glass	GAM105
-------------------------	--------

Long base racing mirror

This mirror features a larger 4.25" lens with a 3" base. It is externally fitted to the mounting bracket. Suitable for lefthand or righthand mounting.

Chrome flat glass	222-390
-------------------------	---------



British Leyland style mirrors

These feature a 3.75" long base and are plinth mounted as per British Leyland style door mirror. They are interchangeable with British Leyland type door mirror. Use adaptor plates to fit to doors with late type captive nuts.

Chrome flat glass RH	GAM106
Chrome flat glass LH	GAM107
Adaptor plate kit RH	CZH1626
Adaptor plate kit LH	CZH1625



Dual base mirror

Dual base mirror is supplied with two bases; the short base is 2.25" long and the large is 4.5" long, the mirror can be fixed to the car using either base to cover previous mirror fixing holes. Suitable for left or righthand mounting.

Dual base chrome flat glass	222-372
-----------------------------------	---------



RAYDYOT REPRODUCTION MIRRORS

Raydyot mirrors were often bolted to racing and performance cars in the 1950s and 1960s. Their brushed aluminium design was extremely lightweight and strong. Moss has captured not only the distinctive look and character of the original Raydyot mirror, our aluminium reproductions also share the same performance advantages.

Raydyot alloy flat glass	222-355
Raydyot alloy convex glass	222-356



222-602



GAC6790



MRAC801S

BONNET STRAPS AND PIN SET

Works style bonnet straps add a classic race & rally look to any classic car. Originally used by the factory BMC Special Tuning department to prevent unwanted opening of the bonnet these straps are perfect for those recreating that retro rally car look or just wanting peace of mind.

Manufactured from high quality leather with stainless steel end plates. Available in tan or black either individually or in pairs. Or choose a set of stainless steel bonnet pins to give a modern competition look. Some bodywork modification is required to enable their use.

Bonnet strap black (single)	222-601
Bonnet strap set black (pair)	222-602
Bonnet strap tan (single)	222-729
Bonnet strap set tan (pair)	222-728
Stainless steel pin set	MRAC801S
Spring kit, stainless steel, black	GAC6790
Spring kit, stainless steel, silver	GAC6789



BHH973S

IMPROVED DOOR LOCKS

Suitable for Spitfire MkII-III and GT6 MkI-II. Both sets of door locks are direct replacements for the original locks but are located using a large nut instead of the flimsy clip used originally. The security lock set also uses a round key that helps to keep the light fingered at bay.

Nutfix lock set (2 door locks)	621773PX
Secure lock kit (2 door locks)	BHH973S



BONNET LOCKS

These bonnet locks are for all Spitfire, GT6, Herald and Vitesse models. Fitted next to the bonnet catches they lock the catch in the closed position giving greater security to those valuable under bonnet components.

Bonnet locks (pair)	TT7364
---------------------------	--------



DOOR THRESHOLD PLATES

Protect your paint from scuffs and scratches. Our highly polished stainless steel door step threshold plates, can be fitted by screws, rivets, glue, or double sided tape. Fittings not included.

Stainless steel with laurel (each)	TT7346
--	--------

GAE128X



GAE124X



GAE127X



LUSJB100



GAE120



GAE122



AUXILIARY GAUGES

We offer a range of new gauges in the classic Smiths style with chrome bezel, black faces and white lettering. Custom build your own dash assembly with these gauges or add them as auxiliary instruments to a wooden dash board. All gauges come with bulb holders and retaining brackets.

Clock full face 52mm - black	GAE128X
Clock full face 52mm black bezel (inc. plinth) - black	GAE128Z
Electric water temp. half face* 52mm - black	GAE124X
Oil temperature half face* 52mm - black	GAE129X
Capillary oil pressure half face* 52mm - black	GAE123X
Capillary water temp + oil press dual* 52mm - black.	GAE127X
(Includes fittings).	
Capillary water temp + oil press dual* 52mm - black.	LUSJB100
Dynamo ammeter half face 52mm - black	GAE120
Alternator ammeter half face 52mm - black	GAE121
Voltmeter half face 52mm - black	GAE122

Gauge fittings (*may be required)

Nylon pipe for oil pressure gauge	LUSIB703
Y piece for oil pressure gauge	LUSIB748
Male/male adaptor for oil pressure gauge	CAM6431
Leather washer for oil pressure gauge	2K4936
Male/female adaptor for water temperature gauge	11K2846
Male/male adaptor for water temperature gauge	11K2846X



BONNET LIFT KIT

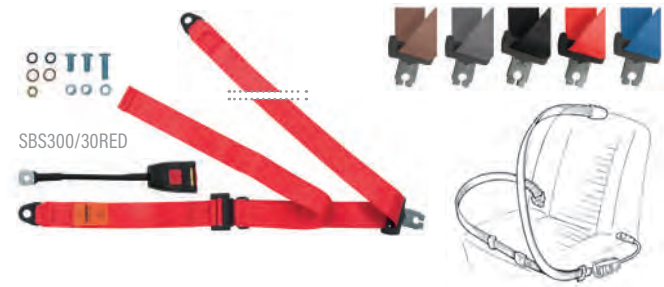
Lifting and lowering your Spitfire bonnet shouldn't be a struggle, and with this bonnet lift kit it doesn't have to be. This kit provides ample support with powerful, built-in gas struts that not only make lifting and lowering the hood easier, they do most of the work for you. What's more, this kit is designed and custom built with functionality in mind, so no drilling is necessary! In short, this kit will keep it simple for you so you can get to the good part worry free.

Spitfire MkI-III bonnet lift kit. ....	.867-105
Spitfire MkIV-1500 bonnet lift kit .....	.867-115

SECURON SEAT BELT & HARNESS KITS



This is our range of suggested Securon replacement seat belts to best suit Spitfire models. All Securon seat belt products are ‘E’ approved for road use. On cars not originally fitted with seat belts it is essential that the belts be fitted carefully and that the correct hardware is used. Each kit contains suitable bolts for each mounting point, but you will need to use the reinforced nut plates (Part No: TT7968) where necessary.



Static seat belts

These can be bolted to the upper mounting on the wheel arch, the end of the webbing is retained at the sill mounting, and the stalk is fitted to the tunnel. Once positioned the strap can be adjusted for length and fit on the oversoulder section of the belt.

- Static seat belt kit - black.....SBS300/30
- Static seat belt kit - red SBS300/30RED
- Static seat belt kit - beige..... SBS300/30BGE
- Static seat belt kit - grey.....SBS300/30GREY
- Static seat belt kit - blue SBS300/30BLU



Automatic seat belts

The reel should be bolted to the lower inner side of the rear wheel arch and the guide at shoulder level on the wheel arch. The end of the webbing is retained at the sill mounting, and the stalk is fitted to the tunnel. The reel must be mounted vertically for the mechanism to operate correctly. This is the recommended inertia reel seat belt mechanism as it allows clearance for the hood frame when folded.

- Automatic seat belt kit - black.....SBS500/30
- Automatic seat belt kit - red..... SBS500/30RED
- Automatic seat belt kit - beige..... SBS500/30BGE
- Automatic seat belt kit - grey.....SBS500/30GREY
- Automatic seat belt kit - blue..... SBS500/30BLU

Seat belt extender

This can be used to safely extend the seat belt if required. It should only be bolted to the sill mounting position

- Seat belt extender - red only.....SBS227



Harness fittings

- Eye bolts (pair) - use with clip-in mountingsTT7967
- Bolt & spacer (pair) - use w/ plate mountingsTT7969
- Nut plates (pair) - reinforced for fixing boltsTT7968



HARNESS KITS

Harness kits for road use ‘E’ approved

These belts feature 2” webbing with bolt through plate mountings (use with bolts TT7969). Fully adjustable lap and shoulder straps with compact buckle catch. ‘E’ approved for road use.

- 3 point harness kit - black.....SBH628BLACK
- 3 point harness kit - red.....SBH628RED
- 3 point harness kit - blue.....SBH628BLUE
- 4 point harness kit - black.....SBH629BLACK
- 4 point harness kit - red.....SBH629RED
- 4 point harness kit - blue.....SBH629BLUE



These belts feature 2” webbing with clip-in snap hook mountings (use with eye bolts TT7967). Fully adjustable lap and shoulder straps with load spreaders on lap belts and a compact buckle catch. ‘E’ approved for road use.

- 3 point harness kit - black.....SBH605BLACK
- 3 point harness kit - red.....SBH605RED
- 3 point harness kit - blue.....SBH605BLUE
- 4 point harness kit - black.....SBH655BLACK
- 4 point harness kit - red.....SBH655RED
- 4 point harness kit - blue.....SBH655BLUE

VINTAGE COMPETITION LAP BELT

The ultimate sporting accessory, ideal for early British classics, it features a quick release buckle and includes fittings. This belt is not type approved therefore should only be used in cars that pre-date seat belt regulations.

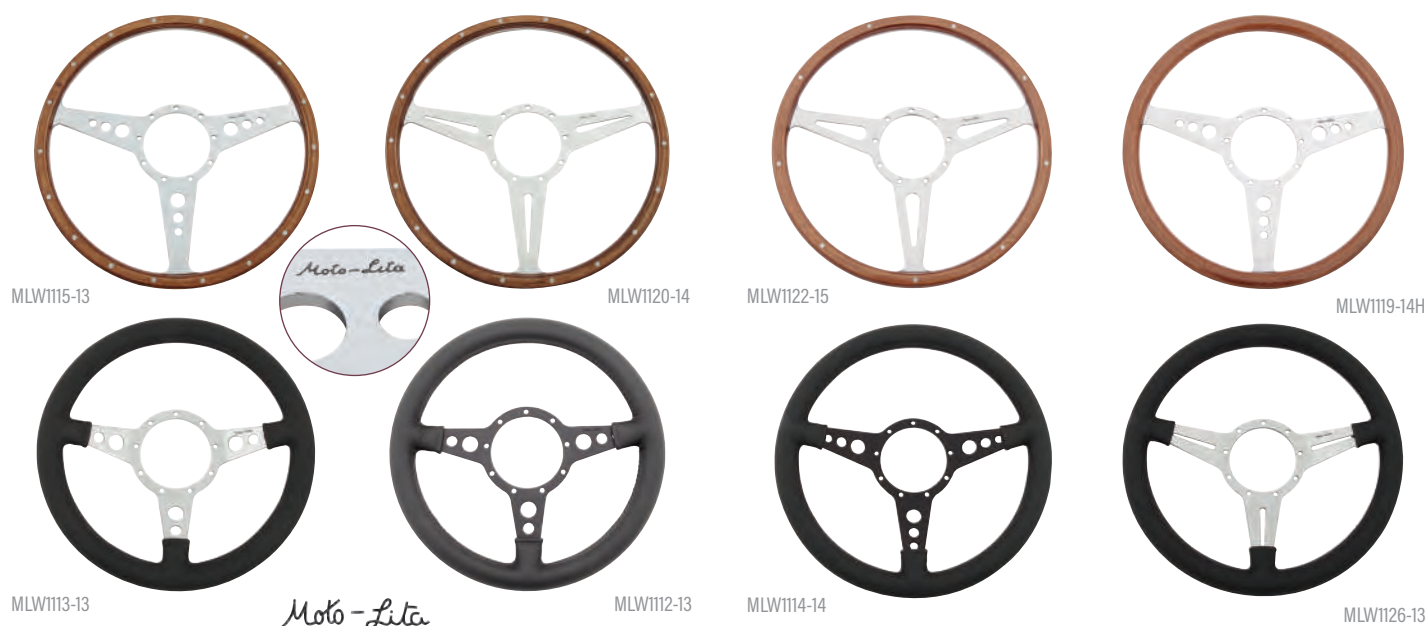
- Vintage competition lap belt (each)222-211



PERIOD STYLE SEAT BELT

This period style seat belt features a chrome catch and fittings. Note: Not ‘E’ marked, requires plates TT7968 and bolt spacer kit TT7969.

- Period style seat belt222-205



MOTO-LITA STEERING WHEELS

Moto-Lita are among the finest replacement steering wheels available. Designed to enhance the appearance of the cockpit and provide an improved feel for the driver. Available in a variety of styles, materials and sizes to suit, please see our website for the full list of options. All steering wheels listed feature drilled spokes, except where detailed.

Wood rimmed steering wheels

Mk3 flat polished spokes 13" MLW1115-13
 Mk3 flat polished spokes 14" MLW1115-14
 Mk3 flat polished spokes 15" MLW1115-15

Mk3 dished polished spokes 13" MLW1116-13
 Mk3 dished polished spokes 14" MLW1116-14
 Mk3 dished polished spokes 15" MLW1116-15

Mk3 flat polished spokes with thin slot 14" MLW1120-14
 Mk3 flat polished spokes with thin slot 15" MLW1120-15

Mk3 flat polished spokes with wide slot 13" MLW1122-13
 Mk3 flat polished spokes with wide slot 14" MLW1122-14
 Mk3 flat polished spokes with wide slot 15" MLW1122-15

Mk3 dished polished spokes with thin slot 13" MLW1125-13
 Mk3 dished polished spokes with thin slot 14" MLW1125-14
 Mk3 dished polished spokes with thin slot 15" MLW1125-15

Leather rimmed steering wheels

Mk4 flat polished spokes 12" MLW1111-12
 Mk4 flat polished spokes 13" MLW1111-13
 Mk4 flat polished spokes 14" MLW1111-14
 Mk4 flat polished spokes 15" MLW1111-15

Mk4 flat black spokes 13" MLW1112-13
 Mk4 flat black spokes 14" MLW1112-14
 Mk4 flat black spokes 15" MLW1112-15

Mk4 dished polished spokes 12" MLW1113-12
 Mk4 dished polished spokes 13" MLW1113-13
 Mk4 dished polished spokes 14" MLW1113-14
 Mk4 dished polished spokes 15" MLW1113-15

Mk4 dished black spokes 13" MLW1114-13
 Mk4 dished black spokes 14" MLW1114-14
 Mk4 dished black spokes 15" MLW1114-15

Mk4 flat polished spokes with thin slot 13" MLW1121-13
 Mk4 flat polished spokes with thin slot 14" MLW1121-14
 Mk4 flat polished spokes with thin slot 15" MLW1121-15

Mk4 dished polished spokes with thin slot 13" MLW1126-13
 Mk4 dished polished spokes with thin slot 14" MLW1126-14
 Mk4 dished polished spokes with thin slot 15" MLW1126-15

Mahogany rimmed steering wheels

Mk9 flat polished spokes with thin slot 14" MLW1119-14
 Mk9 flat polished spokes with thin slot 15" MLW1119-15

Mk9 flat polished spokes with holes 14" MLW1119-14H
 Mk9 flat polished spokes with holes 15" MLW1119-15H



MOTO-LITA ACCESSORIES

Adaptor boss

Use the appropriate boss to fit your Moto-Lita steering wheel, supplied with plastic centre cap with or without horn push as required.

Spitfire MkI-IV GT6 Herald & Vitesse MLW1117B20
 Spitfire 1500 MLW1117B45

Horn push and centre caps

Where specified the boss kits are supplied with a plastic centre cap/horn push. Replacement plastic centre cap/horn pushes are available, or you can upgrade to a polished aluminium centre cap/horn push, all feature a recess for a badge. Replacement ring and screw kits are also available.

Billet centre cap 3.5" MLW1117BCC
 Billet horn push 3.5" MLW1117BHP
 Moto-Lita centre cap MLW1117X1
 Centre cap and horn push MLW1117X2
 Polished ring kit MLW1117X3
 Black ring kit MLW1117X3B



TOURIST TROPHY STEERING WHEELS & BOSS

Designed to complement your classic, these wheels are handcrafted to high standards. Available with the choice of either a sporty leather rim or a classic riveted wood rim with a variety of spoke designs and finishes; drilled or slotted in either matt alloy or black. The frames are made from high strength aluminium.

Leather rimmed steering wheels

Leather rim black drilled spokes 14"	489-040
Leather rim matt alloy drilled spokes 15"	489-020
Leather rim matt alloy drilled spokes 14"	489-030
Leather rim black slotted spokes 15"	489-050

Laminated wood rimmed steering wheels

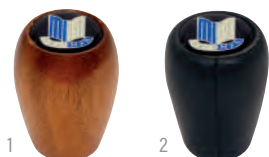
Laminated wood rim matt alloy drilled spokes 15"	489-060
Laminated wood rim matt alloy drilled spokes 14"	489-070
Laminated wood rim matt alloy slotted spokes 14"	489-085
Laminated wood rim matt alloy slotted spokes 15"	489-080

Solid wood rimmed steering wheels

Solid thick wood rim matt alloy drilled spokes 14"	489-095
Solid thick wood rim matt alloy drilled spokes 15"	489-090

A die cast alloy boss, and horn push with a high quality chrome and enamel badge bearing the marque emblem. The Tourist Trophy horn push is also available separately to fit existing Moto-Lita bosses.

Boss kit with horn push.....	853-786
(Spitfire 1962-1976 & GT6, Herald & Vitesse).	
Boss kit with horn push.....	MLW1117B45
(Spitfire models 1977-80).	
Horn push with TR badge	905-647



GEAR KNOBS

Choose either a varnished wood or leather gear knob featuring the TR emblem. Supplied with nylon self threading insert to enable easy fitting.

1 Wooden gear knob nylon insert.....	GAC6050X
2 Leather gear knob nylon inset	GAC6051X



GEAR STICK GAITER FINISHER KIT

Smarten up your gear stick with this easy to fit universal gaiter finisher kit. Some gaiters may require modification to fit. (Gaiter not included).

Gaiter finishing kit chrome.....GAC9540



MOUNTNEY STEERING WHEEL BOSS KITS

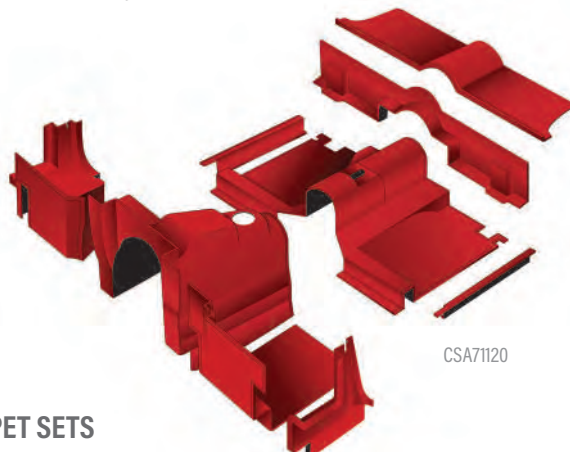


Mountney boss kits for your classic are an ideal economic alternative to other bosses. Because of their dual 6 and 9 hole mounting pattern they fit our range of Tourist Trophy and Moto-Lita steering wheels, as well as steering wheels from other manufacturers.

Please note: The internal diameter of your steering wheel centre mount needs to be 87.5mm with a PCD of either 6x101mm or 9x101.6mm.

Complete with screws, boss and a plastic centre cap with Mountney logo.

Boss kit, dual hole fitting, up to 1976, black.....	GAC9122
Boss kit, dual hole fitting, up to 1976, chrome.....	GAC9122XP
Replacement boss cap, chrome	GAC9127CP
Replacement boss badge, shield.....	GLB102
Replacement boss badge, wreath.....	GBL104



CARPET SETS

The spitfire's carpet remained the same shape throughout its production, meaning the only difficult choice for you to make is the colour and whether you'd rather a moulded carpet, or one of our non-moulded carpets. Moulded carpets are generally easier to fit, however, if you're looking to top quality looks and feel, nothing can beat out handcrafted non-moulded carpet sets.

Carpet Sets - Mkl-1500 (1962-80)

	Moulded	Non-moulded
Carpet set, biscuit.	CSA71131	644-311
Carpet set, autumn leaf. N/A		644-313
Carpet set, grey.....	CSA71160	N/A
Carpet set, blue.....	CSA71170	644-315
Carpet set, honey tan.. N/A		644-314

Boot Carpet

	Mkl-III	MkIV-1500
Boot carpet, black	CSA71210	CSA74210
Boot carpet, red	CSA71220	CSA74220
Boot carpet, biscuit ...	CSA71231	CSA74231
Boot carpet, green	CSA71250	CSA74250
Boot carpet, grey	N/A	CSA74260
Boot carpet, blue	CSA71270	CSA74270



SCA7101110



SCA7201120



SCA75022101

SEAT COVERS & HEADRESTS

Seat Covers - Spitfire MkI (1962-64)

Vinyl (pair)	Leather (pair)
Black/White piping...SCA7101110	SCL7101110
Red/White piping....SCA710	SCL7101120
Midnight blue/ White piping.....SCA7101170	SCL7101170

Seat Covers - Spitfire MkII-III (1964-70)

Vinyl (pair)	Leather (pair)
Black/ White piping.....SCA720	SCL7201110
Red/ White piping.....SCA7201120	SCL7201120
Light Tan/ Light Tan piping.....SCA7201132	N/A
New Tan/ White piping.....SCA7201134	N/A
Midnight Blue/ White piping.....SCA7201170	SCL7201170
Shadow Blue/ White piping.....SCA7201171	N/A

Seat Covers - Spitfire MkIII (1968) Low Back USA spec

Vinyl (pair)	Leather (pair)
Black.....SCA7323210	SCL7323210
Red.....SCA7323220	SCL7323220
Light Tan.....SCA7323232	N/A
New Tan.....SCA7323234	N/A
Midnight Blue.....SCA7323270	N/A

Seat Covers - Spitfire MkIII (1969-70) High Back USA spec

Vinyl (pair)	Leather (pair)
Black.....SCA7324210	SCL7324210
Red.....SCA7324220	SCL7324220
Light Tan.....SCA7324232	SCL7324232
Midnight Blue.....SCA7324270	SCL7324270

Seat Covers - Spitfire MkIV (1970-73)

Vinyl (pair)	Leather (pair)
Black.....SCA7401110	SCL7401110
Red.....SCA7401120	SCL7401120
New Tan.....SCA7401134	SCL7401134
Grey.....SCA7401160	SCL7401160
Shadow Blue.....SCA7401170	SCL7401170

Seat Covers - Spitfire MkIV (1971-73) High Back USA spec

Vinyl (pair)	Leather (pair)
Black.....SCA7424210	SCL7424210
Red.....SCA7424220	SCL7424220
Light Tan.....SCA7424232	N/A
New Tan.....SCA7424234	SCL7424234
Shadow Blue.....SCA7424270	SCL7424270

Seat Covers - Spitfire MkIV (1973-75)

Vinyl (pair)	Leather (pair)
Black.....SCA7402210	SCL7402210
Red.....SCA7402220	SCL7402220
Beige.....SCA7402233	SCL7402233
New Tan.....SCA7402234	SCL7402234
Chestnut.....SCA7402235	SCL7402235
Grey.....SCA7402260	SCL7402260
Shadow Blue.....SCA7402270	SCL7402270

Seat Covers - Spitfire 1500 (1975-80)

Vinyl (pair)	Leather (pair)
Black.....SCA7501210	SCL7502210
.....SCA7501231	N/A
Light Tan.....SCA7501232	N/A
Beige.....SCA7501233	SCL7502233
Chestnut.....SCA7501235	N/A

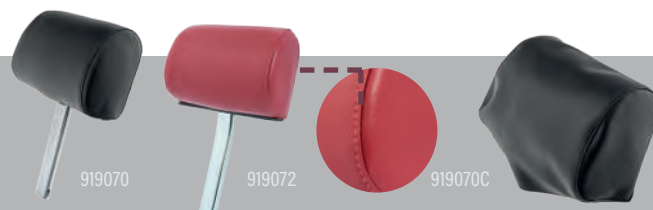
With Headrest (pair)	Without Headrest (pair)
Houndstooth Black/ White piping.....SCA75022101	SCA75012101
Houndstooth Beige/ White piping.....SCA75022331	SCA75012331

HEADRESTS ASSEMBLIES & HEADREST COVERS

Headrest assemblies & covers are sold per headrest, please ensure you order 2 if you're planning to do both headrests.

Headrests Assemblies - MkI-1500

	Vinyl (each)	Leather (each)
Black, fine grain	919070	919071L
Black, coarse grain	919071	-
Matador Red	919072	919072L
Chestnut	919073	919073L
Beige	919074	919074L
Shadow Blue	919077	919077L
Grey	919078	919078L
New Tan	919083	919083L



Headrest Covers - MkI-1500

	Vinyl (each)	Leather (each)
Black, fine grain	919070C.....	919071CL
Black, coarse grain	919071C.....	-
Matador Red	919072C.....	919072CL
Chestnut	919073C.....	919073CL
Beige	919074C.....	919074CL
Shadow Blue	919077C.....	919077CL
Grey	919078C.....	919078CL
New Tan	919083C.....	919083CL



INTERIOR TRIM PANEL KITS

Trim Panels - MkI

Trim panel kit, vinyl, black	TKA71010
Trim panel kit, vinyl, red	TKA73020
Trim panel kit, vinyl, light tan	TKA71032
Trim panel kit, vinyl, midnight blue	TKA71070

Trim Panels - MkII

Trim panel kit, vinyl, black	TKA72010
Trim panel kit, vinyl, red	TKA72020
Trim panel kit, vinyl, midnight blue	TKA72070

Trim Panels - MkIII

Trim panel kit, vinyl, black	TKA73010
Trim panel kit, vinyl, red	TKA73020
Trim panel kit, vinyl, light tan	TKA73032
Trim panel kit, vinyl, new tan	TKA73034
Trim panel kit, vinyl, midnight blue	TKA73070
Trim panel kit, vinyl, shadow blue	TKA73071

Trim Panels - MkIV-1500

Trim panel kit, vinyl, black	TKA74010
Trim panel kit, vinyl, beige	TKA74033
Trim panel kit, vinyl, biscuit	TKA74031

Door Panels - MkI

Door panels, vinyl, black (pair)	TKP71210
Door panels, vinyl, red (pair)	TKP71220
Door panels, vinyl, shadow blue (pair)	TKP71270

Door Panels - MkII-III

Door panels, vinyl, black (pair)	TKP72210
Door panels, vinyl, red (pair)	TKP72220
Door panels, vinyl, light tan (pair)	TKP72232
Door panels, vinyl, new tan (pair)	TKP72234
Door panels, vinyl, midnight blue (pair)	TKP72270
Door panels, vinyl, shadow blue (pair)	TKP72271

DOOR PANELS

Door Panels - MkIV (1970-73)

Door panels, black (pair)	TKP741210
Door panels, red (pair)	TKP741220
Door panels, beige (pair)	TKP741233
Door panels, new tan (pair)	TKP741234
Door panels, shadow blue (pair)	TKP741271

Door Panels - MkIV (1973-75)

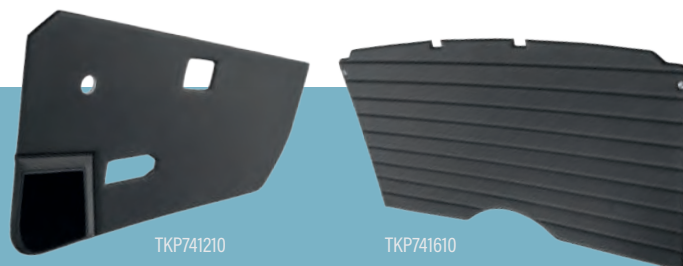
Door panels, black (pair)	TKP742210
Door panels, beige (pair)	TKP742233
Door panels, new tan (pair)	TKP742234
Door panels, chestnut (pair)	TKP742235
Door panels, grey (pair)	TKP742260
Door panels, shadow blue (pair)	TKP742271

Door Panels - 1500 (1975-80)

Door panels, black (pair)	TKP741210
Door panels, red (pair)	TKP741220
Door panels, beige (pair)	TKP742233

Rear Cockpit Panels - MkI-II

Cockpit panel, vinyl, black	TKP71610
Cockpit panel, vinyl, red	TKP71620
Cockpit panel, vinyl, midnight blue	TKP71670



Rear Cockpit Panels - MkIII

Cockpit panel, vinyl, black	TKP73610
Cockpit panel, vinyl, red	TKP73620
Cockpit panel, vinyl, light tan	TKP73632
Cockpit panel, vinyl, beige	TKP73633
Cockpit panel, vinyl, new tan	TKP73634
Cockpit panel, vinyl, midnight blue	TKP73670
Cockpit panel, vinyl, shadow blue	TKP73671

Rear Cockpit Panels - MkIV (1970-73)

Cockpit panel, vinyl, black	TKP741610
Cockpit panel, vinyl, red	TKP741620
Cockpit panel, vinyl, midnight blue	TKP741634
Cockpit panel, vinyl, shadow blue	TKP741671

Rear Cockpit Panels - MkIV (1973-75)

Cockpit panel, vinyl, black	TKP742610
Cockpit panel, vinyl, new tan	TKP742634
Cockpit panel, vinyl, chestnut	TKP742635
Cockpit panel, vinyl, shadow blue	TKP742671



TKP74310



TKP74371

Armrest Assemblies - MkIV-1500

Armrest assembly, vinyl, black, coarse	TKP74310
Armrest assembly, vinyl, black, fine	TKP74311
Armrest assembly, vinyl, red	TKP74320
Armrest assembly, vinyl, beige	TKP74333
Armrest assembly, vinyl, new tan	TKP74334
Armrest assembly, vinyl, chestnut	TKP74335
Armrest assembly, vinyl, shadow blue	TKP74371

Wheel Arch Panels - MkI-II

Wheel arch panel set, vinyl, black	TKP71810
Wheel arch panel set, vinyl, red	TKP71820
Wheel arch panel set, vinyl, midnight blue	TKP71870

Wheel Arch Panels - MkIII-IV (1967-73)

Wheel arch panel set, vinyl, black	TKP73810
Wheel arch panel set, vinyl, red	TKP73820
Wheel arch panel set, vinyl, light tan	TKP73832
Wheel arch panel set, vinyl, beige	TKP73833
Wheel arch panel set, vinyl, new tan	TKP73834
Wheel arch panel set, vinyl, midnight blue	TKP73870
Wheel arch panel set, vinyl, shadow blue	TKP73871

Wheel Arch Panels - MkIV (1973-75)

Wheel arch panel set, vinyl, black	TKP74810
Wheel arch panel set, vinyl, beige	TKP74833
Wheel arch panel set, vinyl, new tan	TKP74834
Wheel arch panel set, vinyl, chestnut	TKP74835
Wheel arch panel set, vinyl, shadow blue	TKP74871

Wheel Arch Panels - 1500

Wheel arch panel set, vinyl, black	TKP73810
Wheel arch panel set, vinyl, red	TKP73820
Wheel arch panel set, vinyl, light tan	TKP73832
Wheel arch panel set, vinyl, beige	TKP73833
Wheel arch panel set, vinyl, new tan	TKP73834
Wheel arch panel set, vinyl, midnight blue	TKP73870
Wheel arch panel set, vinyl, shadow blue	TKP73871

Knee Pads - MkIV-1500

	LH side (each)	RH side (each)
Vinyl, black, coarse	TKP742710	TKP741710
Vinyl, black, fine	TKP742711	TKP741711
Vinyl, red	TKP742720	TKP741720
Vinyl, beige	TKP742733	TKP741733
Vinyl, new tan	TKP742734	TKP741734
Vinyl, chestnut	TKP742735	TKP741735
Vinyl, shadow blue	TKP742771	TKP741771

Tunnel Cover - MkIV-1500 (1973-80)

Tunnel cover, vinyl, black, coarse	TKP7410
Tunnel cover, vinyl, black, fine	TKP7411
Tunnel cover, vinyl, red	TKP7420
Tunnel cover, vinyl, beige	TKP7433
Tunnel cover, vinyl, new tan	TKP7434
Tunnel cover, vinyl, chestnut	TKP7435
Tunnel cover, vinyl, shadow blue	TKP7471

Armrest Recovering Kits - MkIV-1500

Armrest recovering kit, vinyl, black, coarse	TKP74510
Armrest recovering kit, vinyl, black, fine	TKP74511
Armrest recovering kit, vinyl, red	TKP74520
Armrest recovering kit, vinyl, beige	TKP74533
Armrest recovering kit, vinyl, new tan	TKP74534
Armrest recovering kit, vinyl, chestnut	TKP74535
Armrest recovering kit, vinyl, shadow blue	TKP74571



AM6820-2

MAT4

RUBBER AND CARPET OVERMATS

These high quality rubber mats feature the Triumph name. They will help keep carpet wear to a minimum and are easily cleaned with a bit of soap and water. The nylon carpet footwell overmats are mud and water resistant and include an anti-slip backing. Supplied as a pair, with rubber heel mats sewn on to both to allow fitment to RHD and LHD models.

Due to the common foot well size, these mats also fit rather nicely in a Herald, Vitesse and GT6 as well as a Spitfire. Note, if using a floor mount organ accelerator pedal, mats will need to have extra hole cut around the pedal.

Spitfire rubber mats (pair)	AM6820-2
Spitfire nylon carpet overmats (pair)	MAT4





DYNAMAT HEAT & SOUND INSULATION

We now stock Dynamat, a revolutionary range of products designed to keep your classic cool & quiet.

- Non absorbent materials
- Self adhesive 'peel & stick'
- Easily cut & moulded to fit
- Isolates panel vibration
- Reduces road noise
- Reduces heat soak from engine & exhaust

Dynamat Xtreme

A highly efficient, composite material designed to reduce noise, vibration & heat soak through panel work.

- Dynamat Xtreme - speaker packGAC90511
(2 sheets of 254mm x 254mm (10" x 10").
- Dynamat Xtreme - wedge packGAC90512
(1 sheet of 457mm x 812mm (18" x 32").
- Dynamat Xtreme - door packGAC90513
(4 sheets of 305mm x 914mm (12" x 36").
- Dynamat Xtreme - bulk packGAC90514
(9 sheets of 457mm x 812mm (18" x 32").

Dynaliner

Dynaliner is an ultra-light weight, durable single layer insulation material that can be used as an alternative to traditional underfelt. It provides acoustic isolation and excellent thermal insulation.

- Dynaliner - 1/8" thickGAC90531
(1 sheet of 813mm x 1372mm (32" x 54").
- Dynaliner - 1/4" thickGAC90532
(1 sheet of 813mm x 1372mm (32" x 54").
- Dynaliner - 1/2" thickGAC90534
(1 sheet of 813mm x 1372mm (32" x 54").

Hoodliner

Designed specifically for under bonnet insulation, Hoodliner absorbs engine noise to help keep your car quieter. The aluminised skin creates a water & oil barrier that reflects up to 97% of heat to protect the bonnet's paint.

- HoodlinerGAC90541
(1 sheet of 813mm x 1372mm (32" x 54").



WORKSHOP APRON

Ideal for those messy jobs, like engine building. This apron has adjustable straps, three large pockets and the Triumph shield on the front.

.....GAC9938X



TRIUMPH BAR STOOL

Ideal for when you're having a well earned 'cuppa' in the garage admiring your handy work. 14" easy clean vinyl seats with 30" high chrome plated legs.

..... 231-805



TOOL ROLLS

Vintage style tool roll

This heavy duty canvas tool roll features top & bottom tool retaining flaps, adjustable leather tool loops and buckle strap

- 1 Vintage style tool roll385-910

Tool rolls

We offer two styles of small tool roll ideal for your mobile tool kit. Both manufactured from vinyl backed hessian material, with stitched tool pouches and a tie strap. We also offer a larger tool roll manufactured from hardura.

- Tool roll small 8 pouchesACG5247
- 2 Tool roll small 9 pouches & flapMM647-100
- Tool roll large 8 pouches GAC8418X

Jack bags

A jack bag keeps your jack and any associated tools together, also helping to prevent damage to the boot area panel work. Manufactured from hardura and featuring a folding flap and tie straps. Suit most common sizes of scissor jacks.

- Jack bag side flap with tie strapsAHA5506
- Jack bag end flap with buckles AHH6540



GARAGE SIGNS

Screen printed metal replicas of original factory dealer signs.

- | | | |
|---|-----------------------------------|----------|
| 1 | Triumph shield service sign | GAC9932X |
| 2 | Triumph shield parking sign | GAC8030X |
| 3 | Triumph wreath parking sign | GAC8031X |
| 4 | Triumph service sign | 214-220 |



EXPANDABLE CUP HOLDER

This extremely useful folding cup holder can be mounted almost anywhere inside your car. The arms adjust in or out to suit the size of your container and folds up when not in use to give a neat appearance.

- | | |
|-----------------------------|---------|
| Expandable cup holder | 222-090 |
|-----------------------------|---------|



EMBROIDERED PATCHES

- | | | |
|---|--|----------|
| 1 | Triumph embroidered patch | GAC4135X |
| 2 | TR logo embroidered patch | GAC9955X |
| 3 | British Leyland logo embroidered patch | GAC9960X |
| 4 | Union flag embroidered patch | 229-510 |



UNION FLAG

This flag is made from lightweight polyester complete with metal grommets on the hoist. Ideal for those continental get-togethers. Go on fly the flag with pride!

- | | |
|------------------|----------|
| Union flag | GAC9939X |
|------------------|----------|



DECALS

A small selection from our range of decals available for your car, please refer to the Restoration section for a listing of the exact requirements for your model.

- | | | |
|---|---|---------|
| | Leyland Special Tuning sticker | CRST110 |
| 1 | Leyland Special Tuning Abingdon - green | CRST153 |
| 2 | British Leyland house sticker | CRST126 |
| | Negative earth sticker | CRST113 |
| 3 | Tudor water bottle sticker | CRST124 |
| 4 | BMC rosette (internal) - red/white/blue | CRTR204 |
| 5 | Unipart filter sticker | CRST119 |
| | Triplex screen sticker | CRST125 |
| | Lucas coil sticker | CRST156 |
| 6 | TriumphTune medium decal | DEC104B |



WATERPROOF BLANKET

These waterproof blankets bring a touch of comfort to any roadside picnic. Neatly folded into a parcel, it can be easily stored and carried with its durable handle. They are manufactured from grey acrylic with a foam layer and waterproof PEVA backing. Size 51" x 70". Offered with a choice of a Moss or Triumph logo.

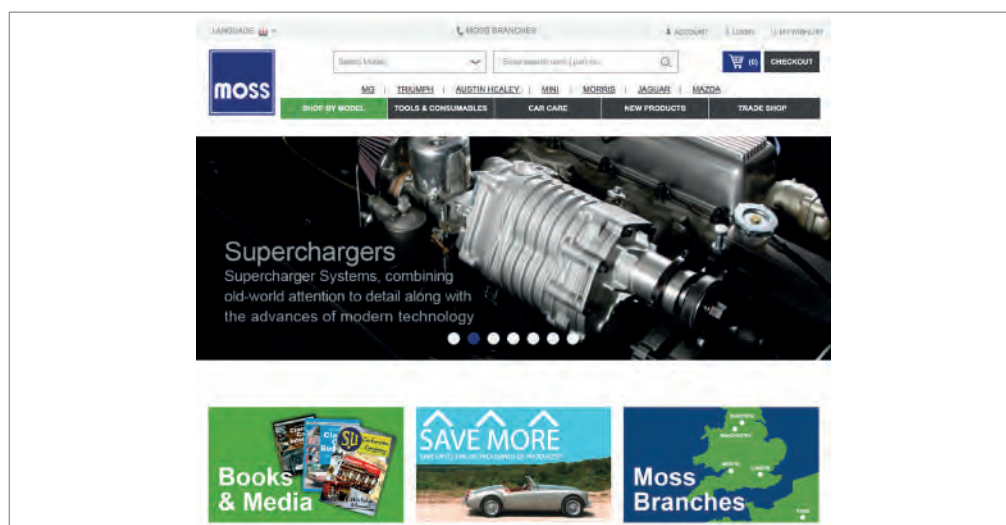
- | | |
|--|---------|
| Waterproof blanket, grey, Moss logo | 231-370 |
| Waterproof blanket, grey, Triumph logo | 231-380 |



THERMAL MUGS

Our stylish new range of thermal mugs will maintain your drinks temperature whether hot or cold. Desk mugs feature a wider design with handle. Travel mugs are a slimmer design to suit most in-car cup holders. Both types feature a non-slip base and a removable cap.

- | | | |
|---|-------------------------------|---------|
| 1 | Travel mug - TR logo | 230-886 |
| 2 | Travel mug - Union flag | 230-946 |
| 3 | Desk mug - TR logo | 230-887 |
| 4 | Desk mug - Union flag | 230-947 |



STAY INFORMED

Simply the quickest way to be kept up to date with news of our special offers and information on new and relevant products as they become available...

Visit moss-europe.co.uk and subscribe to our emails.



PARTS · ACCESSORIES · TOOLS



LEATHER KEY FOBs

Made in England, with a stitched leather fob and a high quality enamelled badge, featuring various emblems. See our website for our full range of key fobs.

- | | | |
|---|----------------------------------|----------|
| 1 | Triumph globe..... | GAC6053 |
| 2 | Triumph shield - blue/white..... | GAC6053X |
| 3 | Triumph shield - red/white..... | GAC6054X |
| 4 | Union flag..... | GAC4042 |
| 5 | Triumph shield - black fob | .621-000 |
| 6 | Triumph shield - tan fob | .621-001 |
| 7 | Triumph globe - black fob..... | .621-015 |
| 8 | Triumph globe - tan fob..... | .621-016 |



TR SHIELD EARRINGS

Enamelled miniature marque logo earrings.

- TR shield earrings GAC9941X



PINT GLASS SET

Enjoy your favourite drink from these glasses bearing the Triumph Laurel logo. Perfect for those show picnics and summer evening barbecues.

- Pint glass set Triumph (set of 4).....230-932



WING COVER

The top quality wing cover is printed with the Triumph logos and has a padded foam rubber backing that protects your cars finish from spills.

- Triumph wing cover..... GAC9975X



CLASSIC TRACKER & IMMOBILISER

Classic Tracker provides a secure and reliable tracking service dedicated for classic cars and motorcycles. A three-wire, self-install tracker which uses GPS & GSM to establish and maintain the secure-status of your classic. In



CLASSIC FLYING HELMET & GOGGLES

Reproductions of the helmets and flying goggles worn by WWII pilots of the Royal Air Force.

The pilot helmets are a premium grade brown leather, with a soft brown cotton lining. Featuring a forehead buckle and strap adjuster to ensure a close fit, opening ear flaps secured with a press stud fastening, and an under-chin strap, secured with a metal buckle.

The motoring helmets are a premium grade brown leather, with a soft brown cotton lining. Built-in peak to shade the sun and neck protector to stop the wind chills, with under-chin strap, secured with a metal buckle.

The original RAF specification goggles are made with polycarbonate glass lens, grey/blue enamel frames, brown leather padding and elasticated headband.

- | | | |
|---|--|------------|
| 1 | Leather pilot helmet brown small | ALCFHL/S |
| | Leather pilot helmet brown medium | ALCFHL/M |
| | Leather pilot helmet brown large | ALCFHL/L |
| | Leather pilot helmet brown x-large..... | ALCFHL/XL |
| 2 | Leather motoring helmet brown small | ALCFHLL/S |
| | Leather motoring helmet brown medium | ALCFHLL/M |
| | Leather motoring helmet brown x-large..... | ALCFHLL/XL |
| 3 | RAF vintage goggles Mk8..... | ALCGMK8 |

the event of any unauthorised movement or tampering, you receive an alert via app/SMS/email and have access to real-time information on an app or the web. An immobiliser is provided so you can remotely immobilise your car during a theft situation just by accessing the app on your phone or on the web. The Immobiliser Pack involves connecting a relay across either your vehicles' ignition or electric fuel pump which is controlled via a fourth wire from the tracker. Classic Tracker 'Safer' pack contains: Tracker unit, Immobiliser pack and one year subscription. After the subscription ends you have the option to renew it or cancel it, if you decide to renew it the annual subscription fee is £99.00 per year. DIY installation is straight forward and can be installed in less than 2 hours, however if you're not sure we recommend installation by a professional

- Classic Tracker TRACKER1



230-390



230-355



230-388

RETROSOUND RADIOS

The RetroSound range of radio & MP3 players maintain the original ‘twin knob’ (DIN-D) style mounting required for many classic cars. Music can be played from external sources such as iPods, USB flash drives & SD cards, all connected out of sight.

San Diego

DAB/DAB+ Tuner (DAB antenna or DAB Antenna Adaptor required), AM/FM Tuner, iPod/iPhone & Android compatible, Bluetooth, x2 rear USB ports & x2 rear Auxiliary inputs. 32,000 colour LCD with built in amp (45 watts peak/25 watts RMS x 4 channels).

RetroSound San Diego, chrome	230-383
RetroSound San Diego, black	230-388

Hermosa

AM/FM Tuner, iPod/iPhone & Android compatible, x1 rear USB port & x2 rear Auxiliary inputs. Dual colour LCD display (white and green) with built in amp (45 watts peak/24 watts RMS x 4 channels).

RetroSound Hermosa, chrome	230-390
RetroSound Hermosa, black	230-395

Long Beach

AM/FM Tuner, iPod/iPhone & Android compatible, Bluetooth, x2 rear USB ports & x2 rear Auxiliary inputs. 32,000 colour LCD with built in amp (45 watts peak/25 watts RMS x 4 channels).

RetroSound Long Beach, chrome	230-381
RetroSound Long Beach, black	230-386

Laguna

Back to the basics with this AM/FM tuner with x1 rear auxiliary input. Adjustable-angle LCD display with built-in amp (40 watts peak/18 watts RMS x 4 channels).

RetroSound Laguna, chrome	230-355
---------------------------------	---------

RetroSound Motor 7 Radio

Compatible with iPod/iPhone & Android phones, built-in Bluetooth for hands-free calling and audio streaming, and plays MP3 and WMA files via USB input. Built-in DAB/DAB+ tuner (DAB antenna or DAB Antenna Adaptor required). Improved AM/FM RDS tuner with 30 pre-sets. Inputs: 1 rear-mounted standard USB ports and 2 rear auxiliary inputs. Selectable 32,000 colour LCD with user presets. Built in amp (45 watts peak/25 watts RMS x 4 channels). 3 EQ presets plus user-controlled bass, mid-range, treble, fader, and balance adjustment. Outputs: 4-channel preamp (front, rear).

RetroSound Motor 7, chrome/ivory	230-396I
RetroSound Motor 7, chrome/black	230-396B
RetroSound Motor 7, chrome/chrome	230-396C

RetroSound DAB Antenna Adaptor

This adaptor allows you to turn a standard AM/FM antenna into an antenna that will receive both AM/FM stations and Digital Audio Broadcast (DAB/ DAB+) stations. It has a DAB antenna output that plugs into the DAB input on the radio, as well as a standard antenna output for AM/FM stations. For use with RetroSound San Diego and Motor 7 units, as well as any aftermarket radio that supports DAB.

RetroSound DAB Adaptor	230-389
------------------------------	---------



RetroSound Quadrophonic Amplifier

The RetroSound Quadrophonic is a full-range Class D (digital) power amplifier that plugs directly into any RetroSound radio. Featuring 4 x 45 watts RMS power, Quadrophonic offers exceptional dynamic range and low distortion for the best possible sound reproduction from your RetroSound audio system. Low lever RCA inputs also allows Quadrophonic to be used with any aftermarket car stereo system. Quadrophonic is shielded, so it can be mounted behind the dash, next to the radio without the need to worry about electrical interference. Quadrophonic has a built-in high pass/full range crossover, and its small size means you can mount it just about anywhere.

Features:

- 4 x 45W RMS power output.
- Full range Class D digital circuitry.
- Ultra-low current draw.
- Advanced protection circuitry.
- Shielded to prevent electrical interference.
- Built-in high pass/full range crossover.
- Direct connection compatibility with all RetroSound radios.
- Compact size. (7 1/4" x 3" x 1 3/4" / 197mm, x 71mm x 44mm).

RetroSound Quadrophonic amplifier	230-580
---	---------



230-396I





230-328



230-341



230-334



230-344

Faceplate and knob kits (F&K kits)

These kits let you finish off your RetroSound radio with the faceplate and knobs that match the original trim of your classic car. Knobs are available on their own as replacements. Please see our website for full range.

F&K kit - chrome faceplate/chrome knobs.....	230-326
F&K kit - black faceplate/black knobs.....	230-327
F&K kit - black/black faceplate/chrome knobs.....	230-329
F&K kit - black/chrome faceplate/black knobs.....	230-328
F&K kit - black/chrome faceplate/chrome knobs.....	230-333
F&K kit - black/chrome faceplate/black/chrome knobs	230-334
F&K kit - Becker pinstripe	230-341
F&K kit - Blaupunkt black	230-342
F&K kit - Blaupunkt black/chrome	230-346
F&K kit - VW ivory.....	230-343
F&K kit - Ghia chrome	230-344
Knob set only - chrome	230-331
Knob set only - black.....	230-332



230-505



230-545



230-530



230-550

RETROMOD SPEAKERS BY RETRO SOUND

The RetroMod range of speakers from RetroSound has been designed to compliment their range of Classic radios and have been manufactured to meet the demands of modern high performance amplifiers.

Dual voice coils (DVC) speakers

This system allows for 2 stereo channels (left & right) to be connected to the same single speaker. This means that originality can be maintained on cars where a single speaker was fitted in the centre of the dash or rear shelf. These speakers are supplied individually without mesh grilles, to fit existing mountings.

6.5" dia 3 way, DVC, no grilles (each)	230-505
5" x 7" 3 way, DVC, no grilles (each)	230-545
6" x 9" 3 way, DVC, no grilles (each)	230-510



MRA001



AJM1112X



EEP11Z

This hide-away amplified aerial can be mounted hidden away, almost anywhere inside the car. Ideal if you don't want to install a wing or roof aerial to keep your classic original.

RADIO AERIALS

Our range of aerials offers a variety of fitting options from wing to roof mountings. The wing mount aerial features adjustable bases to compensate for slight angles off horizontal. The roof mounted aerial features a removable stainless steel mast with a chrome base plate. Aerial extension cable is also available.

Hide-away amplified aerial	230-555
Aerial wing mount manual	MRA001
Aerial wing mount electric	AJM1112X
Aerial roof mount.....	EEP11Z
Extension lead aerial 3 metre	ZKC533

Single voice coils (SVC) speakers

The SVC range of speakers is a standard configuration single channel speaker for normal installations (left & right mounted speakers, such as doors or dash). These speakers are available in a range of sizes and specifications, see our website.

4.5" dia 2 way, 40W max, with grilles (pair)	230-535
5" x 7" 3 way, 60W max, with grilles (pair)	230-540
6" x 9" 3 way, 100W max, with grilles (pair).....	230-530
6" x 9" 3 way, 100W max, with grilles (pair).....	230-531

RetroMod 8" Subwoofer

The compact design and powerful bass response make this ideal for under seat mounting and numerous other in-car applications. The rigid die cast aluminium chassis and powerful Class D amplifier allows this sub to reproduce low frequencies as low as 35Hz.

8" Subwoofer with internal amplifier	230-550
--	---------

BOOKS, MANUALS & DVDS

Owners handbooks

As supplied with your car from new. These reprints are essential for day to day maintenance.

Spitfire MkI owners handbook	511242
Spitfire MkIII owners handbook	545017
Spitfire MkIV owners handbook.....	545220
Spitfire 1500 owners handbook.....	545189
GT6 MkI owners handbook	512944
GT6 MkIII owners handbook.....	545186

Factory workshop manuals

Reprints of genuine factory workshop manuals packed with information for all aspects of vehicle maintenance and repairs.

Spitfire MkI-III workshop manual	511243
Spitfire 1500 workshop manual.....	AKM4329
Spitfire Competition Preparation manual.....	MGL6811
GT6 & Vitesse workshop manual	512947

Kas Kastner's Triumphs: Race, Street & Special Cars

Kas Kastner's latest book covers stories of Triumphs around the world, fix-it articles and stories helpful to the street car owner/restorer, and coverage of building a GT6 race car from scratch.

Kas Kastner's Triumphs	MGL6616
------------------------------	---------

Haynes manuals

Probably the most commonly found workshop manual in any home garage, the Haynes range provide useful information on stripping and rebuilding anything from a master cylinder to a complete differential assembly.

Spitfire MkI-1500 Haynes manual	MGL6214X
---------------------------------------	----------

The works Triumphs in detail

The Triumph Competitions Department produced more than 150 'works' cars between 1953-1980. Author Graham Robson details each and every works car from with specifications, drivers, entries and careers with multiple accompanying illustrations and colour photography of surviving examples.

The Works Triumphs in Detail	MGL0349
------------------------------------	---------

Haynes carburettor manual

This manual covers SU, Stromberg, Weber and Dellorto carbs. Giving an insight into the way they operate and how to maintain and tune them, as well as detailed overhaul procedures.

Haynes carburettor manual	MGL0279
---------------------------------	---------

Weber carburetors: Tuning tips and techniques, by John Passini

This book is the distillation of many years experience of working with Weber carbs. The mysteries of why and how they work and the practicalities of getting the best from them. Also setting-up, fault-finding, maintenance and repair are all covered.

Tuning tips and techniques.....	213-431
---------------------------------	---------

Tuning SU carburetors

This book looks into the basic design of the SU carburettor. It covers many areas including overhaul, tuning mixtures, jet and needle identifications and SU fuel pumps.

Tuning SU carburetors.....	MGL0070
----------------------------	---------

SU workshop manual

Factory workshop manual covering both carbs and fuel pumps.

SU workshop manual	GAC1044X
--------------------------	----------

SU needle chart

The chart identifies the correct replacement SU needle when modifications have been carried out to the engine or induction.

SU needle chart.....	ALT9501
SU parts catalogue	ALT9524

Lucas fault diagnosis manual

This Lucas guide presents a logical sequence of tests that may be carried out on starters, generators, regulators, ignition and lighting systems. Written for technicians, this book can be easily understood by the amateur mechanic/owner.

Lucas manual.....	GAC1029X
-------------------	----------

SU carburettor rebuild DVD

This 2 hour 40 minute video explains how to rebuild SU carburetors.

SU carburettor rebuild DVD	211-036
----------------------------------	---------

Classic car bodywork, by Martin Thaddeus

A book written for the home restorer who, until now, lacked the confidence to tackle bodywork. With specially devised techniques which don't rely on workshop plant, this work spans the gap between professional and amateur.

Classic car bodywork.....	MGL0330
---------------------------	---------

How to Restore Classic Car Interiors

The ultimate resource for restoring the interior of your classic car. Produced in close cooperation with the editors of Europe's largest vintage car magazine, OLDTIMER MARKT. Providing easy to follow guidance, helping you make your car interior look as good as new.

How to restore classic car interiors ..	MGL0364
---	---------

Road test portfolio, by Brooklands

Included are road and comparison tests, long term reports, touring and racing feature plus full specifications and performance data for all Spitfires.

Road test portfolio.....	MGL6013X
--------------------------	----------

How to paint classic cars, by Martin Thaddeus

This book takes the reader step-by-step through each stage of preparation from minor repairs, through filling and undercoats to a paint finish fit for a classic car. Over 140 colour photographs illustrate every stage of the procedures.

How to paint classic cars.....	MGL0332
--------------------------------	---------

Rule Britannia, by John Nikas

Rule Britannia - When British Sports Cars Saved A Nation; With authoritative text from John Nikas and his team of dedicated researchers and contributors; historic imagery from archives maintained by marque clubs, manufacturers and museums; and modern portraits artfully captured in a studio setting by Michael Furman, the world's most renowned automotive photographer.

Rule Britannia.....	MGL0360
---------------------	---------

Original Technical Publications Heritage USB

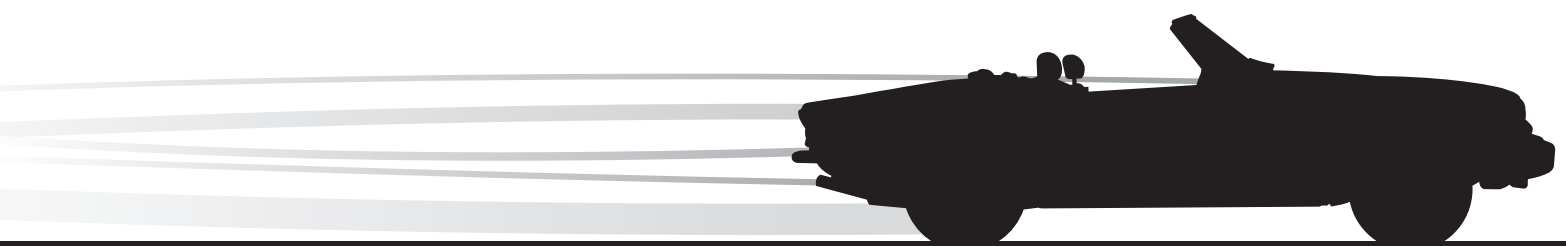
These publications have been carefully reproduced from the extensive historical archives in both England and the USA. Meaning you have access to the original Heritage publications needed to run and maintain your Heritage vehicle. Including parts catalogues, service manuals and owners literature. USB – Printable, searchable, zoom-able & bookmarked. Limited to 1 device. USB portable – Printable, searchable, zoom-able, bookmarked, offline capable, instant access. Take anywhere.

Spitfire, GT6, Herald & Vitesse

OTP USB.....	HTP2010E
--------------	----------

OTP USB portable	HTP2010USB
------------------------	------------





Spitfire **Restoration Parts**



Catalogue Contents

Production Data & Car Identification	Page 03
Parts Index	Pages 04-05
Technical Advice	Pages 06-13

Engines & Components

External Engine	Page 14 & 16
Engine Units	Page 14
Cylinder Block & Fittings	Page 14 & 16
Engine Gasket Sets	Page 14
Oil Sump & Oil Filter	Page 14 & 16
Engine Cover Plates	Page 14
Internal Engine	Page 18 & 20
Crankshaft & Flywheel	Page 18
Con Rods & Pistons	Page 18
Camshaft & Timing Gear	Page 18
Oil Pump	Page 18
Cylinder Head & Fittings	Page 22 & 24
Oil Cooler	Page 28
Engine Mountings	Page 26

Cooling System

Radiator, Fittings & Hoses	Page 30
Water Pump/Pipes/Fan & Thermostat	Page 31

Clutch

Clutch Drive Components	Page 34
Clutch Hydraulics	Page 34

Gearbox - 3-Rail Units

Gearbox Units & External Components	Page 36 & 38
Gearbox Casing	Page 36
Gear change & Fittings	Page 36 & 38
Gearbox & Overdrive Mountings	Page 36 & 38
Gearbox Internal Components	Page 40 & 42

Gearbox - Single-Rail Units

Gearbox Units & External Components	Page 46 & 48
Gearbox Casing	Page 46
Gear Change & Fittings	Page 46 & 48
Gearbox & Overdrive Mountings	Page 46 & 48
Gearbox Internal Components	Page 50

Overdrive

'D' Type Overdrive	Page 44
'J' Type Overdrive	Page 52
Gearbox/Overdrive Electrics	Page 54

Propshaft & Axle

Drive Shafts & Differential	Page 56 & 58
Propshaft	Page 56 & 58

Fuel System

Carburettors & Components, Twin HS2 SU's	Page 60
Carburettors & Components, Twin HS4 SU's	Page 62 & 64
Engine Controls, (Accelerator & Choke)	Page 66
Engine Breather	Page 68
Air Filters	Page 68
Fuel Tank, Pump & Fittings	Page 70 & 72
Manifolds, (Inlet/Exhaust)	Page 74

Exhaust System

Exhaust System - MkI-III	Page 76
Exhaust System - MkIV-1500	Page 78

Brake System

Master Cylinder & Brake Pedal	Page 80
Brake Pipes, Hoses & Fittings	Page 80
Front Brakes	Page 82
Rear Brakes	Page 82
Handbrake	Page 82

Steering

Steering Column & Wheel, (Early Type)	Page 84
Steering Column & Wheel, (Late Type)	Page 86
Steering Rack & Fittings	Page 88

Front Suspension

Front Hub & Vertical Link	Page 90
Front Spring & Shock Absorber	Page 90
Anti-Roll Bar	Page 90

Rear Suspension

Rear Spring & Shock Absorber	Page 92
--	---------

Road Wheels & Miscellaneous Tools

Road Wheels & Tools	Page 94
-------------------------------	---------

Electrical System

Starter Motor & Fittings	Page 96 & 98
Alternator & Fittings	Page 96 & 98
Battery & Fittings	Page 100
Wiring Harness, (Looms)	Page 102
Distributor & Ignition System	Page 104
Headlamps & Fittings	Page 106
Front Lamps	Page 106
Front Side & Indicator Lamps	Page 106
Rear Lamps	Page 108
Stop/Tail & Indicator Lamps	Page 108
Number Plate Lamps	Page 108 & 110
Windscreen Wiper & Washer System	Page 112

Instruments, Cables & Dash Switches

Instruments, Switches & Cables	Page 114 & 116
Horns, Relays & Miscellaneous Switches	Page 118

Heating & Ventilation (Includes water flow chart)

Heaters	Page 120
Demister	Page 120
Heater Hoses	Page 122

Dash & Console

Dash, (Fascia) - MkI-III	Pages 124, 126 & 128
Dash, (Fascia) - MkIV-1500	Pages 130

Body Panels & Fittings

Chassis Frame	Page 132
Front Body Panels - MkI-II	Page 134
Badges, Grille & Body Fittings - MkI-II	Page 134
Front Body Panels - MkIII	Pages 136 & 138
Badges, Grille & Body Fittings - MkIII	Pages 136 & 138
Front Body Panels - MkIV-1500	Page 140
Centre Body Panels	Page 142
Side Body Panels	Page 142
Rear Body & Floor Panels	Page 144
Windscreen, Frame & Fittings	Page 146
Doors & Fittings - MkI-III	Pages 148 & 150
Doors & Fittings - MkIV-1500	Page 152
Front Bumper & Fittings - MkI-III	Page 154
Rear Bumper & Fittings - MkI-III	Page 154
Front Bumper & Fittings - MkIV-1500	Page 156
Rear Bumper & Fittings - MkIV-1500	Page 156
Grille & Body Fittings - MkIV-1500	Page 156
Boot Lid Fittings & Seal - MkI-III	Page 158
Rear Badges & Body Mouldings - MkI-III	Page 158
Boot Lid Fittings & Seal - MkIV-1500	Page 160
Rear Badges & Body Mouldings - MkIV-1500	Page 160

Interior Trim & Fittings

Boot Board & Floor Mats	Page 162
Carpet Sets & Boot Trim	Page 162
Carpet Sets, (Cockpit), & Gaiters	Page 162
Centre Console Armrest	Page 162
Seats Cover Kits & Fittings - MkI-III	Page 164

Seats Cover Kits & Fittings - MkIV (1970-73)	Page 166
Seats Cover Kits & Fittings - MkIV 1500 (1973-80)	Page 168
Sun Visors & Interior Mirror	Pages 170 & 172
Door Trim & Seals	Pages 170 & 172
Rear Cockpit & Rear Quarter Trim	Pages 170 & 172

Hood, Frame & Tonneau

Hood Frame - MkI-III	Page 174
Hood - MkI-III	Page 174
Hardtop - MkI-III	Page 176
Hood Frame - MkIV-1500	Page 178
Hood - MkIV-1500	Page 178
Tonneau & Hood Stowage Covers - MkIV-1500	Page 180
Hardtop - MkIV-1500	Page 182

Various

Body Plugs & Grommets	Page 184
Body Paints & Colour Codes	Page 184
General Hardware & Fixings	Pages 185-187

Production Data, Details & General Information

1954: Alick Dick takes over as Managing Director from Sir John Black. He builds up Standard Triumph by purchasing smaller concerns to enable him to produce complete cars with little outside help. The Herald is first new car, followed by the Spitfire project. Autumn 1960: Cash crisis forces the Spitfire development plan to be shelved. August 1961: Leyland Motors purchase Standard Triumph, Stanley Markland becomes MD. He discovers Spitfire prototype under a dust cover by accident and demands it be put into production.

Spitfire 4 - October 1962 to December 1964

FC1 to FC44656
October 1962 Earls Court Motor Show. Spitfire '4' announced, competing against the BMC Sprites and Midgets. The car is an instant success, and outsells the 'Spridgets' in every year of production bar one (due to a strike in 1969).
The number '4' denotes the number of cylinders. The Vitesse has already gone on sale in the USA as the Sports 6 and so the Spitfire 4 follows suit to fit in with the prevailing marketing strategy - an important selling point since 50% of Triumph Spitfires are to be exported to the USA!

Spitfire 4 MkII - December 1964 to January 1967

FC50001 to FC88904

Spitfire MkIII - January 1967 to December 1970

FD1 to FD15306, FD20000 to FD51967, FD75000 to FD92803 (Oct 1969 on). In 1967 Leyland Motors take over Rover-Alvis. In 1968 they take control of BMC/Jaguar. The British Leyland Motor Corporation is formed making stable mates of Triumph and MG.

Spitfire MkIV - November 1970 to December 1974

	UK	USA
1971 model year	FH3	FK1
1972 model year	FH25001	FK25001
1973 model year	FH50001	FM1*
1974 model year	FH60001 to FH64995	FM10001* to FM2800*
		*denotes USA 1500cc models

Spitfire 1500 - December 1974 to August 1980

	UK	USA
1975 model year	FH75001	FM28001
1976 model year	FH80001	FM40001
1977 model year	FH100020	FM60006
1978 model year	FH105734	FM70001
1979 model year	FH130001	FM95001
1980 model year	FH133501	FM110001

The export market nose dives during the late 1970's and coupled with British Leyland's appalling financial, management and labour problems, the company is unable to invest in a replacement sports car for the Spitfire. The Triumph name is eventually lost in the early 1980's after being used as a 'badge' for the new Acclaim - a CKD car imported from new partners Honda.

Engine Development and the Triumph Spitfire

Introduced in 1951 as an 803cc unit for the Standard 8 the 'SC' (Small Car) engine was later developed for use in the Triumph Herald and Spitfire 4. It underwent various stages of development from 1147cc & 1296cc before the introduction of the environmentally friendly 1500cc version, first in the USA, and later elsewhere.
Unable to bore the engine out any more from the 1296cc version, Triumph engineers increased the capacity by altering the crankshaft to produce a longer stroking engine. Cylinder block depth remained the same as did the con rods. There were no changes to the head and only minor detail changes to the block.
The 'PE150', a slanting four cylinder engine developed by Triumph, was tested alongside a partially developed 1500cc 'SC' engine at MIRA in 1966. Results were outstanding but squeezing the 'Slant-4' engine into the Spitfire shell proved too costly to allow production. The unit went on to be used in the Saab 99 and the TR7.

Chassis Number Prefix and Suffix Codes

Prefix		All markets, save USA & Sweden	Suffix	C	USA (California legislation)
	FK	USA (1300cc models)		U	USA (Federal legislation)
	FM	USA (1500cc models)		L	Left-hand Drive
	FL	Sweden only		O	Overdrive

Vehicle Identification Numbers (VIN)

VIN numbers replaced commission numbers in October 1979, commencing at VIN000001 with an 8 digit prefix.
TFADW1AT = manual, RHD TFADW2AT = manual, LHD, Europe
TFADW5AT = manual, RHD TFADW6AT = manual, overdrive, LHD, Europe

A Brief History of the Triumph Spitfire Development

1951

Standard Eight introduced incorporating newly developed 803cc 'SC' (small car) engine.

1957

Triumph Herald (code name Zobo) begins to develop under the guidance of Alick Dick, Harry Webster (chief designer) and Martin Tustin (General Manager). Original design concept incorporated a monocoque body shell. Eventually the realities of financial constraint led them to use a chassis and separate body shell. This chassis was to be the 'jig' foundation for a whole range of vehicles. Body designed by Giovanni Michelotti. Went on sale April 1959.

1960-1962

Saw the development of 'Bomb' a new sports car utilising the SC engine unit (1147cc) and Herald chassis. 'Bomb' became known as the Spitfire 4, with the body again designed by Michelotti. The car utilised much of the Herald running gear including engine, gearbox, suspension - the prototype even incorporated the same instrument gear and, the car almost went into production without a rev counter! High compression engine (9-0:1), twin SU carburettors and a high lift cam provided 63 bhp. Rear suspension consisted of a transverse mounted fixed leaf spring, radius arms & telescopic shock absorbers. Disc brakes fitted at the front. The steering gave the car a smaller turning circle than a London Taxi. Overdrive was optional. The Spitfire 4 was launched at the Earls Court Motor Show in 1962.

Spitfire chassis

Cut & shut Herald chassis but without the out riggers to support centre of car. The sills supplied strength and were (and still are) vital to the structure and safety of the vehicle.

Early production

Early production of the body shell at the Forward Radiator Works, Bordesley Green, Birmingham used low quality tooling, which was uprated once the Spitfire 4 became a success. Hardtop introduced as an option in late 1963.

1963

Spitfire GT project begins to develop using fastback hardtop and 1598cc Vitesse engine. The Vitesse engine was developed from the 1959 Vanguard 6 unit; this was essentially a 'small car' four cylinder unit with two extra cylinders tacked on.

December 1964

Spitfire 4 MkII introduced. Engine power increased during production of MkII to 67 bhp. Trim revised.

October 1966

GT6 (formerly the Spitfire GT), revealed with fixed fastback body shell and 1998cc engine.

January 1967

Spitfire MkIII introduced with long stroke 1296cc engine of 75 bhp. The '4' tag became redundant. First of the Spitfire range to incorporate negative earth electrical systems. Trim revised, external changes consisted of raised bumpers to conform with new regulations. Reverse lights installed. Fold down hood replaced detachable type.

July 1968

GT6 MkII begins production introducing revised and much improved rear suspension. October 1970. GT6 MkIII released which incorporated radically restyled front and rear end by Michelotti to fit in with the current Triumph range.

Spitfire MkIV

Spitfire MkIV November 1970 to December 1972 (USA) and to December 1974 (all markets). The Michelotti restyled front and rear ends matched the lines of the new GT6 MkIII. New angular hardtop designed at Coventry. Rear suspension uprated by replacing the solidly fixed rear spring with a pivoted unit. The 'swing spring' stopped much of the interesting cornering problems of the earlier models. All synchromesh gearbox fitted, and final drive ratio changed from 4.11:1 to 3.89:1 (3.37 in overdrive). Power output restricted by USA environmental regulations to 63 bhp. Interior modified and became similar in appearance to the GT6 MkIII. Dashboard modified so instruments were in front of driver rather than in centre of the dash panel, as found on all previous models.

July 1973

USA models received 1500cc engine, due to lost sales caused by bhp reduction. In the same year all models had rear suspension track increased by 2". 'D' type overdrive replaced in August by 'J' type.

GT6

MkIII ceases production in December 1973.

Spitfire 1500

Spitfire 1500 introduced January 1973 (USA) and December 1974 (everywhere else). Bigger 71 bhp, 1493cc engine. New single rail gearbox from Marina with the same specified ratios as the MkIV. (The Marina gearbox was itself a development from the Vitesse/GT6 unit, but with a new single-rail selector mechanism.) Final drive 3.63:1. Minor styling changes.

1977

1977 saw new seats, trim and TR7 style switch gear.

These pages list only the major items in each area, such as body work, electrical and brake components. In many cases minor fittings, clamps and linkages etc., are not shown.

A

Accelerator Cable	Page 67
Accelerator Pedal	Page 67
Aerial	Page 109
Air Deflector Boards, (Radiator)	Page 31
Air Filters	Page 69
Air Hose, (Air Cleaner)	Page 69
Alternator	Page 97
Alternator Mountings	Page 99
Anti-Roll Bar	Page 91
Arm Rest, (Centre Console)	Page 163
Ash Tray	Page 125

B

Badge, (Road Wheel)	Page 95
Badge, Steering Wheel	Pages 85 & 87
Badges & Decals, MkII-III	Pages 135, 137, 159
Badges & Decals, MkIV-1500	Page 161
Ball Joint, Top, (Front Suspension)	Page 91
Ballast Resistor	Page 105
Battery	Page 101
Bearing Set, Camshaft	Page 19
Bearing Set, Con Rod	Page 19
Bearing Set, Main	Page 19
Bendix Gear Jammed!	Page 99
Body Mounting Kit	Page 133
Body Plugs & Grommets	Page 185
Body Trim & Fittings, Front, MkII	Page 137
Body Trim & Fittings, Front, MkII-III	Page 135
Body Trim & Fittings, Front, MkIV-1500	Page 141
Body Trim & Fittings, Rear, MkII-III	Page 159
Body Trim & Fittings, Rear, MkIV-1500	Page 159
Bolts (General Hardware)	Page 185
Bonnet Assembly & Fittings, MkII	Page 137
Bonnet Assembly & Fittings, MkII-III	Page 135
Bonnet Assembly & Fittings, MkIV-1500	Page 141
Bonnet Catch, MkII	Page 137
Bonnet Catch, MkII-III	Page 135
Bonnet Catch, MkIV-1500	Page 141
Bonnet Locks, MkII	Page 137
Bonnet Locks, MkII-III	Page 135
Bonnet Locks, MkIV-1500	Page 141
Bonnet Stay, MkII	Page 137
Bonnet Stay, MkII-III	Page 135
Bonnet Stay, MkIV-1500	Page 141
Boot Edge Mouldings	Page 145
Boot Floor Panel	Page 145
Boot Lid	Page 145
Boot Lock & Catch	Page 145
Boot Stay	Page 145
Brake Caliper	Page 83
Brake Disc	Page 83
Brake Drum	Page 83
Brake Dust Shield	Page 83
Brake Hoses	Page 81
Brake Light Switch	Page 109
Brake Master Cylinder	Page 81
Brake Pads	Page 83
Brake Pedal	Page 81
Brake Pipes & Fittings	Page 81
Brake Shoes	Page 83
Brake Wheel Cylinders	Page 83
Brake, (Rear), Adjuster	Page 83
British Army On The Rhine, (BAOR)	Page 131
Brush Set, (Alternator)	Page 97
Bulb Holders	Page 103
Bulbs, (All Front Lamps)	Page 107
Bulbs, (All Rear Lamps)	Page 109
Bulbs, Instruments	Pages 115 & 117
Bumper, Front, MkII-III	Page 155
Bumper, Front, MkIV-1500	Page 157
Bumper, Rear, MkII-III	Page 155
Bumper, Rear, MkIV-1500	Page 157

C

Cable Ties	Page 103
Cable, (Heater), Air Control	Page 121
Cable, Accelerator	Page 67

Cable, Battery	Page 101
Cable, Choke	Page 67
Cable, Handbrake	Page 83
Cable, Heater	Page 121
Cable, Solenoid To Starter	Page 101
Cable, Trip Reset, (Speedo)	Pages 115 & 117
Cables, Rev Counter	Pages 115 & 117
Cables, Speedometer	Pages 115 & 117
Camshaft	Page 19
Captive Nuts	Page 185
Carburettor Components, HS2	Page 61
Carburettor Components, HS4	Page 63
Carburettor Heat shield	Page 69
Carburettor, HS2	Page 61
Carburettor, HS4	Page 61
Carpets, (Cockpit)	Page 163
Centre Console, (Arm Rest)	Page 163
Chassis & Chassis Fittings	Page 133
Chassis Number Information	Page 3
Check Strap, (Door), MkII-III	Page 149
Check Strap, (Door), MkIV-1500	Page 153
Choke Adjustment HS2	Page 61
Choke Adjustment HS4	Page 63
Choke Cable	Page 67
Cigar Lighter	Pages 115 & 117
Clevis Pins	Page 185
Clips, Electrical Cable	Page 103
Clutch Arm	Page 35
Clutch Cover	Page 35
Clutch Kit	Page 35
Clutch Master Cylinder	Page 35
Clutch Plate	Page 35
Clutch Release Bearing	Page 35
Clutch Slave Cylinder	Page 35
Cockpit Rear Moulding	Page 171
Cockpit Trim Board	Page 171
Collets, Valve	Page 19
Colour Codes, (Paint)	Page 185
Con Rod	Page 19
Condenser	Page 105
Connectors, Electrical	Page 103
Consumables, Nuts & Bolts Etc.	Page 185
Contact Breaker Sets	Page 105
Conversion, (Gasket), Sets	Page 15
Cooling Fans	Page 33
Core Plugs, (Cylinder Block)	Page 15
Crash, (Fascia), Panels	Page 125
Cross Member, Rear Suspension	Page 133
Crown Wheel & Pinion	Page 57
Cylinder Blocks, (Use Of Head Gaskets)	Page 15
Cylinder Head Stud	Page 15
Cylinder Liners	Page 15

D

Dashboard & Fittings	Page 125
Demister System	Page 121
Differential	Page 57
Dip/Flash Switch	Pages 85 & 87
Dipstick	Page 17
Distributor	Page 105
Distributor Cap	Page 105
Door Check Strap, MkII-III	Page 149
Door Check Strap, MkIV-1500	Page 153
Door Glass, MkII-III	Page 149
Door Glass, MkIV-1500	Page 153
Door Handles, MkII-III	Page 149
Door Handles, MkIV-1500	Page 153
Door Interior Trim Panels	Page 171
Door Lock, MkII-III	Page 149
Door Lock, MkIV-1500	Page 153
Door Seal, MkII-III	Page 149
Door Seal, MkIV-1500	Page 153
Door Shell, MkII-III	Page 149
Door Shell, MkIV-1500	Page 153
Door Skin, MkII-III	Page 143
Door Skin, MkIV-1500	Page 153
Doors, MkII-III	Page 149
Doors, MkIV-1500	Page 153
Drain Plug, Differential	Page 57
Drain Plug, Engine Sump	Page 15
Drain Plug, Gearbox	Pages 37 & 47
Drain Tap, (Engine)	Page 15
Drain Tap, (Radiator)	Page 31
Draught Excluder, MkII-III	Page 149
Draught Excluder, MkIV-1500	Page 153

Drive Shafts	Page 57
--------------	---------

E

Earth Cable, (Steering Column)	Page 85 & 87
Engine Breather Hoses	Page 69
Engine Mountings	Page 17
Engine Plates	Page 17
Engine Side Valance	Page 157
Engine Units	Page 15
Engine, External Components	Page 15
Engine, Internal Components	Page 19
Engine, Short	Page 15
Exhaust Manifold	Page 75
Exhaust System, MkII-III	Page 77
Exhaust System, MkIV-1500	Page 79

F

Fan, Non-Viscous	Page 33
Fan, Viscous Coupling	Page 33
Fascia & Fittings	Page 125
Fascia Panels, Veneered	Page 125
Fascia Top Panel	Page 125
Filler Plug, Differential	Page 57
Flasher Relays	Page 109
Floor Panels, Boot	Page 145
Floor Panels, Cockpit	Page 145
Flywheel	Page 19
Fog Lamps, Rear	Page 111
Front Pipe, (Exhaust), MkII-III	Page 77
Front Pipe, (Exhaust), MkIV-1500	Page 79
Front Suspension	Page 91
Fuel Pipes	Page 71
Fuel Pump	Page 71
Fuel Tank	Page 71
Fuse Box	Page 109
Fuse Holder, (In-line type)	Page 103
Fuse, Headlamp	Page 107
Fuses, General	Page 103

G

Gaiter, Gear Lever	Page 163
Gaiter, Handbrake	Page 163
Gasket Kits, HS2 Carburettor	Page 61
Gasket Kits, HS4 Carburettor	Page 63
Gasket Set, Gearbox, (3 rail)	Page 37
Gasket Set, Gearbox, (Single Rail)	Page 47
Gasket Sets, Engine	Page 15
Gauges & Instruments	Pages 115 & 117
Gear Lever, (3 Rail)	Page 37
Gear Lever, (Single Rail)	Page 47
Gearbox Electrics	Page 55
Gearbox, Exchange, (3 Rail)	Page 37
Gearbox, Exchange, (Single Rail)	Page 47
Gearbox, External, (3 Rail)	Page 37
Gearbox, External, (Single Rail)	Page 47
Gearbox, Internal, (3 Rail)	Page 41
Gearbox, Internal, (Single Rail)	Page 51
Glass, Doors, MkII-III	Page 149
Glass, Doors, MkIV-1500	Page 153
Grease Nipples	Page 185
Grille, Radiator, MkII	Page 137
Grille, Radiator, MkII-III	Page 135
Grille, Radiator, MkIV-1500	Page 141
Grommets & Plugs, (Body)	Page 185
Grose Jets, Precision Fuel Flow HS2	Page 61
Grose Jets, Precision Fuel Flow HS4	Page 63

H

Hammers, (Wire Wheels)	Page 95
Handbrake Components	Page 83
Handbrake Lever	Page 83
Handles, (Doors), MkII-III	Page 149
Handles, (Doors), MkIV-1500	Page 153
Hardtop & Fittings, MkII-III	Page 176
Hardtop & Fittings, MkIV-1500	Page 183
Hardware	Page 185
Hazard Warning Relay	Page 109
Hazard Warning Switch	Pages 115 & 117
Head Restraints, MkIV-1500	Page 169
Headlamp Cover/Cowl	Page 141
Headlamp Mounting Panel, MkII	Page 137

Headlamp Mounting Panel, MkII-III	Page 135
Headlamp Mounting Panel, MkIV-1500	Page 141
Headlamps	Page 107
Headlining, (Hardtop), MkII-III	Page 176
Headlining, (Hardtop), MkIV-1500	Page 183
Heat Shield, Carburettor	Page 75
Heater Control Switch	Page 121
Heater Controls	Page 121
Heater Hoses	Page 125
Heater Panel, Fascia	Page 121
Heater Unit	Page 121
Heater Valve, Water Control	Page 121
Hinge, Boot Lid	Page 159
Hinge, Boot Lid	Page 161
Hinge, Door, MkII-III	Page 149
Hinge, Door, MkIV-1500	Page 153
History Of The Triumph Spitfire	Page 3
Hood Frame & Fittings, MkII-III	Page 175
Hood Frame & Fittings, MkIV-1500	Page 179
Hood Stowage Cover	Page 181
Hood, MkII-III	Page 175
Hood, MkIV-1500	Page 179
Horn Push	Pages 85 & 87
Horn Relay	Page 109
Horns	Page 119
Hoses, Brakes	Page 81
Hoses, Engine Breathing	Page 69
Hoses, Water Cooling	Page 31
Hoses, Water Pump	Page 33
HT Lead Sets	Page 105
Hub Assembly, Front	Page 91
Hub Assembly, Rear	Page 59
Hub Bearing & Seal Kit, Front	Page 59
Hub Bearing & Seal Kit, Front	Page 91
Hub Caps	Page 95
Hubs, Wire Wheels	Page 95
Hydraulic Pipe, (Clutch)	Page 35

I

Idle Speed Adjustment HS2	Page 61
Idle Speed Adjustment HS4	Page 63
Ignition Coil	Page 105
Ignition Switch	Pages 115 & 117
Ignition System	Page 105
Inlet Manifold	Page 75
Instruments	Pages 115 & 117

L

Lamp, Boot	Page 111
Lamp, Foot Well	Page 111
Lamp, Indicator & Side, Front	Page 107
Lamp, Map Reading	Page 111
Lamp, Rear	Page 109
Lamp, Rear Number Plate	Page 109
Lenses	Page 107
Lifting Eyes, (Engine)	Page 23
Light Switch, Dip/Flash	Pages 85 & 87
Light Switch, Master	Pages 115 & 117
Loudspeaker	Page 131

M

Manifold Gasket	Page 75
Manifolds & Fittings	Page 75
Map Reading Lamp	Page 111
Master Cylinder, (Clutch)	Page 35
Master Cylinder, Brakes	Page 81
Mirror, Internal	Page 171
Miscellaneous Electrics	Page 109
Mountings, Alternator	Page 99
Mountings, Differential	Page 59
Mountings, Engine	Page 17
Mountings, Gearbox, (3 Rail)	Page 39
Mountings, Gearbox, (Single Rail)	Page 49

N

Night Dimming Relay	Page 109
Number Plate Lamps	Page 109
Nuts	Page 185

O

Oil Cooler	Page 29
Oil Filler Cap, (Engine)	Page 23
Oil Filter	Page 15
Oil Pressure Relief Valve	Page 15
Oil Pressure Switch	Page 19
Oil Pump	Page 21
Outrigger, Chassis	Page 133
Overdrive Relay	Page 109
Overdrive Solenoid, 'D' Type	Page 45
Overdrive Solenoid, 'J' Type	Page 53
Overdrive, 'D' Type	Page 45
Overdrive, 'J' Type	Page 53
Overflow Bottle	Page 31

P

Paints, (Body)	Page 184
Parcel Tray	Page 125
Pedal Rubber, Brake	Page 81
Pedal Rubber, Clutch	Page 35
Pedestal, Rocker	Page 23
Petrol Filler Cap	Page 71
Petrol Gauge	Pages 115 & 117
Petrol Pipes & Kits	Page 71
Petrol Pump	Page 71
Petrol Sending Unit	Page 71
Petrol Tank	Page 71
Pipes, Water Cooling	Page 33
Piston Rings, (Engine)	Page 19
Pistons, (Engine)	Page 19
Plug, (Suppressor), Caps	Page 105
Plugs & Grommets, (Body)	Page 185
Plugs, (Sparking)	Page 105
Points Sets	Page 105
Pressure Cap, (Radiator)	Page 31
Production Data	Page 3
Propshaft	Page 57
Pulley, Alternator	Page 97
Pulley, Crankshaft	Page 19
Push Rods	Page 19

R

Radiator	Page 31
Radiator Deflector Board	Page 31
Radiator Grille, MkIII	Page 137
Radiator Grille, MkI-II	Page 135
Radiator Grille, MkIV-1500	Page 141
Radiator Pressure Cap	Page 31
Radiator Skid Shield	Page 133
Radio Blanking Plate	Page 131
Radius Arm, Rear	Page 93
Rear Light Panel	Page 145
Rear Suspension	Page 93
Rebuild Kits, HS2 Carburettor	Page 61
Rebuild Kits, HS4 Carburettor	Page 63
Rectifier	Page 97
Regulator, Alternator	Page 97
Relays	Page 109
Rev Counter	Pages 115 & 117
Ring Gear	Page 19
Road Wheels	Page 95
Rocker Arm	Page 23
Rocker Cover	Page 23
Rocker Gear	Page 23
Rocker Oil Feed Kit	Page 23
Rocker Pedestal	Page 23
Rocker Shaft	Page 23
Rotor Arm	Page 105

S

Screen Wash System	Page 113
Screws	Page 185
Seat Covers & Components, MkI-III	Page 165
Seat Covers & Comp., MkIV (1970-73)	Page 167
Seat Covers & Comp., MkV-1500 (1973-80)	Page 169
Seat Foams, MkI-III	Page 165
Seat Foams, MkIV (1970-73)	Page 167
Seat Foams, MkIV-1500 (1973-80)	Page 169
Serial, (Chassis), Numbers	Page 3
Service Kits, HS2 Carburettor	Page 3
Shear Bolts, (Steering)	Pages 85 & 87
Shock Absorber, Front	Page 89
Shock Absorber, Front	Page 91
Shock Absorber, Rear	Page 91

Shock Absorber, Rear	Page 93
Silencer, (Exhaust), MkI-III	Page 77
Silencer, (Exhaust), MkIV-1500	Page 79
Sill, Inner	Page 145
Sill, Outer	Page 145
Slave Cylinder, (Clutch)	Page 35
Solenoid, Starter	Page 109
Spare Wheel Board & Cover, MkI-III	Page 159
Spare Wheel Board & Cover, MkIV-1500	Page 161
Spark Plugs	Page 105
Speedometers	Pages 115 & 117
Spigot Bush	Page 35
Spinners, Wire Wheels	Page 95
Spire Nuts	Page 185
Spitfire History	Page 3
Split Pins	Page 185
Spoiler, Front, MkIII	Page 137
Spoiler, Front, MkI-II	Page 135
Spoiler, Front, MkIV-1500	Page 141
Spring, Road, Front	Page 91
Spring, Road, Rear	Page 93
Starter Motor	Page 97
Starter Solenoid	Page 109
Steering Arm	Page 91
Steering Column	Pages 85 & 87
Steering Lock/Ignition Switch	Pages 85 & 87
Steering Rack	Page 89
Steering Wheels	Pages 85 & 87
Steering, (Removing/Refitting)	Page 89
Striker Plate, (Doors), MkI-III	Page 149
Striker Plate, (Doors), MkIV-1500	Page 153
Stub Axle	Page 91
Stud, Cylinder Head	Page 23
Studs, (General)	Page 185
Sump Plug	Page 15
Sun Visors	Page 171
Suppressor, (Plug), Caps	Page 105
Suppressors	Page 109
Suspension, Front	Page 91
Suspension, Rear	Page 93
Switch, Boot Lamp	Page 109
Switch, courtesy light	Page 109
Switch, Dip/Flash & Indicator	Pages 85 & 87
Switch, Handbrake Warning	Page 109
Switch, Hazard Warning	Pages 115 & 117
Switch, Overdrive (Single Rail Gearbox)	Page 47
Switch, Overdrive Inhibitor	Page 109
Switch, Overdrive, (3 Rail Gearbox)	Page 37
Switch, Overdrive, (Gear Lever)	Page 37
Switch, Reverse Lamp	Page 109
Switch, Seat Belt Warning	Page 109
Switch, Wash & Wipe, (1500 Late)	Page 85 & 87
Switch, Washer Pump	Page 113
Switch, Wiper	Page 113
Switch, Wiper, (1500 Late)	Page 85 & 87

T

Tappet, (Cam Follower)	Page 23
Temperature Gauge	Pages 115 & 117
Temperature Transmitter	Page 109
Thermostat	Page 33
Threshold, (Sill), Plates	Page 161
Timing Cover	Page 19
Timing Gear	Page 19
Tonneau & Fittings, MkI-III	Page 176
Tonneau & Fittings, MkIV-1500	Page 181
Tools, Road Side	Page 95
Track Rod End	Page 89
Trim Colour Codes	Page IBC
Trunnion Bush Kit, Front	Page 91
Trunnion Bush Kit, Rear	Page 93
Trunnion, Lower	Page 91
Tube, Vacuum	Page 105

U

UJ's, (Universal Joints)	Page 59
Under Rider, Front, MkIII	Page 137
Under Rider, Front, MkI-II	Page 135
Under Rider, Front, MkIV-1500	Page 141

V

Vacuum Unit, Distributor	Page 105
Valance, Quarter, Front, MkIII	Page 137

Valance, Quarter, Front, MkI-II	Page 135
Valance, Quarter, Front, MkIV-1500	Page 141
Valve Cap, (Engine)	Page 23
Valve Guide	Page 23
Valve Seat Insert, Exhaust	Page 23
Valve Seat, Insert, Inlet	Page 23
Valve Spring	Page 23
Valve, Exhaust	Page 23
Valve, Inlet	Page 23
Vertical Link	Page 91
VIN Number Information	Page 3
Viscous Coupling Fan	Page 33
Voltage Stabiliser	Page 109

W

Waist Rail Covers, MkI-III	Page 149
Waist Rail Covers, MkIV-1500	Page 153
Warning Lamps	Pages 115 & 117
Washer Bottle	Page 113
Washer Jet Assembly	Page 113
Washer Pumps	Page 113
Washer System	Page 113
Water Control Valve, (Heater)	Page 121
Water Pump	Page 33
Water Return Pipes	Page 33
Water Temperature Sender Unit	Page 19
Weather Strips, Door, MkI-III	Page 149
Weather Strips, Door, MkIV-1500	Page 153
Wheel Arch, Front, MkIII	Page 137
Wheel Arch, Front, MkI-II	Page 135
Wheel Arch, Front, MkIV-1500	Page 141
Wheel Arch, Rear	Page 145
Wheel Bearing Kit, Front	Page 91
Wheel Bearing Kit, Rear	Page 59
Wheel Board/Cover, Spare Wheel, MkI-III	Page 159
Wheel Board/Cover, Spare Wheel, MkIV-1500	Page 161
Wheel Box, (Wipers)	Page 113
Wheel Cylinders	Page 83
Wheel Nut	Page 95
Wheel Tools	Page 95
Wheel Trim Rings	Page 95
Wheel, Road	Page 95
Window Winder Mechanism, MkI-III	Page 149
Window Winder Mechanism, MkIV-1500	Page 153
Windows, Door, MkI-III	Page 149
Windows, Door, MkIV-1500	Page 153
Windscreen Capping	Page 147
Windscreen Frame	Page 147
Windscreen Seals	Page 147
Windscreen Wash	Page 113
Windscreen, (Glass)	Page 147
Wing, Front, MkIII	Page 137
Wing, Front, MkI-II	Page 135
Wing, Front, MkIV-1500	Page 141
Wing, Rear, (Inner/Outer)	Page 145
Wiper Arms	Page 113
Wiper Blades	Page 113
Wiper Motor	Page 113
Wiper Parking Switch	Page 113
Wiper Rack Assembly	Page 113
Wire Wheel Spinners	Page 95
Wire Wheel Tech Tips	Page 95
Wiring Connectors	Page 103
Wiring Looms	Page 103
Wishbone Arm, Lower	Page 91
Wishbone Arm, Upper	Page 91

What Can I Do To Make My Spitfire Go Faster?

There really isn't a simple answer to this question. For instance: Do you want higher speeds on the motorway or do you want more mid-range torque? Do you drive your car fairly hard on a daily basis, or just use it on weekends? Would you like that little bit more power, or do you want maximum BHP? Or, do you just want the car to be quicker through bends? Then we could ask, have you, or are you going to, upgrade the brakes? Are your suspension and/or steering bushes/components OK? Will your transmission and drive train handle more power/speed? Is your car standard, or has it been previously overhauled/uprated?

On the following pages, you will find a range of quality components that will improve engine performance, braking, steering and the handling of your classic and, if you want to make it a real head turner, complete the transformation by fitting a set of wide section alloy wheels. Please don't forget, before increasing the power output and speed of any vehicle, you should ensure that your brakes, steering, chassis etc can cope with the modifications, and, a roll bar is a very sensible investment... for all open top sports cars.

Note: Descriptions And Dimensions.

As we have no control over installations/modifications (whether previous or current), it is the sole responsibility of the user to ensure safe and correct fitment, tolerances and clearances. Manufacturers/suppliers descriptions and dimensions are given in good faith at the time of publication. Errors and Omissions Excepted.

Body Panels

We supply a range of replacement fibre-glass panels. Please contact Moss for full details.

Cooling

The standard Spitfire radiator - even when new, is only just adequate in cooling the 1500 engine in traffic, so we strongly recommend you fit our uprated (wider) performance radiator - part number RKC2117.

Note: The wide radiator which was fitted to the very early Spitfire 4 and Herald range, is of no benefit to the cooling of the Spitfire range.

The fitting of a Kenlowe electric fan has been found to be very worthwhile on the Spitfire range, not only to improve cooling but unlike the standard fan it does not absorb energy (approx. 3bhp) from the engine. The later 1500 models use a viscous coupling fan unit which is quite good, but when it gives problems we have found that the Kenlowe electric fan is a very worthwhile investment.

Engine Oil Cooling

For all models it is worthwhile for an oil cooler to be used, as the temperature can easily exceed 100 degrees for even standard vehicles on medium distance motorway work. The kits are listed in various styles to suit all needs, all kits are supplied with ready assembled hoses and mounting brackets. The installation kit can be supplied with a thermostatic controlled adaptor plate for road cars which can give you the best control of the oil temperature.

For the Spitfire/Herald range, the oil radiator is mounted in front of the water radiator and, upside down, so that the inlets are underneath the oil radiator. We also now list a conversion which enables an oil filter to be fitted which will stop the early morning bearing rattle, but this can only be incorporated when fitting an oil cooler system.

To simplify the options we have listed this conversion for thermostatic. For owners who already have one of our oil coolers fitted, then we can supply the special conversion adaptor and filter only, this may not fit other manufacturers adaptor blocks.

Ignition System

Electronic Ignition

If you are tired of setting the points, then electronic ignition is the answer, refer to pages A10-11 in the Accessories section for full details of the different ignition systems we supply.

AC Delco Distributors

These are fitted to all Spitfire models prior to the 1500. The MkIII 3122 distributor has the best advance curve for a modified engine, but these are difficult to obtain. All the other units now available produce too much advance and must be tweaked to suit the engine. At present we are unable to offer any sensible alternative as the tachometer must also be driven from this unit.

Lucas Distributors

The 1500 models all use this type of unit, with electric tachometer, which for a road car can be made to produce good results with only minor tweaks to the springs, use spring pack TT1903. We also list two alternative units which have a reduced curve for with models equipped with SU carburettors, with vacuum advance, or for Weber's, without vacuum advance.

Lucas Advance Springs

For Lucas distributors, we are able to supply a set of five advance springs, part number TT1903, so that the advance curve can be tailored to suit your own requirements. These are used to restrict the low speed advance curve to reduce the pinking problem.



Mallory Distributors

If your vehicle was originally fitted with a Lucas distributor, then you can fit the track proven twin point Mallory distributor.

Performance HT Ignition Leads

Whether you fit high performance silicone or competition plug leads, they are essential if you have fitted a sports coil, uprated distributor and NGK spark plugs.

Brake System

This is a very important area that must be attended to when carrying out any conversion work. We will continue on the assumption that the braking system is in a working condition and that the brake discs are not worn out or badly scored, both of which will affect the possible braking efficiency. We supply uprated brake pads that can be used with standard calipers and disc as well as complete uprated brake kits.

Spitfire Models

For road use the standard parts can be retained with the improvement of the linings being uprated to restrict the fade at high speed. For further improvement the GT6 system is recommended as the larger disc will give better braking. To install this, the vertical link and caliper mount is changed to suit the larger disc and caliper, as well as the stub axle and wheel hub to suit the larger bearings. The brake master cylinder will need to be increased in size as well as the use of smaller wheel cylinders or the fitting of the larger GT6 rear brakes complete.

GT6 & Vitesse Models

For a road car uprated brake pads will help to reduce brake fade. For cars which need much better braking we would recommend the use of the ventilated brake disc kit. When installing this kit, some calipers may need modifications to clear the inside of the road wheel.

Brake Servo

This is recommended for all cars with single braking system. This uses a remote servo unit which is plumbed into the brake line and inlet manifold. The increase in braking efficiency is well worth the cost of this item for a road car and in some instances can be used for racing applications as well. This cannot be used where the car is fitted with dual line braking circuit as there is not enough room to install the special dual line servo system, which is an integral servo and master cylinder.

Brake System

General Brake Information

When fitting new harder linings it is essential that they are bedded in correctly for them to work efficiently and give the best results. Remember, some, but not all brake pads and linings are still made from asbestos, for personal safety do not use a brush or air line to remove brake dust, but instead use a vacuum cleaner or a damp cloth together with a can of brake cleaner. Make sure the dust and/or cloths are disposed of properly. (Don't use hard pads with cool running discs).

Brake discs also need bedding in on low speed gentle braking for about 10 miles, gradually raise the speeds, but maintain the gentle braking application. Then make 2 to 3 heavy braking applications, which should complete the bedding in. We also recommend the fitting of stainless steel braided hoses, that give a firmer brake pedal and less pressure drop through hose expansion. Complete brake pipe sets are also available and are supplied complete, ready assembled with unions for easy installation.

Steering

It goes without saying that all steering components/bushes must be thoroughly inspected and replaced as a matter of course if suspect. We also supply quick racks that have a high ratio pinion giving you lock-to-lock in only 2.5 turns, compared to the standard 3.5. These are really aimed at competition vehicles as they do give heavier steering.

Suspension

When rebuilding or modifying the suspension make sure you check all components for wear (trunnions for worn nylon bushes, or wear to the vertical link and bushes).
The order of priority for suspension tuning is:

- 1) Front Springs & Shock Absorbers.
- 2) Rear Springs & Shock Absorbers.
- 3) Front Anti-Roll Bar (larger).
- 4) Rear Anti-Roll Bar.

For competition cars, if regulations allow, use GT6 suspension components which will allow the larger disc and brake pads, plus larger wheel bearings. You will also need to increase rear brake diameter for balanced competition braking.

Anti-Roll Bar

The fitting of the front and rear anti roll bars together has proved to be very worthwhile in obtaining a more neutral steering car which is much more stable through the bends and is also more forgiving in driver error, i.e: nowhere near so much directional change if you stop accelerating while cornering. The front bar uses the standard end fittings and the 1500 centre clamps.

Spitfire Mkl, II III, & Heralds

Fit both front and rear bars together to obtain a balanced car using the 7/8" front bar.

Spitfire MklV & 1500

Again fit both bars together but use the larger 1.00" bar at the front.

GT6 & Vitesse (All Models)

These models use the 7/8" bar at the front with the relevant rear bar to suit the type of suspension fitted to the car. The 1" bar can be used but is only recommended for competition use. For competition we can also offer the nylatron bushes for the inner wishbone position which will give a superior control.

Shock Absorbers

It goes without saying that when proposing to increase the performance of any car, uprated dampers must be fitted. Please refer to the Accessories section for full details.

Front Springs

To improve stability and road holding, it is essential to raise the front spring rate and to lower the ride height. This can be achieved with a change in springs and if required, the use of adjusting spacers to correct the ride height to suit your own use.

One car can vary considerably from the next, it may be found that on some cars the road springs do not reduce the height, because the originals have sagged to a lower ride height through old age or damage. The relationship between the new spring's fitted length and the resulting ride height is a ratio of approximately 5:8: i.e: if the spring's fitted length is 5 units shorter, the reduction in ride height will be 8 units - the amount increasing because the lower wishbones do not sit horizontally on the car.

Note: In the specific suspension tuning section we have given the fitted length of all springs so you can determine the correct type for your car/application.

Rear Suspension

See the Accessories section for full details of the different types of rear suspension layout.

Wheels And Tyres

These can obviously alter the overall gearing considerably, so it is an important feature of any intended conversion. Again some applied thought before you start may save you time and money later on.

Clutch

6 1/2" Clutch (See page A15 the Accessories section for notes on flywheels).
This is fitted to all models prior to the 1500. The supply of the spares for this size is now difficult, especially when looking for uprated specifications. Use new standard parts for an uprated road car and for racing, please contact us, where we may be able to assist by using the larger type clutch.

7 1/4" Clutch (See page A15 in the Accessories section for notes on flywheels).
For a 1500cc road car the standard clutch is adequate although for hard driving/competition the unit can be uprated. The standard plate is recessed into the flywheel, this recess must be machined away for a flat faced type of clutch to be used, we are able to supply which is capable of covering up to 125 bhp.

Close Ratio Gearbox

3 Rail Type Gearbox (Reverse is next to 1st Gear).
There are a few variations on this range and some gears cannot be interchanged from model to model. The GT6/Vitesse set of gears are the basis for the close ratio gear set for the Spitfire range. The gears

are a straight fit but the input shaft must be modified to suit the new application. (Close ratio gearboxes are available on an exchange basis).

Single Rail Type Gearbox (Reverse is next to 3rd Gear).
Again the close ratio gear set is based on the GT6 gears and exchange gearboxes can be built to order, with standard or competition size bearings to the laygear and input shaft. This range use the 1.00" x 23 spline clutch.

Gear Ratios		2nd	3rd	4th
Spitfire		2.16	1.39	1.00
GT6 & Vitesse		1.78	1.25	1.00

Uprated Overdrive

We may be able to uprate your own overdrive if the unit is in good condition.

Note: This may not be possible with the D type overdrives.

Axle Ratios

The easiest way of altering the acceleration or cruising speed, is to change the axle ratio, either as a unit or crown wheel and pinion. Due to the many production variations on the same model range some of these ratios cannot be fitted directly.

The higher the numeric value of the ratio - the lower the gearing, i.e.: lower top speed for the same RPM.

The chart here covers the range of ratios that have been available to suit the models shown.

When changing the differential ratio, please think of the overall effect to your cars performance, including the selection of the road wheel and tyres, especially regarding 50/55/60 aspect tyres, and the ability of your engine to pull maximum revs is also an important factor.= GT6 & Vitesse.

DIFFERENTIAL Ratio	2A	2B	2C
3.27:1-	-	X	
3.63:1	-	-	-
3.89:1	X	X	X
4.1:1		X	X

Engine Variations

On any engine conversion, it is essential to consider very carefully the suspension and braking systems. We list here some of the sensible and possible engine transplant conversions. There are many more combinations which will depend on your own ingenuity and engineering capabilities.

Spitfire Models

Any large engine swap also requires substantial improvements to the handling and brakes as they will not be up to scratch, even for the standard car.

1300 To 1500 Engine

This can be easily carried out without too many problems, only requiring care as to the gearbox and clutch parts used, especially when working with the 1500 single rail gearbox.

1500 With Three Rail Gearbox (Early Type)

Use the 1500 flywheel and clutch cover with the 7.25" x 10 spline clutch plate.

1500 With Single Rail Gearbox (Late Type)
Late Type (Single Rail Gearbox) To Early Engines

There is a problem here with the clutch plate, requiring a 6.5" x 23 spline plate, which is not available, and also the rear crankshaft bush for the input shaft, which is available. It is possible to use the Dolomite 1300/1500 flywheel, change the ring gear, to fit the old starter, and then use the 1500, 7.25" x 23 spline, clutch complete.

6 Cylinder Engine Swaps

No major problems, but you must change the gearbox to the Vitesse/GT6 type at the same time. You will also require a GT6 radiator, bonnet and the interior to be corrected and the GT6 brakes to help stop the car.

The GT6/Vitesse gearbox is a close ratio unit against the standard Spitfire unit. One problem though is that the input shaft is incorrect in length and would require to be re-machined. We offer this in the close ratio gearbox unit supplied on exchange. The unit is also fitted with larger input and layshaft bearings for longer life.

Engine Variations (Continued)

GT6/Vitesse & 2000 Saloons To 2.5 Litre

- 1) On engines after 1972, a change of crankshaft and pistons is all that is required. On GT6 models the sump must be retained and modified to clear con-rod numbers 1 and 2.
- 2) On engines prior to 1972, it is best to obtain a complete 2.5 unit and install, as the cylinder head will not accept the increased stroke.

For both of the above, it is necessary for the rear engine plate and flywheel to come from the same source as the gearbox. If on GT6/Vitesse the fuel injection is being used then a pre-engaged type starter motor must be used. See page 62 for our range of pre-engaged geared high torque starter motors.

Even the TR7 8/16 valve 2 litre engines can be installed but would require a special hand made exhaust manifold to clear the chassis frame. Gearbox would be standard GT6 with Dolomite 1850 bellhousing, although this would require some adaptation as to the position of the assembly in the body/ chassis.

Please don't forget, before increasing the power output and speed of any vehicle, you should ensure that your brakes, steering, chassis etc... can cope with the modifications and a rollover bar is a very sensible investment... for all open top sports cars.

Engine Balancing

With all Triumph engines this is very worthwhile both in general rebuild or competition use. The rotating components are all balanced to reduce any engine vibrations in two operations. The crankshaft, front pulley/extension, flywheel, and clutch cover are all bolted together and spun-up to find, and remove, the in-balance point. The con-rods are balanced end-to-end and the pistons are then balanced to each other.

The end result is that the vibration point usually felt at 2800-3500 rpm is removed or reduced to insignificant levels. This vibration point could also reappear at the 5600 - 6500 rpm range, so it is important to remove the problem and therefore improve the engines reliability.

Engine Tuning

All the Triumph small 4 cylinder engines produce reasonable power with flexibility and reliability.

The correct order for engine performance improvement is as follows - which is not the same for all other engine designs.

Later in the performance section we have laid out the order of our PlusPac conversion suggestions that give you value for money steps, they are all designed for installation as a bolt on kit to an otherwise standard engine in good condition.

PlusPacs are not mandatory steps, but they are the most logical way of obtaining improved performance without wasting money. The order can be amended as to your final stage required, as long as you are prepared to accept varying degrees of improvement if the whole conversion is not being fitted at one time.

- A) Sports air filters, extractor manifold and silencer system.
- B) Carburation enlarged or changed, as model requires.
- C) Modified cylinder head, to improve the gas flow efficiency and economy through the engine.
- D) Performance profile camshaft to allow the engine to produce improved power at higher RPM.

If you prefer to install the camshaft or cylinder head in a different order, then the power increase will be altered and the full potential of the component may not be realised until it's associated component is installed. On some models the installation of Weber carburettors at an early stage can be very worthwhile if you are contemplating carrying out a full conversion later. We list the recommended sizes to be used for each model, there is not normally any benefit in going larger than this unless the car is used for outright competition use where the top-end power can be improved with the obvious loss of low speed tractability.

The engine can be improved easily, but do not forget to also look at the rest of the car to make sure that the road holding/braking is going to be adequate to cope with the new performance.

Exhaust System

Sports Exhaust Manifold

The fitting of an extractor manifold is the first step to improve power output. They improve exhaust gas flow allowing the engine to breathe far more efficiently. Our large bore 4-2-1 design tubular manifolds are produced using mandrel bending equipment to give full diameter pipe bends.

Sports Exhaust System

All our TriumphTune exhaust systems are of the straight through design for the efficient extraction of gases with optimum back pressure for maximum performance. All systems are supplied with clips and mountings but when being used with the standard down pipe an adaptor is required.

Twin GT Oval Box System

This very efficient exhaust system has two oval silencers and 1.75" diameter chrome tailpipes that give a real sporty exhaust note, but is within the UK noise regulations.

Twin GT Round Box System

Although this sports system with its twin round silencers and large bore acoustic chrome tail pipes has a quieter exhaust note - especially useful on long journeys, it is still just as effective a performance exhaust system.

K&N Sports Air Filters

K&N filters with their advanced filtration system, are acknowledged as being one of the most efficient air filters in production, and are essential for fast road and competition work. They use the suspended oil system of filtering that allows the engine to breathe properly. The elements must be cleaned and re-oiled, normally after approx. 12 to 15000 miles, using the correct fluids or they will clog up impairing breathing.

SU Carburettors

If maximum power from SU's is required, there have been a number of articles (see Books & Manuals) about how to flow these carburettors and, if followed carefully, will allow them to perform much better at high RPM.

For road use, it is beneficial to replace the butterfly with the plain type, these are available from stock. In some cases the fitting of 0.100 jets and needles to HS4 carburettors can improve petrol/air mixture for maximum performance, this is usually only required when used for racing.

948/1147cc

These engines were fitted with twin HS2 carburettors (except Herald models which had Solex). These can be retained, although for improved mid and top end power the increase to HS4 1 1/2" carbs, as fitted to all later Spitfire 1500 models, is worthwhile, but the inlet manifold must be changed for the TT1358A - which will also suit Stromberg 150CD's.

1300cc HS2 (1.25")

The twin HS2 carburettors are adequate (just) for 1300 engines, but if good performance is required then use the HS4 carburettors. The HS2 can be usable up to PlusPac B (see Stage Tuning) but would be the limiting factor after that stage. For some race regulations it is necessary for these to be retained, if so, there must be a lot of work carried out to the internals to achieve maximum power and air flow.

1500cc HS4 (1.50")

The HS4 when fitted to the 1500 cars can handle more power up to the PlusPac C (see Stage Tuning) conversion adequately and be reliable, but not with the Waxstat jets, without there being any major loss in torque/power. Check the carburettor build number carefully before ordering any parts.

Needles

See page A17 in the Accessories section for use of alternative needles.

Grose Jets (Part Number GAC9201X)

Grose jets, with their modern technology don't stick open like the old needle and valve units. Jets are sold individually.

Waxstat Jets

These jets can give problems on late 1500 models in hot weather/town use as they tend to weaken off the mixture too much when hot and don't allow a good idle, this can be corrected in two ways, new waxstat jets or, our conversion kit, TT1459, to normal fixed jets that will cure the problem.

Weber Carburettors & Linkage

Carburettors

A single DCOE carburettor arrangement is for customers who require a substantial performance increase without the drawbacks of a twin carburettor set up. It is ideal for a road car, where a power increase would be appreciated but absolute maximum power output is not necessary.

1300 models should use the 40 carburettor for all applications. For 1500 models used for road/sprint work you can use a single 40 or 45 depending on performance required, for twin fitment use 40's. Racing 1500's can use a pair of 45's but will lose low speed torque.

Linkage Kits

We supply two main types of throttle linkage for Weber carburettors.

Standard Linkage

This direct acting linkage uses the standard throttle cable and comes with new brackets that bolt on to the carburettor (See page A18 in the Accessories section for full details).

High Flow Linkage

These are ready assembled quadrant kits which can be used with single or twin carbs accelerator cable (See page A18 in the Accessories section for full details).

An extra water pipe will also be required to reconnect the inlet manifold water hoses.

Manifolds For Weber

For Single Carburettor Installation

Parallel Manifold (See page A19 in the Accessories section for full details).

This standard type single carburettor manifold allows a deeper filter to be used, but is not very efficient in distributing the gases to obtain maximum flow. Supplied complete with linkage as a ready to fit kit.

Cross-Over Manifold (See page A19 in the Accessories section for full details).

The cross-over manifold is our own proven TriumphTune design that produces much better distribution of gases for good road work.

For Twin Carburettor Installation

Long Tract Manifold (See page A19 in the Accessories section for full details).

The twin manifolds are preferable as they produce better mid/top end power. The overall length is 9.5", including the carburettor/manifold, but not the filter. These are designed for 40's but for full race 1500's, the 45's can give better maximum power.

Short Tract Manifold (See page A19 in the Accessories section for full details).

This was designed to fit the Dolomite 1300/1500 and Toledo range, when servo brakes are fitted, as they have a restriction on the length available, overall length is 6.5" carburettor/manifold.

Engine Preparation (4 Cylinder Engines)

When carrying out any engine rebuild, it is very important to use an accurate workshop manual, this should be a genuine version as these tend to give the various model changes and the correct torque settings. When building any engine, the only correct way is to make sure that the area being used for assembly is clean, not to mention the components themselves prior to assembly, so that there is no chance of unwanted contamination getting into the engine.

Full engine preparation will include some or all of the following modifications, depending on your own requirements.

Here we shown some formulae which are useful when modifying an engine.

Swept Volume= $r^2h = 3.142 \times (1/2 \text{ bore diameter})^2 \times \text{stroke}$
Cubic Capacity= swept volume x no. of cylinders
Compression Ratio= swept volume + chamber volume
(Chamber volume where chamber volume includes gasket, piston (if dished) and amount of deck height as well).

All dimensions should be in centimetres, though of course inches are a more popular measurement in the U.S.A.

Cylinder Block & Components

The block must be cleaned thoroughly before any machining work is carried out and then again afterwards. The cleaning should cover the oilways and waterways to make sure that the fluids will flow correctly.

Oilways

The cleaning of the oilways will require the removal of the screwed plugs in the engine block and when re-assembling use a suitable thread sealant. The machining left-overs or fazes, need to be removed whilst this work is carried out.

Waterways

Make sure that all deposits are removed to ensure adequate water flow, this is essential if a larger capacity is being used.

Cylinder Bores

When carrying out re-boring work make sure that the piston supplier's recommendations are complied with. For competition use, the clearances may be increased up to 0.005", depending on the piston manufacturers recommendations.

Thrust Washers

To ensure that the rearmost washers cannot revolve or move during arduous applications, they can either be doweled into position, one on each side of the block, or, machine the rear of the block and rear bearing cap to take a full thrust ring (like the 4 cylinder TR's use).

Main Bearing Caps

The standard cap does not normally require any change although the smoothing of the surface will tend to strengthen the unit. Polish, smooth and shot-peen the caps to relieve surface stress and reshape to give a uniform cross section. For hard road/racing use, fit 1/4" longer high tensile bolts (6 of BH607241X required) to the centre main cap and bottom-tap the holes to ensure they do not bottom-out. Remove the top three threads from the centre main by counter boring to put the load deeper into block. Remove all excess flashings from inside the cylinder block but do NOT grind any machined areas.

Steel centre main caps can be used, but are not normally required. It is possible - especially for racing use, to increase the oil supply to the centre main as this in turn supplies the con-rods. Drill out the feed hole to 5/16", entry is made from oil gallery end. The distributor bush will also require removal. Ensure all oil ways are clear not only of deposits, but also of excess swarf from production machining.

Oil Pump

Always use a new oil pump, the later angled pump gives improved pick-up and preferably improve it's capacity - especially for competition work, by carrying out the following:

- 1) Reduce the end float of the spindle/base plate, this will then restrict pressure loss.
- 2) Make sure that the rotor clearances are as small as possible, as again this will improve the pumps performance.
- 3) Always check that the rotor edges are smooth to reduce the chances of them picking up on the top or bottom plates.
- 4) Check that the new pump outlet aligns with the cylinder block inlet aperture, amend as necessary.

Oil Pressure Relief Valve

The valve itself is recommended to be seated into the block, so that the oil will not leak past easily. The pressure spring can be increased to improve the overall oil pressure, especially when an oil cooler is being used. If the TriumphTune uprated spring is fitted make sure that there are no extra packing washers also installed.

Crankshaft

If you are re-using your old crankshaft it is recommended the oilways to be cleaned out properly - a pipe cleaner is very good for this. If the plugs are removed use a thread sealant when refitting. Tuftride hardening of the crankshaft is highly recommended to improve the life of the unit at a reasonable cost, this can be for road or competition use.

When Tuftriding is carried out, the crankshaft must then be re-machined or polished back to the correct journal size. Normally the journals are micro polished to give a good oil surface.

1147

The standard crankshaft really should be looked after for all road/modified cars by balancing and tuftriding, or use a steel billet crank for competition use.

1300

There are two types of bearing journal diameters available. Spitfire MkIII's use a smaller diameter 1.625" - MkIV and later have 1.875" diameter.

1500

For fast road use, the standard bearings are okay. For racing applications, use the MGB bearings (AEB4512 at +0.010" size) which then require a crank-shaft regrind to 1.8665 - 1.867" diameter. These bearings are easily fitted into the journal and only require the edge of the tag filing to locate into the con-rod properly, use a radiused edge on the crankshaft grind. The rotating assembly must be balanced and the use of tuftride hardening is also recommended.

For racing use, the crank can be micro polished an extra 0.001" under-size for more clearance to assist in extra oil supply to surfaces. The main bearing oil supply holes can be tear drop shaped in the direction of rotation, again to assist oil supply, really only needed for sprint/race engines.

Flywheel

Lightening of the flywheel to reduce the rotating weight will enable the engine to pick up and rev easier which is highly recommended for all fast road cars. This work is usually carried out to your own unit at the same time as balancing.

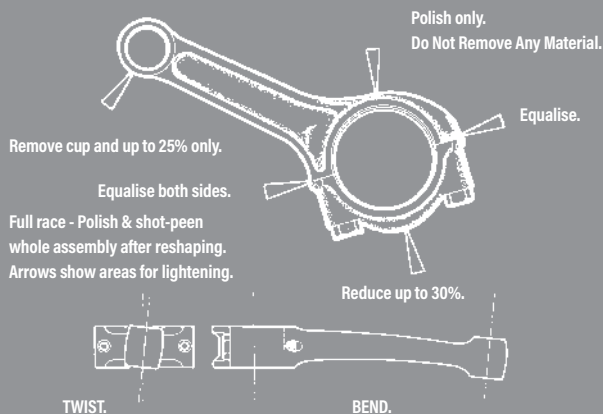
Alternatively for 1500 engines, fit one of our brand new lightweight steel flywheels, part number TKC1840X, that only weigh approx. 4kg (9lbs). This serious reduction in reciprocating mass being accelerated/ decelerated is probably equivalent to 10-20bhp depending on state of engine tune.

Con Rods (See illustration on page 10)

For normal use, the standard con-rods are maintained, although they can be lightened to improve the strength (as illustrated). Unfortunately, the cost of us carrying out this modification is prohibitive as a service because of the labour time required.

Alternatively, fit a set of steel billet type (part number 146454X). When rebuilding an engine always use new con rod bolts, replace the little end bushes and ream to size.

- A) Check the con rods for twist and bend defects, and also the big end for an out-of-round condition, replace any that are faulty.
- B) Check the overall length to make sure they are all equal.
- C) Check the little end bushes and replace, line bore to size.
- D) Fit as Matched sets for optimum performance and reliability.



Cylinder Block & Components (Continued)

Pistons

For racing use, there are a number of different sizes on some models, which require special treatment of the block and clearances, check carefully before re-boring. Pistons can be radiused on the lower edges to assist in reducing bore problems, also the whole unit can be polished after ensuring that the heights have been equalised. For a road car the standard piston is perfectly okay as long as a solid skirt type is used. We would not recommend the use of a race piston for road use, unless it was originally designed for both applications.

1147

Be careful when rebuilding as some models were fitted with either press fit or circlip type gudgeon pins.

1300

Use standard type of oversize pistons, up to 0.060 available. If 4 ring type has to be fitted, use only the top three rings.

1500

For any competition or fast road engine, only use a solid skirt three ring piston. Unfortunately, Hepolite powermax pistons are no longer available, but we can supply forged pistons. Alternatively, you can use TR6 pistons which are +0.040 as standard, or 0.060 @ + 20". This piston is very sturdy and quite light in weight as they are shorter in 'pin to deck' height. It is necessary to machine the block to suit (approx. 0.0165") these pistons, this will then give you zero piston height, then counter-bore the cylinder block as original, if the later type of head is gasket is being used. Counter-bore details are 3.175" x 0.030" deep. Pistons will require 0.020" removed above the top ring and radiused to the piston top so as to give clearance with the head gasket.

Piston Rings

Before final installation check that the width of ring is correct for your piston. Modify the ring ends after the gaps have been set, so that the edges do not dig into the bores. End gaps should be .015-.025".

Oil Seals

The standard oil seals, front and rear, should be replaced at any rebuild. The rear unit should be centralised carefully to stop oil leaks at high engine speeds.

Push Rods

The standard push rod is adequate for road use, however, we would recommend using tubular type for sprint/racing, they are also stronger and are 0.050" shorter than standard to suit high compression cylinder heads. Also essential if using roller rockers.

Cam Followers

When changing the camshaft, you must fit new cam followers, otherwise your new cam will not last very long. The amount of weight that the camshaft has to lift each time restricts the revving capabilities of the engine, therefore the use of the lighter cam followers (with oil drain hole) is recommended. The lighter variety will also reduce loading on the camshaft lobes for extended life.

Special Note For 1147 Models

These were always the small diameter type follower, it is therefore necessary when modifying this engine for these to be changed to the later type by boring the block to suit. Bore the block to 0.8002" > 0.8009" for the follower which is 0.799" > 0.800". The block bores are angled slightly, so please notify the machine shop when arranging the work.

Timing Chain And Gears (Crankshaft And Camshaft)

If a performance camshaft profile is being used, we recommend that you fit the duplex timing chain and gear set.

Vernier Cam Gear

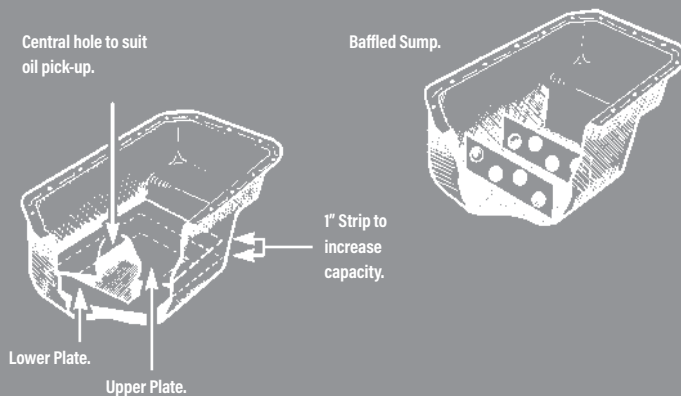
This adjustable cam gear allows precise timing of the non-standard camshaft for maximum performance. Only available as a duplex gear, the gear is made in two halves, which allows the adjustment to be made to suit your particular camshaft requirements.

Tensioner

The standard tensioner needs to be replaced if a new chain or gear set is being fitted.

Sump

For a road car it is not essential to carry out any changes, but for competition use the sump must be baffled to stop the oil surging away from the oil pump when cornering. Details as per the diagrams, if the capacity is increased, then extend the oil pickup pipe to suit.



Cylinder Head & Components

On all Triumph engines, the cylinder head must be gas flowed properly to maximize the performance and efficiency from the engine.

Special Note For 948/1147 Cylinder Heads

The cylinder head on the (948/1147) 6 port engines has been fitted with a number of different size valves during the production run. The Herald models were always fitted with a larger valve than the Spitfire models, although these were also of the slide in type of valve cap (not recommended).

All the modifications are based using the largest valves and to the flow rig designed chamber/ports profile. Our heads are supplied ready assembled with new valves, TT springs and new guides.

Work on the cylinder head centres around making the best diameter of the inlet port to suit and give maximum power potential. We have found that increasing the size of the inlet valve to 1.475" and very careful flowing of chamber/valve throat area will produce good torque and allow top-end breathing for sprint/racing use. The increase in exhaust valve size (competition use only) improves the flow of the port for maximum power.

The cylinder head modifications have been designed using a flow-rig to obtain the maximum from the head casting. Valve springs fitted to all our cylinder heads are the best uprated road specification. They are designed to allow the maximum lift from our performance camshaft profiles without excessive loads on the cam-lobes.

Spring retainers must be checked (especially the two part version for cracks). Alloy types are available to save weight whilst still being strong enough for all applications. Valves, these are recommended to be gas flowed in the slim design, as this will improve the efficiency of the modified cylinder head substantially.

Rocker Gear (General)

For a road car the standard rocker gear only requires minor alterations. For competition use or maximum power then the use of the roller rockers will be a major benefit. By reducing the weight of the moving components in the rocker gear, followers, valves, caps etc. and also the resistance of the rockers, the rev range can be improved without increasing the loading on the camshaft.

Valves

TriumphTune reshaped valves are manufactured in the very hard wearing stainless steel EN214 material.

Bronze Valve Guides

Our bronze alloy valve guides are for improved reliability and longer life, especially when being used under duress. Highly recommended for all heads and especially for any competition engine. Specially reshaped for improved flow.

Valve Springs

It is essential to check the springs for coil binding or being solid at maximum lift. Our TriumphTune valve springs are specially made for our high-lift cams. Remove lower spring collars if TriumphTune springs are used, as they are no longer required.

Alloy Valve Spring Caps

Standard caps are adequate in strength for all applications, but our TriumphTune light alloy caps reduce valve loading and therefore wear on cam lobes. Weight saving is approximately 25%.

Rocker Arm Action

The rocker arm is designed to move across the valve tip in a wiping motion, this leaves a witness mark on the stem top. To be certain your engine geometry is correct, remove the rocker arm and apply some engineers blue to the valve tip and rotate the engine through one revolution with the rockers correctly adjusted and the engine in its final specification. Remove the rockers and the valve tip will show the offset of the rocker geometry.

Centre

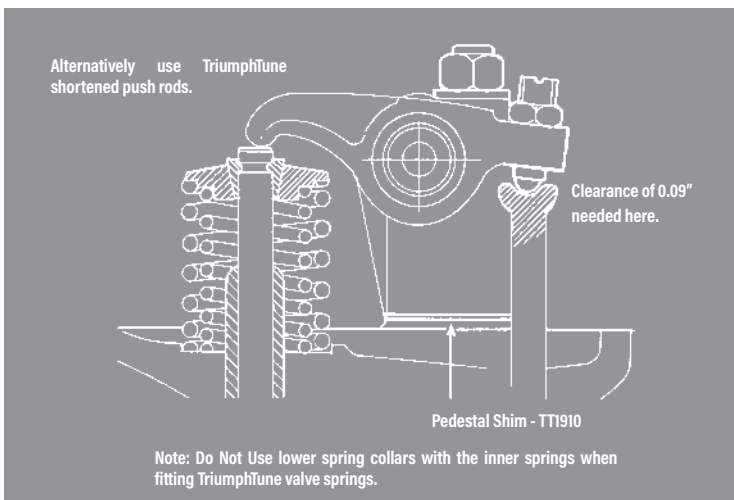
This is correct equally offset, so no excessive wear on either side of the guide will be found.

Manifold Side

If the mark is predominantly on this side, then the push rods and/or the pedestals must be shortened to correct this. With the wear on this side there will be excessive loading on the valve guide that will cause premature failure.

Rocker Side

If it is to this side slightly, then this is no problem. But, if it is a long way off, then you can fit a pedestal spacer shim (TT1910) to compensate, or alternatively, fit longer push rods.

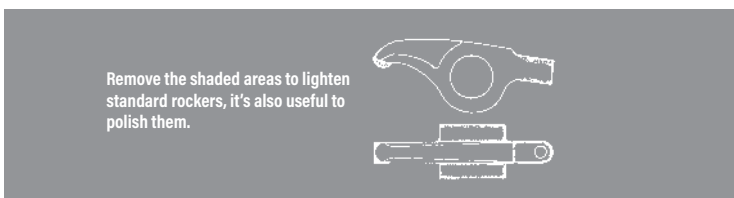


Rocker Pedestal Shims (TT1910)

These are available at a set depth to allow for a nominal skim of the cylinder head. The shim is specially designed to allow for the oil supply to the rear rocker pedestal.

Rocker Arm Lightening

For race engines, these can be reshaped as illustrated to improve the strength and reduce the weight. As this work is very labour intensive we would suggest that you carry out these alterations yourself.



Rocker Shaft

Although the standard rocker shaft is strong enough for most applications, the tuftride hardening process will provide improved reliability as well as being less resistant to wear. Before fitting any shaft, check that the end-plugs are in position.

Rocker Arm Spacers

These solid spacers replace the side tension springs and allow the rocker arms to rotate easier, thereby reducing the loading, whilst also keeping the arms more centrally in position.

Roller Rocker Conversion

This specially manufactured assembly is designed to operate valves with less resistance and with more efficiency. The power increase with the use of these rockers is approximately an extra 10bhp, and the power band can also be extended. We have found it preferable to maintain 108° > 110° peak to peak centres on cam profiles.

The steel rockers are made with needle roller inserts and have solid spacers already fitted. The end roller tips are specially made in high quality steel for long life. The roller rockers are also designed to give a higher lift ratio of 1.65:1 against the standard of 1.5:1. The design is also specially strengthened so as not to deflect at any time through the operating sequence.

This conversion necessitates the use of our high pressure external rocker oil feed kit (part number TT1226).

When fitting this conversion it is essential for the valve lift to be checked carefully, to ensure that there is at least a total of 0.040" clearance between the valve spring coils, at full lift.

- 1) On installation Check Maximum Valve Lift to ensure adequate clearance of valve springs.
- 2) Before starting the engine, the clearance of the rocker cover must also be checked.
- 3) Check the push-rods for flexing and replace with tubular type if necessary.

High Pressure External Rocker Oil Feed Kit (TT1226)

The cause of most failures in the rocker gear is the lack of oil, this kit will overcome the problem for all cars, road or race. This specially designed 'high pressure' external rocker oil feed kit improves oil pressure at the rocker shaft by giving a constant oil supply directly from the cylinder head oil passage. This kit is essential if roller rockers are fitted.



Gaz Shock Absorbers

Front & Rear Rate Adjustable

Gaz shock absorbers come with a 3 year warranty, and are specifically designed for fast road/sport applications. Features include, on-car adjustment, double lip piston seals and zinc plated bodies. These advanced adjustable dampers are supplied individually but should be fitted in pairs.

Rear Spring

To try and simplify the listings for all the different springs we supply, for all the different models, with all the different rear suspension/drive shaft layouts, we have split them into 3 sections to help you identify your spring type.

When fitting any new spring make sure that the leaves are well greased, so as to improve spring action and its working life. On the GT6 models the standard spring is specially made with a thicker lower leaf to cover the extra loading capabilities of the car.

Type A Rear Suspension: Rear Spring

Plain Transverse Spring.

For Spitfire MkI, II & III, GT6 MkI And Vitesse 1600 & 2 Litre MkI.

Rear Spring

For the best road holding it is necessary for the camber to be set in negative, i.e: the top of the wheels pointing in towards the centre of the car.

In standard condition the spring is set to give positive camber which makes for carrying full loads easily, but this is not the average running condition. We therefore set the spring so that it gives slight negative camber for the average running condition, which will therefore give you much improved road holding with the only restriction being that when fully loaded the car will be even lower.

On some models there have been recommendations by some experts that the Herald/Vitesse spring is changed for the MkIV spring. This can be fitted but it does not allow the carrying of any sensible loads, due to the spring leaves/rating not being designed for the extra body weight.

On most models when the spring is worn out the car attains negative camber, but the spring does not have any strength so therefore you are normally running on the shocker bump stops, which does not help the road holding. For this reason we offer an exchange service where the unit is repaired, re-tensioned and set to either standard height or to negative at 1-3° for a road car or 3-4° negative for race use.

Type A Rear Suspension: Rear Spring (Continued)

We carry out this exchange service on the spring type fitted to the car, so that the standard carrying capacity is still retained, although this will be lower. There are a few different build specifications of the leaf spring, these include:

Spitfire MkI to III	= 7 standard leaves
GT6 MkI	= 8 thick leaves
Herald/Vitesse saloons	= 11 standard leaves
Herald estates	= 8 thick leaves

Type B Rear Suspension: Rear Spring

Swing Type Transverse Spring. For Spitfire MkIV & 1500 And GT6 MkIII

Rear Spring

It is not essential to replace the spring for improved road holding. Normally it is required to be replaced as the unit is too low or weak. Replace with new standard spring or reconditioned on exchange, as follows:

Standard Height	Giving 0-1° negative for normal use.	
Fast Road		to be carried, albeit at a lower setting.
RaceSpecial spring setting at 3-4° negative. This is for driver and occasional extra loads and is not recommended for the average car.		

High Capacity Fuel Pumps, Filters & Regulator

The standard fuel pump may not be able to maintain adequate fuel pressure at higher engine speeds. The range of Facet high pressure electric fuel pumps however, suit all modified applications, the position in the car where the pump is mounted will determine which model is used. The cylindrical interrupter pumps can be fitted to the front or rear of the car and can pull fuel up to 18 inches from the bottom of the fuel tank. The cuboid solid state pumps must be mounted close to the tank and below the fuel level, the installation instructions must be adhered to. They can pull fuel up to 12" from the bottom of the fuel tank and the filter union must be fitted to the suction side of the pump. Both types of pump are supplied in negative earth only, they come complete with mounting bobbins and unions, you will have to re-plumb the fuel system around the new pump using a combination of standard pipes and hoses. Fine-tuning of the fuel pressure can be easily achieved by installing a pressure regulator, we can supply either a simple regulator or a filter regulator with a replaceable filter. We have the road competition version with 1/4" and 5/16" connections and the larger competition version with all 5/16" connections. With safety in mind, we also supply a inertia fuel cut off switch, so that in the event of an accident, fuel delivery is cut-off.

Side Draught Carburettor Conversion Kit

A twin choke side-draught carburettor greatly increases power in the mid to upper rev range. This can be improved further when the breathing through the engine has been enhanced by camshaft and cylinder head modifications. These conversions greatly improve throttle response for fast road or competition cars. For further details please contact your nearest Moss branch. Carburettors can be jetted to your requirements.

Single Weber Carburettor Conversion Kit

This kit fulfils the requirement for a single carburettor in any application, in road use this set up has proved to be very worthwhile. The Weber carburettor gives good power throughout the rev range once it has been properly adjusted to suit the customer's own installation. The kit consists of the carburettor, ready jetted for a standard car with sports exhaust, inlet manifold and linkage. TTK1459 Single Weber 45 DCOE (Fast Road Jetting)

Twin Weber Carburettor Conversion Kit

For maximum power and performance, twin side-draught carburettors are the best option. The improvement in mid to top end breathing is considerable and very noticeable, even on an otherwise standard engine. The jetting may need some adjustment, depending on the customer's own engine specification. The following kits are supplied with TT1350 inlet manifolds, two carburettors with size 28 chokes jetted for road use and the necessary linkage. TTK10959 Twin Weber 40 DCOE

Weber Carburettor Jet Settings: 1147. Note: These are basic settings which may/will need adjustment to suit your application, this can only be carried out with your car on a rolling road.			
		40 DCOE Fast Road	40 DCOE Fast Road/Sprint
Choke	28	30	33
Auxiliary Venturi	4.5	4.5	4.5
Main Jet	115	115	125
Emulsion Tube	F16	F16	F16
Air Jet	150	155	160
Pump	35	35	35
Idler Jet	45F8	45F8	45F9
Back Bleed	0	0	0
Weber Carb. Part No.	TT2934283		TT3934333

Weber Carburettor Jet Settings: 1300/1500. Note: The setting given here are a basis from which to work, they may/ will need adjustment to suit your application, and this can only be carried out with your car on a rolling road.				
		40 DCOE Fast Road	40 DCOE Fast Road/ Sprint	45 DCOE Race Spec.
Choke	28	30	33	33
Auxiliary Venturi	4.5	4.5	4.5	4.5
Main Jet	115	115	125	190
Emulsion Tube	F16	F16	F16	F9
Air Jet	165	155	165	175
Pump	35	35	35	40
Idler Jet	45F8	45F8	45F9	45F9
Back Bleed	0	0	0	N/A
Weber Carb. Part No.	TT2934283		TT3934333	TT3935344

Tuning the Triumph Engine

The order of priority when tuning the 1300/1500 engine is to first improve gas flow through the engine before altering the camshaft profile. The engine can be made to produce reasonable power with reliability if the cooling is improved and the unit modified to run safely at higher revs. An oil cooler is essential for all engines.

With regard to improving performance, on UK & European cars the first modification is the fitment of K&N filters, which when combined with the sports exhaust becomes the first stage of tuning, this will produce an increase of approximately 10bhp at the wheels.

Breathing improvements are always most important on this engine, so the next item is a gas flowed cylinder head, followed by a change of camshaft profile. When carrying out any of the latter modifications, the bottom end (crankshaft etc...) must be checked to ensure its condition is sound. If renovating the bottom end of the engine, the crankshaft may be re-ground and balanced, together with careful re-assembly of the unit, a good, powerful engine with reliability may be obtained.

As well as lightened flywheels and other products, we also offer a full balancing service for crankshafts, con rods and flywheels, and tufriding for cranks'. Please phone your nearest branch for details.

Performance Camshafts

Camshafts are available as reprofiled/exchange units or new, please state preference when ordering.

Camshaft Journal Diameters

On Spitfire models there are two types of camshafts fitted.

Small Camshaft Journal

For engines with replaceable camshaft bearings, 142647K, are fitted into the cylinder block, as fitted to 1147 & 1286cc engines to engine number FH25000E.

Large Camshaft Journal

For all other models, where the camshaft runs directly in the cylinder block.

Care must be taken to ensure that installation is carried out correctly and that all components work together or you will not get the expected power output or reliability. It is essential that the new cam is fitted with new followers as they mate with the lobe that they run on and should never be used on another lobe.

Lightened and tufrided followers wear more slowly and put less load on high lift cam lobes, they also feature a drainage hole. Another essential is the special lubricant that must be used with all new cams, it provides vital lubrication during initial starting and protects your cam from extreme wear in its first minute of use.

Don't forget the cam timing degree disc, TT2929, you will need this to set your cam timing.

Camshafts Explained

Remember that with a standard capacity engine the power band will be effective higher up the rev range than would be the case with an enlarged capacity unit. All camshaft profiles must use TT valve springs, and we strongly recommend you fit a duplex chain kit. Be aware that road and race cams mean just that. Road cams will not produce any results whatsoever on the race track - rainy days excepted!

Blueprint

Ideal for standard class competition.

Road 83 & 89

These are a very good stage 1 camshaft suitable for road cars equipped with SU HS4 carburettors.

Fast Road 83

For owners who, as a result of a fair amount of town driving, require a very good all round profile for use with either SU or Weber carburettors.

Fast Road

Best used with Webers, recommended more for open road driving, where the engine may be used more at high revs.

Fast Road 89

A new profile for open road use with Weber carburettors giving more mid to top end power.

Sprint 83 & 90

Although these cams can be used with modified road engines, they are primarily intended for track work.

All Race Cams

Suitable only for full race engines where maximum power - not tractability, is required. For full details please contact your nearest Moss branch.

Modified Cylinder Heads

Work on the cylinder head centres around obtaining the optimum size of inlet port to suit the application thus giving maximum power potential. We have found that increasing the size of the inlet valve combined with very careful flowing of the chamber and valve throat area will produce a reasonable amount of torque and allow top end breathing for sprint and racing use. An increase in exhaust valve size improves the flow of the port for maximum power. All heads are supplied ready assembled with new valve springs and guides.

The stage 2 head, using standard diameter reshaped valves, is ideal for a mildly modified engine, with either a standard or fast road cam. Anything beyond this type of modification would require the large inlet valve stage 3 head, with its improved flow using TriumphTune valves and further modifications to the chamber design.

For competition use the stage 4 head, with large inlet and large exhaust valves and special shaping of the chambers, is essential. All our heads are built with bronze alloy valve guides. For full competition engines, heads can also be supplied with formed or triple cut valve seats, as used in all full racing engines - to special order only.

Normally stock heads are finished with a compression ratio of 9.65:1, though the ratio can be altered to the customer's own specification. If a full competition engine is being produced with pop up pistons etc..., cylinder head modifications can be made to obtain the required compression ratio. We will need to know details of your cylinder bore size, piston and camshaft type, to enable us to arrive at the correct compression ratio.

Note: If there is a shortage of original heads, it may require that the work is carried out on your own unit. All exchange cylinder heads must be 'like for like'. Heads can be modified to a higher specification, please contact us for full details.

Upgraded Rocker Gear & Cam Followers

All cars can benefit from a replacement tufrided rocker shaft, they will resist wear and breakage especially when using high revs.

Note: The tufrided hardened shaft must be thoroughly purged of the salts used in the hardening process, before it is fitted to the engine.

Before fitting any rocker shaft it is essential to make sure that the end plugs are in position. The friction and the rocker side loads normally associated with the standard rocker gear can be reduced and the location made more positive, by fitting the three piece steel spacer set instead of the standard shaft springs. Pedestal shims are for use with standard rockers in conjunction with a higher compression cylinder head, enabling the correct rocker angles to be obtained. They have a nominal thickness of 0.040" and are supplied individually.

Roller rockers are designed to operate the valves with less resistance and more efficiency. The power increase with the use of these rockers is approximately an extra 10 bhp, the power band can also be extended. It is preferable to maintain 108° to 110° peak to peak centres on cam profiles if these rockers are fitted. The steel rockers are made with needle roller inserts and have solid spacers ready fitted, the end roller tips are made in high quality steel for long life. The roller rockers are also designed to give a higher lift ratio, 1.65:1 against the standard ratio of 1.5:1. The design is also specially strengthened against deflection at any time in the operating sequence. TT1408 valve springs must be used with this rocker assembly.

Important Note For 1147 & 1300cc Models

Roller rockers are not suitable for 1147cc engines and, on 1300 models valve to piston clearances must be checked when using high lift profiles.

TT1317	Tufrided Rocker Shaft
TT1318	Steel Spacer Set
TT1910	Pedestal Shims
TT1448	1.65:1 Roller Rocker Set
TT1408	Valve Springs-Double (Set Of 8) (Springs are large diameter).

TT1226**Rocker Oil Feed Kit**

(This oil feed kit must be used when fitting roller rockers).

TT1209**Lightened & Tufrided Cam Follower**

(Cam followers are supplied individually, 8 required).

1500 Engine Cylinder Block Modifications**Engine Block**

All work must be carried out in clean conditions if reliability is to be expected. Specialist work that may be required includes polishing and smoothing main bearing caps, plus shot peening to relieve surface stress, they can then be reshaped to give a uniform cross section. For racing use, fit 1/4" longer high tensile bolts to the centre main cap, bottom tap the holes to ensure the bolts do not bottom out. Remove the top three threads from the centre main by counter boring, to spread the load deeper into the block. Remove excess casting flash from inside the block, do not grind any machined areas. Steel centre main caps can be supplied, but are not normally required, it is possible for racing to increase oil supply to the centre main, as this in turn supplies the connecting rods. Drill out the feed hole to 5/16", entry is made from the oil gallery end. The distributor bush will also require removal. Ensure all oil ways are clear, not only of deposits, but also of swarf from production machining.

Pistons

For any competition or fast road engine, use only solid skirt three ring pistons. Moss can offer standard production pistons, plus over sizes, or alternatively Triumph TR6 pistons, standard TR6 pistons may be used in a +.040" bore 1500 block, +0.020" in a +0.060" over bored block. The TR6 piston is very sturdy and quite light, as it is shorter in pin to deck height. It is necessary to machine the block, approx. 0.0165", to suit these pistons, this then gives zero piston height. Then counter bore the block as original, if the later type of head gasket is being used. Counter bore dimensions are 3.175" x 0.030" deep. Each piston will require 0.020" to be removed above the top ring and then radiused to the piston top to give clearance with the head gasket, if using zero deck height.

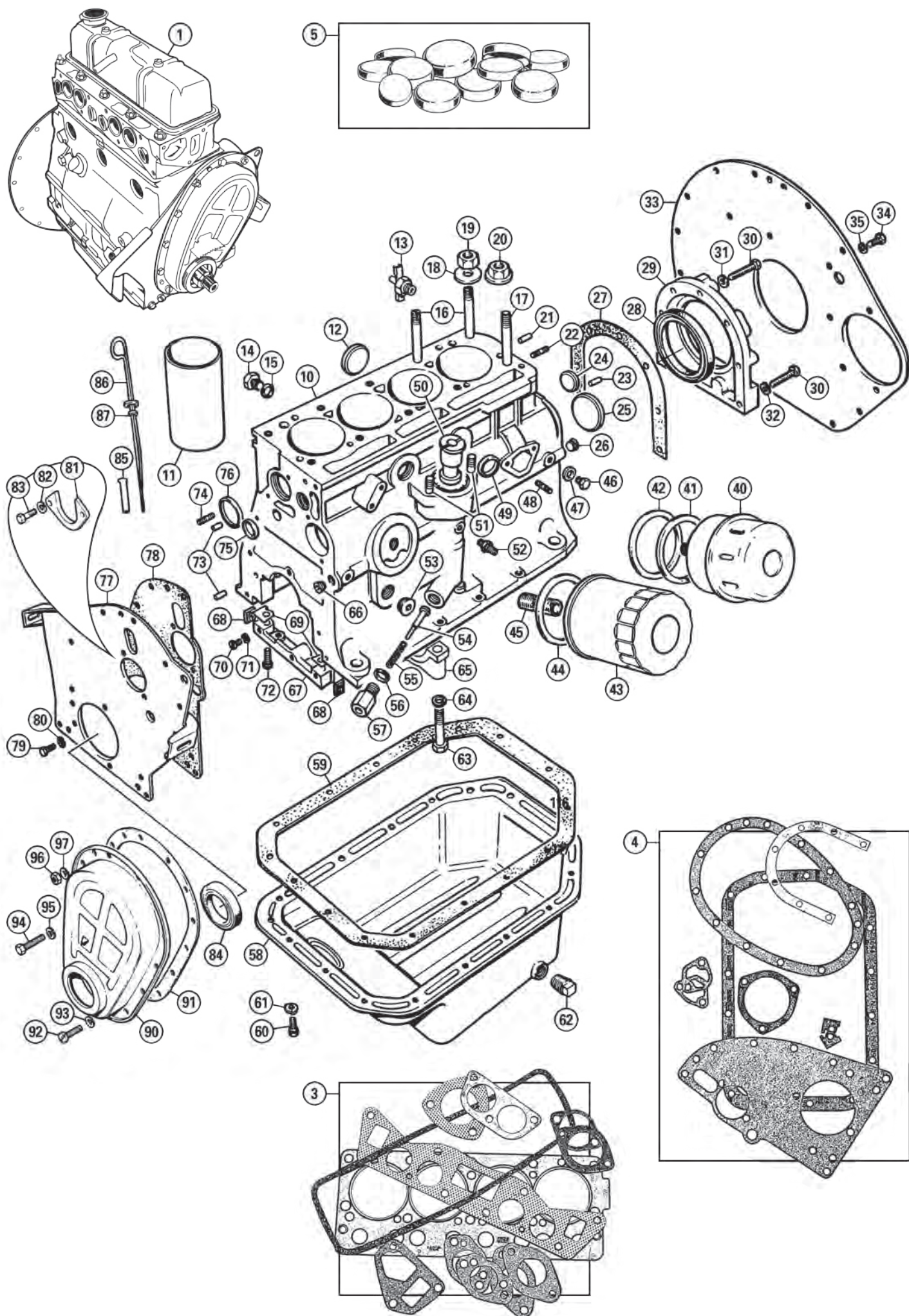
Crankshaft

In engines for fast road use, standard bearings are adequate. For racing use MGB bearings, part no. AEB4512, +0.010" oversize, which necessitates regrounding the crank to 1.8665" - 1.867" diameter. These bearings easily fit the journals and only require the edge of the tags to be filed to locate in the con rod properly, use a radiused edge on the crankshaft grind. The rotating assembly must be balanced, tufride hardening is also recommended. For racing, the crank can be micro polished an extra 0.001" under size for clearance, thereby assisting in oil supply to the surfaces. The main bearing oil supply holes can be tear drop shaped in the direction of rotation, again to assist oil supply, this is only really needed for sprint and race engines.

Connecting Rods

Always rebuild an engine using new con rod bolts, preferably higher grade material, and renew little end bushes, reaming to size.





ill.
Part Number
Description
Req.
Details

External Engine

Engine Development

Introduced in 1951 as an 803cc unit for the Standard 8 the 'SC' (Small Car), the engine underwent various stages of development from 1147cc & 1296cc before the introduction of the environmentally friendly 1500cc version, first in the USA, and later elsewhere. Triumph reduced the power of the 1296cc MkIII Spitfire unit from 75bhp to 63bhp with the introduction of the MkIV in November 1970. The problem was that US legislation had commenced its power erosion process which was to bottom out on Californian versions of the MkIV at 48 bhp, in the quest for pollution reduction. Unable to bore the engine out any more from the 1296cc version, Triumph engineers increased the capacity by altering the crankshaft to produce a longer stroking engine, increasing the capacity to 1493cc. Cylinder block depth remained the same as did the con rods. There were no changes to the head and only minor detail changes to the block.

At the same time as this change, the final drive ratio was changed from 3.89 to 3.63:1 to take full advantage of the extra torque now available, though the power only rose to 71 bhp. The 1500cc took its final bow in August 1980 in this form. UK and European versions had remained largely unaffected by Federal anti-pollution laws. British and European factory supported competition cars used only the 1147cc unit (competing in the up to 1200cc production sports class) and the Competition department closed down in 1966. Despite this however, North American Spitfires achieved amazing successes with 1147cc, 1296cc and 1493cc variations right up to 1980.

Gasket Sets

We supply two types of gasket sets for the Spitfire engine. The Conversion (bottom end) set includes all gaskets necessary to re-build the engine below the cylinder head gasket. The head gasket set comes in different forms depending on engine no. and contains the gaskets required to service the cylinder head. The correct head gasket is determined by the cylinder block, which can be identified by the inclusion or absence of counter bore recesses cut into its top face around each cylinder bore. Blocks without these counter bores are pre engine number FH25000. Cylinder blocks with the counter bore recesses will be engine number FH25001 onwards for 1300cc cars and FM28001 onwards for the 1500cc version. Failure to observe these differences and the subsequent use of the incorrect gasket set will result in the head gasket not sealing. The two major crank oil seals are not included in any of the gasket sets and should be purchased separately.

Full Engines (Reconditioned)

Comprising of reground crankshaft and camshaft, re-bored cylinder block, new pistons, new bearings, oil pump, timing chain, seals and gaskets. The unit is fully assembled with a reconditioned unleaded cylinder head. Our full engines are rebuilt by a major engine reconditioner.

1.	511576R	FULL ENGINE, 1147, recon/exch	1	MkI, high compression
	511577R	FULL ENGINE, 1147, recon/exch	1	MkI, low compression
	514555LF	FULL ENGINE, 1147, recon/exch	1	MkII, high compression
	511556R	FULL ENGINE, 1147, recon/exch	1	MkII, low compression
	RTC2458E	FULL ENGINE, 1300, recon/exch	1	MkIII-IV, high compression
	516029R	FULL ENGINE, 1300, recon/exch	1	MkIII-IV, small dia. crank
	516030R	FULL ENGINE, 1300, recon/exch	1	MkIII-IV, low compression
	GSE2459E	FULL ENGINE, 1500, recon/exch	1	standard, lead free
	GSE2459BFC	FULL ENGINE, 1500, recon/exch	1	standard, lead free, balanced unit clutch & flywheel balanced
	GSE2459ST2	FULL ENGINE, 1500, recon/exch	1	stage 2, lead free, clutch & flywheel balanced

Note: All work is carried out to customers own unit. Price quoted excludes external ancillaries. Please contact nearest Moss branch for full details.

Short Engines (Reconditioned)

Comprising of reground crankshaft and camshaft, re-bored cylinder block, new pistons, new bearings, oil pump, timing chain, seals and gaskets. The unit is fully assembled up to the head face. Our short engines are rebuilt by a major engine reconditioner.

	ENG1350	SHORT ENGINE, 1300, recon/exch	1	
	ENG1450	SHORT ENGINE, 1500, recon/exch	1	
	ENG1451	SHORT ENGINE, 1580, recon/exch	1	bored out to 1580cc

Note: All work is carried out to customers own unit. Price quoted excludes external ancillaries. Please contact your nearest Moss branch for full details.

3	GEG183	GASKET SET, cylinder head, 'top end'	1	MkI-II
	AJM1182	GASKET SET, cylinder head, 'top end'	1	MkIII
	AJM1149	GASKET SET, cylinder head, 'top end'	1	MkIV To (e) FH25000E
	AJM1209	GASKET SET, cylinder head, 'top end'	1	MkIV From (e) FH25001E
	AJM1195	GASKET SET, cylinder head, 'top end'	1	1500 From (e) FM28001E

Note: Cylinder head gasket sets include all gaskets required to remove and refit the cylinder head.

4	GEG216Z	GASKET SET, conversion set, 'bottom end'	1	MkI-III
	AJM279	GASKET SET, conversion set, 'bottom end'	1	MkIV & 1500

Note: Conversion gasket sets include all gaskets required to overhaul the bottom end of the engine, below the cylinder head gasket.

5	GAC7201X	CORE PLUG SET	1	1500
---	----------	---------------	---	------

ill.
Part Number
Description
Req.
Details

10	510610	CYLINDER BLOCK, bare	1	MkI & MkII up to (e) FC61022
	307492	CYLINDER BLOCK, bare	1	MkII from (e) FC61023
	307004R	CYLINDER BLOCK, bare	1	MkIII
	520245	CYLINDER BLOCK, bare	1	MkIV & 1500
11	132468	CYLINDER LINER	4	MkI-II
	158940	CYLINDER LINER	4	MkIII-IV
	158941	CYLINDER LINER	4	1500

Note: Cylinder liners were not installed in all engines, specialist knowledge required.

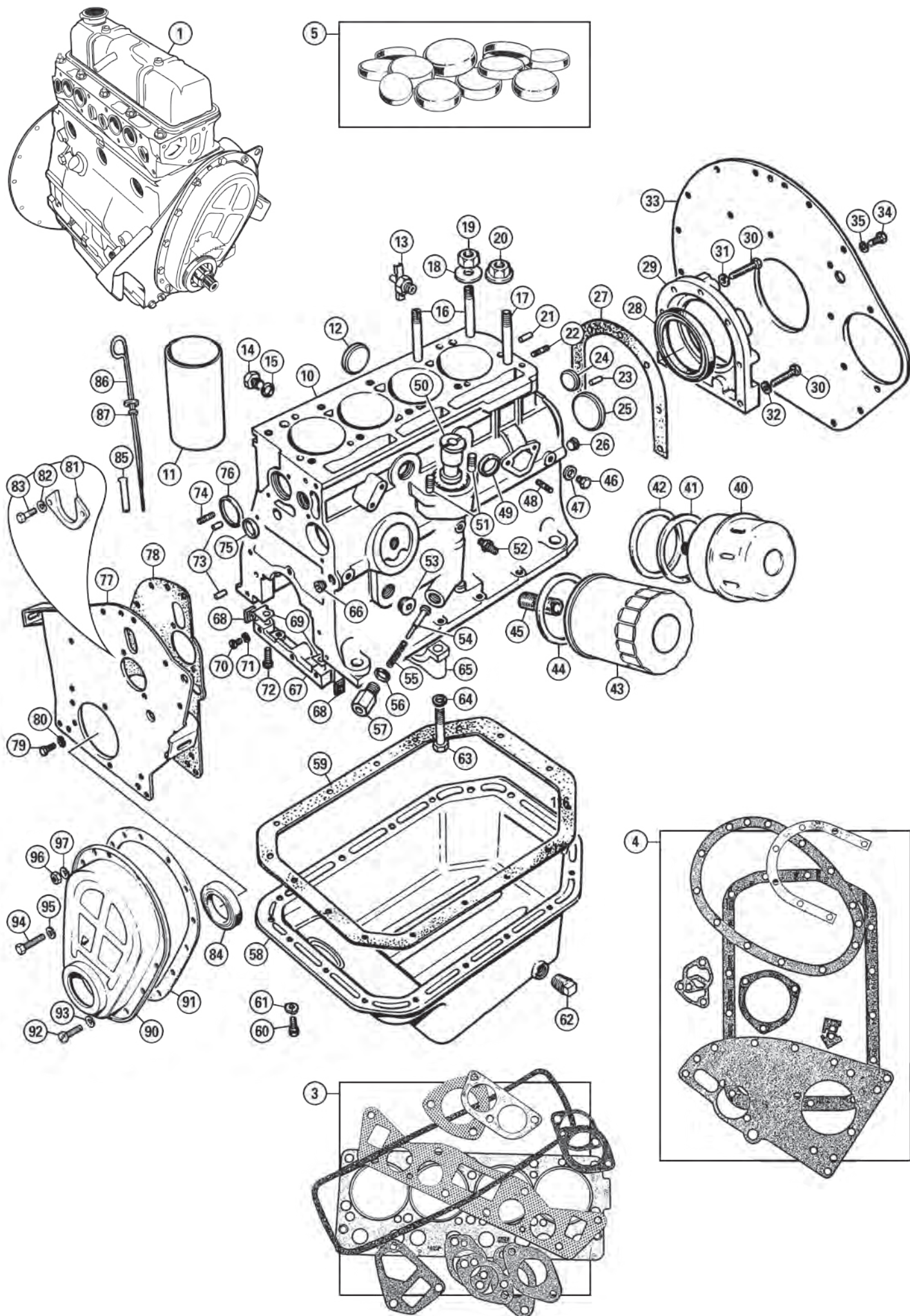
12	144688	CORE PLUG, bucket, 1.5"	3	
	046549	CORE PLUG, dished, 1.5"	3	
13	602915A	DRAIN TAP	1	alternatives
14	129077	DRAIN PLUG	1	
15	GHF346	WASHER, fibre, when plug fitted	1	
16	121217	STUD, cylinder head, 4 3/8"	2	
17	105121	STUD, cylinder head, 4 1/4"	8	
18	WP9	WASHER, hard	10	
19	110748	NUT, cylinder head	10	
20	51K1193B	NUT, cylinder head, flanged (Heavy duty uprated flanged nut for improved strength. The washer, item 18, is not required with 51K1193B).	10	
21	DP619	DOWEL	1	cut to length
22	FHS2513	STUD	3	
23	DP619	DOWEL	1	cut to length
24	144686	CORE PLUG, bucket, 1.25"	1	
	56712	CORE PLUG, dished, 1.25"	1	
25	148353	CORE PLUG, bucket, 2"	1	
	142440	CORE PLUG, dished, 2"	1	
26	118632	PLUG, screwed, oil gallery	1	
27	105321	GASKET, seal housing to block	1	
28	143456	OIL SEAL	1	all MkI from (e) FC79642E to 1500 also fitted to (e) FC69121E, from (e) FC69140E to (e) FC69143E & from (e) FC73286E to (e) FC73768E

29	137374	HOUSING, oil seal, scroll type	1	MkI & MkII up to (e) FC79641E with some exceptions, see below
	156530	HOUSING, oil seal	1	all MkI from (e) FC79642E to 1500 also fitted to (e) FC69121E, from (e) FC69140E to (e) FC69143E & from (e) FC73286E to (e) FC73768E

30	SH605091	SCREW	7	
31	500469	WASHER, copper	1	
32	GHF332	WASHER, locking	6	
33	201344	ENGINE PLATE, rear	1	
34	SH605061	SCREW	7	
35	GHF332	WASHER, locking	7	
40	128889	OIL FILTER	1	Purolator or AC Delco type replacement, to 1963
	GFE107	OIL FILTER	1	

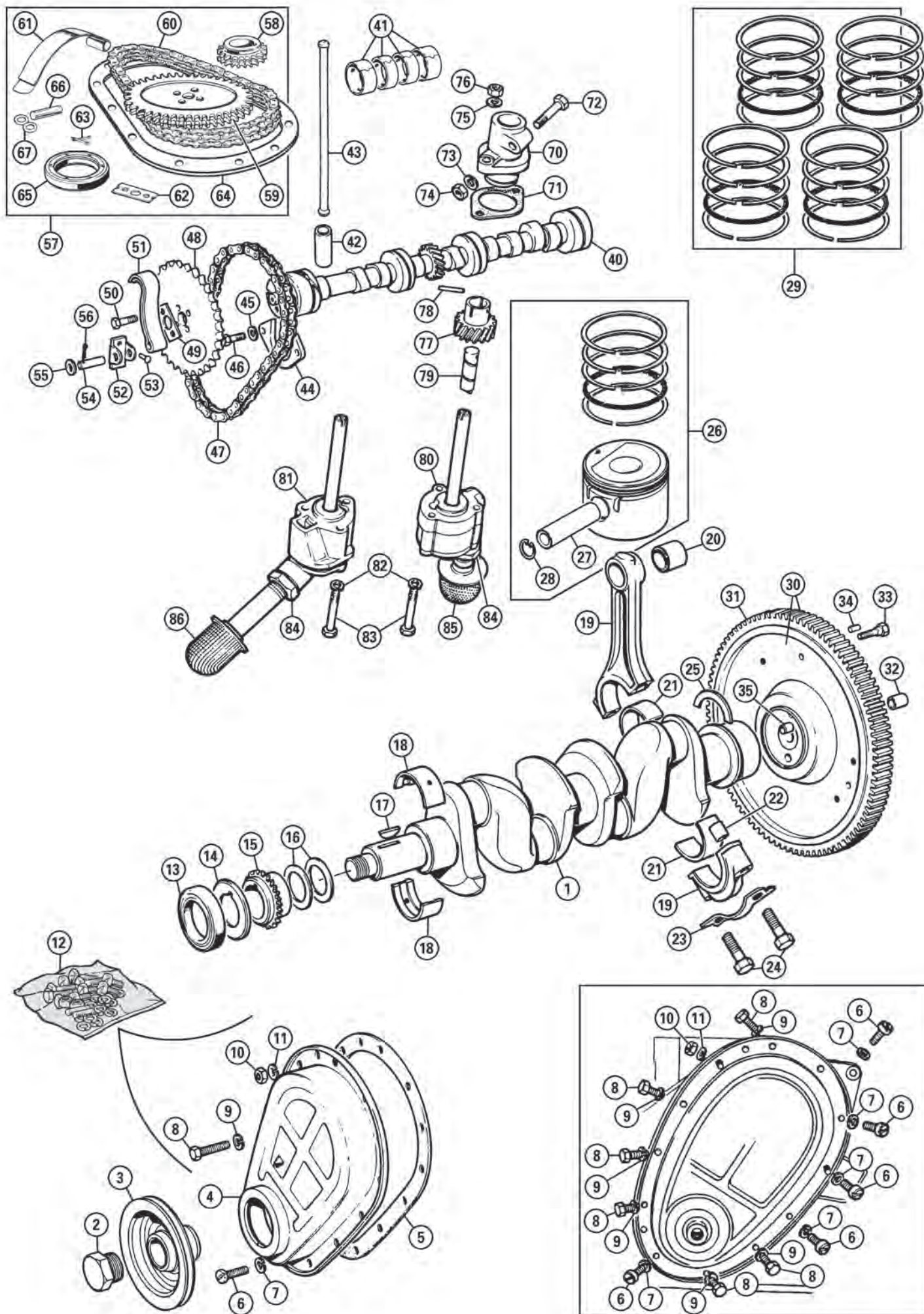
Note: The original early type oil filter assembly part no. 128889 is no longer available, but can be replaced with GFE107. The later type, GFE150, will fit all 1300/1500 blocks, but you will need adaptor 12G2518 if this part is missing. The seal is included with the filter.

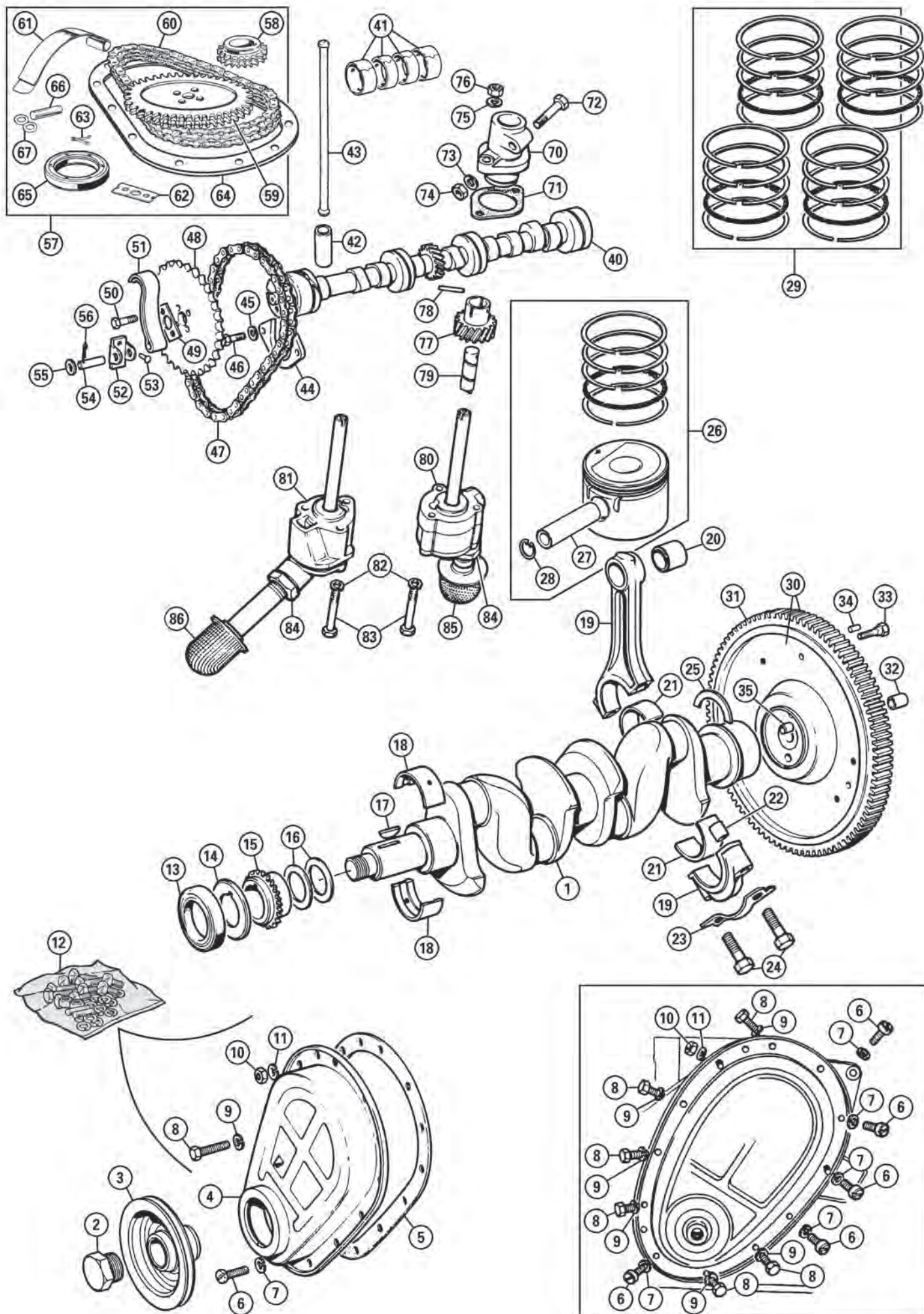
41	157409	SEALING RING, use with Purolator filter	1	
42	132098	'O' RING, use with AC Delco filter	1	
43	GFE150	OIL FILTER**	1	
44	157409	SEAL RING, use with GFE150	1	
45	12G2518	ADAPTOR, oil filter to block**	1	
46	SH605041	SCREW, oil gallery plug	4	
47	500469	WASHER, copper	4	
48	TE605105	STUD, fuel pump mounting	2	
49	144686	CORE PLUG, bucket, 1.25"	2	
	56712	CORE PLUG, dished, 1.25"	2	
50	131786B	SHAFT BUSH, oil pump drive	1	
51	TE605105	STUD	2	
52	GPS117	SWITCH, oil pressure warning light	1	
53	116516	PLUG, screwed	1	
54	132107	PISTON, oil pressure relief valve	1	
55	131535	SPRING	1	
56	6K433	WASHER, copper, housing	1	
57	107246	HOUSING, oil pressure relief valve	1	
58	213863	SUMP	1	
59	AJM517	GASKET, sump	1	
60	SH605051	SCREW, short	12	
	SH605061	SCREW, long, rear of sump	4	
61	GHF332	WASHER, locking	16	
62	114774	DRAIN PLUG, tapered	1	
	155660	DRAIN PLUG, magnetic	1	
63	BH607241	BOLT, main bearing cap	6	
64	GHF334	WASHER, locking	6	
65		MAIN BEARING CAP	3	(Main bearing cap is part of cylinder block assembly, not available separately).



iii.	Part Number	Description	Req.	Details
External Engine (Continued)				
66	118632	PLUG, oil gallery	1	
67	104863	SEALING BLOCK, front	1	] MkI, II & III up to (e) FD34006E
		(NLA use 151134 and associated hardware).		
	151134	SEALING BLOCK, front, alloy	1	] MkIII from (e) FD34007E, MkIV & 1500
	151134X	SEALING BLOCK, front, steel	1	
Note: The original alloy sealing block is renowned for the threads being stripped and failing over time. The steel version can be used to replace the original alloy and is stronger meaning it is much less prone to failing.				
68	036234	FILLER PIECE, wood (Included in conversion set).	2	
69	UKC8321	GASKET, front sealing block	2	
70	SE605061	SCREW, pan head	2	
71	GHF332	WASHER, locking	2	
72	GHF103	SCREW, hexagon head	2	
73	DP514	DOWEL	2	
74	100433	STUD	1	MkI-III
	TE605105	STUD	1	MkIV & 1500
75	AEA635	CORE PLUG, bucket, 1"	1	
	046172	CORE PLUG, dished 1"	1	
76	144688	CORE PLUG, bucket, 1.5"	1	
	046549	CORE PLUG, dished, 1.5"	1	
77	209610	ENGINE PLATE, front	1	MkI-II up to (e) FC61022
		(Can be replaced with 215372 and 215350 gasket).		
	215372	ENGINE PLATE, front	1	] MkII from (e) FC61023 & 1500
78	205457	GASKET, front engine plate	1	MkI-II up to (e) FC61022
	215350	GASKET, front engine plate	1	] MkII from (e) FC61023 & 1500
79	SH605061	SCREW	3	
80	GHF332	WASHER, locking	3	
81	105114	RETAINER, camshaft	1	
82	GHF332	WASHER, locking	2	
83	SH605071	SCREW, retainer securing	2	
84	100499	SEAL, timing cover	1	MkI-III
	UKC1110	SEAL, timing cover	1	MkIV & 1500
85	121831	DIPSTICK TUBE	1	
86	134933	DIPSTICK	1	
87	032307	WASHER, felt	1	
90	201311	TIMING COVER	1	MkI-III
	207492	TIMING COVER, single timing mark	1	MkIV & 1500
	217790	TIMING COVER, multiple timing mark	1	
91	211126	GASKET, timing cover	1	
92	SE605031	SCREW, pan head	5	
93	GHF332	WASHER, locking	5	
94	SH605071	SCREW, hex head	6	
95	GHF332	WASHER, locking	6	
96	GHF201	NUT	1	
97	GHF332	WASHER, locking	1	

ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------





ill. Part Number Description Req. Details

Duplex (twin row) Timing Chain Modification

Timing chain stretch or tensioner breakage are not unknown on the 'simplex' (single row) chain and gear installation. The timing gear set can easily be modified when chain or tensioner renewal becomes necessary, to a more robust 'duplex' design.

Duplex timing gear sets include a twin row chain, modified timing gears and wider spring tensioner.

57	TT1328	DUPLEX TIMING CHAIN KIT	1	MkI-III (1147-1300cc
				small bearings)
	TT1428	DUPLEX TIMING CHAIN KIT	1	MkIV-1500 (1300-1500cc
				large bearings)

Internal Engine (Continued)

The fitting method of duplex timing gears is as per the original installation. The factory workshop manual should be consulted where applicable to ensure the engine valve timing is correctly maintained.

These individual components listed below are supplied in the Duplex timing chain kit. Most of the components are actually sourced from the 1500 engine's very close (in component design & dimensions) bigger brother, the Triumph 'large car' model PE156 engine, as fitted in the Triumph TR5 Pi & TR6 Pi.

58	TT13281	TIMING GEAR, crankshaft, duplex	1	MkI-III
	145864	TIMING GEAR, crankshaft, duplex	1	MkIV-1500
59	145865	TIMING GEAR, camshaft, duplex	1	
60	2H4286	CHAIN, timing, duplex	1	
61	145866	TENSIONER, timing chain, duplex	1	
62	036411	LOCK TAB, camshaft	1	
63	PS103121	SPLIT PIN	2	
64	211126	GASKET, timing cover	1	
65	100499	SEAL, timing cover	1	MkI-III
	UKC1110	SEAL, timing cover	1	MkIV & 1500
66	033214	PIN, anchor, chain tensioner	1	
67	GHF301	WASHER	2	

Distributor & Oil Pump

Use pump GLP118 for more efficient oil pick up.

70	121530	DISTRIBUTOR PEDESTAL	1	
71	104939	WASHER, joint, 0.006"	a/r	
72	BH605161	BOLT	1	distributor to pedestal
73	GHF332	WASHER, locking	1	
74	GHF201	NUT	1	
75	GHF332	WASHER, locking	2	
76	GHF201	NUT	2	
77	104860	GEAR, driving	1	distributor & oil pump
78	500974	PIN, mills, gear to shaft	1	
79	104861	SHAFT	1	
80	GLP145	OIL PUMP, vertical pick-up	1	MkI-1500 up to (e)
				FM59898E
81	GLP118	OIL PUMP, angled pick-up	1	1500 from (e) FM59899E
				alternative
82	GHF331	WASHER, locking	3	
83	BH604221	BOLT, pump to block	3	
84	155371	NUT, strainer to pump body	1	
85	TKC2006	STRAINER, fits GLP145	1	
86		STRAINER, fits GLP118	1	not available separately

Distributor Drive & Pedestal Clearance

When fitted, a running clearance or end float of 0.003" to 0.007" (0.005" +/- 0.002") is required between the distributor drive spindle and gear and the distributor pedestal housing.

Too much end float and the drive will chatter between the bush in the block and the pedestal housing lower running face. Too little clearance and it may bind and damage its driving gear on the cam shaft. Either of these conditions will result in rapid and excessive wear.

The clearance is adjusted by varying the quantity of gaskets fitted between the base of the pedestal housing and the cylinder block. The gasket, (part number 104939), has a nominal thickness of 0.006". However, the gasket thickness should be checked for each application.

To check the clearance when components have been replaced, the following procedure should be followed.

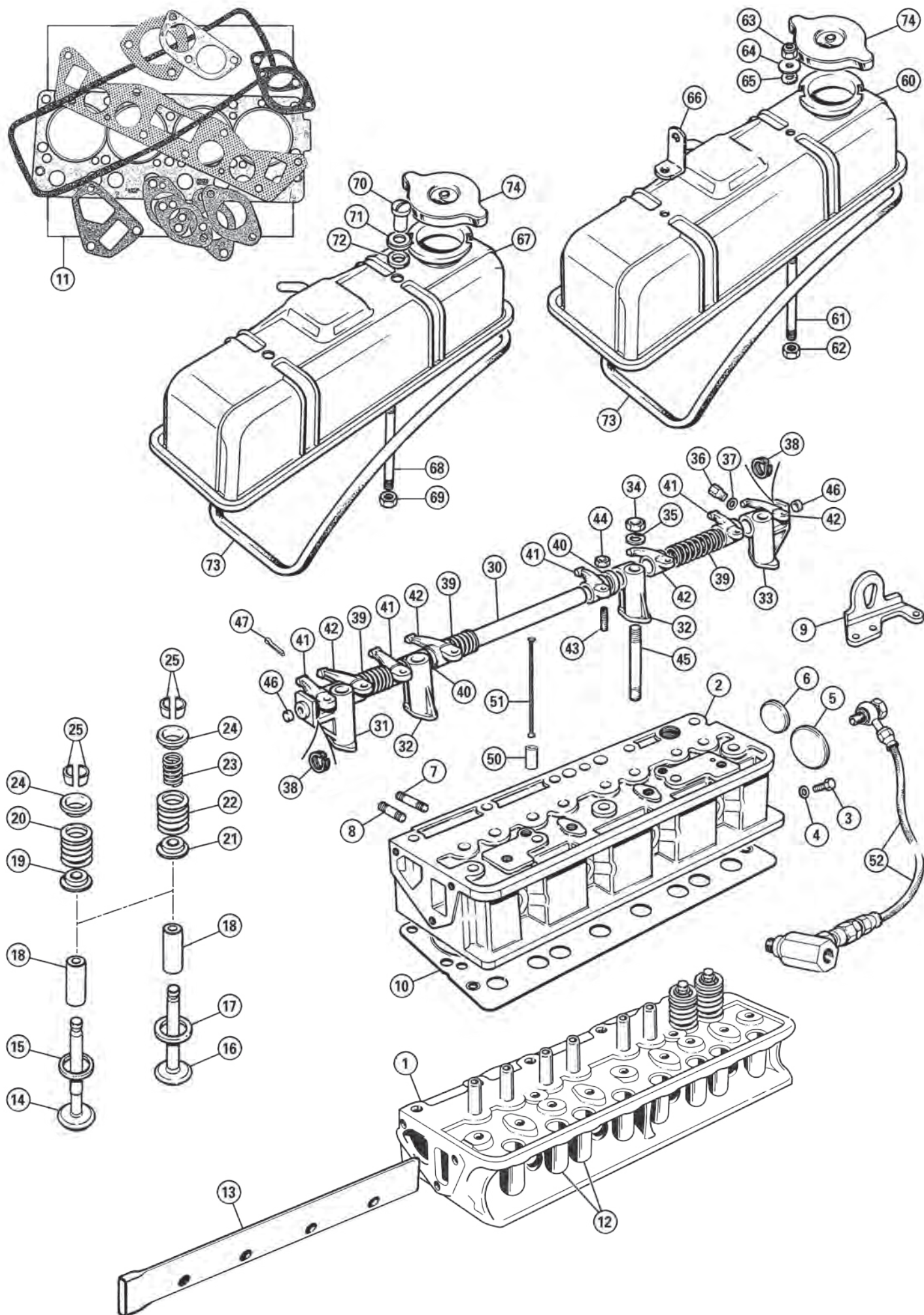
- 1) Install the drive in the cylinder block bush with a washer of known thickness on the shaft between the base of the gear and the bush end face. The washer should be of 1/2" internal diameter to fit the shaft.
- 2) Fit the pedestal housing over the drive without any gaskets, using nuts to retain it. Measure with feeler gauges all the way round the gap between the pedestal housing and the cylinder block. The measurement should be noted.
- 3) Disassemble the pedestal housing and extract the drive with the known thickness spacer washer from the cylinder block.
- 4) Calculate the existing clearance without gaskets by subtracting the dimension of thickness of the spacer washer from the figure obtained with feeler gauges. This figure should be a negative amount. Find the correct quantity of gaskets required to obtain the running clearance of 0.003" to 0.007".

ill. Part Number Description Req. Details

Example:

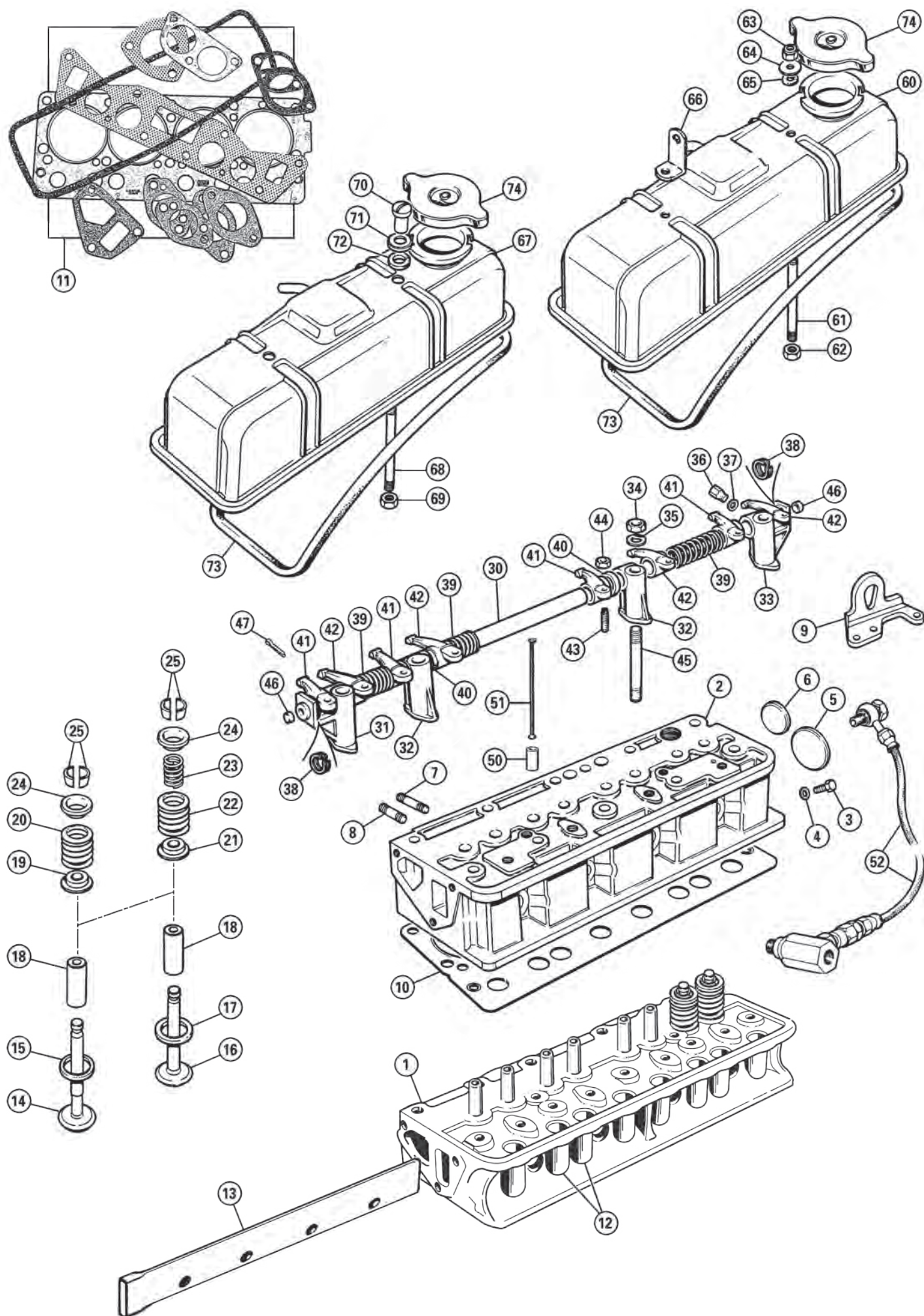
Washer thickness = 0.125"
Gap measured with feelers = 0.142"
Subtract gap dimension from washer thickness = -0.017"
Add the thickness of gaskets (4 @ 0.006") = 0.024"
Clearance obtained with 4 gaskets = 0.007"

In the event of the difference between the gap and the known washer thickness being a positive amount in excess of 0.003", remedial action will be required to reduce it. This can be achieved by selective assembly using other drives or pedestal housings. If, even with new components, the correct figure can not be obtained, the bush height in the cylinder block must be adjusted. Remove, inspect for serviceable condition and refit the bush with a suitable thickness shim between its mating face and the cylinder block. The bush should be either carefully driven out from below using a suitable spigoted drift, or pulled out from above with a bushing extractor. With the bush replaced securely, the above end float checking procedure should be adopted. The method of completing this job by fitting the distributor drive and setting its timing is detailed in the workshop manual.



ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
Cylinder Head									
Note: All old units must be suitable for re-conditioning.									
1	511578R	CYLINDER HEAD, high comp., recon/exch	1	1147cc to (e) FC60350E		144975	ROCKER PEDESTAL, rear	1	MkIII-IV & 1500
	511433R	CYLINDER HEAD, high comp., recon/exch	1	1147cc from (e) FC60351E	34	110748	NUT, rocker shaft	4	
	511579R	CYLINDER HEAD, low comp., recon/exch	1	1147cc to (e) FC76166E	35	GHF302	WASHER, plain	4	
	511434R	CYLINDER HEAD, low comp., recon/exch	1	1147 from (e) FC76167E	36	104859	SCREW, rocker shaft to pedestal	1	
2	516032R	CYLINDER HEAD, recon/exch	1	1300cc to (e) FH25000E	37	500995	WASHER, shakeproof	1	MkI-II only
	UKC1427R	CYLINDER HEAD, recon/exch	1	1300cc from (e) FH25001E	38	2A18	SPRING	2	for pedestals 1 and 4
	TKC1155	CYLINDER HEAD, bare/new	1	1500cc	39	105120	SPRING, spacing rockers	3	
	TKC1155LFE	CYLINDER HEAD, recon/exch	1	1500cc, lead free	40	146914	WASHER, spacer	2	
		(With valves, guides & springs).			41	109024Z	ROCKER, nos. 1, 3, 5, 7	4	
3	SH605031	SCREW, rear of cylinder head	1			109024X	ROCKER, nos. 1, 3, 5, 7	4	bushed
4	500469	WASHER, copper, 5/16"	1		42	109023Z	ROCKER, nos. 2, 4, 6, 8	4	
5	027378	CORE PLUG, 1.75"	1	dish		109023X	ROCKER, nos. 2, 4, 6, 8	4	bushed
	AEH592	CORE PLUG, 1.625"	1	bucket	43	057109	BALL PIN, rocker arm adjustment	8	MkI-IV to (e) FH25000E
6	56712	CORE PLUG, 1.25"	1	to (e) FC60350E		109495	BALL PIN, rocker arm adjustment	8	MkIV from (e) FH25001E & 1500
	144686	CORE PLUG, 1.25"	1	from (e) FC60351E	44	51K1178	NUT, jam, locking ball pin	8	
7	105125	STUD, manifolds, long	6		45	132495	STUD, rocker shaft to head	2/4	2 req. for MkI-II, 4 req. for MkIII-1500
8	105124	STUD, manifolds, short	2		46	104838	PLUG, rocker shaft end	2	MkI-II
9	142649	LIFTING EYE	1			137811	PLUG, rocker shaft end	2	for rocker shaft 144962
	UKC3653	LIFTING EYE	1	late 1500, alternative	47	500975	MILLS PIN, securing collar	2	MkI-II, use with 104838
10	AJM314	GASKET, cylinder head	1	1147cc		PC10	SPLIT PIN, front of rocker shaft	1	
	GUG2540HG	GASKET, cylinder head	1	1300cc to (e) FH25000E	50	144343	CAM FOLLOWER, tappet, standard	8	MkI-II to (e) FC61022
	GUG2546HG	GASKET, cylinder head, recessed	1	1300cc from (e) FH25001E, 1500cc		143552	CAM FOLLOWER, tappet, standard	8	MkII from (e) FC61023, MkIII-MkIV & 1500
11	GEG183	GASKET SET, cylinder head	1	MkI-II	TT1209		CAM FOLLOWER, tappet, uprated	8	lightened
	AJM1182	GASKET SET, cylinder head	1	MkIII	51	111874	PUSH ROD, short	8	MkI-IV to (e) FH25000E
	AJM1149	GASKET SET, cylinder head	1	MkIV to (e) FH25000E		157508	PUSH ROD, long	8	MkIV from (e) FH25001E & 1500
	AJM1209	GASKET SET, cylinder head	1	MkIV from (e) FH25001E	52	TT1226	ROCKER OIL FEED KIT	1	
	AJM1195	GASKET SET, cylinder head	1	1500 from (e) FM28001E			(This bolt-on, easy-to-fit kit improves the oil supply to the most distant parts of the engine, so insuring against rocker & shaft wear).		
Note: The correct head gasket required is determined by the cylinder block, which can be identified by the inclusion or absence of counter bore recesses cut into its top face around each cylinder bore. Pre engine number FH25000 are without these counter bores. Engine numbers FH25001 onwards for 1300cc and FM28001 onwards for 1500cc will have the counter bore recesses. Failure to use the correct gasket for the block type will result in the gasket not sealing.					60	134654	ROCKER COVER	1	MkI
12	104826	TUBE, sealing, push rod	8	MkI-II		210862	ROCKER COVER	1	MkII-III, not US from (e) FE75001E
13	131530	TUBE ASSEMBLY, water delivery	1	MkI-II to (e) FC60350E (HC) & (e) FC76166E (LC)		216755	ROCKER COVER	1	MkII US anti smog from (e) FE75001E
14	131179	EXHAUST VALVE	4	MkI-II		214814	ROCKER COVER	1	MkIV to (e) FM80000E
	144965	EXHAUST VALVE	4	MkIII-1500	61	105123	STUD, rocker cover	2	
	153886	EXHAUST VALVE	4	US MkIII from (e) FE8155E	62	GHF201	NUT, locking stud	2	
	TT1315	EXHAUST VALVE, stellite tipped*	4	alternative	63	GHF272	NUT, nyloc, rocker cover	2	MkI-IV to (e) FM80000E
15	UKC2644	VALVE SEAT INSERT, exhaust*	4		64	GHF301	WASHER, plain	2	
*Note: These are designed for running with lead free fuel. These inserts may be used in repairing minor cracks in valve seats provided the crack is no deeper than the seat (0.25").					65	WF508	WASHER, fibre	2	
16	134464	INLET VALVE	4	MkI-II	66	149348	BRACKET, accelerator cable	1	1300 to (e) FH25000E
	126893	INLET VALVE, 1 1/4"	4	MkIII-IV to (e) FH25000E	67	TKC3702	ROCKER COVER	1	
	145328	INLET VALVE, 1 7/16"	4	MkIV from (e) FH25001E	68	ULC1578	STUD, rocker cover	2	
	UKC2460	INLET VALVE, 1 3/8"	4	1500	69	GHF201	NUT, locking stud	2	1500 from (e) FH80001E
17	130814	VALVE SEAT INSERT, inlet	4	use with 126893	70	147737	RETAINER, rocker cover	2	
	146488	VALVE SEAT INSERT, inlet	4	use with 145328	71	147738	WASHER, cup	2	
	UKC2645	VALVE SEAT INSERT, inlet	4	use with UKC2460	72	148090	WASHER, rubber	2	
Note: 134464 was fitted from MkI-II and then 126893 was fitted to MkIII engine numbers FH25000 in 1972. From 1972 engine number FH25001, 145328 was fitted until the 1500 emerged, when a change was made to UKC2460. That's the story, but in case the truth in your engine may be otherwise, it would be wise to check the valve head size.					73	GUG5036VC	GASKET, rocker cover	1	
18	058923	VALVE GUIDE, standard	8	supplied individually		694-101	GASKET, rocker cover, silicone	1	standard rocker
	TT1419	VALVE GUIDE SET, bronze, 8 pieces	1	supplied in engine set		694-102	GASKET, rocker cover, silicone	1	aluminium rocker
19	105118	COLLAR, valve spring, lower	8	1147-1300cc	74	113569	CAP, oil filler	1	MkI
20	136487	VALVE SPRING, single	8	to (e) FH25000E		138176	CAP, oil filler	1	MkII & MkIII anti smog US from (e) FE75001E
21	157510	COLLAR, valve spring, lower	8	1300cc from (e) FH25001E		143393	CAP, oil filler	1	US & Canada MkII from FC70013E, all MkIII on except US from (e) FE75001E
22	157229	VALVE SPRING, twin, outer	8	& 1500cc		GRC126	CAP, oil filler	1	MkIV-1500
23	157476	VALVE SPRING, twin, inner	8						
	VS536	VALVE SPRING SET	1						
24	111870	VALVE CAP, original	8	standard					
	TT1216	VALVE CAP, lightweight	8	alloy					
Note: TT1216 is a Moss replacement part & machined from aluminium. It is recommended that caps are replaced in sets.									
25	106663	COTTER, valve, split cone type	16	each					
30	104829	ROCKER SHAFT	1	MkI-II					
	144962Z	ROCKER SHAFT	1						
	144962K	ROCKER SHAFT ASSEMBLY	1	MkIII-1500					
	144962XK	ROCKER SHAFT & ROCKERS	1						
31	128424	ROCKER PEDESTAL, front	1	MkI-II					
	144973	ROCKER PEDESTAL, front	1	MkIII-IV & 1500					
32	128424	ROCKER PEDESTAL, intermediate	2	MkI-II					
	144974	ROCKER PEDESTAL, intermediate	2	MkIII-IV & 1500					
33	128425	ROCKER PEDESTAL, rear	1	MkI-II					

Note: MkIII oil filler caps closed circuit breather systems - The original 2 piece oil filler cap (part no. 143393) which prevented a vacuum by allowing air into the engine is no longer available. GZC1400 can be used as an alternative by removing the rubber seal from the cap or alternatively retain the seal (to stop the cap from rattling) and drill a 1/16" hole in the cap (avoiding the riveted centre plate).



Curing Oil Consumption: (Plus easy Valve Spring Removal)

Excessive rocker shaft wear is a classic complaint about Triumph push rod engines. The rocker feed kit is an effective (and easy to fit) solution to the problem. It works by piping oil directly from a plug hole in the cylinder block main oil gallery up to the cylinder head, thereby maintaining a higher pressure oil supply than standard. No drilling or tapping is required for installation.

If a rocker feed kit is fitted to the engine, an increase in oil consumption may be encountered. The extra amount of lubricating oil flowing through the valve & rocker chamber, as supplied by the feed kit, exaggerates any tendency for oil to be sucked down worn valve guides past worn valve stems.

The best solution is to fit new valves & guides, but this is not always on the top of the repair priority list. To assist in the reduction of oil being sucked down the guides a method of sealing the valve stems is required. The simple rubber rings that are used so successfully on some MG sports cars engines - part number AEK113 (8 are required, one per valve stem), will service an engine. Each seal fits on the valve stem above the valve guide but below the valve spring retaining cap.

Now the clever bit... how to fit them without removing the cylinder head from the car. Remove the rocker cover, rocker gear and the spark plugs. Cover the holes that the push rods come up through so nothing can be dropped down into the engine. Turn the crankshaft so that number one piston is at Bottom Dead Centre (BDC). Feed a length of clean, pliable rope down the spark plug hole of number one cylinder, leaving a bit hanging out so you can retrieve it. Now carefully turn the crankshaft clockwise by hand; resistance will be felt as the rising piston in number one cylinder compresses the rope against the two valves in that cylinder, holding them against their seats.

The collets and spring caps of the valves in that cylinder can now be removed without the fear of losing the valves down the bore. The valve stem oil seals can be fitted to the two valve stems (perhaps new valve springs as well, while everything is apart). Once the valve stem oil seals, valve spring caps and collets have been refitted to this first pair of valves satisfactorily, simply turn the crank anti-clockwise to BDC, withdraw the rope and repeat the process on the remaining three cylinders and three pairs of valves. Be honest, this tip saves the cost of a head gasket set!

To be sure that the rope has compressed sufficiently against the faces of the valves, attempt to push the valves by hand (as if being acted on by the rockers) before removing the spring caps or collets; this is the fail safe check. This method can be adopted anywhere as it does not require the use of compressed air, special tools or luck.

1500cc Triumph 'PE94' Engine Colour Schemes

The 1500 engine was always black. The only component of the engine which differed from this rule was the rocker cover, which for anything other than North American markets was always silver (in America, a red rocker cover signified a car built to comply with Californian emissions regulations, whereas light blue indicated compliance with the marginally less severe general or 'Federal' regulations. Ancillary items on the 1500 engine remained in the colour scheme or finish given to them by their respective manufacturers.

Oil leakage from the Rocker Cover

Do you suffer with a permanent puddle of oil in the recess around the mounting flange of your rocker cover? If so, it is either because you have spilt oil when topping up the engine, or the oil fairy has been around. This malevolent character is the one that always drips oil onto an area that you have scrupulously cleaned previously. The truth is that the oil is leaking from an unseen joint on your engine (unless you do believe in bad fairies).

The items that create the oil puddle on the rocker cover are the oil filler cap and the sealing washers under the fasteners holding the rocker cover. A quick look at the rocker cover oil filler cap's seal will eliminate one possible cause. If it is in any way perished, torn or otherwise damaged, renew the cap and seal assembly (part no. GZC1400 for the chrome cap, or 138176 for the silver painted item). The seal is important on two counts: it should not leak oil, nor should any air be drawn into the engine past it. This is because the inlet manifold is connected directly to the engine breather on the rocker cover.

The nuts or screws that retain the rocker cover are not quite so easy to attend to, unless of course they are obviously loose or there are no sealing washers present. Over tightening the fasteners will end up distorting the top of the rocker cover rather than curing the leak. The area of rocker cover around the holes where the attachment studs pass should be inspected.

This area should be flat, so that a sealing washer can work effectively on it. If it is not flat, the rocker cover should be removed from the engine, and the area around the stud hole dressed flat with a hammer & block. (A suitable block or dolly to assist in the repair of an original, pressed steel rocker cover would be a length of flat ended one inch round bar held vertically in a vice.) The rocker cover can be placed over the bar with the stud hole concentric to the bar and dressed back to shape with a smooth faced hammer. If care is exercised when hammering, the painted finish of the rocker cover will not be damaged.

The latter repair scheme is only relevant to, as previously stated, original pressed steel rocker covers. If a replacement alloy rocker cover is distorted in this area by over tightening, the cover should be inspected for cracks and if none are present the sealing area could be re-machined. If not, a replacement should be sought.

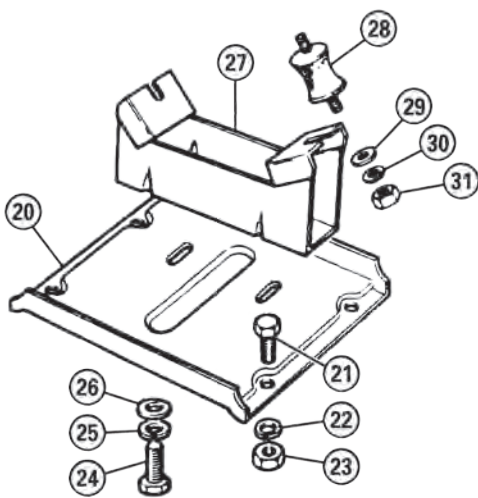
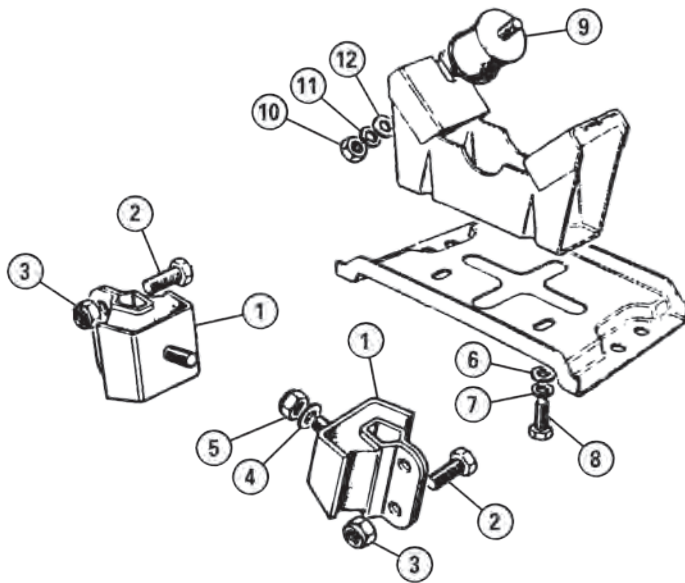
Kangaroo Petrol - or Worse?

A worried Scandinavian owner rang his UK based parts specialist one day with the complaint that he could not drive his car slowly over the bumpy woodland roads typical of his country without it behaving 'like it was a kangaroo'. He had done everything to his car including fitting stronger front road springs and harder dampers in a vain attempt to relieve the problem. It was eventually solved by the use of a pair of new carburettor throttle return springs to replace very tired old ones. Every time he had driven over a bump, his foot had pushed down on a very light throttle pedal.

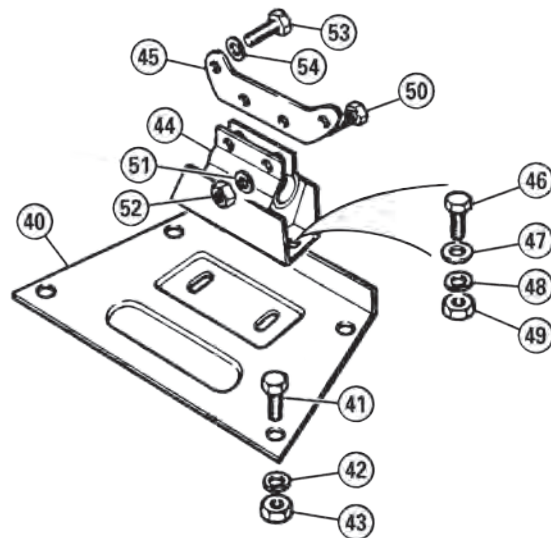
He reacted by lifting his foot, the car slowed down and he instinctively pressed the accelerator down, whereupon the whole disconcerting process began again.

Increasing the pedal pressure of the accelerator by fitting new return springs was just enough, as the car's designers had intended, to damp out the see-saw effect and resolve the owner's 'kangaroo petrol' problem.

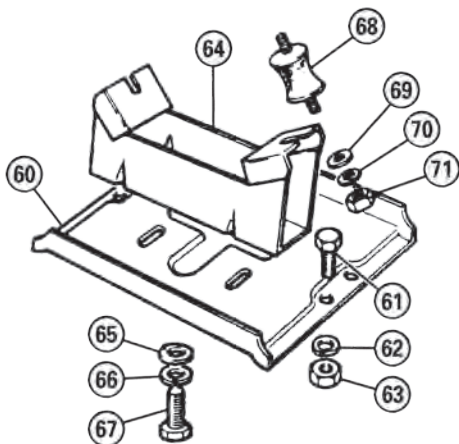
Incidentally, tired engine mountings which allow the engine to rock sideways excessively under acceleration or braking will cause the throttle cable to tighten or slacken off, resulting in similar staccato progress down the road (although not so marked as that caused by a 'soft pedal').



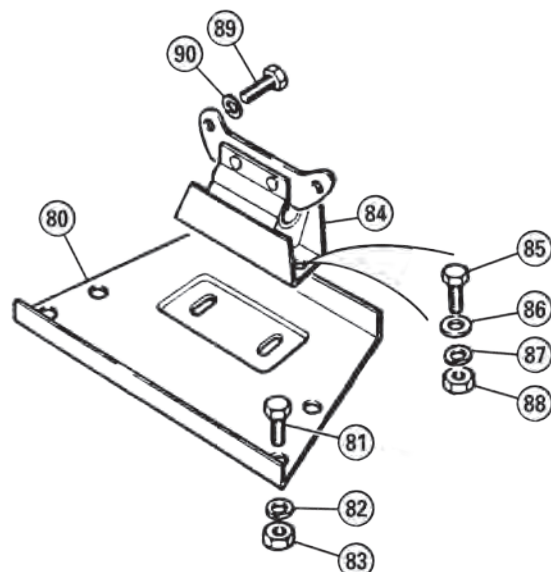
3 Rail - Non-Overdrive



3 Rail - 'D' Type Overdrive



1500 Single Rail - Non-Overdrive



3 Rail & 1500 Single Rail - 'J' Type Overdrive

ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------

Engine Mountings

The following procedure is suggested when removing the engine:

On the side of the engine bay with the steering column in it, undo the mounting from the engine (leaving the mounting and bracket on the car body). On the other side, undo the bracket from the body, (leaving the mounting and bracket on the engine). The result will be:

- A) You only undo the bits you can see and get at (have a look and you will understand).
- B) Upon re-assembly, you don't tear the thread off the studs on the mountings as you try to jam the engine down into the 'V' cradle formed by the brackets.

1	UKC5334	MOUNTING, engine, front	2	
2	SH606091	SCREW	4	
3	GHF223	NUT, nyloc	4	
4	GHF302	WASHER, plain	2	
5	GHF223	NUT, nyloc	2	
6	GHF301	WASHER, plain	2	
7	GHF332	WASHER, locking	2	
8	SH605051	SCREW	2	
9	22G2205	MOUNTING, gearbox	2	non-overdrive
10	GHF201	NUT	2	
11	GHF332	WASHER, locking	2	
12	GHF301	WASHER, plain	2	

Gearbox Mountings

3 Rail - Non-Overdrive

20	209782	PLATFORM, rear engine mounting	1	Mkl-II
	209018	PLATFORM, rear engine mounting	1	MkIII-IV to (c) FH60000
	TKC484	PLATFORM, rear engine mounting	1	MkIV from (c) FH60001
21	SH605051	SCREW, platform to chassis	4	
22	GHF332	WASHER, locking	4	
23	GHF201	NUT	4	
24	SH605051	SCREW, bracket to platform	2	
25	GHF332	WASHER, locking	2	
26	GHF201	NUT	2	
27	136890	BRACKET, gearbox mounting	1	to (c) FH60000
	UKC3215	BRACKET, gearbox mounting	1	from (c) FH60001
28	22G2205	MOUNTING, gearbox	2	
29	GHF301	WASHER, plain	2	
30	GHF332	WASHER, locking	2	
31	GHF201	NUT	2	

3 Rail - 'D' Type Overdrive

40	148897	PLATFORM, rear engine mounting	1	
41	SH605051	SCREW, platform to chassis	4	
42	GHF332	WASHER, locking	4	
43	GHF201	NUT	4	
44	159656Z	BRACKET & MOUNTING	1	
45	159656Z	BRACKET, mounting to overdrive*	1	

*Note: Bracket (item 45) forms part of 159656Z (item 44) but is illustrated separately to assist in identification, perhaps when the vehicle arrived dismantled or when an overdrive conversion is taking place. Some packing may be required to achieve correct alignment of the transmission.

46	SH605061	SCREW, bracket to platform	2	
47	GHF301	WASHER, plain	2	
48	GHF332	WASHER, locking	2	
49	GHF201	NUT	2	
50	SH605051	SCREW	2	
51	GHF332	WASHER, locking	2	
52	GHF201	NUT	2	
53	SH605071	SCREW, bracket to o/drive casing	2	
54	GHF331	WASHER, locking	2	

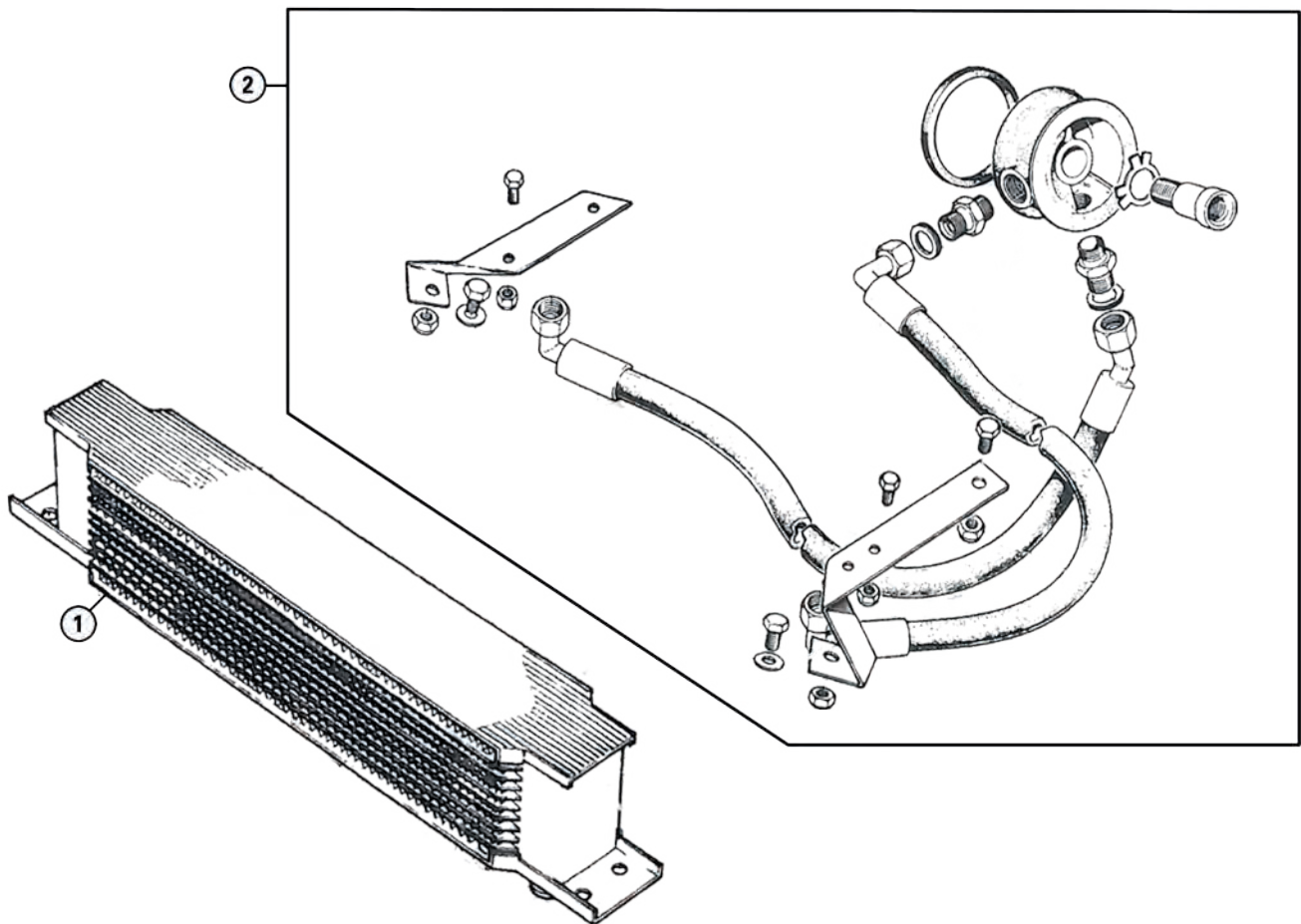
1500 Single Rail - Non-Overdrive

60	TKC484	PLATFORM, rear engine mounting	1	
61	SH605051	SCREW, platform to chassis	4	
62	GHF332	WASHER, locking	4	
63	GHF201	NUT	4	
64	UKC3215	BRACKET, gearbox mounting	1	
65	GHF301	WASHER, plain	2	
66	GHF332	WASHER, locking	2	
67	SH605051	SCREW, bracket to platform	2	
68	22G2205	MOUNTING	2	
69	GHF301	WASHER, plain	2	
70	GHF332	WASHER, locking	2	
71	GHF201	NUT	2	

ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------

3 Rail & 1500 Single Rail - 'J' Type Overdrive

80	TKC1407	PLATFORM, rear engine mounting	1	
81	SH605051	SCREW, platform to chassis	4	
82	GHF332	WASHER, locking	4	
83	GHF201	NUT	4	
84	159656Z	BRACKET & MOUNTING	1	
85	SH605061	SCREW, mounting to platform	2	
86	GHF301	WASHER, plain	2	
87	GHF332	WASHER, locking	2	
88	GHF201	NUT	2	
89	SH506071	SCREW, mounting to overdrive	2	
90	GHF333	WASHER, locking	2	



ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------	------	-------------	-------------	------	---------

Points to Remember about Oil Coolers

If an oil cooler has just been fitted to a car, check the oil level in the sump and top up as necessary. The oil cooler circuit increases the oil capacity of the engine by well over a pint. However, in future when draining the engine to change the oil, note that the old oil will remain in the cooler circuit unless both the radiator and hoses are removed from the car to upturn and empty them. Thus the quantity of oil required to effect an oil change on a car with an oil cooler will still be the same as that for a car without one.

To prevent over cooling of the oil in cold weather, tin foil can be used to temporarily cover the oil radiator, in the same age old manner that it has always been used by people to cover the water radiator. If an oil thermostat is fitted to the car, there is of course no need to do this. Remember when undoing a hose from the radiator to use two spanners; one to undo the tube nut on the hose, the other to put on the hexagon of the radiator union to stop it turning with the nut. It's surprising how easily a union can be twisted out of the radiator, rendering the item scrap.

A hot engine will suffer, depending on its mechanical condition, a greater or lesser degree of oil pressure loss without the aid of an oil cooler. This is most apparent in heavy traffic congestion or on long motorway journeys. A correctly positioned oil cooler maintains lower oil temperatures and thus higher oil viscosity, resulting in higher pressure. This all amounts to longer engine life and freedom from being transfixed by the needle of your oil pressure gauge. As none of the original Triumph components are available we offer a comprehensive range of alternatives.

Note: Please see page A14 in the Accessories section for oil coolers & fittings (including non-drain filters). (Illustrated is a ten row oil cooler plus a TT1365 installation kit).

Oil Cooler Radiators

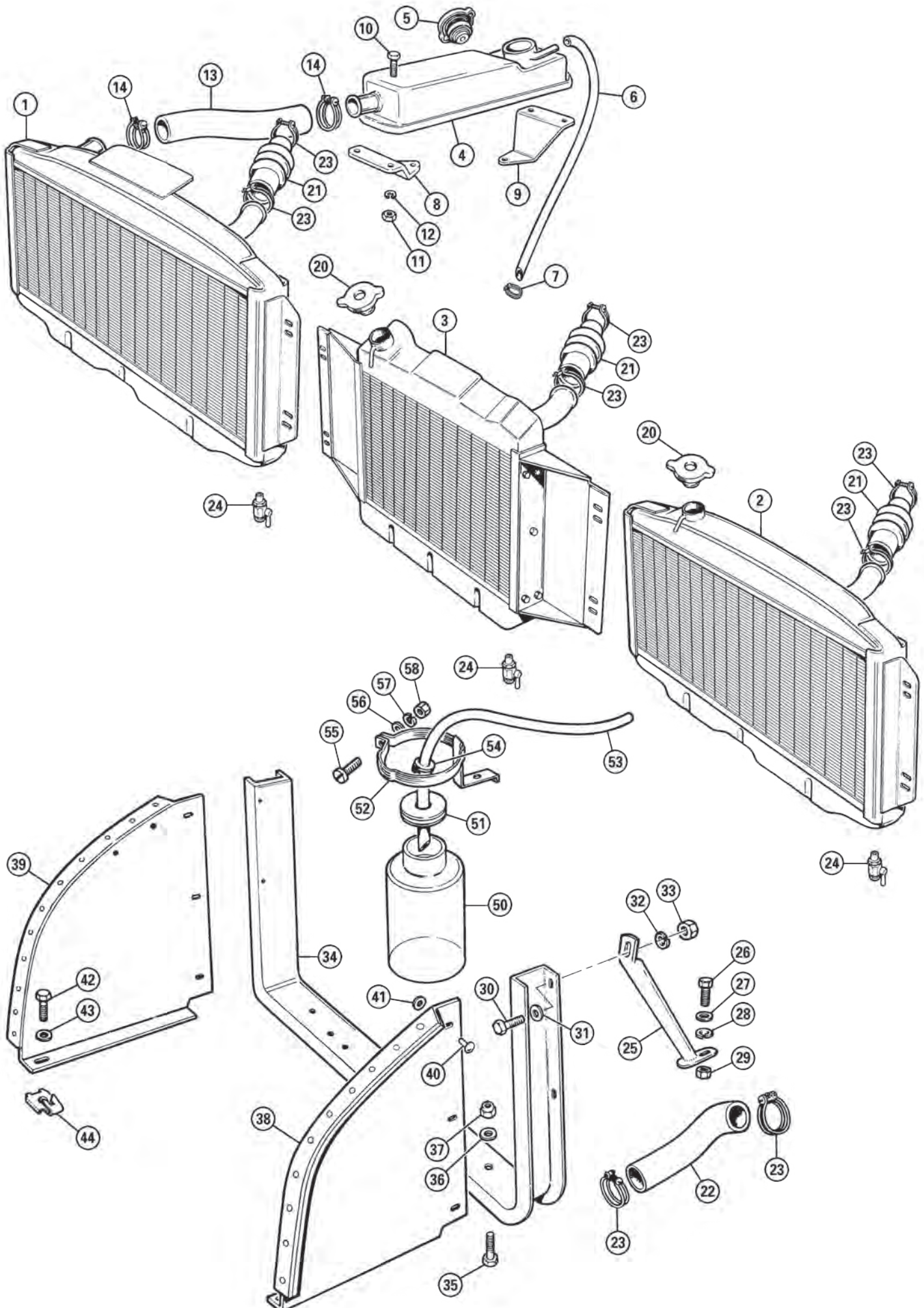
Oil coolers are available in 4 sizes; 10 row for tight spaces, 13 row for most road/ fast road applications, 16 & 19 row for competition or other heavy duty applications where the engine is driven aggressively for long periods of time.

1	ARO9807	OIL COOLER, 10 row	1	standard
	ARO9809	OIL COOLER, 13 row	1	standard
	ARA221	OIL COOLER, 13 row	1	standard
	ARA221X	OIL COOLER, 13 row	1	uprated
	ARO9875	OIL COOLER, 16 row	1	standard
	ARO9888	OIL COOLER, 19 row	1	standard

Oil Cooler Installation Kits

All oil cooler installation kits include fittings, hardware, pipework, sandwich plate and mounting brackets. Hoses come in either rubber, or braided stainless steel.

2	TT1365	INSTALLATION KIT, non thermostatic	1	rubber hoses
	TT1367	INSTALLATION KIT, non thermostatic	1	stainless steel hoses
	TT1369	INSTALLATION KIT, thermostatic	1	rubber hoses
	TT1369S	INSTALLATION KIT, thermostatic	1	stainless steel hoses



ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------

Radiator & Hoses

1	305897	RADIATOR, 22" wide	1	Mkl to (e) FC39925
2	402306	RADIATOR, 22" wide, 7lb cap	1	Mkl from (e) FC39926, MkII
3	402619	RADIATOR, 16" wide, 7lb cap	1	MkIII to (e) FD48652
	402823	RADIATOR, 16" wide, 13lb cap	1	MkIII from (e) FD48653, MkIV & 1500

Note: There are 2 types of radiator available that are uprated full width radiators, part no. RKC2117 which requires cap GRC180 and 835-101 which includes a cap, both give improved cooling and utilises original hoses and mountings. Suitable for all Spitfires except early MkI's with the separate expansion tank and late US spec 1500's with factory electric cooling fan.

2	RKC2117	RADIATOR, uprated, 22" wide, 13lb cap	1	Replaces all Mkl from (e) FC39926, MkII-IV & 1500 aluminium
	835-101	RADIATOR, uprated, 22" wide, 13lb cap	1	

Mkl Radiator - to (e) FC39925 only

4	136402	HEADER TANK, radiator	1	
5	GRC112	CAP, header tank, 7lb	1	
	GRC112SS	CAP, header tank, 7lb, s/steel	1	
6	106102	PIPE, overflow	1	
7	CP110125	CLIP, overflow pipe to clutch housing bolt	1	
8	134548	BRACKET, front	1	header tank
9	134549	BRACKET, rear	1	support
10	SH604041	SCREW, set	4	header tank to
11	GHF200	NUT	4	support brackets
12	GHF331	WASHER, spring	4	
13	134696	HOSE	1	header tank
14	CS4020	CLIP, hose	2	to radiator

All Radiators

20	GRC112	CAP, radiator, 7lb	1	Mkl from (e) FC39926
	GRC112SS	CAP, radiator, 7lb. s/steel	1	to MkIII (e) FD48652, original radiator only
	GRC180	CAP, radiator, 13lb	1	MkIII from (e) FD48653,
	GRC180SS	CAP, radiator, 13lb, s/steel	1	MkIV & 1500 use with RKC211721
	GRH533	HOSE, top	1	
22	GRH265	HOSE, bottom	1	Mkl-MkIV
	GRH265X	HOSE, bottom, silicone	1	
	GRH532	HOSE, bottom	1	1500
23	CS4025	CLIP, wire type	4	
	GHC11040	CLIP, band type, stainless steel	4	
24	132565	TAP, radiator drain	1	
25	209750SS	STAY ROD, RH	1	radiator
	209749SS	STAY ROD, LH	1	to chassis
26	GHF105	SCREW	2	
27	GHF333	WASHER, locking	2	stay rod
28	WM59	WASHER, plain	2	to body
29	GHF202	NUT, stay rod to body	2	
30	GHF117	SCREW	4	cradle
31	GHF300	WASHER, plain, cradle	4	& stay rod
32	GHF331	WASHER, locking	4	to radiator
33	GHF200	NUT	4	
34	TKC1761	CRADLE, radiator supporting	1	
35	SH605071	SCREW, cradle to chassis	2	
		(Also holds the bracket for the overflow bottle to the chassis).		
36	WP17	WASHER, plain	2	
37	GHF222	NUT, nyloc	2	
38	706843	DEFLECTOR BOARD, LH*	1	
39	706844	DEFLECTOR BOARD, RH*	1	

Note: These ducts were originally attached with rivets backed up with a plain washer. We list this original fixing system & also a nut, screw & washer system.

40	562403	RIVET, deflector board to cradle	6	
41	WM54	WASHER, plain, on rivet	6	
	PT505	SCREW	6	alternative
	PWZ203	WASHER, plain	6	attachment
	GHF220	NUT, nyloc	6	method
42	GHF117	SCREW	4	
43	GHF300	WASHER, plain	4	air deflector
44	518454X	CAGED NUT	4	to chassis
50	137632	BOTTLE, overflow	1	
51	137743	CAP, overflow bottle	1	
52	142804	BRACKET, overflow bottle	1	
53	137742	TUBING, overflow	1	radiator to bottle
	GRH1001M	TUBING, overflow	a/r	per metre
54	12H1060	GROMMET, tubing through lid	1	
55	PT507	SCREW, bottle bracket	1	
56	PWZ203	WASHER, plain	1	
57	WL700101	WASHER, locking	1	

ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------

58 HN2005 NUT 1

Anti Freeze: Winter Protection and Summer Coolant

Today's anti freezes are of a high quality chemical mix and no longer deteriorate within 6 months and ruin the cooling system of the engine. However, anti freeze should always be used as recommended by the manufacturer and any instructions given should be adhered to.

The hidden benefit of using anti freeze throughout the year is that not only does it protect the cooling system from freezing in cold weather, as the name suggests, but it also increases the boiling point of the water; this is ideal for the hotter conditions of summer driving. Most high grade anti freeze solutions also contain an inhibitor that will reduce or eliminate cooling system corrosion. That will stop, for example, thermostat housings and other alloy components from disintegrating.

Why is a Pressure Cap Used On a Radiator?

By sealing the cooling system, pressure up to a certain given value is built up and the boiling point of the water is raised. This enables a smaller quantity of water to be used and rather higher (and therefore more efficient) engine temperatures, without the risk of the water boiling. The system is sealed by the radiator cap. The cap consists of two halves, namely a pressure valve and vacuum valve. The pressure valve is a spring which holds the cap's large seal against the inside surface of the filler neck. It will allow pressure to build up to a given value (usually stamped into the top of the cap) and be maintained in the sealed system. The vacuum valve is a small 'poppet valve' that, as the radiator water cools & contracts admits air and restores pressure to atmospheric.

Throughout its life, the engine passes through countless temperature cycles that will cause pressure increases and decreases in the cooling system. The radiator cap is therefore working constantly. So when you are seeking solutions to overheating problems... you might just have a worn out radiator cap, not a blown head gasket and cracked block, as friends cheerfully suggested.

Cooling System 'Leak Stoppers'

The use of proprietary leak stoppers (whether of the fluid type or the stick of material which is designed to be crumbled, stock cube fashion, into the radiator) is often the focus of derision from the motoring enthusiast fraternity.

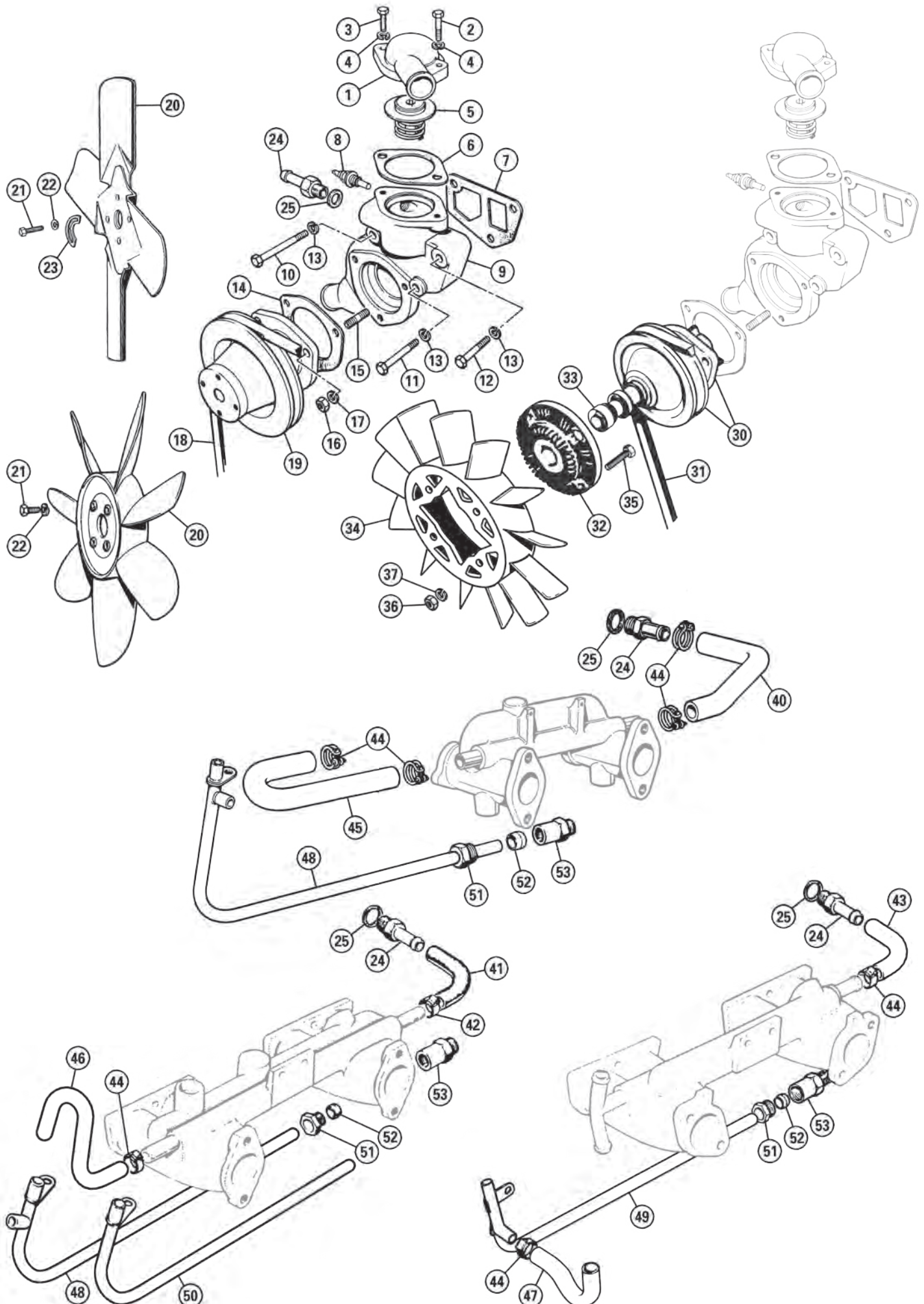
Blocked radiator cores and other maladies are said to result from using leak stopper to 'bodge' a repair on an errant cooling system. Well, read on.

There is a Leyland Cars publication, for internal use, called 'Parts List Schedules or Modifications - ADO47 MG 1500'. In the section entitled 'Fuel, Oils & Grease' (you just wouldn't believe the variety of lubricants applied to each car when it was built) is the following statement;

"Bars Seal Leak Stopper (insert cylinder of Bars Seal in top radiator hose).

Routes: All. Modification Date: 27/05/76."

In other words, from that date onwards, every car that came down the line had a stick of leak stopper in it! Presumably this was to guarantee against small weeps from a newly assembled system. Continual use of the product to shore up an ailing cooling system might impede water flow (although in theory this shouldn't take place, since leak stopper will only cure in air - i.e. when it finds a leak out of the sealed system), but the product is acceptable when used in moderation.



ill.	Part Number	Description	Req.	Details
Water Pump, Fan & Hoses				
1	134682	HOUSING, thermostat	1	Mkl-II to (e) FC68072E
	134681	HOUSING, thermostat	1	Mkll from (e) FC68073E
	156333	HOUSING, thermostat	1	Mkl-1500
2	BH605101	BOLT, elbow to housing	1	
3	GHF103	SCREW, elbow to housing	1	
4	GHF332	WASHER, locking	2	
5	GTS102	THERMOSTAT, hot climate	1	74°C, 165°F
	GTS104	THERMOSTAT, standard	1	82°C, 180°F
	GTS106	THERMOSTAT, cold climate	1	88°C, 195°F
6	115467	GASKET, thermostat housing, cork	1	standard material
	115467X	GASKET, thermostat housing, Klingsil	1	uprated material
7	138702	GASKET, thermostat housing to cyl head	1	
8	GTR108	TEMPERATURE TRANSMITTER	1	
9	300915	HOUSING, water pump	1	Mkl
	144297	HOUSING, water pump	1	Mkl-1500
	144297X	HOUSING, water pump, alloy	1	alternative
10	BH605221	BOLT, 2 3/4" long	1	housing to
11	BH605191	BOLT, 2 3/8" long	1	cylinder head
12	BH605181	BOLT, 2 1/4" long	1	
13	GHF332	WASHER, locking	3	
14	138701	GASKET, pump to housing	1	
15	100433	STUD, pump to housing	3	alternatives
	TE605105	STUD, pump to housing	3	
16	GHF201	NUT	3	
17	GHF332	WASHER, locking	3	
18	GCB11038	FAN BELT	1	Mkl-III to (e) FD11147E
	GCB11025	FAN BELT	1	Mklll from (e) FD11148E
	GCB11088	FAN BELT	1	MklV-1500
19	GWP200	WATER PUMP, with pulley	1	Mkl-III
	GWP128	WATER PUMP, with pulley	1	MklV-1500 to (e) FH105733
20	211985	FAN, cooling, 2 blade	1	Mkl-II
	147972	FAN, cooling, 4 blade	1	Mkl-II export models & Mklll except Germany
	212721	FAN, cooling, 6 blade	1	MklII Germany only
	309141	FAN, cooling, light green	1	
	311702	FAN, cooling, orange	1	MklV & 1500
	RKC2126	FAN, cooling, natural	1	

There were originally several types of fan fitted to the Spitfire. Home market Mkl-II used a 2 bladed metal fan, export models used a 4 bladed fan. With the advent of the Mklll home market cars were also fitted with a 4 bladed fan. German models from Mkl-III were fitted with a 6 bladed fan. The only fan now available for the early models is the 4 bladed fan, this can be fitted to all Mkl-III cars.

MklV and early 1500 models had 3 different fans fitted at various points; light green (part no. 309141), orange (part no. 311702) and natural (part no. RKC2126). Only the natural type is now available. This is a suitable replacement for the other types.

21	GHF117	SCREW, fan to water pump	4	Mkl to (e) FC42922E, use with original fan
	SH604051	SCREW, fan to water pump	4	Mkl from (e) FC42923E, also Mkl-III using 147972
	GHF117	SCREW, fan to water pump	4	MklV-1500 to (e) FH105733
22	GHF331	WASHER, locking	4	Mkl-1500 to (e) FH105733
23	38665	BALANCE PIECE, fan	a/r	Mkl to (e) FC42922E & Mklll with 6 bladed fan
				Mkl-1500
24	138530	ADAPTOR, thermostat to hose	1	
25	AUC2141	WASHER, fibre, adaptor to housing	1	
30	GWP205	WATER PUMP, with pulley	1	
31	GCB11088	FAN BELT	1	
32	UKC3532	VISCOUS COUPLING	1	1500 from (e) FH105734
33	UKC759	TOLERANCE RING, coupling to pulley	1	late 1500 models
34	RKC92	FAN, cooling, 13 blade	1	with viscous
35	GHF102	BOLT, fan to viscous coupling	4	coupling fan
36	GHF200	NUT	4	
37	GHF300	WASHER, plain	4	
40	137876	HOSE, pump housing to inlet manifold	1	Mkll
	154149	HOSE, pump housing to inlet manifold (Also suitable for Mklll with 7lb rad cap).	1	Mkll, alternative
41	149699	HOSE, pump housing to inlet manifold	1	Mklll
	154149	HOSE, pump housing to inlet manifold	1	MklV, also Mkll-III
42	CS4012	CLIP, hose clamping, wire type	4	For 137876 & 149699 hoses
	GHC11020	CLIP, hose clamping, band type	4	
43	GZA20522	HOSE, pump housing to inlet manifold	1	1500
	GZA2052X	HOSE, pump hous. to inlet man., silicone	1	
44	CS4013	CLIP, hose clamping, wire type	4	
	GHC11022	CLIP, hose clamping, band type	4	
45	612160	HOSE, inlet manifold to return pipe	1	Mkll
46	152521Z	HOSE, inlet manifold to return pipe	1	Mklll-IV to (e) FH59688E
47	154149	HOSE, inlet manifold to return pipe	1	MklV from (e) FH59689E to 1500
48	212416	TUBE, water return	1	Mkl-IV to (e) FH59688E with heater, except USA
	212416SS	TUBE, water return, stainless steel	1	anti-smog Mklll from (e) FE75001E
49	212935	TUBE, water return, standard	1	MklV-1500 from
	212935SS	TUBE, water return, stainless steel	1	(e) FH59689E & USA anti-smog Mklll from (e) FE75001E

ill.	Part Number	Description	Req.	Details
50	209776	TUBE, water return	1	Mkl-IV (e) FH59688E
	209776SS	TUBE, water return, stainless steel	1	when heater not fitted, Mkl with heater
51	101302	NUT, tube	1	
52	TL11	OLIVE, sealing tube	1	
53	101343	ADAPTOR, return tube to pump housing	1	

Triumph Cooling Fans - and the 'BOW' Test

In the 1960s Standard Triumph had a series of unexplained blade failures on plastic cooling fans. Their development department was confused by this, as the fans fitted were of a material and construction which made them capable of rotating a whole lot faster than the engines could before they failed.

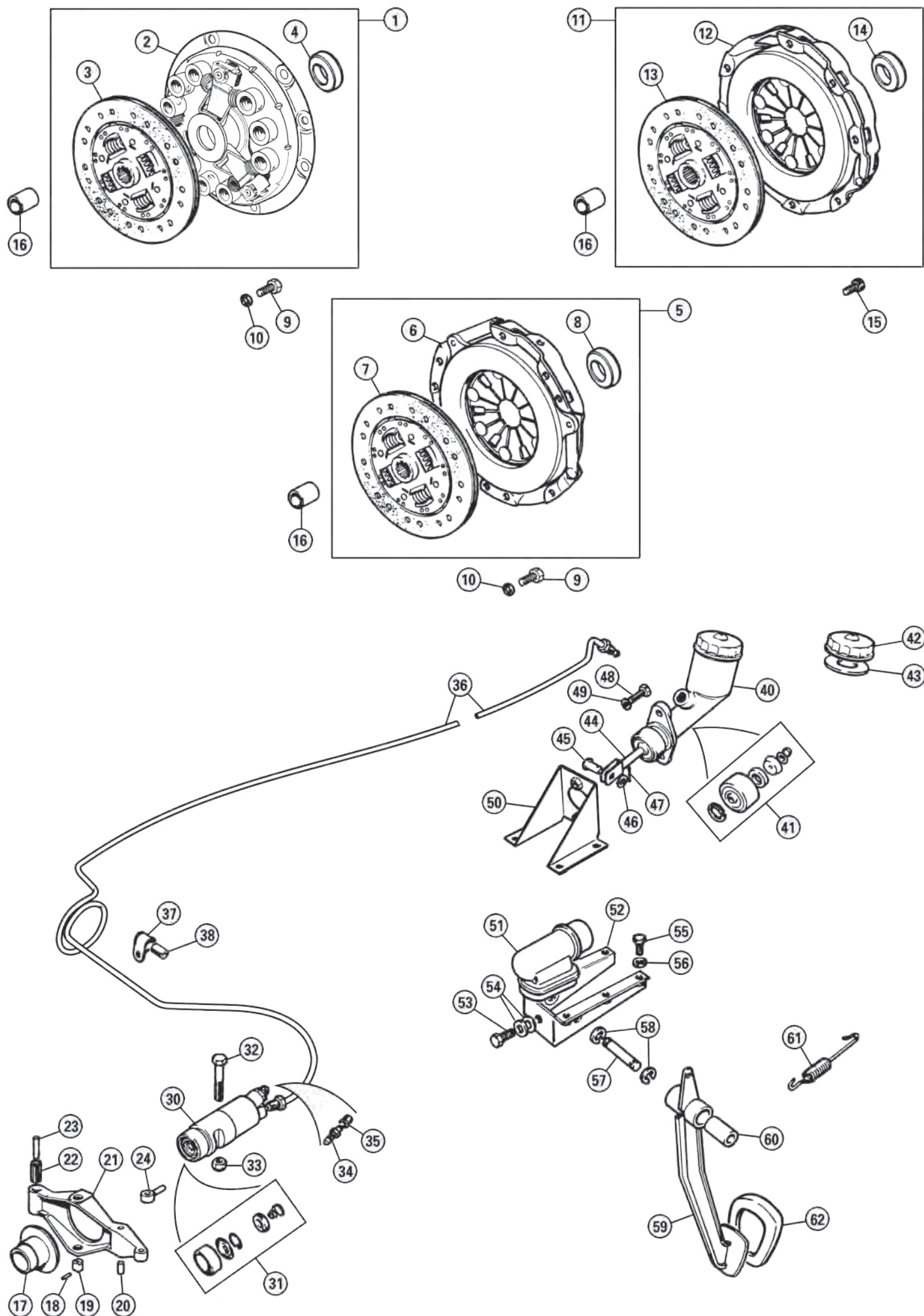
The cause of blade breakage was traced to shock loading, caused by rain water thrown up from the test track or road when puddles were driven over at speed. Those ever resourceful Triumph chaps at Fletchamstead Highway would have to quickly find a method of viewing the phenomena of fan blade breakage, when the speeding car passed over a puddle. Enter the 'BOW' test.

This very expensive piece of test equipment duplicated the conditions of wet roads, providing visual proof of the occurrence. Armed with the results of the test, plastic technology and air duct design could be amended to completely alleviate the problem. What was 'BOW'? Simply a 'Bucket Of Water' thrown at the rotating fan from different angles to study the effect.

Fan Belt Tension

The question of how tight a fan belt should be is not as easy to answer as would first seem; certainly it should be tight enough to drive the engine ancillaries to which it is attached, but not so tight that the bearings of the ancillaries are overloaded. A fan belt that is fitted too tightly will also absorb extra engine power. Fitted too loosely, the belt will slip when the engine is accelerated or an electrical load is applied to the generating system. Slippage wears out the belt and the pulleys.

The handbooks and service manuals give instructions about belt tension. Maintenance of the belt and its periodic replacement will eradicate one of the most frustrating causes of breakdowns. If the fan belt is replaced before it breaks, the old item could be kept in the boot 'just in case'.



ill.	Part Number	Description	Req.	Details
Clutch Drive Components				
1	GCK6101X	CLUTCH ASSEMBLY, spring type, 3 piece	1	Mkl
2	GCC132	CLUTCH COVER, spring type	1	
3	GCP102	CLUTCH PLATE, 6.5", 10 spline	1	
4	GRB206	RELEASE BEARING, clutch	1	Mkl-IV
5	GCK272Z	CLUTCH ASSEMBLY, 3 piece	1	
6	GCC197	CLUTCH COVER	1	
7	GCP212	CLUTCH PLATE, 6.5", 10 spline	1	Mkl-IV
8	GRB207	RELEASE BEARING, clutch	1	
9	SH605051	SCREW, clutch cover	6	
10	GHF332	WASHER, locking	6	1500
11	GCK160	CLUTCH ASSEMBLY, 3 piece	1	
12	GCC196	CLUTCH COVER	1	
13	GCP230	CLUTCH PLATE, 7 1/4", 20 spline, single rail	1	1500
	GCP103AF	CLUTCH PLATE, 7 1/4", 10 spline, three rail (GCP103 is for use between a 1500 engine & 3 rail gearbox - a non standard combination in the UK and mainland Europe).	1	
14	GRB207	RELEASE BEARING, clutch	1	
15	146176	SCREW, clutch cover to flywheel	6	Mkl, use with GRB206
16	105143	SPIGOT BUSH, crankshaft	1	
17	125374	SLEEVE, clutch release bearing	1	
	139563	SLEEVE, clutch release bearing	1	Mkl-1500
18	DS916	ROLL PIN	1	
19	112509	THRUST PLUG	2	
20	112516	LEVER PIN	1	Mkl
21	207907	CLUTCH ARM, spring clutch	1	
	207887	CLUTCH ARM, diaphragm clutch	1	
22	129412	TOLERANCE RING	1	Mkl-1500

The Moss R&D team combined forces with British Motor Heritage to reproduce the tolerance ring which had been unavailable for a long time. During those long dark days when Spitfire owners suffered a deep period of depression and a gnashing of teeth, we learned of many who used the tolerance ring in conjunction with a 5/16" bolt (BH605321), two washers (GHF302) and a nyloc nut (GHF222) to stop the worn tolerance ring from falling out. The alternative was to suffer the pin dropping straight out again during rebuilding, or waiting to drop out while the car was being tested. Trouble was, tightening the nut up too tight led to the unfortunate 'bodger' splitting the bell housing (hence all that Araldite stuffed in the crack that you have just no doubt discovered). The moral is clear, don't listen to ex-Spitfire owners who suggest using a nut and bolt to do a bodge job. We expect all Spitfire owners to do the decent thing and liberate this bolt from their clutch and replace the worn tolerance ring with a new item.

23	129410	PIN, pivot, clutch shaft fork	1	
24	13H21	PUSH ROD	1	
NI	GAC5053B	TOOL, clutch alignment	1	20 spline
NI	GAC5053A	TOOL, clutch alignment	1	10 spline

Clutch Hydraulics & Pedal

30	110762	SLAVE CYLINDER, clutch	1	Mkl
	144716	SLAVE CYLINDER, clutch	1	Mkl-IV
	144716Z	SLAVE CYLINDER, clutch, aftermarket	1	
	GSY103	SLAVE CYLINDER, clutch	1	
	GSY103Z	SLAVE CYLINDER, clutch, aftermarket	1	1500
31	501931	REPAIR KIT, slave cylinder	1	Mkl, use for 110762
	515297	REPAIR KIT, slave cylinder, alum. bodied	1	
	GRK4019Z	REPAIR KIT, slave cylinder, iron bodied	1	
			1	Mkl-IV, use for 144716
			1	1500, use for GSY103
32	BH605181	BOLT	1	
33	GHF222	NUT, nyloc	1	
34	3H2428	NIPPLE, bleed	1	
35	SMP100030	CAP, bleed nipple	1	
36	305937	PIPE, clutch hydraulic	1	RHD
	305936	PIPE, clutch hydraulic	1	LHD
37	CP110125	CLIP, pipe to top bell housing stud	1	
38	114178	SLEEVE, rubber	1	
40	GMC205	MASTER CYLINDER, clutch	1	5/8" bore
	GMC205Z	MASTER CYLINDER, clutch, aftermarket	1	5/8" bore
41	GRK1029	REPAIR KIT, master cylinder	1	
42	500201	CAP, master cylinder, aluminium	1	
	500201Z	CAP, master cylinder, black	1	
		(Only suitable for original master cylinders).		
43	106095	SEAL, rubber	1	
44	122296	PUSH ROD	1	
45	PJ8808	CLEVIS PIN	1	
46	GHF301	WASHER, plain	1	
47	GHF502	SPLIT PIN	1	
48	SH605071	SCREW, cylinder to bracket	2	
49	GHF332	WASHER, locking	2	
50	119583	BRACKET, master cylinder	1	
51	125217	GAITER	1	
52	137842	BRACKET, mounting pedal	1	
53	GHF117	SCREW, pedal adjustment	1	
54	WM57	WASHER, plain	2	
55	GHF117	SCREW	6	
56	GHF331	WASHER, locking	6	
57	119575	SHAFT, pedal	1	
58	506542	CIRCLIP, external	2	
59	136381	PEDAL, clutch, with bush	1	Mkl-II RHD
	134504	PEDAL, clutch, with bush	1	Mkl-II LHD, Mkl-III to (e) FD75000

ill.	Part Number	Description	Req.	Details
	152825	PEDAL, clutch, with bush	1	Mkl-III from (e) FD75001
	TKC4155	PEDAL, clutch, with bush	1	Mkl-IV-1500
60	105605	BUSH	1	
61	114438	SPRING, return	1	
62	122289	PEDAL RUBBER	1	Mkl-III
	150881	PEDAL RUBBER	1	Mkl-IV-1500

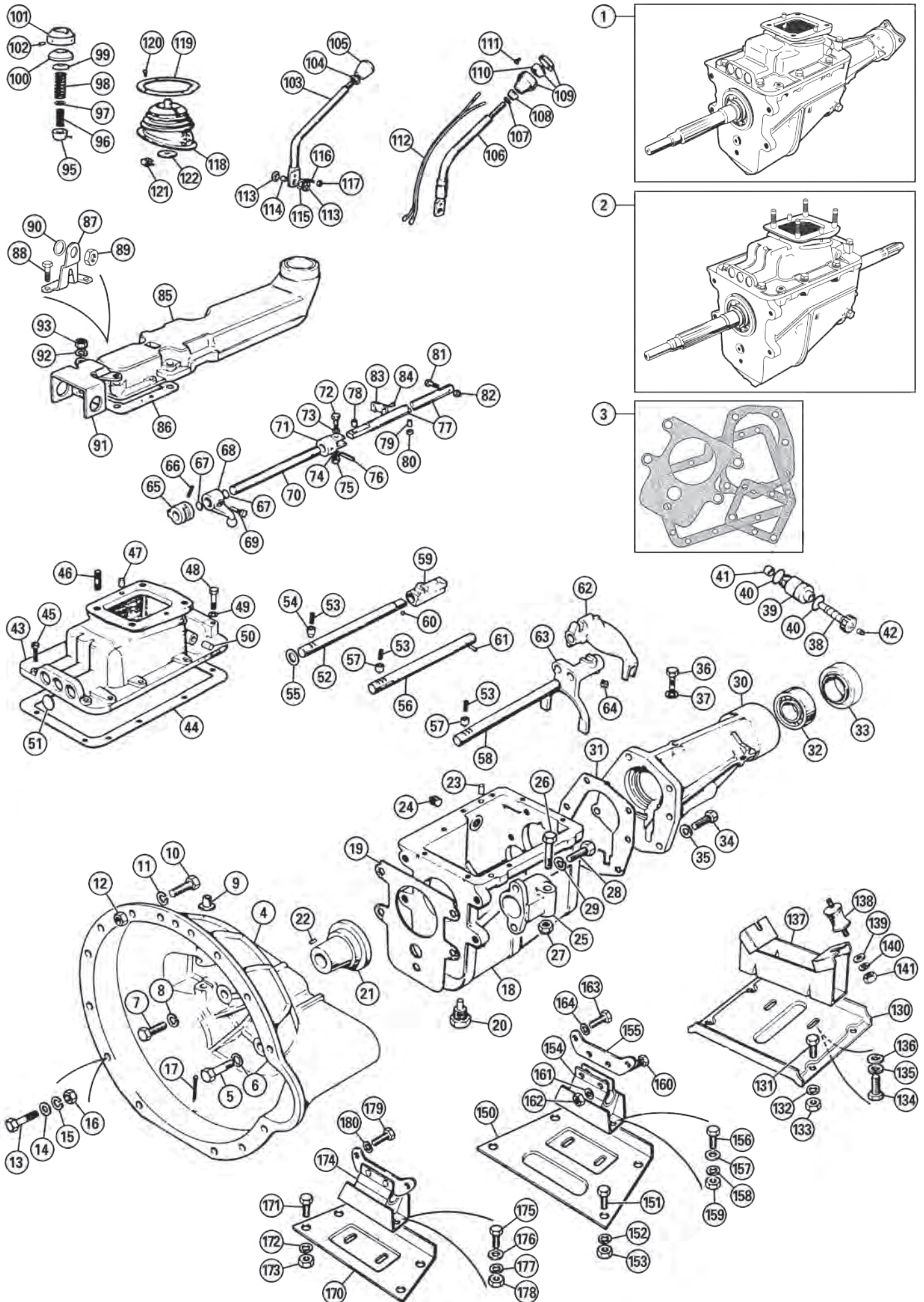
Bleeding the Hydraulic System

The only route to sure-fire success of bleeding the hydraulic system is to use a pressure or vacuum bleeding tool to push or draw, the fluid, displacing the air as it goes. Gunson's Eezibled is an ingeniously cost effective kit consisting of the basic tools plus a selection of adaptors for different motor cars; it uses air from a spare tyre to propel the fluid under pressure into the system. The only cautionary note is to follow the manufacturer's instructions religiously; seat the adaptors correctly on both the Eezibled reservoir and the master cylinder, and don't have too high a pressure in the spare tyre. Another tool, like the hand operated vacuum pump from 'Mityvac', attaches to the bleed nipple on the slave cylinder to draw fluid down the line, collecting waste fluid in its own reservoir. While a little more expensive than Eezibled, the Mityvac has the added advantage of a host of other uses, for example checking vacuum systems on distributors, brake servos, etc.

Note: Please see our Restoration Tools catalogue for our full range of workshop tools & consumables.

Clutch & Brake Fluids

When did you last change your Clutch/Brake fluid? DOT3 fluid ought to be completely discarded, DOT4 ('GBF4') should be installed and replaced every 2 years, as recommended by manufacturers. An alternative, especially if you are replacing master cylinders, brake calipers and/or wheel cylinders, is to thoroughly flush out the pipes and install Silicone fluid (DOT5 'ABF'), which is 'Non-Hygroscopic', so it doesn't promote rust problems in the hydraulic system. The bonus is that it won't damage paint work. When silicone is in use it will provide years of trouble free braking and an end to the monotonous and expensive pastime of repairing or replacing worn or leaking hydraulic components. Racing Fluid (DOT5.1 'GBF5') really is the ultimate in brake fluid. Its anti-boil properties mean that even when the brakes get hot the fluid will remain efficient, rather than boiling locally (such as in the calipers) into useless vapour. Ideal on the race track or when the brakes are used to their limits. Due to its high 'Hygroscopic' nature, DOT5.1 Racing fluid should be replaced annually otherwise the quality and effectiveness will be drastically reduced.



ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------

Gearbox Units & External Components (3 Rail)

From the introduction of the Spitfire Triumph produced gearboxes which did not change much externally but underwent many changes & developments internally to take advantage of power changes and be strong enough to cope with them.

Gearbox Units

Gearboxes are supplied without top cover extension or bell housing.

	513416E	GEARBOX, non-overdrive, recon/exch	1	MkI-II no reverse light
1	516161E	GEARBOX, non overdrive, recon/exch	1	MkI-III
	520426E	GEARBOX, non-overdrive, recon/exch	1	MkIV
2	516162R	GEARBOX, overdrive, 'D' type, recon/exch	1	MkI-III
	520432E	GEARBOX, overdrive, 'D' type, recon/exch	1	MkIV
	UKC1959E	GEARBOX, overdrive, 'J' type, recon/exch	1	

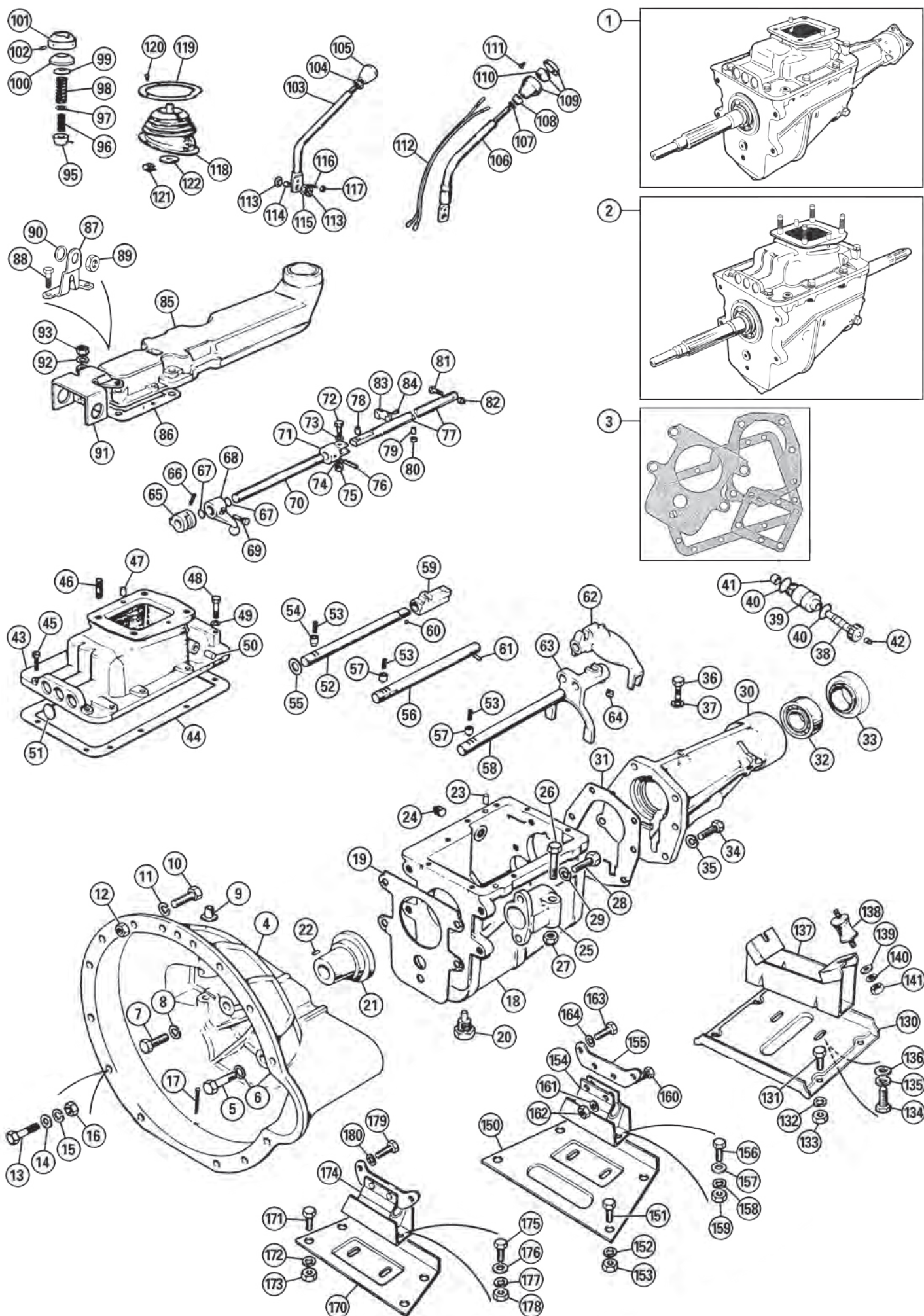
All units are reconditioned/exchange. Contact your branch to find out whether you have to remove the bell housing, extension, adaptor plate etc. before handing us your old unit. You must supply us with a re-buildable 'like for like' old unit. For example, offering us an old non-overdrive box for a rebuilt overdrive item won't do. Also, if you have a non-overdrive gearbox with a square drive flange, it's a Spitfire MkI-III unit and therefore not acceptable as an old unit to exchange for a rebuilt MkIV gearbox.

External Components (All Models)

3	515122	GASKET SET, gearbox	1	inc. items 19, 31, 44, 86
4	210449	BELL HOUSING, clutch	1	
5	GHF105	BOLT	1	
6	500464	WASHER, copper	1	
7	GHF105	SCREW	4	
8	GHF333	WASHER, locking	4	
9	129358	BUSH, clutch pivot	2	
10	SH605091	SCREW, gearbox to engine	8	
11	GHF332	WASHER, locking	8	
12	GHF201	NUT	8	
13	132872	BOLT, dowel	1	
14	GHF302	WASHER, plain	1	
15	GHF333	WASHER, locking	1	
16	GHF202	NUT	1	
17	GHF513	SPLIT PIN	1	
18	149140	CASING, gearbox	1	
19	122569	GASKET, gearbox, front	1	
20	114774	PLUG, oil drain, standard	1	
	155660	PLUG, oil drain, magnetic	1	
21	122566	COVER, front	1	scroll type seal
22	DP205	DOWEL	1	
23	DP414	DOWEL	2	
24	114774	PLUG, oil filler	1	
25	206175	HOUSING, clutch slave cylinder	1	
26	BH605181	BOLT	1	
27	GHF272	NUT, nyloc	1	
28	SH605071	SCREW, housing	2	
29	GHF332	WASHER, locking	2	
30	209590	EXTENSION, rear, non-overdrive	1	MkI-III
	217333	EXTENSION, rear, non-overdrive	1	MkIV
31	106437	GASKET	1	
32	117511	BEARING, rear	1	MkI-III
	157732	BEARING, rear	1	MkIV
33	22G2353	SEAL, rear	1	
34	SH605071	SCREW	7	
35	GHF332	WASHER, locking	7	
36	056305	SCREW, locating	1	
37	GHF332	WASHER, locking	1	
38	119100	GEAR, speedo drive	1	
39	138092	BEARING, speedo drive	1	includes seals
40	119099	'O' RING	2	
41	NKC105A	OIL SEAL	1	
42	119096	BEARING, end thrust	1	
43	120304	TOP COVER	1	MkI-II
	147775	TOP COVER	1	MkIII
	158493	TOP COVER	1	MkIV
44	106269	GASKET, top cover	1	
45	SH604071	SCREW, top cover to casing	7/5	5 req. for overdrive
	GHF101	SCREW, top cover and bracket to casing	2	MkI-IV to (c) FH31846
				overdrive MkI-IV to (c) FH31846
46	FHS2512	STUD, 5/16 UNF, top cover extension	4	MkI-IV to (c) FH31846
	158003	STUD, 5/16 UNF, top cover extension	4	MkIV from (c) FH31847
47	DP414	DOWEL	2	
48	BH604111	BOLT	2	
49	GHF331	WASHER, locking	2	
50	107099	PLUG, interlock hole	2	
51	51K3424	PLUG, selector shaft holes	6	
52	134290	SELECTOR SHAFT, reverse	1	MkI-III to (g) FD55619
	154944	SELECTOR SHAFT, reverse	1	MkIII from (g) FD55620
	154945	SELECTOR SHAFT, reverse	1	MkIV
53	106489	SPRING, plunger	3	
54	136990	PLUNGER	1	
55	158585	WASHER, spacer	1	MkIV
56	108020	SELECTOR SHAFT, 1st/2nd gear	1	MkI-III
	146240	SELECTOR SHAFT, 1st/2nd gear	1	MkIV

ill.	Part Number	Description	Req.	Details
57	106481	PLUNGER	1	
58	108021	SELECTOR SHAFT, 3rd/4th gear	1	MkI-IV
59	114781	ACTUATOR, reverse gear	1	MkI-III
	147394	ACTUATOR, reverse gear	1	MkIV
60	BLS110	BALL, interlock	1	
61	106478	PIN, interlock	1	
62	113868	SELECTOR FORK, 1st/2nd	1	
63	106268	SELECTOR FORK, 3rd/4th	1	
64	122653	SCREW, tapered	3	selector to shafts
65	133771	ACTUATOR, inhibitor switch	1	MkI-IV to (c) FH31846
	158072	ACTUATOR, inhibitor switch	1	MkIV from (c) FH31847
66	DS1315	ROLL PIN	1	
67	118053	'O' RING	2	
68	118040	GEAR LEVER, internal	1	
69	122653	SCREW, tapered	1	lever to shaft
70	127740	SHAFT	1	MkI-IV
71	127741	COUPLING	1	
72	BH604091	BOLT	1	
73	GHF301	WASHER, steel	1	
74	155801	WASHER, nylon	1	
		(An improved version of the nylon washer (155801) is supplied in the linkage overhaul kit).		
75	GHF271	NUT, nyloc	1	
76	DS2516	ROLL PIN	1	
77	129120	SHAFT, operating	1	
78	119262	BUSH, operating shaft	1	
79	155800	SPACER	1	MkIV
80	155799	BUSH	1	MkIV
81	GHF101	BOLT, link	1	
82	GHF271	NUT, nyloc	1	
83	120307	PLATE, reverse baulk	1	
84	TK4503	SCREW, attaching plate	2	
		(This plate may be riveted to the top cover extension).		
85	306152	TOP COVER EXTENSION	1	MkI-IV
86	120305	GASKET, extension to top cover	1	
87	133770	BRACKET, inhibitor switch	1	
88	GHF101	SCREW, bracket to gearbox	2	
89	059474	NUT, inhibitor switch	1	MkI-IV to FH31846
90	1B3664	WASHER, fibre	a/r	
91	158002	BRACKET, inhibitor switch	1	
92	GHF332	WASHER, locking	4	MkIV from FH31847
93	GHF201	NUT	4	
95	120570	BUSH, spherical	1	MkI to FC21927, NLA use 138685
	138685	BUSH, spherical, nylon	1	MkI from FC21928 to MkIV
96	119252	SPRING, reverse baulk	1	
97	119263	CIRCLIP, retaining spring on lever	1	
98	119251	SPRING, cap retainer	1	
99	128373	WASHER, dishd, inner, nylon	1	
100	119573	WASHER, dishd, outer	1	
101	126607	CAP, top cover extension	1	
102	126754	DOWEL, cap to top cover extension	2	
103	134814	GEAR LEVER	1	non-overdrive
104	JN2158	LOCK NUT	1	
105	131246	KNOB, gear lever, round, plain	1	MkI-II
	144095	KNOB, gear lever, round, gear positions	1	MkIII
	154985	KNOB, gear lever, conical, gear positions	1	MkIV, non-overdrive
		Note: The original specification gear knobs are listed above are unfortunately no longer available, use 22B19 as a replacement.		
	22B19	KNOB, gear lever, round, plain	1	replacement for above
106	155173	GEAR LEVER	1	
107	C30623	NUT, locking, for knob	1	
108	C30505A	NUT, locking, chrome	1	
109	155030	KNOB, gear lever and switch	1	MkIV
	155030CAP	CAP, gear knob, overdrive switch	1	overdrive
110	520999A	SWITCH, overdrive control	1	
111	520999C	SCREW, holding switch	2	
112	153726	WIRING HARNESS, extension, o/d switch	1	
113	129118	BUSH, nylon, gear lever	2	MkI to FC21927
	138686	BUSH, gear lever	2	MkI from FC21928 to MkIII
	156910	BUSH, gear lever	2	MkIV
		Note: Both bushes for the early MkI-III Spitfires are no longer available, use 156910 as a replacement.		
114	129119	SLEEVE, pinch, in lever	1	
115	146303	WASHER	2	
116	118054	SCREW, reverse stop to g/lever	1	
117	NT605041	NUT	1	
118	706919	GAITER	1	
	710820	GAITER, for overdrive models	1	
119	613607	'O' RING, retaining gaiter	1	
120	AD608053	SCREW, securing ring	4	
121	GHF712	SPIRE NUT	4	
122	611177	WASHER, rubber	1	
	519770	LINKAGE OVERHAUL KIT*	a/r	gear lever

*Note: Inc. items 86, 73 & improved version of 74, 78, 95, 96, 98, 100, 113, 114, 115. If you can't tell whether the gearbox has selected 1st, 3rd or reverse and don't really care anyway because of the buzzing & rattling emanating through the gaiter, our linkage overhaul kit is the answer to your prayers. This kit replaces the worn bushes with a superior design, and provides all the other parts required to return your Spitfire to the zizzle-free dream car it should be.



ill.	Part Number	Description	Req.	Details
Gearbox Mountings, Non-Overdrive				
130	209782	PLATFORM, rear engine mounting	1	MkI-II
	209018	PLATFORM, rear engine mounting	1	MkIII-IV to (c) FH60000
	TKC484	PLATFORM, rear engine mounting	1	MkIV from (c) FH60001
131	SH605051	SCREW, platform to chassis	4	
132	GHF332	WASHER, locking	4	
133	GHF201	NUT	4	
134	SH605051	SCREW, bracket to platform	2	
135	GHF332	WASHER, locking	2	
136	GHF201	NUT	2	
137	136890	BRACKET, gearbox mounting	1	to (c) FH60000
	UKC3215	BRACKET, gearbox mounting	1	from (c) FH60001
138	22G2205	MOUNTING	2	
139	GHF301	WASHER, plain	2	
140	GHF332	WASHER, locking	2	
141	GHF201	NUT	2	

Gearbox Mountings, 'D' Type Overdrive

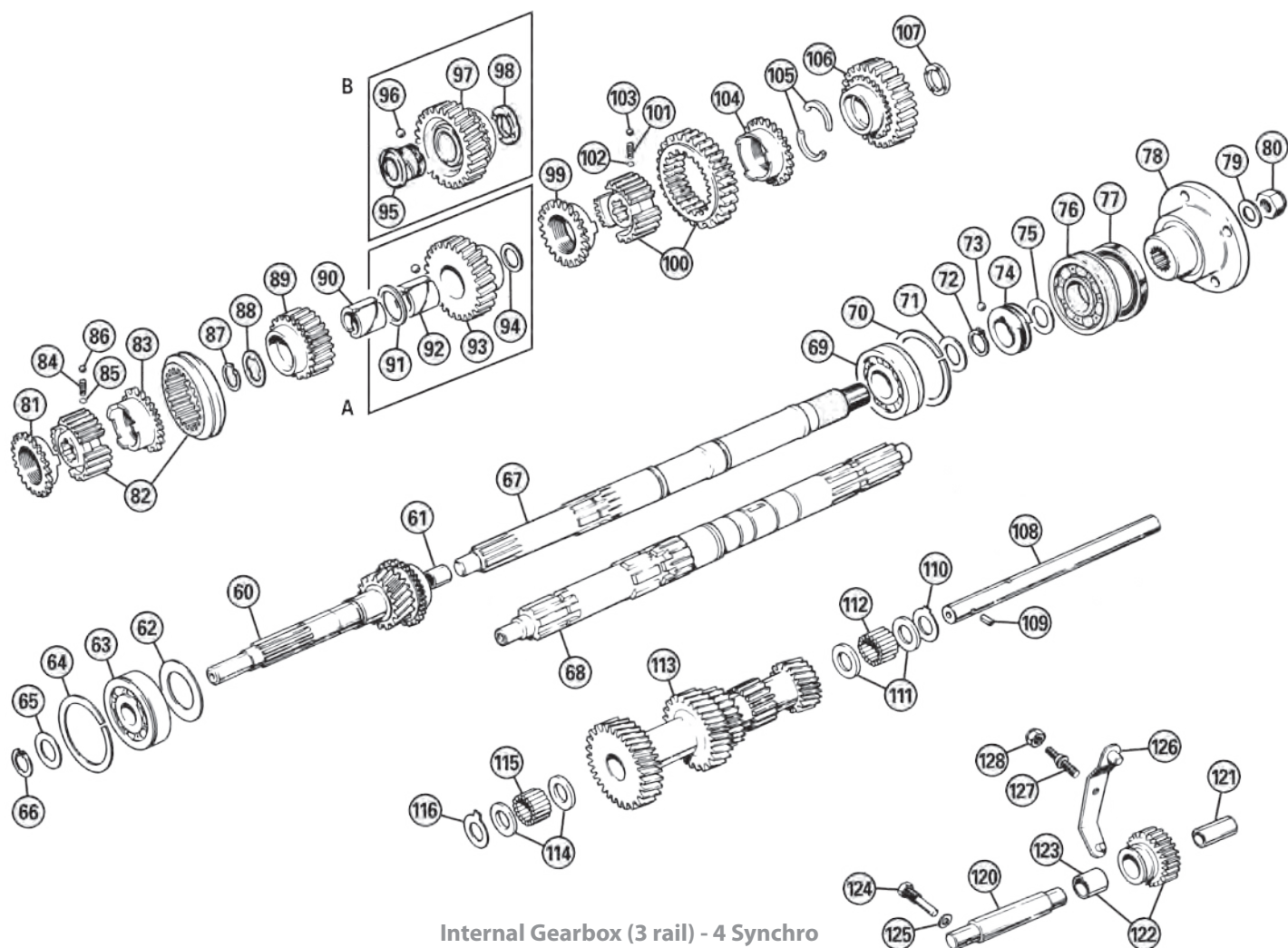
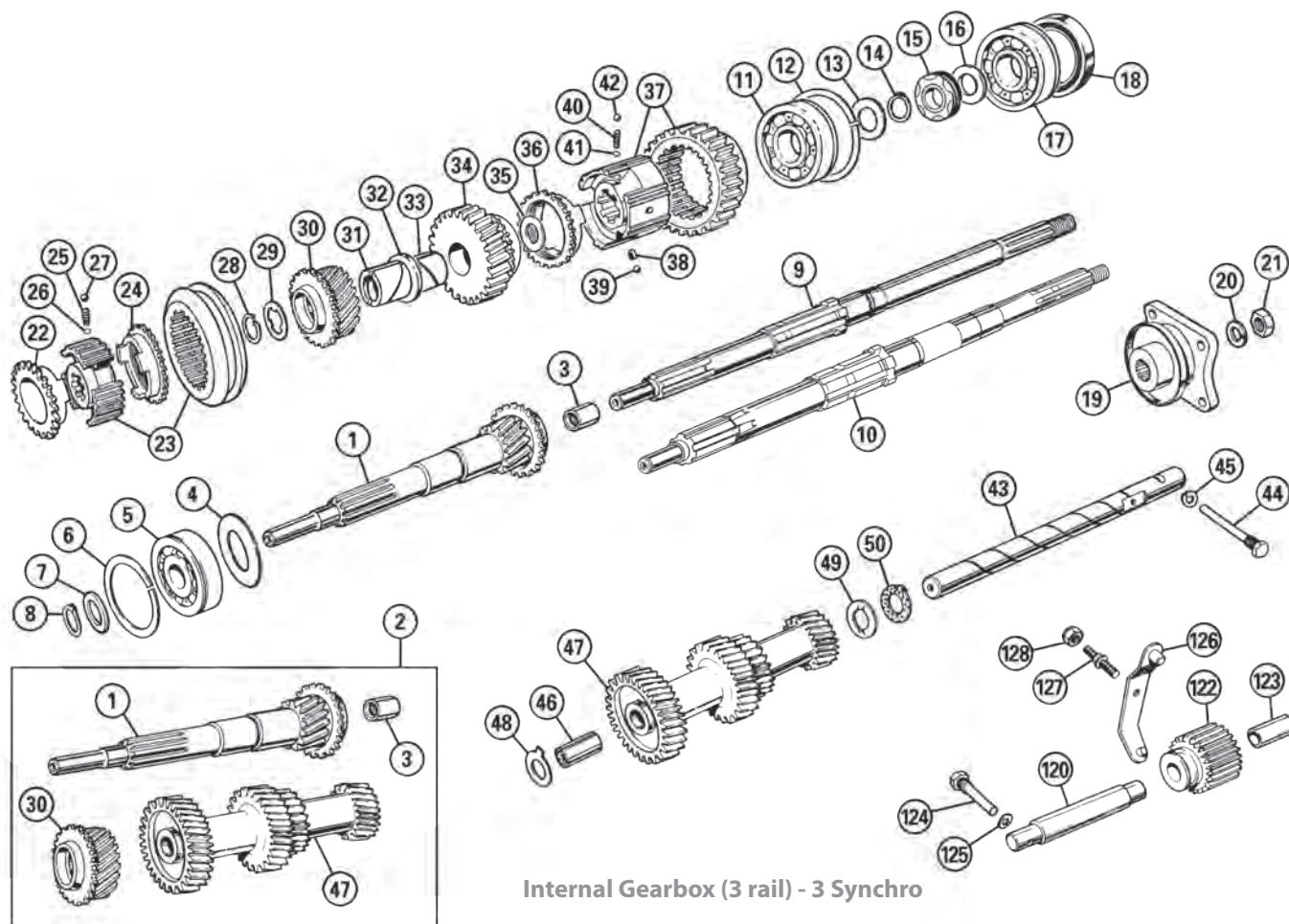
150	148897	PLATFORM, rear engine mounting	1	
151	SH605051	SCREW, platform to chassis	4	
152	GHF332	WASHER, locking	4	
153	GHF201	NUT	4	
154	159656Z	BRACKET & MOUNTING	1	
155	159656Z	BRACKET, mounting to overdrive*	1	

*Note: Bracket (item 155) forms part of 159656Z (item 154) but is illustrated separately to assist in identification, perhaps when the vehicle arrived dismantled or when an overdrive conversion is taking place. Some packing may be required to achieve correct alignment of the transmission.

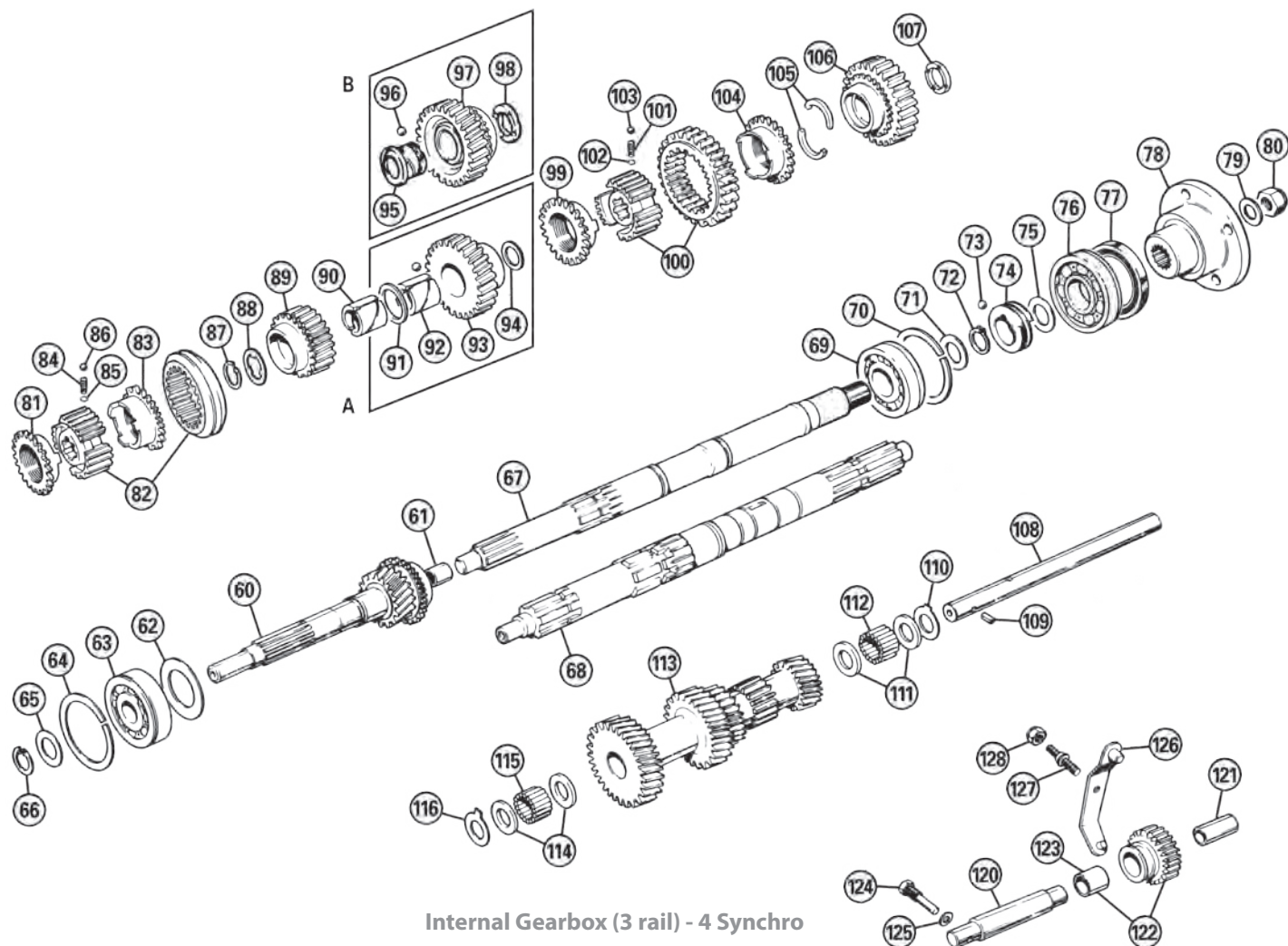
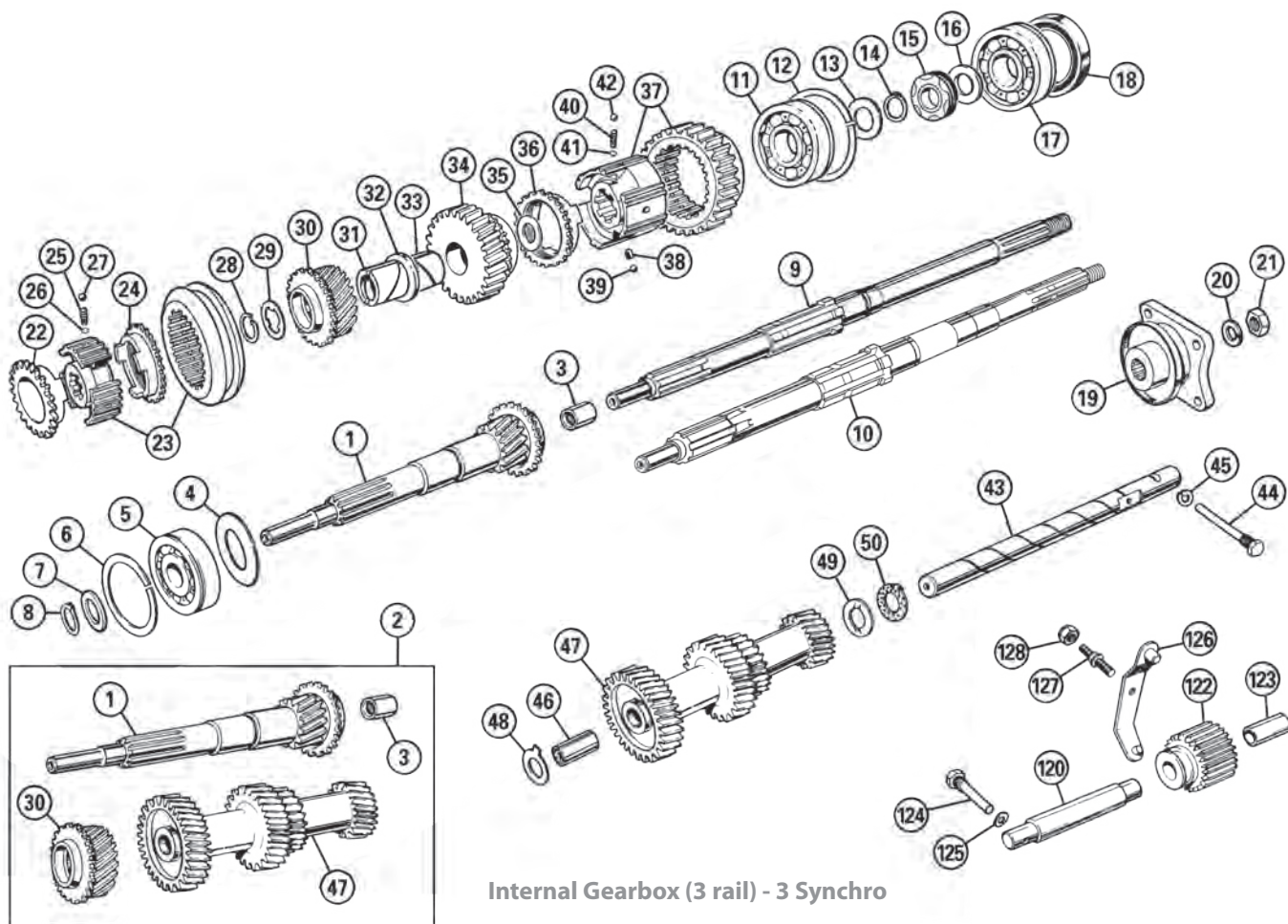
156	SH605061	SCREW, bracket to platform	2	
157	GHF301	WASHER, plain	2	
158	GHF332	WASHER, locking	2	
159	GHF201	NUT	2	
160	SH605051	SCREW	2	
161	GHF332	WASHER, locking	2	
162	GHF201	NUT	2	
163	SH605071	SCREW, bracket to o/drive casing	2	
164	GHF331	WASHER, locking	2	

Gearbox Mountings, 'J' Type Overdrive

170	TKC1407	PLATFORM, rear engine mounting	1	
171	SH605051	SCREW, platform to chassis	4	
172	GHF332	WASHER, locking	4	
173	GHF201	NUT	4	
174	159656Z	BRACKET & MOUNTING	1	
175	SH605061	SCREW, mounting to platform	2	
176	GHF301	WASHER, plain	2	
177	GHF332	WASHER, locking	2	
178	GHF201	NUT	2	
179	SH506071	SCREW	2	
180	GHF333	WASHER, locking	2	



ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
Internal Gearbox (3 rail)									
3 Synchro - Mkl-III									
1	208324	CONSTANT PINION SHAFT CONSTANT PINION SHAFT*	1 1	Mkl-II MkIII	63	104433	BEARING, front main	1	
*Note: The constant pinion shaft for the MkIII 3 synchro was only ever supplied as part of a gear train assembly (part nos. 148030 & 153689), comprising of constant pinion shaft (item 1), needle roller bearing (item 3), 3rd speed gear (item 30) and laygear cluster (item 47).					64	112654	CIRCLIP, snap ring	1	
2	148030	GEAR TRAIN ASSEMBLY	1	MkIII early	65	104438	THRUST WASHER, mainshaft, 0.094"	1	
	153689	GEAR TRAIN ASSEMBLY	1	MkIII late	66	129839	CIRCLIP	1	
3	118507	BEARING, needle roller, press fit	1	Mkl to early MkIII	67	TKC533	MAINSHAFT, non-overdrive	1	
	144782	BEARING, needle roller, loose fit	1	MkIII late	68	TKC923	MAINSHAFT, 'D' type overdrive	1	to FH60000
4	106365	OIL THROWER	1			TKC899	MAINSHAFT, 'J' type overdrive	1	from FH60001
5	104433	BEARING, front main	1		69	104433	BEARING, rear main	1	
6	112654	CIRCLIP, snap ring	1		70	112654	CIRCLIP, snap ring	1	
7	104438	THRUST WASHER, mainshaft, 0.094"	1		71	155805	WASHER, 0.120"	a/r	alternatives
8	CR620325	CIRCLIP, constant pinion shaft	1			155806	WASHER, 0.123"	a/r	
9	204679	MAINSHAFT, non-overdrive	1			155807	WASHER, 0.126"	a/r	
10	208142	MAINSHAFT, overdrive	1			155808	WASHER, 0.129"	a/r	
11	104433	BEARING, rear main	1		(These washers are used to maintain correct end float for 1st gear, see workshop manual).				
12	112654	CIRCLIP, snap ring	1		72	129839	CIRCLIP, speedometer drive gear	1	
13	104438	WASHER	1		73	BLS106	BALL BEARING	1	
14	500872	CIRCLIP	1		74	156032	GEAR, speedo drive	1	
15	119131	GEAR, speedo drive	1		75	155756	WASHER, 1/8" thick	1	non-overdrive
16	117509	WASHER	1		76	157732	BEARING, rear extension	1	
17	117511	BEARING, rear extension	1		77	22G2353	SEAL, rear	1	
18	22G2353	SEAL, rear	1		78	155755	FLANGE, to prop shaft	1	
19	109050	FLANGE, to prop shaft	1		79	WM74	WASHER, plain	1	
20	WM74	WASHER, plain	1		80	510618A	NUT, nyloc	1	
21	HN2012	NUT, 9/16	1		81	150328	SYNCHRO RING, 4th gear	1	
22	148409	SYNCHRO RING, 4th gear	1		82	156968	SYNCHRO HUB, 3rd/4th	1	
	148409X	SYNCHRO RING, 4th gear, competition	1		83	150328	SYNCHRO RING, 3rd gear	1	
23	509651	SYNCHRO HUB, 3rd/4th	1	Mkl-MkIII early	84	104445	SPRING, synchro	3	
	156968	SYNCHRO HUB, 3rd/4th	1	MkIII late	85	037948	SHIM	a/r	
24	113797	SYNCHRO RING, 3rd gear	1		86	BLS108	BALL BEARING, 3rd/4th synchro hub	3	
25	104445	SPRING, in synchro sleeve	3		87	TKC6444	CIRCLIP, snap ring, 3rd gear	1	on main shaft
26	037948	SHIM, under spring*	a/r		88	159978	THRUST WASHER	1	with internal lugs
*Note: This shim is selectively fitted under each of the springs and balls in the two synchro hubs in the gearbox. Its use is to equalise the outward pressure of the balls in the hub. Equalising the pressure can only be achieved with special spring balance equipment, so it only remains to be said that if you have to take a hub apart for inspection or cleaning, make sure (by means of scribing identifying marks on non-working surfaces of the gear) that the correct shims go back in their respective holes. Along the same lines as the above, use corresponding scribed marks on the hub and outer ring to ensure that the ring is slipped back in place exactly as it was before (and the same way round!).					89	TKC3003	GEAR, 3rd speed	1	
27	BLS108	BALL BEARING, 1st/2nd synchro hub	3		90	147354	BUSH, 3rd gear	1	
28	TKC6444	CIRCLIP, retaining gear on mainshaft	1		91	111422	THRUST WASHER, 2nd/3rd, 0.153"	a/r	see box A in illustration
29	159978	THRUST WASHER	1			131843	THRUST WASHER, 2nd/3rd, 0.162"	a/r	
30	116169	GEAR, 3rd speed	1	Mkl-III early, part of 148030		149963	THRUST WASHER, 2nd/3rd, 0.157"	a/r	
				MkIII late, part of 153689		156084	THRUST WASHER, 2nd/3rd, 0.166"	a/r	
30	216317	GEAR, 3rd speed	1			UKC769	THRUST WASHER, 2nd/3rd, 0.170"	a/r	
31	111423	BUSH, 3rd gear	1		92	147354	BUSH, 2nd speed	1	
32	111422	THRUST WASHER, 2nd/3rd, 0.153"	1	Mkl-III	93	154479	GEAR, 2nd speed	1	
	131843	THRUST WASHER, 2nd/3rd, 0.162"	1	MkIII alternative	94	160018	THRUST WASHER	1	has 4 radial grooves each side
	149963	THRUST WASHER, 2nd/3rd, 0.157"	1	MkIII alternative	95	UKC933	BUSH, 2nd gear	1	see box b in illustration
33	111424	BUSH, 2nd gear	1		96	BLS106	BALL BEARING	1	
34	112672	GEAR, 2nd speed	1		97	UKC3364	GEAR, 2nd speed	1	
35	106262	THRUST WASHER, 1st/2nd	1		98	UKC934	THRUST WASHER, 0.199"	a/r	
36	148409	SYNCHRO RING, 2nd gear	1			UKC935	THRUST WASHER, 0.202"	a/r	
	148409X	SYNCHRO RING, 2nd gear, competition	1			UKC936	THRUST WASHER, 0.205"	a/r	
37	509652	GEAR, 1st speed & sleeve	1			UKC937	THRUST WASHER, 0.206"	a/r	
38	106475	PIN, locking	1	fitted in sleeve	Note: Items 90 & 98 are used to adjust the end float of 2nd & 3rd gears.				
39	BLS108	BALL, interlock	1		99	150328	SYNCHRO RING, 2nd gear	1	
40	106388	SPRING, in synchro hub	3		100	156911W0	SYNCHRO HUB, 1st/2nd gear	1	33 teeth
41	037948	SHIM	a/r		101	106388	SPRING, in synchro hub	3	
42	BLS108	BALL BEARING, 1st/2nd synchro hub	3		102	037948	SHIM	a/r	
43	113230	LAYSHAFT	1		103	BLS108	BALL BEARING, 1st/2nd synchro hub	3	
44	106476	SCREW, locating layshaft in casing	1		104	150328	SYNCHRO RING, 1st gear, bottom	1	
45	GHF332	WASHER, locking	1		105	137834	SPLIT COLLAR, pair	1	
46	112477	BUSH, laygear	2		106	154821	GEAR, 1st speed	1	
47	129815	LAYGEAR CLUSTER	1	Mkl-II	107	137775	WASHER, spacer	1	alternatives
	153689	LAYGEAR CLUSTER, inc. bushes	1	MkIII	108	144595	LAYSHAFT	1	
Note: The MkIII Laygear was originally only supplied as part of the gear train assembly (part no. 148030 & 153689). The change points were not listed by the factory.						144595Z	LAYSHAFT, aftermarket	1	
48	113229	THRUST WASHER, front	1		109	DS1908	ROLL PIN, locating layshaft	1	
49	106270	THRUST WASHER, rear	1		110	106270	THRUST WASHER, rear	1	
50	106271	THRUST WASHER, rear	1		111	119891	RETAINING RING	2	
4 Synchro - MkIV					112	119893	NEEDLE ROLLER	25	
60	216611	CONSTANT PINION SHAFT	1	1st motion shaft	113	154829	LAYGEAR CLUSTER	1	
61	144782	BEARING, constant pinion	1		114	119891	RETAINING RING	2	
62	106365	OIL THROWER	1		115	119893	NEEDLE BEARING	25	
					116	113229	THRUST WASHER, front	1	
					All Models				
					120	113071	SPINDLE, reverse gear	1	
					121	137687	SPACER	1	4 synchro only
					122	113077	REVERSE IDLER GEAR	1	Mkl-III, includes bush 104420
						144580	REVERSE IDLER GEAR	1	MkIV, includes bush 104420
					123	104420	BUSH	1	
					124	106477	SCREW, locating	1	
					125	GHF332	WASHER, locking	1	
					126	106254	LEVER, reverse operating	1	
					127	106448	FULCRUM PIN	1	
					128	GHF273	NUT, nyloc	1	



Assessment for Gearbox Overhaul

Oil in any machinery collects particles from the operating parts that it comes into contact with. Many engineering concerns use lubricating oil analysis at regular intervals to monitor the machinery's condition. In fact, with the oil laboratory's help and the applied knowledge of the mechanical engineer, machinery life expectancy and time period between overhauls can be established. Economically speaking, a piece of machinery can be withdrawn from service for bearing replacement before it actually fails and destroys other more expensive parts within the whole.

This, in the case of an aircraft engine for example, will minimise in-service break downs and unscheduled power plant changes. Some motor car oil manufacturers offer lubricant analysis to users of their product.

Impending failures can be noted by increases of certain deposits in the analysed oil. The oil drained from your gearbox can be viewed in a less scientific manner, but still with an accent towards indicating any potential failure, or to give an idea of which item has failed within the gearbox and how it has failed.

A damaged component such as a synchro ring may prove relatively cheap to replace. The complete collapse of the mainshaft tip bearing or layshaft needle roller bearings is not. The inclusion of a magnetic drain plug in the sump of the gearbox is recommended; it will collect all the metallic particles that otherwise would circulate with the oil and further erode the wearing surfaces of all components.

So what do you look for in your oil when you have drained it into a clean container?

A light brassy coloured oil is nothing to worry about. However, brassy coloured lumps or pieces of yellow coloured metal probably indicates the failure of synchro rings, the plain bushes on the mainshaft or the thrust washers at each end of the laygear countershaft.

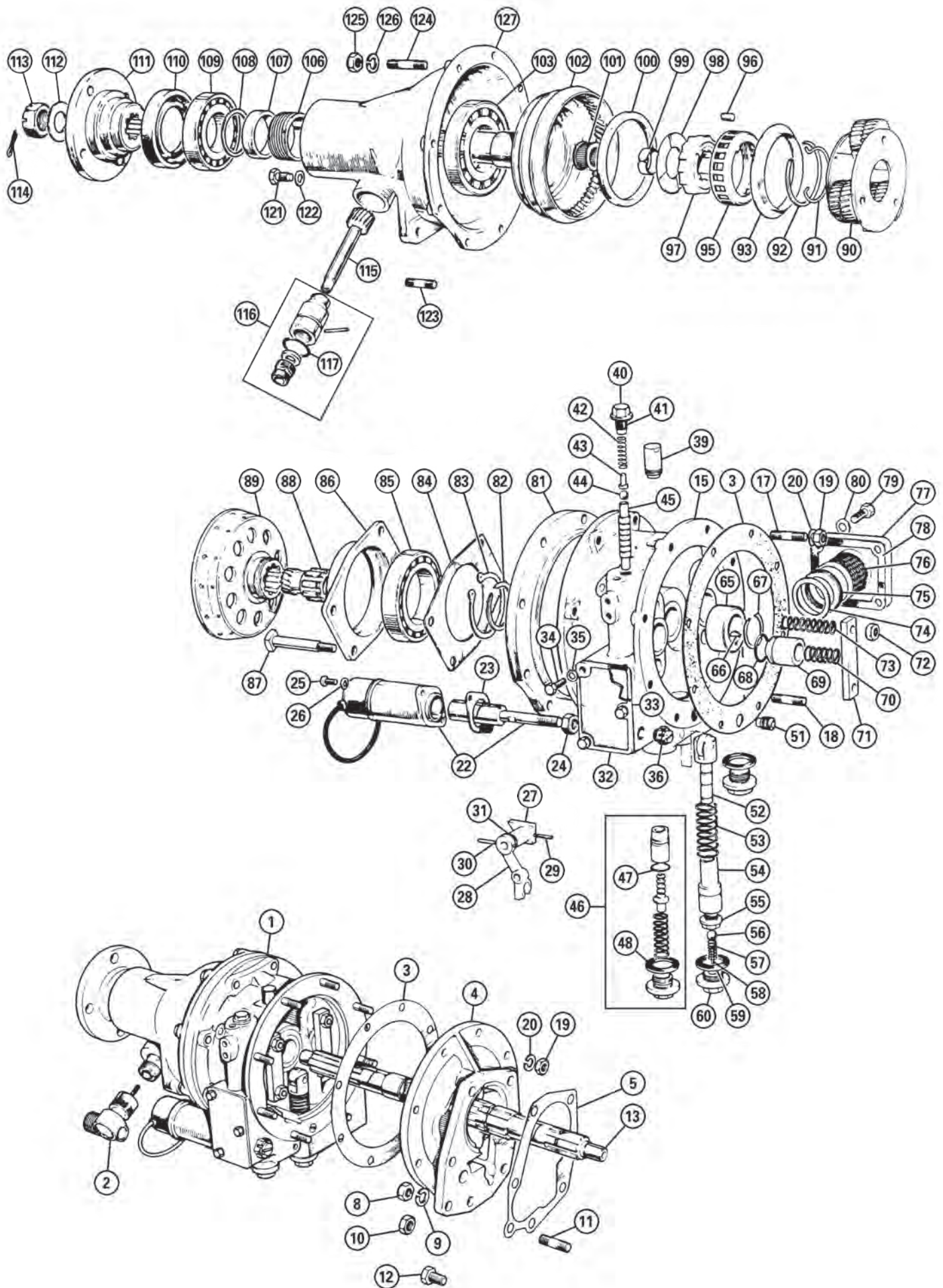
A thick grey coloured oil will indicate the start of or the actual failure of steel components such as the laygear bearings, or the mainshaft tip bearing in the first motion shaft. This coloured deposit can be tested with a magnet; steel fragments will of course be attracted to it.

If the reason you have drained your oil is because of a nasty noise from the gearbox when it is driven, this information may assist you in planning the repair route you choose. Once the gearbox is removed from the car, the exterior of the gearbox should be cleaned. It is important that no extra dirt be deposited inside the gearbox while an internal examination is carried out through the removed top cover. Physically moving parts about and checking for excessive play in bearings will give a good indication whether it is cheaper to 'chop the box in' for a reconditioned item, or tackle the repair yourself. Often it is cheaper to tackle the task yourself.

As with all things in life - you get what you pay for. A cheap reconditioned exchange gearbox is not necessarily as good as your own with the same amount spent on replacement parts. This said, if you are expecting to have to renew gear assemblies or sets of gears it may well prove economically more prudent to obtain a quality reconditioned exchange unit. Often, when gear set and shaft replacement is required the sum of the cost of the parts far exceeds the cost of the whole.

The quality gearbox repairer knows what goes wrong and will replace items regardless of their condition, as he has to guarantee the finished unit. Similarly an experienced re-conditioner will have spares available to himself which are not always obtainable by the public. This is his trade and he will protect it to retain his position in the marketplace.

When fitting a reconditioned exchange gearbox assembly do not forget that the unit is delivered without lubricating oil. The oil recommended is Hypoid 90 grade, as used in the rear axle assembly. As a useful tip, remember to slacken both the oil drain plug and filler plug prior to installation of the unit in the car. There is nothing more irritating than wanting to fill (or drain) a gearbox and then discovering that the plugs on the freshly fitted and now inaccessible unit were apparently installed by the world's strongest man! Afterwards, re-tighten both plugs to your chosen torque.



ill.	Part Number	Description	Req.	Details
'D' Type Overdrive				
1	307862R	OVERDRIVE, recon/exchange	1	
2	120694	ANGLE DRIVE, speedo pinion	1	
3	37H1901	GASKET, overdrive to extension	1	
4	305137	ADAPTOR PLATE	1	
5	106437	GASKET, adaptor plate to gearbox	1	(Triumph attached the adaptor plate to the gearbox using either seven studs, or with five screws plus two studs, with nuts & washers as required).
8	GHF201	NUT	6/2	} quantity decreases if item 12 is used
9	GHF332	WASHER, locking	7	
10	NT605041	NUT	1/0	
11	132115	STUD, locking extension to g/box	7/2	} alternative to 8, 10, 11
12	SH605071	SCREW	5	
13	TKC923	MAINSHAFT	1	
15	515814	MAIN CASING	1	
17	506083	STUD, overdrive to extension	7	
18	506105	STUD, overdrive, lower LH	1	
19	GHF200	NUT	8	
20	GHF331	WASHER, locking	8	
22	010002	SOLENOID	1	
23	7H8196	GASKET	1	
24	GHF271	NUT, solenoid adjusting	1	
25	UFS1194R	SCREW, solenoid to main casing	2	
26	WF702101	WASHER, shakeproof	2	
27	515811	CAM, operating valve	1	
28	515813	LEVER	1	
29	513888	LOCATING PIN, cam	1	
30	500412	LOCATING PIN, lever	1	
31	500594	'O' RING	1	
32	506109	SIDE PLATE	1	
33	513204	GASKET, side plate	1	
34	53K126	SCREW, side plate	3	
35	WF702101	WASHER, shakeproof	3	
39	502560	BREATHER	1	
40	506117	PLUG	1	
41	3H693	WASHER, copper	1	
42	007972	SPRING, plunger	1	
43	500591	PLUNGER	1	
44	BLS108	BALL	1	
45	17H8030	OPERATING VALVE	1	
46	7H8191	RELIEF VALVE KIT	1	(Wear in this assembly is a frequent cause of sluggish overdrive engagement).
47	506129A	SEAL, upper, relief valve	1	
48	506118A	SEAL, lower, relief valve	1	
51	506076	SCREW, pump retaining	1	
52	513196	PLUNGER	1	
53	500633	SPRING, plunger	1	
54	513222	PUMP BODY	1	
55	37H2693	NON-RETURN VALVE	1	
56	BLS107	BALL	1	
57	37H2557	SPRING, non return valve	1	
58	514889	PIN, locating	1	
59	506118A	WASHER, sealing	1	
60	513206	PLUG, non return valve	1	
65	513216	PUMP CAM	1	(Remember to align the pump cam & plunger correctly when attaching overdrive to gearbox).
66	WKN304	WOODRUFF KEY	1	
67	22H228	SNAP RING	1	
68	TRS1114	SEAL, operating piston	2	
69	7H8290	OPERATING PISTON	2	
70	513219	SPRING, operating piston	2	(If the overdrive is sluggish in engaging, these 2 springs may be the cause).
71	7H8286	BRIDGE BAR	2	
	7H8286PR	BRIDGE BAR (pair)	1	
72	JS616A	LOCK NUT	4	
73	513199	CLUTCH SPRINGS, (set of four)	1	locates on to item 87
				(If the overdrive is sluggish in disengaging, deterioration in these four springs may also be the cause).
74	506107	SEALING PLATE	1	
75	513205	MAGNET SET	1	
76	7H8197	FILTER	1	
77	506097	COVER PLATE, filter	1	
78	506098	GASKET, filter cover	1	
79	GHF117	SCREW, cover retaining	4	
80	GHF321	WASHER, shakeproof	4	
81	7H8310	BRAKE RING	1	
82	506091	SNAP RING	1	
83	515356	CIRCLIP	1	
84	506104	BASE PLATE, bearing housing	1	
85	7H8301	FRONT BEARING	1	
86	506081	BEARING HOUSING	1	
87	513203	BOLT, bearing housing	4	} locates disengagement springs
88	506044	SUN GEAR	1	
89	513200E	SLIDING MEMBER	1	(also known as clutch)
				(Sudden cessation of overdrive engagement is often caused by this item wearing badly, burning, breaking up, or frequently, the lining shearing off the sliding member).

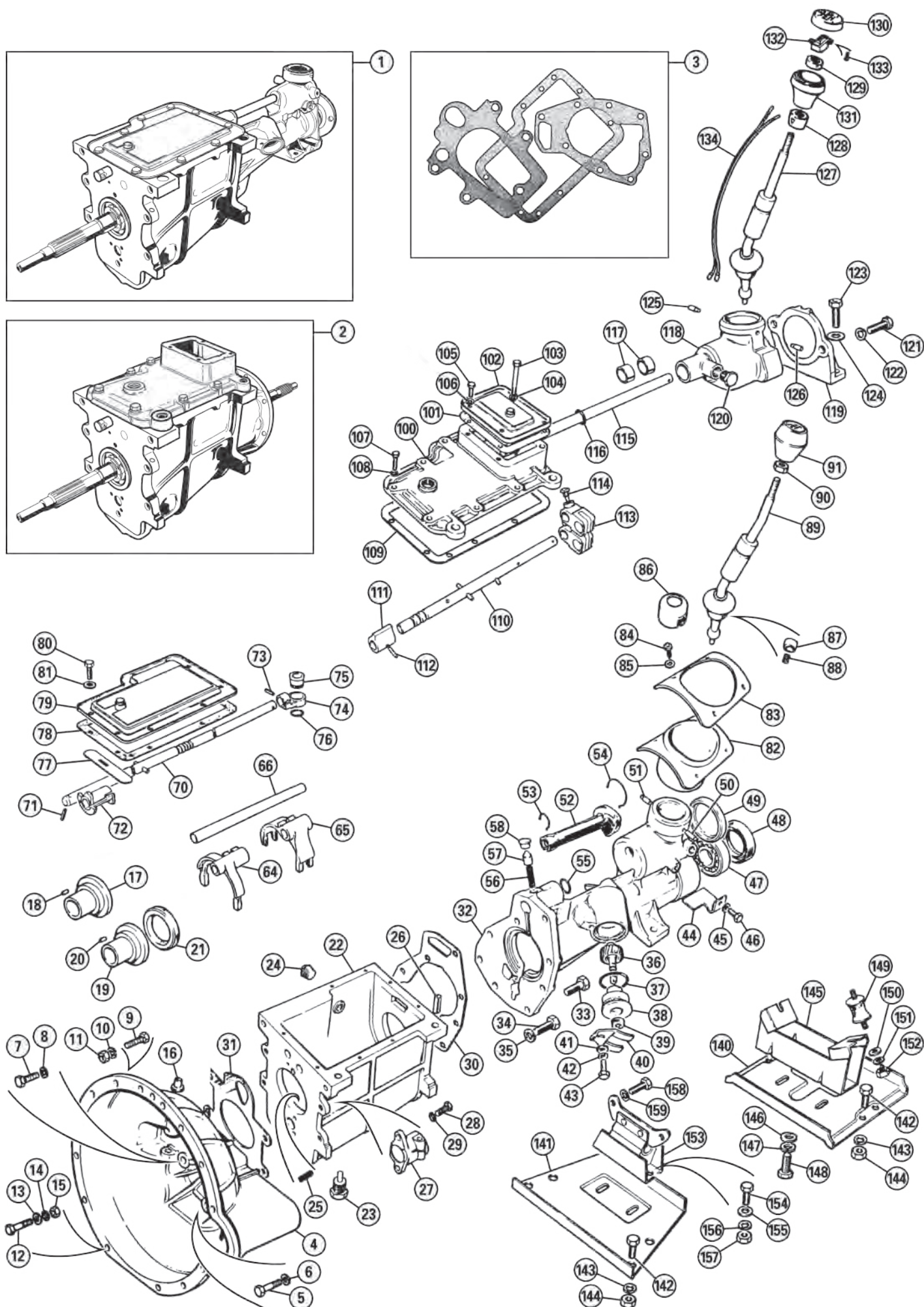
ill.	Part Number	Description	Req.	Details
90	17H8014	PLANET GEAR CARRIER	1	
	505546	BEARING, needle roller	6	
	500412	MILLS PIN, securing bearings	3	
91	513208	SPRING, one-way clutch	1	ratchet operation
92	NKC77A	SNAP RING	1	
93	010857	SLEEVE, clutch retaining	1	
95	BAU2061A	CAGE, uni-directional clutch rollers	1	
96	506063A	ROLLERS, set of twelve	1	
97	513209	CLUTCH CENTRE	1	
98	500613A	WASHER, thrust	1	
99	22H193	SPRUNG SLEEVE	1	
100		BEARING FACE, inside annulus	1	not separately available
101	506113	SPIGOT BEARING, inside annulus	1	
102	513195	ANNULUS	1	
103	134465	BEARING, front of annulus shaft	1	
106	7H8294	DRIVE GEAR, speedometer	1	
107	513211	SPACER TUBE	1	
108	17H8024	SHIM, 0.105"	a/r	
	17H8025	SHIM, 0.1"	a/r	
	17H8026	SHIM, 0.095"	a/r	
	17H8027	SHIM, 0.09"	a/r	
	27H2893	SHIM, 0.085"	a/r	
109	533360A	BEARING, rear of annulus shaft	1	
110	7H8325	OIL SEAL, drive flange	1	
111	146102	DRIVE FLANGE	1	
112	WP24	WASHER, plain	1	
113	BTB753	NUT, nyloc	1	
114	GHF504	SPLIT PIN, for slotted nut only	1	
115	17H8021	PINION, speedometer drive	1	
116	17H8012	BEARING, pinion	1	
		(Dismantle this bearing at your peril).		
117	506115	'O' RING	1	
121	506071	SCREW, locking pinion assembly	1	
122	500469	WASHER, copper	1	
123	506103	STUD, rear casing to main casing	2	for lower 2 holes on flange
124	506082	STUD, rear casing to main casing	6	use in other six positions
125	GHF200	NUT	8	
126	GHF331	WASHER, locking	8	
127	513198	REAR CASING	1	

So Your Overdrive's Stopped Working (part 1)

Symptom

- A) Overdrive does not engage
- B) Overdrive does not disengage
- C) Clutch slip in overdrive

POSSIBLE CAUSE	A	B	C
Insufficient oil in gearbox	■		■
Electrical system fault	■	■	
Solenoid lever out of adjustment	■	■	■
Insufficient hydraulic pressure (check valves for seating or dirt)	■		■
Pump filter blocked	■		
Blocked restrictor jet in operating valve		■	
Solenoid sticking	■	■	
Sticking clutch		■	
Worn or glazed clutch lining			■
Car not fitted with overdrive	■	■	■



ill. Part Number Description Req. Details

Gearbox Units & External Components
(1500 - Single rail)

Gearbox Units

1	UKC5643E	GEARBOX, scroll type seal, recon	1	} non overdrive
	ULC2483E	GEARBOX, lip type seal, recon	1	
2	UKC5646E	GEARBOX, scroll type seal, recon	1	} overdrive
	ULC2450E	GEARBOX, lip type seal, recon	1	

Important Note: If you place an order for a 'Lip type' shaft/seal Gearbox unit to replace your 'Scroll type' unit, there is a non refundable (additional) surcharge applied to cover extra manufacturing costs. You must supply us with a re-buildable 'like for like' old unit. For example, offering us an old non-overdrive box for a rebuilt overdrive item won't do. Our overdrive boxes are supplied without gear lever extension assembly or overdrive, but with the overdrive adaptor plate.

External Components (All Models)

3	HMP290020	GASKET KIT, gearbox	1	} Inc. items 30, 31, 78
4	312151	BELL HOUSING	1	
	312151A	BELL HOUSING, alloy	1	
	UKC7933	BELL HOUSING	1	
		(The bell housing changes correspond with the change from the scroll type to rubber lip type seal on the constant pinion shaft. New bell housings do not include front covers (items 17 or 19).		
5	GHF105	BOLT	1	
6	500464	WASHER, copper	1	
7	SH606091	SCREW, bell housing to casing	4	
8	GHF333	WASHER, locking	4	
9	SH605091	SCREW, gearbox to engine	8	
10	GHF332	WASHER, locking	8	
11	GHF201	NUT	8	
12	132872	DOWEL BOLT	1	
13	GHF302	WASHER, plain	1	
14	GHF333	WASHER, locking	1	
15	GHF202	NUT	1	
16	129358	BUSH, clutch pivot	2	
17	122566	COVER, front, scroll type seal	1	
18	DP205	DOWEL	1	
19	UKC7926	FRONT COVER	1	
20	DP205	DOWEL	1	
21	132292	SEAL, in front cover	1	use with item 16 only
22	RKC461	CASING, gearbox	1	
23	155660	PLUG, oil drain, magnetic	1	
24	114774	PLUG, oil filler	1	
25	137532	SPRING	3	
26	DS5016	DOWEL	2	overdrive models only
27	206175	HOUSING, clutch slave cylinder	1	
28	SH605071	SCREW, fixing housing	2	
29	GHF332	WASHER, locking	2	
30	22G1420	GASKET, rear	1	
31	157690	GASKET, front	1	
32	DAM1650	REAR EXTENSION*	1	non-overdrive models

*Note: The DAM1650 rear extension is a 'cut to fit' type supercession by Rover Cars Parts. To fit a DAM1650 you will also need to buy an insert (DAM2959) and a plug (DAM3632). The gearbox mounting plate will also have to be drilled and tapped to accept the mounting rubbers.

33	112653	BOLT	2	
34	GHF103	SCREW	6	
35	GHF332	WASHER, locking	8	
36	219005A	SPEEDO DRIVE GEAR	1	for 3.89:1 axle
	219003A	SPEEDO DRIVE GEAR	1	for 3.63:1 axle
	219001	SPEEDO DRIVE GEAR	1	from FH126380
				Switzerland only (3.27:1 axle)
37	TRS1620	'O' RING, speedo drive bush	1	
38	22G1486	BUSH, locating drive gears	1	
39	NKC105A	OIL SEAL	1	
40	22G1711	RETAINER, speedo pinion	1	
41	GHF300	WASHER, plain	1	
42	GHF331	WASHER, locking	1	
43	GHF117	SCREW	1	
44	22G1425	PLATE, reverse lift	1	
45	GHF331	WASHER, locking	1	
46	SH604051	SCREW	1	
47	157732	BEARING, rear	1	
48	22G2353	SEAL, rear	1	
49	22G1422	END COVER	1	
50	DAM2670	PIN, locating cap	1	
51	DAM2670	PIN, locating cap	1	to (g) FR268
	22G2277	PIN, locating cap	1	from (g) FR269
52	DAM518	GAITER, selector shaft	1	to (g) FR12687
	UKC8875	GAITER, selector shaft	1	from (g) FR12688
53	DAM1723	CLEAT, front	1	to (g) FR12688
54	DAM671	CLEAT, rear	1	
55	TRS912	'O' RING	1	
56	22G2198	SPRING	1	use with non-overdrive
57	22G1421	PLUNGER	1	original rear extension
58	22G1947	PLUG, plunger securing	1	only

ill. Part Number Description Req. Details

	DAM6892	INSERT	1	} use with non-overdrive replacement DAM1650 extension only as detailed in notes for item 32
	DAM4968	DETENT	1	
	DAM4804	SPRING	1	
	DAM3632	NYLON PLUG	1	
	DAM2959	INSERT	1	
64	22G1584	SELECTOR FORK, 3rd & 4th	1	
65	22G1406	SELECTOR FORK, 1st & 2nd	1	
66	22G1408	SHAFT, selector fork	1	

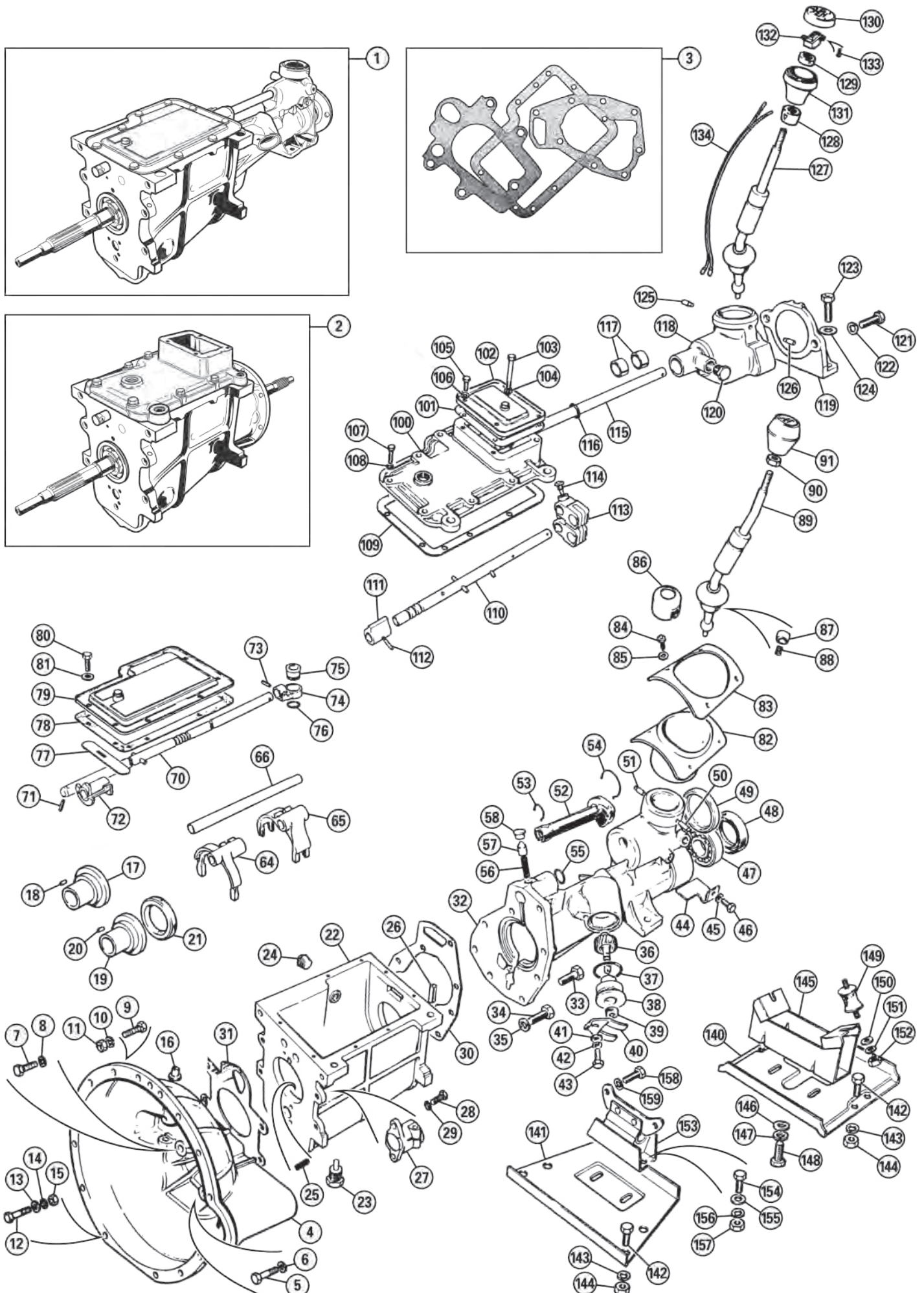
External Components for Non-Overdrive Models

70	22G1413	SELECTOR SHAFT	1	
71	UKC6398	ROLL PIN, shaft to interlock	1	
72	22G1418	INTERLOCK	1	
73	RZS1216	PIN	1	
74	22G2291	YOKE	1	
75	22G1424	YOKE SEAT	1	} alternatives
	DAM3045	YOKE SEAT	1	
76	13H6762	CIRCLIP	1	use only if DAM3045 fitted
77	22G1419	PLATE, interlock spool	1	
78	22G1911	GASKET, top cover	1	
79	22G1884	TOP COVER	1	
80	SH604041	SCREW, securing cover	9	
81	GHF331	WASHER, locking	9	
82	YKC1481	GAITER, gear lever	1	non-overdrive
	YKC1482	GAITER, gear lever	1	overdrive
83	YKC1483	RETAINER PLATE	1	
84	AD608053	SCREW, securing gaiter	4	
85	WP124	WASHER, plain	4	
86	22G1434	RETAINER	1	
87	22G2286	PLUNGER, nylon, anti-rattle	1	
88	106388	SPRING, anti-rattle	1	
89	UKC3284	GEAR LEVER	1	
90	JN2158	NUT, locking, lever to knob	1	
91	UKC2793	GEAR KNOB	1	
	UKC7615	GEAR KNOB	1	
	UKC7614	GEAR KNOB	1	

External Components for Overdrive Models

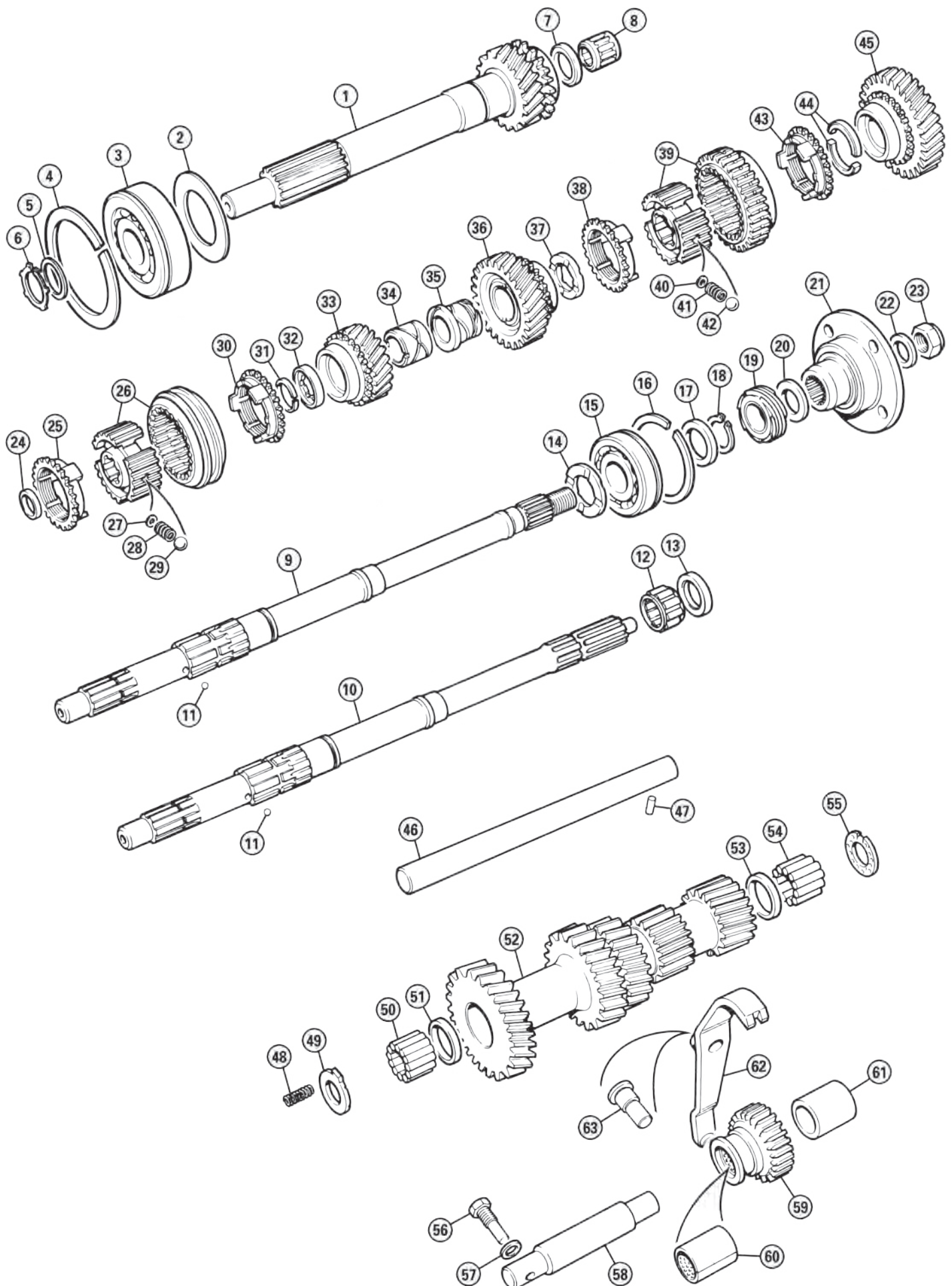
100	TKC1256	TOP COVER	1	
101	UKC2937	GASKET, cover plate to top cover	1	
102	UKC3600	COVER PLATE	1	
103	GHF118	BOLT	2	
104	GHF331	WASHER, locking	2	
105	SH604041	SCREW	2	
106	GHF331	WASHER, locking	2	
107	SH604071	SCREW	7	
108	GHF331	WASHER, locking	7	
109	22G1911	GASKET, top cover	1	
110	UKC4619	SELECTOR SHAFT	1	
111	UKC2281	ACTUATOR	1	
112	DS1914	ROLL PIN	1	
113	UKC2742	CONNECTOR BLOCK	1	
114	122653	SCREW, locating	2	
115	UKC2892	SELECTOR SHAFT	1	
116	TRS912	'O' RING	1	
117	UKC2890	BUSH	2	
118	UKC2939	TOWER	1	
119	TKC1305	END COVER	1	
120	108114	PLUG, threaded	1	
121	GHF163	SCREW	2	
122	GHF332	WASHER, locking	2	
123	GHF163	SCREW	2	
124	GHF332	WASHER, locking	2	
125	22G2277	RETAINER PIN, short	1	
126	DAM2670	RETAINER PIN, long	1	
127	UKC3285	GEAR LEVER	1	
128	C30505A	NUT, locking, gear knob, chrome	1	
129	C30623	NUT, locking, gear knob	1	
130	AAU6867CAP	CAP, gear knob	1	
131	DAM2174	BODY, gear knob	1	
132	520999A	SWITCH, overdrive control	1	
133	520999C	SCREW	2	
134	153726	EXTENSION HARNESS, pair	1	

Note: Overdrive 'conversions' are frequently a desirable feature. 'J' type overdrive units can be fitted to a suitably prepared gearbox (see gearbox internal & overdrive unit sections, pages 41 & 45). It would be wise to make sure that the correct tower unit is to hand before progressing too far, as this may well be the 'hens teeth' of this enterprise.

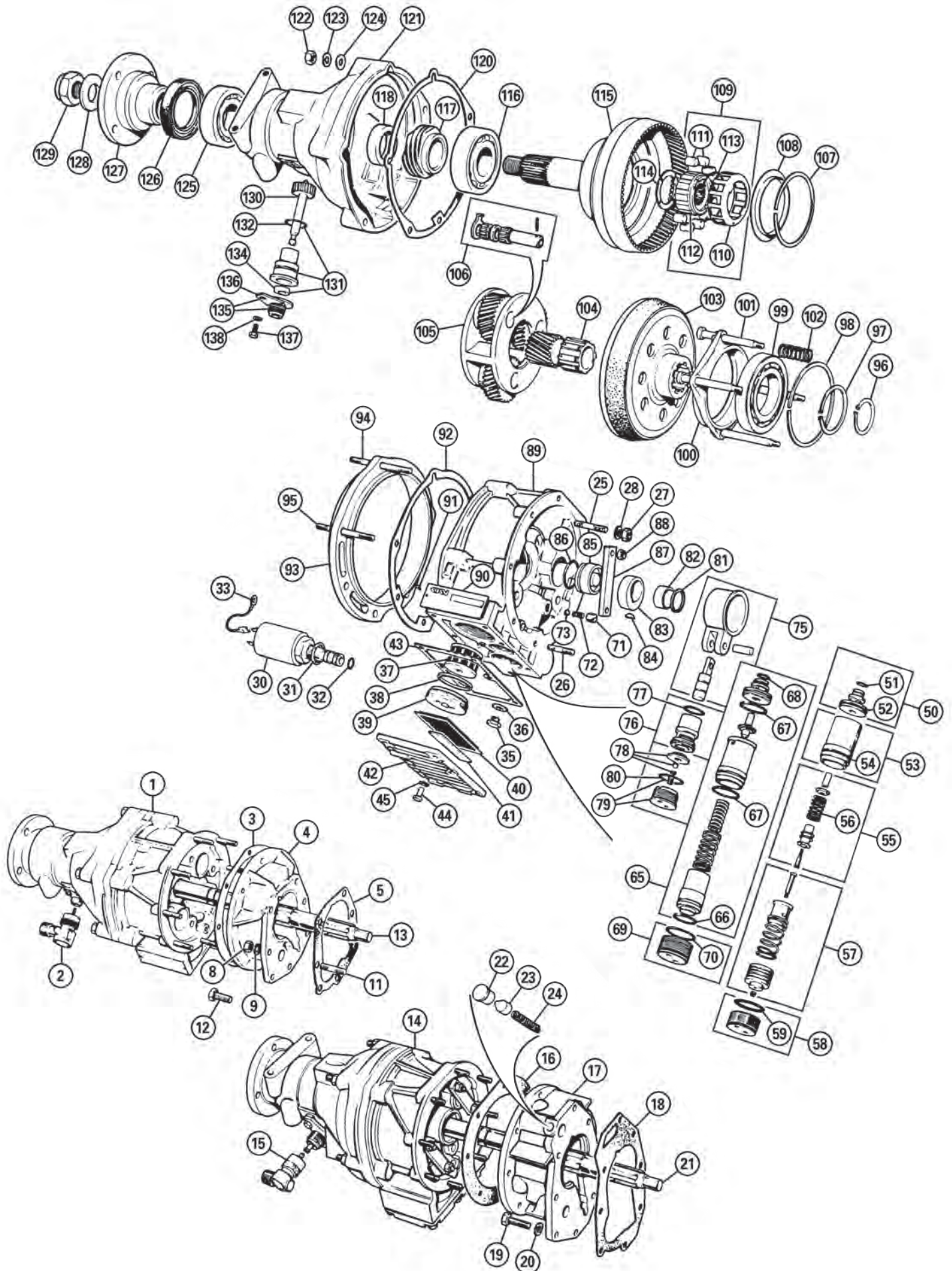


ill.	Part Number	Description	Req.	Details
Gearbox Mountings (All Models)				
140	TKC484	PLATFORM, rear engine mounting	1	non-overdrive
141	TKC1407	PLATFORM, rear engine mounting	1	overdrive
142	SH605051	SCREW, platform to chassis	4	
143	GHF332	WASHER, locking	4	
144	GHF201	NUT	4	
145	UKC3215	BRACKET, gearbox mounting	1	}
146	GHF301	WASHER, plain	2	
147	GHF332	WASHER, locking	2	
148	SH605051	SCREW, bracket to platform	2	non-overdrive models
149	22G2205	MOUNTING	2	
150	GHF301	WASHER, plain	2	
151	GHF332	WASHER, locking	2	
152	GHF201	NUT	2	}
153	159656Z	BRACKET & MOUNTING	1	
154	SH605061	SCREW, mounting to platform	2	
155	GHF301	WASHER, plain	2	overdrive models
156	GHF332	WASHER, locking	2	
157	GHF201	NUT	2	
158	SH506071	SCREW, mounting to overdrive	2	
159	GHF333	WASHER, locking	2	

ill.	Part Number	Description	Req.	Details



ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
Internal Gearbox (1500 - Single rail)					48	137532	SPRING*	3	
1	TKC1267	CONSTANT PINION SHAFT	1	to FR33414, (1st motion)	*Note: These springs control the end float of the laygear on its shaft, by pushing the front thrust washer against the laygear. Placing the springs in their respective holes in the gear case is the last job to be done prior to refitting the bell housing; it's very easy to forget them. Be warned!				
	TKC3259	CONSTANT PINION SHAFT	1	from FR33415, (1st motion)	49	113229	THRUST WASHER, front	1	
Note: TKC1267 has a scroll type oil seal; TKC3259 is machined plain to accommodate a rubber lip type seal.					50	119893	NEEDLE ROLLER, front	25	
2	106365	OIL THROWER	1		51	119891	RETAINING RING, front	2	
3	104433	BEARING, front main	1		52	154829	LAYGEAR CLUSTER, 15 teeth	1	for 21 tooth reverse gear
4	112654	CIRCLIP, snap ring	1			TKC5799	LAYGEAR CLUSTER, 13 teeth	1	for 17 tooth reverse gear
5	104438	THRUST WASHER	1	to (g) FR33414	53	119891	RETAINING RING, rear	2	
6	129839	CIRCLIP	1		54	119893	NEEDLE ROLLER, rear	25	
7	22G2840	SPACER, layshaft	1		55	106270	THRUST WASHER, rear	1	
8	13H9513	BEARING, constant pinion	1	1st to 3rd motion shaft	56	106477	SCREW, locating	1	
9	RKC722	MAINSHAFT	1	non-overdrive	57	GHF332	WASHER, locking	1	
10	RKC767	MAINSHAFT	1	overdrive	58	113071	SPINDLE, reverse gear	1	
11	BLS106	BALL BEARING	1		59	144580	GEAR, reverse idler, 21 teeth	1	
12	13H9513	BEARING, mainshaft	1			UKC8750	GEAR, reverse idler, 17 teeth	1	
13	22G2839	SPACER	1		60	104420	BUSH, in reverse gear	1	
14	22G2210	WASHER, radial grooved both sides	1		61	22G1435	SPACER	1	
15	104433	BEARING, rear main	1		62	CHM63	SELECTOR, reverse gear	1	
16	112654	CIRCLIP, snap ring	1		61	DAM1714	PIVOT PIN, reverse lever	1	
17	155805	THRUST WASHER, 0.120"	a/r		Assessment for Gearbox Overhaul				
	155806	THRUST WASHER, 0.123"	a/r		Oil in any machinery collects particles from the operating parts that it comes into contact with. Many engineering concerns use lubricating oil analysis at regular intervals to monitor the machinery's condition. In fact, with the oil laboratory's help and the applied knowledge of the mechanical engineer, machinery life expectancy and time period between overhauls can be established. Economically speaking, a piece of machinery can be withdrawn from service for bearing replacement before it actually fails and destroys other more expensive parts within the whole. This, in the case of an aircraft engine for example, will minimise in-service break downs and unscheduled power plant changes. Some motor car oil manufacturers offer lubricant analysis to users of their product.				
	155807	THRUST WASHER, 0.126"	a/r		Impending failures can be noted by increases of certain deposits in the analysed oil. The oil drained from your gearbox can be viewed in a less scientific manner, but still with an accent towards indicating any potential failure, or to give an idea of which item has failed within the gearbox and how it has failed.				
	155808	THRUST WASHER, 0.129"	a/r		A damaged component such as a synchro ring may prove relatively cheap to replace. The complete collapse of the mainshaft tip bearing or layshaft needle roller bearings is not. The inclusion of a magnetic drain plug in the sump of the gearbox is recommended; it will collect all the metallic particles that otherwise would circulate with the oil and further erode the wearing surfaces of all components.				
(The thrust washers (item 15) adjust the end float of the 1st speed gear).					So what do you look for in your oil when you have drained it into a clean container?				
18	CR620325	CIRCLIP	1		A light brassy coloured oil is nothing to worry about. However, brassy coloured lumps or pieces of yellow coloured metal probably indicates the failure of synchro rings, the plain bushes on the mainshaft or the thrust washers at each end of the laygear countershaft.				
19	22G1753	GEAR, speedo drive	1	non-overdrive	As with all things in life - you get what you pay for.				
20	155756	THRUST WASHER	1		A cheap reconditioned exchange gearbox is not necessarily as good as your own with the same amount spent on replacement parts. This said, if you are expecting to have to renew gear assemblies or sets of gears it may well prove economically more prudent to obtain a quality reconditioned exchange unit. Often, when gear set and shaft replacement is required the sum of the cost of the parts far exceeds the cost of the whole.				
(Drive flange to mainshaft).					The quality gearbox repairer knows what goes wrong and will replace items regardless of their condition, as he has to guarantee the finished unit. Similarly an experienced re-conditioner will have spares available to himself which are not always obtainable by the public. This is his trade and he will protect it to retain his position in the marketplace.				
21	155755	FLANGE, to prop shaft	1		When fitting a reconditioned exchange gearbox assembly do not forget that the unit is delivered without lubricating oil. The oil recommended is Hypoid 90 grade, as used in the rear axle assembly. As a useful tip, remember to slacken both the oil drain plug and filler plug prior to installation of the unit in the car. There is nothing more irritating than wanting to fill (or drain) a gearbox and then discovering that the plugs on the freshly fitted and now inaccessible unit were apparently installed by the world's strongest man! Afterwards, re-tighten both plugs to your chosen torque.				
22	2A7323	WASHER, plain	1		Bell Housing Drainage				
23	510618A	NUT, nyloc	1		Some (but apparently not all) 1500 gearbox bell housings have a small hole at the bottom, in which is a loosely fitted split pin, seemingly serving no purpose. In fact, this split pin (part no. PC39) is sitting in a drainage hole, and its mere presence dangling in the hole helps oil or water which may have found its way into the bell housing to drain out again, thus avoiding fluid build up in the environs of the clutch. Omit the split pin and the hole, devoid of the rattling bit which kept it clear, will quickly block up and fail to serve its purpose.				
24	22G2839	SPACER	1						
25	150328	SYNCHRO RING, 4th gear	1						
26	156968	SYNCHRO HUB, 3rd/4th gears	1						
27	037948	SHIM, under synchro spring*	a/r						
*Note: This shim is selectively fitted under each of the springs and balls in the two synchro hubs in the gearbox. Its use is to equalise the outward pressure of the balls in the hub. Equalising the pressure can only be achieved with special spring balance equipment, so it only remains to be said that if you have to take a hub apart for inspection or cleaning, make sure (by means of scribing identifying marks on non-working surfaces of the gear) that the correct shims go back in their respective holes. Along the same lines as the above, use corresponding scribed marks on the hub and outer ring to ensure that the ring is slipped back in place exactly as it was before (and the same way round!).									
28	104445	SPRING, in synchro hub	3						
29	BLS108	BALL BEARING, in synchro hub	3						
30	150328	SYNCHRO RING, 3rd gear	1						
31	TKC6444	CIRCLIP, mainshaft*	1						
*Note: This circlip must always be renewed when re-assembling the main gear cluster.									
32	159978	THRUST WASHER	1						
33	TKC3003	GEAR, 3rd speed	1						
34	147354	BUSH, 3rd gear	1						
35	UKC933	BUSH, 2nd gear	1						
36	TKC3002	GEAR, 2nd speed	1						
37	UKC934	THRUST WASHER, 0.199"	a/r						
	UKC935	THRUST WASHER, 0.203"	a/r						
	UKC936	THRUST WASHER, 0.205"	a/r						
	UKC937	THRUST WASHER, 0.208"	a/r						
(These washers are used to obtain the correct end float for 2nd and 3rd gears).									
38	150328	SYNCHRO RING, 2nd gear	1						
39	156911	SYNCHRO HUB, 1st & 2nd*	1	33 teeth					
	156911WO	OUTER RING, 1st & 2nd*	1	33 teeth					
	UKC8748	SYNCHRO HUB, 1st & 2nd*	1	29 teeth					
	UKC8748WO	OUTER RING, 1st & 2nd*	1	29 teeth					
*Note: 156911 & UKC8748 are only interchangeable if both laygear cluster & reverse idler are fitted at the same time. Once again, an exchange gearbox is advisable if damage is obvious here.									
40	037948	SHIM, in synchro hub	a/r						
41	106388	SPRING, in synchro hub	3						
42	BLS108	BALL BEARING, in synchro hub	3						
43	150328	SYNCHRO RING, 1st gear	1						
44	137834	COLLAR, split	2						
45	TKC3001	GEAR, 1st speed, bottom	1	alternatives					
46	144595	LAYSHAFT, genuine	1						
	144595Z	LAYSHAFT, aftermarket	1						
47	DS1908	ROLL PIN	1						



ill.	Part Number	Description	Req.	Details
'J' Type Overdrive				
Overdrive Assembly; for '3 Rail Gearbox'				
1	313305R	OVERDRIVE, reconditioned/exchange	1	
2	120694	ANGLE DRIVE, speedometer pinion	1	
3	37H1901	GASKET, o/drive to adaptor plate	1	
4	313085	ADAPTOR PLATE	1	
5	106437	GASKET, adaptor plate to gearbox	1	
8	GHF201	NUT	7/2	quantity decreases if item 12 is used
9	GHF332	WASHER, locking	7	
11	132115	STUD, extension to gearbox	7/2	
12	SH605071	SCREW	5	alternative to items 8 & 11
13	TKC899	MAINSHAFT	1	

Overdrive Assembly; for 'Single Rail Gearbox'

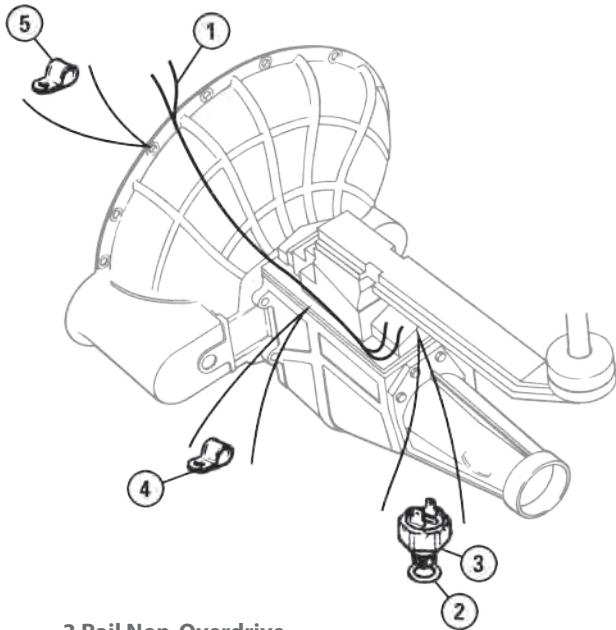
14	RKC688R	OVERDRIVE, reconditioned/exchange	1	
15	120694	ANGLE DRIVE, speedometer pinion	1	
16	37H1901	GASKET, o/drive to adaptor plate	1	
17	RKC634	ADAPTOR PLATE	1	
18	22G1420	GASKET, adaptor plate to gearbox	1	
19	UKC4811	SCREW, adaptor plate to gearbox	8	
20	GHF332	WASHER, locking	8	
21	RKC767	MAINSHAFT	1	'J' type overdrive
22	22G1947	PLUG, in adaptor plate	1	
23	22G1421	PLUNGER	1	
24	22G2198	SPRING	1	
25	NKC56	STUD, long	6	main housing to adaptor plate
26	37H1897	STUD, short	2	
27	GHF200	NUT	8	
28	GHF331	WASHER, locking	8	
30	NKC41	SOLENOID	1	
31	NKC108	WASHER, copper	1	
32	NKC107	'O' RING	2	
33	NKC67	EARTH WIRE, solenoid	1	
35	NKC97	SCREWED PLUG	1	
36	NKC96	WASHER, copper	1	
37	NKC23	FILTER, pressure	1	
38	NKC11	WASHER	1	
39	NKC24	PLUG, (threaded), filter	1	
40	NKC53	FILTER, suction, small inlet	1	
	NKC53X	FILTER, suction, large inlet	1	0.427"
41	37H1943	MAGNET SET	2	
42	NKC54	COVER, sump	1	
43	NKC76	GASKET, sump	1	
44	37H1946	SCREW, sump cover	6	
45	WE600041	WASHER, shakeproof	6	
50	NKC30	BODY, relief valve	1	
51	NKC102A	'O' RING, small	1	
52	NKC92	'O' RING, large	1	
53	NKC14	DASH POT SLEEVE	1	
54	NKC92	'O' RING	1	used in '3 rail' type overdrive (item 1)
55	NKC33	RELIEF VALVE	1	
56	NKC104	SPRING, relief valve	1	
57	NKC15	DASH POT PISTON	1	
58	NKC13	DASH POT PLUG KIT	1	
59	NKC91	'O' RING	1	
65	AAU1388	RELIEF VALVE KIT	1	
66	RTC1949	'O' RING, large	1	used in 'single rail' type overdrive (item 14)
67	NKC92	'O' RING, large	2	
68	NKC102A	'O' RING, small	1	
69	NKC13	DASH POT PLUG KIT	1	
70	NKC91	'O' RING	1	
71	NKC93	PLUG, relief valve	1	
72	NKC94	SPRING, relief valve	1	
73	BLS108	BALL	1	
75	NKC28	PUMP PLUNGER	1	
76	NKC25	PUMP BODY KIT	1	
77	37H1914	'O' RING	1	
78	NKC29A	NON-RETURN VALVE KIT	1	
79	NKC26A	PUMP PLUG KIT	1	
80	NKC101A	'O' RING	1	
81	22H228	CIRCLIP	1	
82	159503	SNAP RING	1	
83	159505	CAM, oil pump operating	1	
84	WKN304	WOODRUFF KEY	1	
85	NKC21	OPERATING PISTON	1	
86	NKC99A	'O' RING	1	
87	500587	BRIDGE BAR	2	
88	JS616A	LOCK NUT	4	
89	NKC19	MAIN HOUSING	1	supplied with items 25, 26, 71, 72, 73, 94, 95

ill.	Part Number	Description	Req.	Details
90	NKC66	NAMEPLATE	1	
91	NKC98	DRIVE SCREW, nameplate	2	
92	NKC86	GASKET	1	brake ring to main housing
93	NKC10	BRAKE RING	1	
94	NKC58	STUD, short	1	set of four
95	NKC59	STUD, long	1	set of two
96	NKC83	CIRCLIP, sun gear	1	
97	NKC85	CIRCLIP, clutch	1	
98	NKC84	SNAP RING, bearing	1	
99	NKC63	BEARING, clutch	1	
100	NKC62	BEARING HOUSING	1	
	NKC62R	BEARING HOUSING, reconditioned	1	
101	NKC109	BOLT	4	
102	NKC12	SPRINGS, set of four	1	
103	NKC40E	SLIDING MEMBER, (clutch)	1	
104	NKC55	SUN GEAR	1	
105	AEU1051	PLANET GEAR & CARRIER	1	
106	NKC22BK	BEARING & AXLE SET	1	
107	NKC77A	SNAP RING	1	
108	NKC20	OIL THROWER	1	
109	NKC17	FREEWHEEL UNIT	1	
110	BAU2061A	CAGE	1	uni-directional clutch rollers
111	506063A	ROLLERS, set of twelve	1	
112	NKC17	CLUTCH, inner member	1	
113	513208	SPRING, clutch retaining	1	
114	NKC79	THRUST WASHER	1	
115	NKC9	ANNULUS	1	
116	217325A	BEARING, annulus head	1	
117	NKC46	GEAR, speedometer drive	1	3.89:1 axle ratio
	NKC45	GEAR, speedometer drive	1	3.63:1 axle ratio
118	NKC78	SPACER, annulus shaft	1	
120	NKC87	GASKET, rear to main housing	1	
121	RTC1951	REAR HOUSING	1	for three rail gearbox
	AAU1387	REAR HOUSING	1	for single rail gearbox
122	GHF301	NUT	6	
123	GHF332	WASHER, locking	4	
124	500469	WASHER, plain	2	
125	SP75G	BEARING, rear of annulus shaft	1	
126	NKC39A	OIL SEAL	1	
127	160286	DRIVE FLANGE	1	
128	NKC82A	WASHER	1	
129	NKC81	NUT, nyloc	1	
130	NKC49	PINION, speedometer drive	1	3.89:1 axle ratio
	AEU1578	PINION, speedometer drive	1	3.63:1 axle ratio
131	NKC42	HOUSING, pinion	1	
132	NKC106	'O' RING	1	
134	NKC105A	OIL SEAL	1	
135	NKC43	RETAINER, pinion	1	
136	AAU1384	CLAMP, retainer	1	
137	SH604051	SCREW	1	
138	WE600041	WASHER, shakeproof	1	

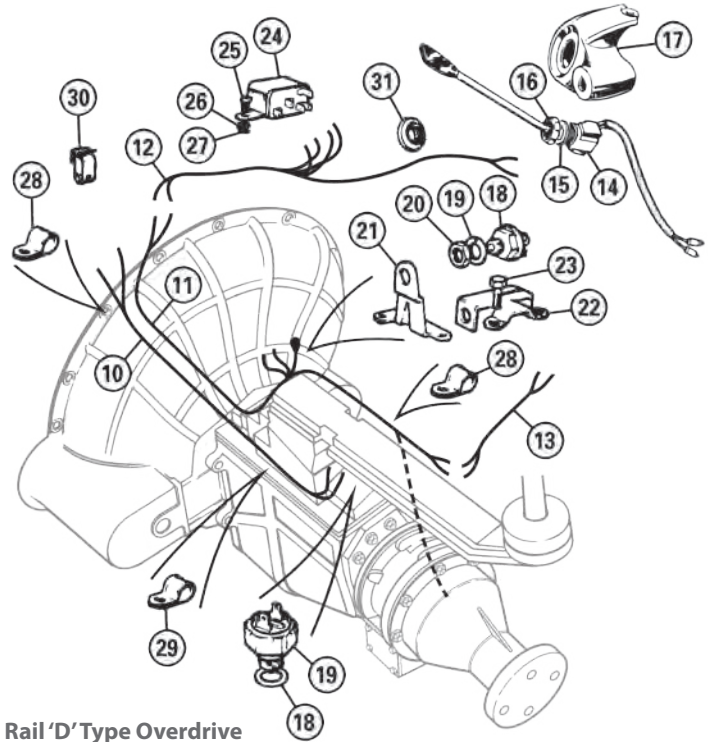
So Your Overdrive's Stopped Working

... and you'd prefer to explore some less expensive reasons for failure before looking up the price of a solenoid or overdrive unit. Check for the following easy-to-cure problems first (these are equally applicable to both 'D' and 'J' type fitted cars);

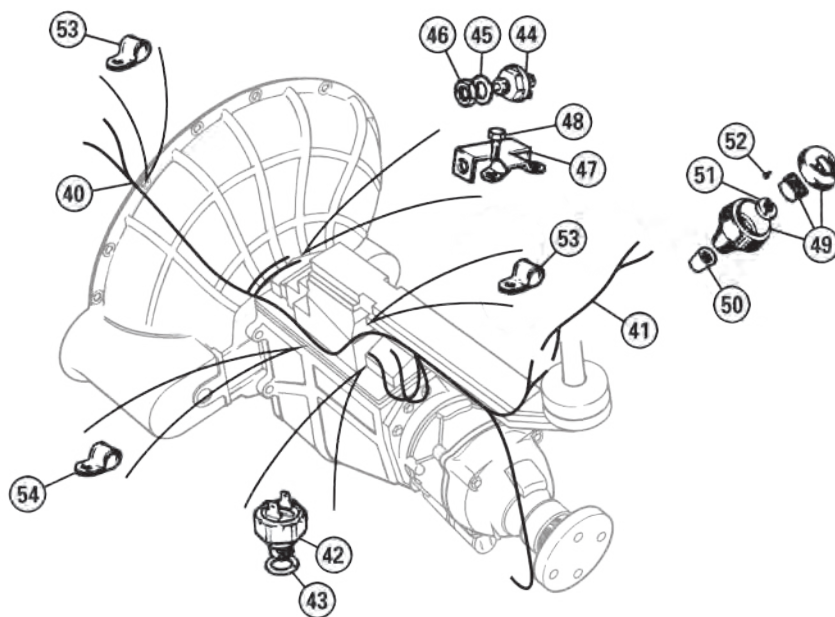
- 1) If you look at the gear knob switch you will notice that there are special connectors used on the gear lever harness which slide onto the switch fittings. The connectors are insulated from each other by means of the switch casing, however they do sometimes become disconnected through vibration and either earth out or break the circuit intermittently.
- 2) A short circuit caused by chaffing of the gear lever wires (153726) is a prevalent problem on all cars with gear knob mounted overdrive switches.
- 3) The overdrive may sometimes cease to work due to wear on the inhibitor switch ball end of the 3rd & 4th gear selector shaft. Removal of a spacing washer may cure this problem. Too few washers may load up the selector and 'stiffen' the gear change.
- 4) Remember the all important ingredient of an overdrive is oil. It is the operating medium as well as a lubricant. Under no circumstances should anti-friction additives be used in gearbox or overdrive oil. Hypoid oil should not be used even though it's recommended by Triumph (the gearbox maker). 'Laycock de Normanville' (the overdrive maker) specifically excludes oils with Hypoid additives from its lubrication chart.



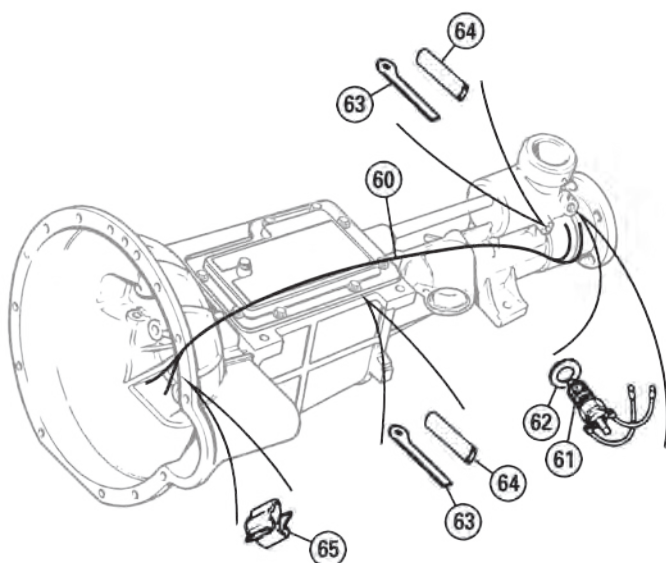
3 Rail Non-Overdrive



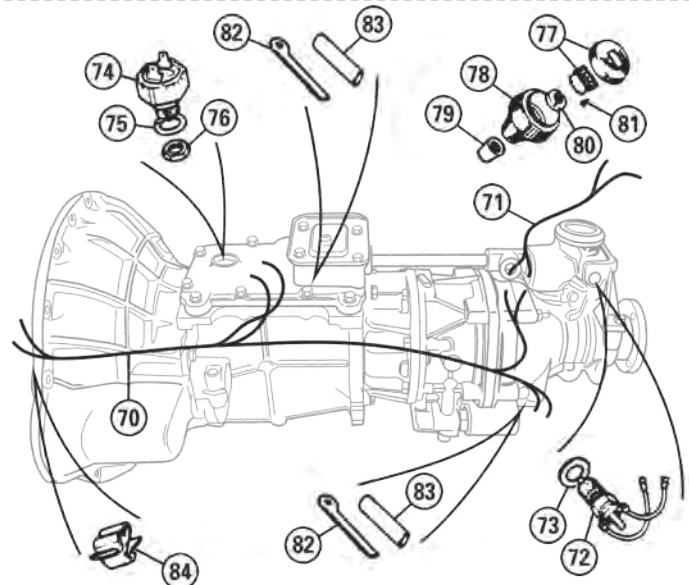
3 Rail 'D' Type Overdrive



3 Rail 'J' Type Overdrive



1500 Non-Overdrive



1500 'J' Type Overdrive

ill.	Part Number	Description	Req.	Details
Gearbox Electrics				
3 Rail Non-Overdrive Gearbox				
1	147777	HARNESS, reverse lamp switch	1	
	159653	HARNESS, reverse lamp switch	1	
2	1B3664	WASHER, spacing	a/r	
3	BAU1074Z	SWITCH, reverse lamps	1	
4	PCR509	CLIP, harness to gearbox top cover	1	
5	CP110125	CLIP, harness to bell housing	1	
3 Rail 'D' Type Overdrive Gearbox up to (c) FH60000				
10	147777	HARNESS, reverse lamp switch	1	MkI-III
	159653	HARNESS, reverse lamp switch	1	MkIV
11	138322	HARNESS, overdrive, on gearbox	1	MkI-III
	155985	HARNESS, overdrive, on gearbox	1	MkIV
12	138321	HARNESS, overdrive, on body	1	MkI-II
	147668	HARNESS, overdrive, on body	1	MkIII
	155983	HARNESS, overdrive, on body	1	MkIV
13	138323	HARNESS, overdrive extension	1	MkI-III RHS
14	147280	SWITCH, overdrive	1	MkI-III RHD, also USA
				& Canada
	147281	SWITCH, overdrive	1	MkI-III LHD, except USA
				& Canada
15	WF600091	WASHER, overdrive switch	1	
16	609792	BEZEL, overdrive switch	1	
17	611974	ESCUTCHEON, flasher & o/d switch	1	
18	1B3664	WASHER, spacing	a/r	
19	BAU1074Z	SWITCH, overdrive inhibitor	2	also reverse lamps
20	059474	NUT, switch securing	1	
21	133770	BRACKET, inhibitor switch	1	to FH31846
22	158002	BRACKET, inhibitor switch	1	from FH31847
23	SH604071	SCREW, bracket to gearbox	2	
24	142169A	RELAY, overdrive	1	
25	GHF425	SCREW, self tapping	2	
26	WL700101	WASHER, locking	2	
27	PWZ203	WASHER, plain	2	
28	CP110125	CLIP, harness securing	2	
29	PCR509	CLIP, harness securing	1	
30	618511	CLIP, harness to bulkhead	1	
31	061917	GROMMET, bulkhead	1	

3 Rail 'J' Type Overdrive Gearbox from (c) FH60001 to (c) FH62644

'J' Type overdrive equipped Spitfires built in this period (beginning of 1974 model year) used two harnesses on the gearbox (one for reverse lights, the other for overdrive) plus two sets of wires running from the car body to supply the two systems. All later 1300 'J' type overdrive cars (c) FH62645 onwards) had just one set of supply wires on the body, plus one dual purpose harness on the gearbox (item 40 on this page). This harness may be easily installed on the earlier cars by simply connecting it to the reverse lamp circuit wires hanging on the bulkhead, just to the left of the front of the gearbox tunnel (the wires are green and green/brown). The overdrive supply wires on the car body will now be redundant. All switches, brackets & clips are as per the '(c) FH62645 onwards' section.

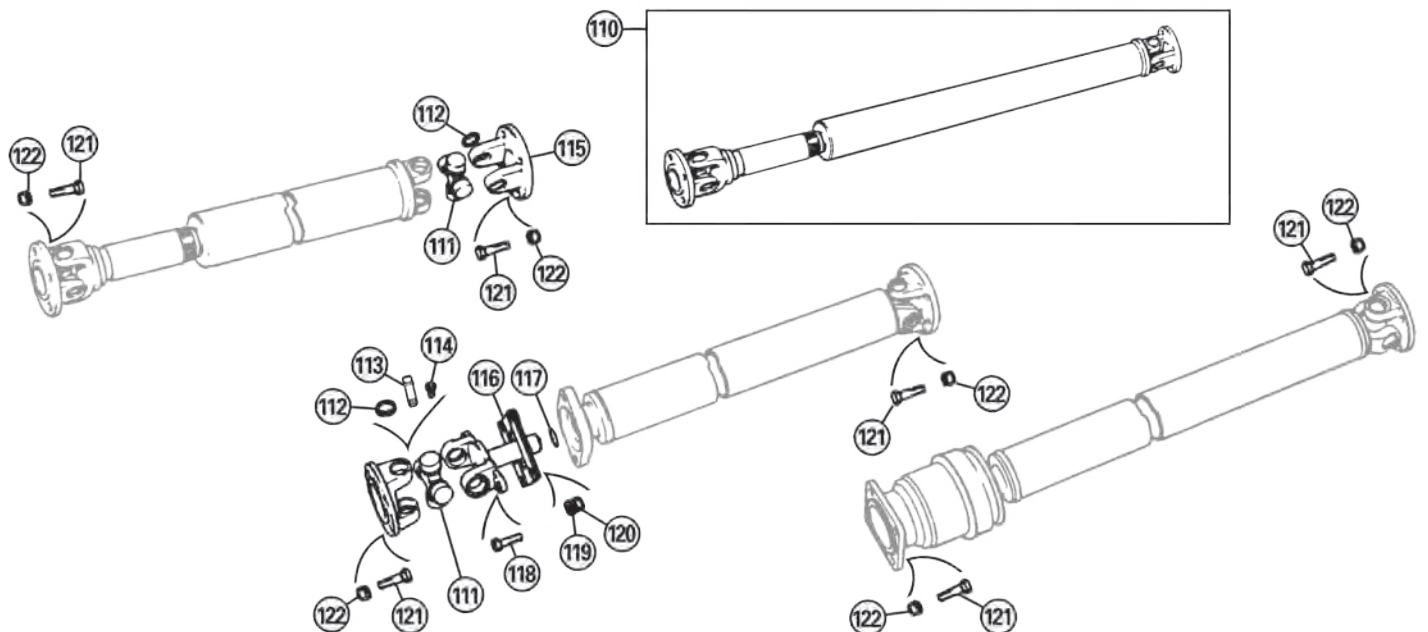
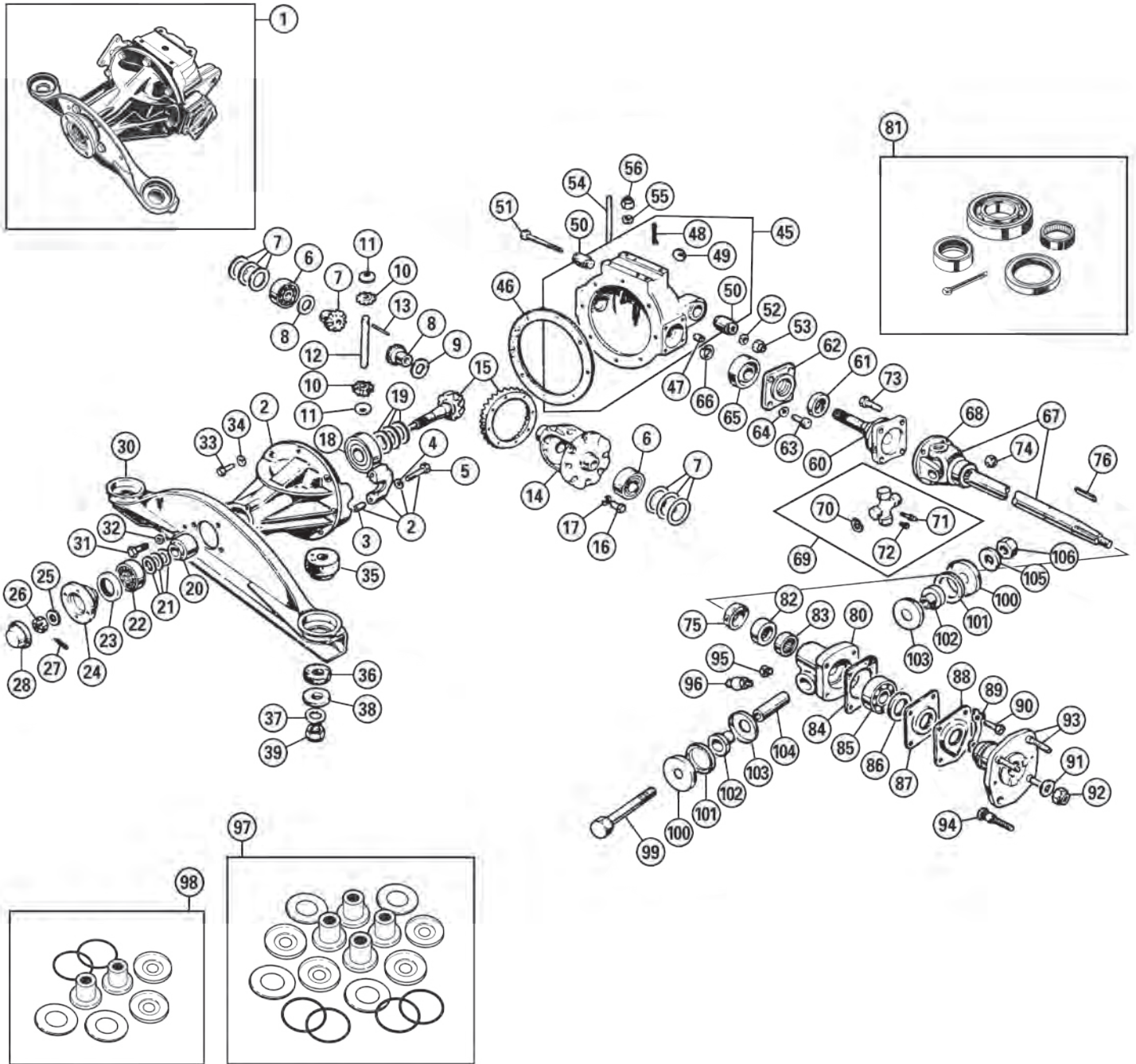
3 Rail 'J' Type Overdrive Gearbox from (c) FH62645

40	159653	HARNESS, overdrive & reverse lamp	1	
41	153726	HARNESS, extension, overdrive	1	in gear lever
42	BAU1074Z	SWITCH, reverse lamps	1	
43	1B3664	WASHER, spacing	a/r	
44	BAU1074Z	SWITCH, inhibitor, overdrive	1	
45	1B3664	WASHER, spacing	1	
46	059474	NUT, switch securing	1	
47	158002	BRACKET, inhibitor switch	1	
48	SH604071	SCREW, bracket to gearbox	2	
49	155030	KNOB, gear lever & switch	1	
50	C30505A	NUT, locking, chrome	1	
51	C30623	NUT, locking, for knob	1	
52	520999C	SCREW, holding switch	2	
53	CP110125	CLIP, harness securing	2	
54	PCR509	CLIP, harness securing	1	

1500 Non-Overdrive Gearbox

60	UKC4612	HARNESS, reverse lamp switch	1	
61	GAE191A	SWITCH, reverse lamps	1	
62	GHF302	WASHER, spacing	a/r	
63	ULC1178	CLIP, harness to gearbox	2	
64	503213	SLEEVE, insulating, for clip	2	
65	618511	CLIP, harness to bulkhead	1	

ill.	Part Number	Description	Req.	Details
1500 'J' Type Overdrive Gearbox				
70	UKC4612	HARNESS, overdrive & reverse lamp	1	
71	153726	HARNESS, extension, overdrive	1	in gear lever
72	GAE191A	SWITCH, reverse lamps	1	
73	GHF302	WASHER, spacing	a/r	
74	BAU1074Z	SWITCH, inhibitor, overdrive	1	
75	1B3664	WASHER, spacing	a/r	
76	059474	NUT, switch securing	1	
77	AAU6867CAP	CAP & SWITCH, gear knob	1	
78	DAM2174	BODY, gear knob	1	
79	C30505A	NUT, locking, chrome	1	
80	C30623	NUT, locking, gear knob	1	
81	520999C	SCREW	2	
82	ULC1178	CLIP, harness to gearbox	2	
83	503213	SLEEVE, insulating, for clip	2	
84	618511	CLIP, harness to bulkhead	1	



ill.	Part Number	Description	Req.	Details
Differential & Propshaft				
Differential Units - Exchange				
1	516653R	DIFFERENTIAL ASSEMBLY, 4.11:1 (Reconditioned with existing CW&P).	1	MkI-III
	RTC2305RX	DIFFERENTIAL ASSEMBLY, 3.89:1 (Reconditioned with new CW&P).	1	MkIV
	TKC3718RX	DIFFERENTIAL ASSEMBLY, 3.63:1 (Reconditioned with new CW&P).	1	1500
	TKC5240R	DIFFERENTIAL ASSEMBLY, 3.27:1 (Reconditioned with existing CW&P).	1	Switzerland only

Note: The above differential assemblies come built up in an axle case and reconditioned/exchange units. They do not come with hubs, drive shafts or brake assemblies. We are only able to exchange differentials for reconditionable units of the same type and ratio. Units found to be not reconditionable will either be returned or surcharged according to the customers wishes.

Differential & Axle Components

2	509815	CASING, differential	1	MkI-III
	518949	CASING, differential	1	MkIV-1500
3	060070	BUSH, bearing cap alignment	4	
4	GHF333	WASHER, spring	4	
5	104554	BOLT, attaching bearing cap	4	
6	130355	BEARING, inner, diff carrier	2	MkI-III
	GHBI105	BEARING, inner, diff carrier	2	MkIV-1500 to
	GHBI105Z	BEARING, inner, diff carrier, aftermarket	2	(c) FH106101
	UKC4805	BEARING, inner, diff carrier	2	1500 from (c) FH106101
7	123813	SHIM, carrier side, 0.009"	a/r	MkI-III adjustment
	123814	SHIM, carrier side, 0.013"	a/r	
	123815	SHIM, carrier side, 0.014"	a/r	
	123817	SHIM, carrier side, 0.020"	a/r	
	156082	SHIM, carrier side, 0.003"	a/r	MkIV-1500 adjustment
	156083	SHIM, carrier side, 0.005"	a/r	
	154921	SHIM, carrier side, 0.010"	a/r	
	154925	SHIM, carrier side, 0.020"	a/r	
8	108979	SUN WHEEL, differential	2	MkI-III to (c) FD22570
	134073	SUN WHEEL, differential	2	MkIII from (c) FD22571 to 1500 (c) FH106101
	UKC6281	SUN WHEEL, differential	2	1500 from (c) FH106102
9	104570	THRUST WASHER, sun wheel	2	MkI-III to (c) FD22570
	ATA7039	THRUST WASHER, sun wheel, 0.035"	2	
	ATA7039/040	THRUST WASHER, sun wheel, 0.040"	2	MkIII from (c) FD22571
	ATA7039/042	THRUST WASHER, sun wheel, 0.042"	2	to 1500
	ATA7039/046	THRUST WASHER, sun wheel, 0.046"	2	
	ATA7039/048	THRUST WASHER, sun wheel, 0.048"	2	
10	104571	PLANET GEAR, differential	2	MkI-III to (c) FD22570
	134074	PLANET GEAR, differential	2	MkIII from (c) FD22571 to 1500 (c) FH106101
	UKC3365	PLANET GEAR, differential	2	1500 from (c) FH106102
11	104572	THRUST WASHER, planet gear, 0.036"a/r	a/r	MkI-III to (c) FD22570
	108935	THRUST WASHER, planet gear, 0.040"a/r	a/r	
	108936	THRUST WASHER, planet gear, 0.044"a/r	a/r	
	108937	THRUST WASHER, planet gear, 0.048"a/r	a/r	
	108938	THRUST WASHER, planet gear, 0.052"a/r	a/r	
	108939	THRUST WASHER, planet gear, 0.052"a/r	a/r	
	138440	THRUST WASHER, planet gear, 0.027"a/r	a/r	
	147249	THRUST WASHER, planet gear, 0.029"a/r	a/r	
	134076	THRUST WASHER, planet gear, 0.031"a/r	a/r	
	147250	THRUST WASHER, planet gear, 0.033"a/r	a/r	
	138441	THRUST WASHER, planet gear, 0.035"a/r	a/r	MkIII from (c) FD22571 to 1500 (c) FH106101
	147251	THRUST WASHER, planet gear, 0.037"a/r	a/r	
	138442	THRUST WASHER, planet gear, 0.039"a/r	a/r	
	148805	THRUST WASHER, planet gear, 0.041"a/r	a/r	
	147252	THRUST WASHER, planet gear, 0.043"a/r	a/r	
	UKC4788	THRUST WASHER, planet gear, 0.027"a/r	a/r	
	UKC4789	THRUST WASHER, planet gear, 0.029"a/r	a/r	
	UKC4790	THRUST WASHER, planet gear, 0.031"a/r	a/r	
	UKC4791	THRUST WASHER, planet gear, 0.033"a/r	a/r	
	UKC4792	THRUST WASHER, planet gear, 0.035"a/r	a/r	
	UKC4793	THRUST WASHER, planet gear, 0.037"a/r	a/r	1500 from (c) FH106102
	UKC4794	THRUST WASHER, planet gear, 0.039"a/r	a/r	
	UKC4795	THRUST WASHER, planet gear, 0.041"a/r	a/r	
	UKC4796	THRUST WASHER, planet gear, 0.043"a/r	a/r	
	ULC2029	THRUST WASHER, planet gear, 0.045"a/r	a/r	
	ULC2030	THRUST WASHER, planet gear, 0.047"a/r	a/r	
12	104573	CROSS PIN, differential	1	MkI-III to (c) FD22570
	134072	CROSS PIN, differential	1	MkIII from (c) FD22571 to 1500 (c) FH106101
	UKC4493	CROSS PIN, differential	1	1500 from (c) FH106102
		(The later cross pin UKC4493 can be used to replace the earlier type).		
13	110376	PIN, locking cross pin, solid type	1	MkI to 1500 (c) FH106101
	UKC3948	PIN, locking cross pin, scroll type	1	1500 from (c) FH106102

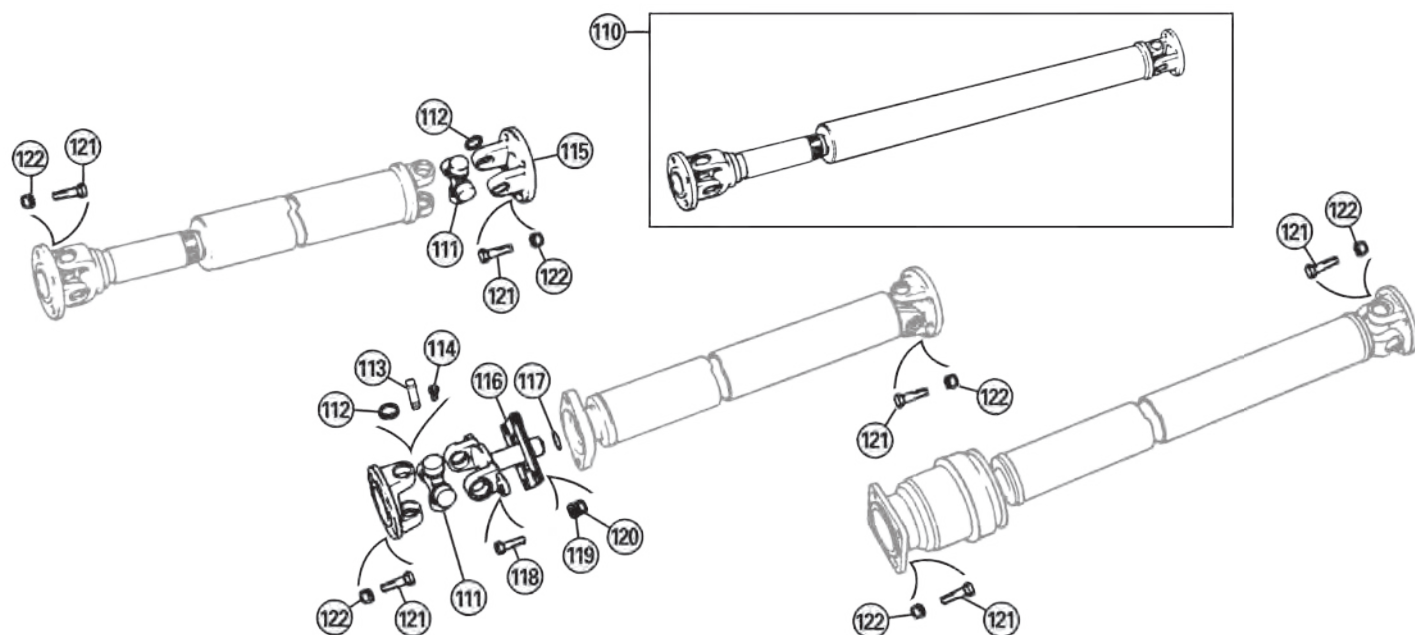
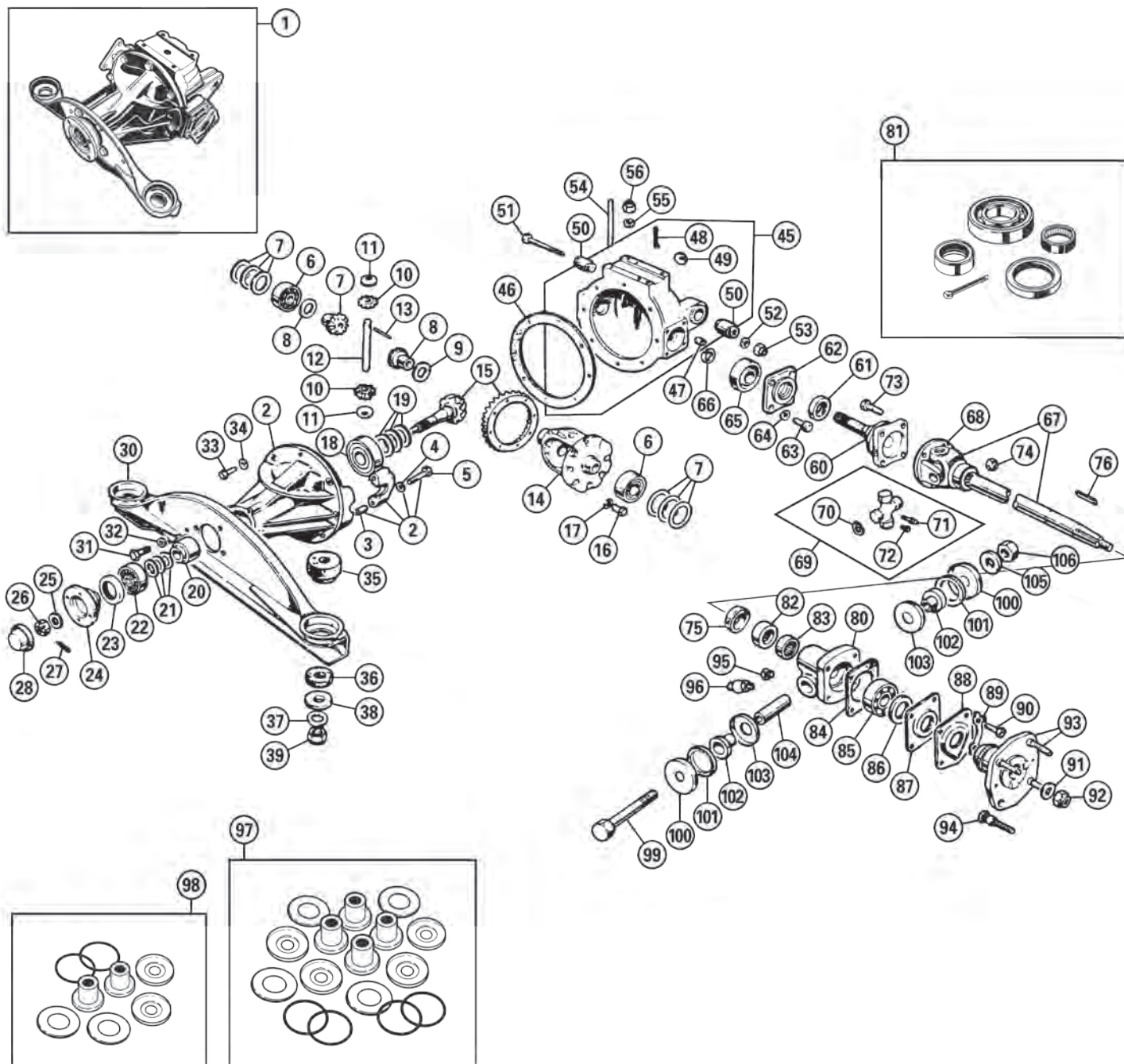
ill.	Part Number	Description	Req.	Details
14	304982	CARRIER, differential & crown wheel	1	MkI-III to (c) FD22570
	305778	CARRIER, differential & crown wheel	1	MkIII from (c) FD22571
	21H5478	CARRIER, differential & crown wheel	1	MkIV-1500 to (c) FH106101
	RKC1983	CARRIER, differential & crown wheel	1	1500 from (c) FH106102
	RKC2802	CARRIER, differential & crown wheel	1	Switzerland only with 3.27:1 ratio from FH126380

Note: Sun & planet gears must be fitted in type sets. Early ones can be mixed and run with later ones, but not for very long!

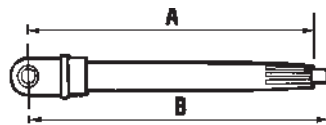
15	510005	CROWN WHEEL & PINION (4.11:1, solid bearing spacer).	1	MkI-III, except LHD European MkIII without overdrive
		Note: This crown wheel & pinion will only fit the later (MkIV-1500) casings, will not fit early (MkI-III) casings.		
	514201	CROWN WHEEL & PINION (3.89:1, solid bearing spacer).	1	MkIII, LHD European MkIII without overdrive
	518844	CROWN WHEEL & PINION (3.89:1, solid bearing spacer).	1	MkIV to mid 1973
	159801	CROWN WHEEL & PINION (3.89:1, collapsible bearing spacer).	1	MkIV from mid 1973
	159802	CROWN WHEEL & PINION (3.63:1).	1	1500 except Switzerland
	159803	CROWN WHEEL & PINION (3.27:1).	1	Switzerland only from (c) FH126380

Note: When replacing crown wheel & pinion sets ensure the correct spacer is used, i.e. solid or collapsible type.

16	129781	BOLT, crown wheel to carrier	8	MkI-III
	21H5479	BOLT, crown wheel to carrier	8	MkIV-1500 except Switzerland from (c) FH125380
	144668	BOLT, crown wheel to carrier	8	Swiss from (c) FH126380 with 3.27:1 CW&P ratio
17	118977A	WASHER, locking	8	
18	104556	BEARING, pinion head	1	MkI-III
	134065	BEARING, pinion head	1	MkIV-1500
19	100562	SHIM, pinion head bearing, 0.003"	a/r	MkI-III
	100563	SHIM, pinion head bearing, 0.005"	a/r	
	100564	SHIM, pinion head bearing, 0.010"	a/r	
	145926	SHIM, pinion head bearing, 0.087"	a/r	
	145927	SHIM, pinion head bearing, 0.0885"	a/r	
	145928	SHIM, pinion head bearing, 0.090"	a/r	
	145929	SHIM, pinion head bearing, 0.0915"	a/r	MkIV-1500
	145930	SHIM, pinion head bearing, 0.093"	a/r	
	145931	SHIM, pinion head bearing, 0.0945"	a/r	
	145932	SHIM, pinion head bearing, 0.096"	a/r	
	145918	SHIM, pinion head bearing, 0.075"	a/r	
	145919	SHIM, pinion head bearing, 0.0765"	a/r	
	148099	SHIM, pinion head bearing, 0.077"	a/r	
	145920	SHIM, pinion head bearing, 0.078"	a/r	
	148100	SHIM, pinion head bearing, 0.079"	a/r	
	145921	SHIM, pinion head bearing, 0.0795"	a/r	
	148101	SHIM, pinion head bearing, 0.080"	a/r	1500
	145922	SHIM, pinion head bearing, 0.081"	a/r	
	148102	SHIM, pinion head bearing, 0.082"	a/r	
	145923	SHIM, pinion head bearing, 0.0825"	a/r	
	148103	SHIM, pinion head bearing, 0.083"	a/r	
	145924	SHIM, pinion head bearing, 0.084"	a/r	
	148104	SHIM, pinion head bearing, 0.085"	a/r	
	145925	SHIM, pinion head bearing, 0.0855"	a/r	
	148105	SHIM, pinion head bearing, 0.086"	a/r	
20	110907	SPACER, solid	1	MkI-III
	145933	SPACER, solid	1	MkIII LHD European without overdrive
	156903	SPACER, collapsible	1	MkIV-1500
21	104561	SHIM, pinion nose, 0.010"	a/r	MkI-III
	104562	SHIM, pinion nose, 0.003"	a/r	
	104563	SHIM, pinion nose, 0.005"	a/r	
	140790	SHIM, pinion nose, 0.030"	a/r	
	140791	SHIM, pinion nose, 0.010"	a/r	MkIV-1500
	140792	SHIM, pinion nose, 0.005"	a/r	
	140793	SHIM, pinion nose, 0.003"	a/r	
	140794	SHIM, pinion nose, 0.003"	a/r	
22	104557	BEARING, pinion nose, outer	1	MkI-III
	217268	BEARING, pinion nose, outer	1	
	BTB440	BEARING, pinion nose, outer	1	MkIV-1500
23	109054	SEAL, pinion flange	1	MkI-III
	DAM5079	SEAL, pinion flange	1	MkIV-1500
24	121770	DRIVE FLANGE	1	MkI-III
	140913	DRIVE FLANGE	1	MkIII LHD European without overdrive
	153677	DRIVE FLANGE	1	MkIV to 1973
	UKC764	DRIVE FLANGE	1	MkIV from 1973 & 1500



ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
25	WA600091	WASHER, plain	1	Mkl-III	73	129361	BOLT, output shaft to driveshaft flange	8	Mkl-III
	2A7323	WASHER, plain	1	MkIV-1500		132023	BOLT, output shaft to driveshaft flange	8	MkIV-1500
26	109049	NUT, pinion flange, slotted	1	Mkl-III	74	GHF272	NUT, nyloc	8	Mkl-III
	112635	NUT, pinion flange, slotted	1	MkIV to mid 1973		GHF273	NUT, nyloc	8	MkIV-1500
	510618A	NUT, pinion flange, nyloc	1	MkIV from mid 1973 & 1500	75	128469	STONE GUARD, drive shaft	2	
27	GHF502	SPLIT PIN, nut retaining	1	Mkl-III	76	104581	KEY, drive shaft to drive flange	2	
	GHF502	SPLIT PIN, nut retaining	1	MkIV with slotted nut	80	204226	HOUSING, hub bearing, rear	2	
28	UKC725	SHIELD, over pinion nut	1	MkIV from mid 1973 & 1500	81	GHK1029	HUB BEARING KIT, rear	2	
30	209333	BRACKET, front mounting	1	Mkl to (c) FC27520	82	128978	SEAL, inner	2	
	211544	BRACKET, front mounting	1	Mkl from (c) FC27521 to MkIII (c) FC128021	83	117853	BEARING, needle roller, inner	2	
	215539	BRACKET, front mounting	1	MkIII from (c) FC128022	84	GFG117	GASKET, hub flange	2	
	215537	BRACKET, front mounting	1	MkIV-1500	85	GHB117	BEARING, outer	2	
31	132856	BOLT, mounting bracket	4		86	GHS111	SEAL, outer	2	
32	GHF324	WASHER, shakeproof	4		87	104773	PLATE, seal housing & bearing retaining	2	
33	GHF103	SCREW, casing	8		88	104582	SHIELD, retaining grease	2	
34	GHF332	WASHER, spring	8		89	121860	LOCK TAB, rear hub	4	
35	133568	BUSH, diff mounting, front upper, rubber	2		90	112653	BOLT, plate & shield to hub housing	8	alternatives
	133568SPK	BUSH SET, diff mounting, front upper, poly	1	2 bushes		GHF103	SCREW, plate & shield to hub housing	8	
36	131796	BUSH, diff mounting, front lower, rubber	2		91	2A7323	WASHER, hub nut to drive flange	2	
	131796SPK	BUSH SET, diff mounting, front lower, poly	1	2 bushes	92	510618A	NUT, pinion flange, nyloc	2	
37	WM810	WASHER, plain, diff mounting	2		93	FAM2004	DRIVE FLANGE, with studs	2	
38	CRC3343	WASHER, LH side only	1		94	21H5774	STUD, rear wheel	8	
39	GHF273	NUT, nyloc	2		95	122115	PLUG, lubrication	2	blanks rear lubrication hole
45	209936	CASING, differential, rear	1	Mkl-III to (c) FD22570	96	056935	GREASE NIPPLE	2	
	516817	CASING, differential, rear	1	MkIII from (c) FD22571	97	514370	BUSH SET, trunnion, car set	1	one per car
	TKC220	CASING, differential, rear	1	MkIV-1500	98	514370Z	BUSH SET, trunnion, per side	2	one per side
46	114749	GASKET, differential casing	1		99	BH607281	BOLT, trunnion pivot	2	
47	114774	PLUG, oil filler	1		100	141443	WASHER, outer	4	
48	GHF502	SPLIT PIN, breather	1		101	142387	SEALING RING	4	
49	51K3424	CORE PLUG, 5/8" diameter	1		102	141218	BUSH, trunnion, rear, nylon	4	
50	117578Z	BUSH, diff mounting rear	2			141218SPK	BUSH SET, trunnion, rear, poly	1	(Includes: 4 bushes & 2 tubes).
	117578SPK	BUSH SET, diff mounting rear, poly	1		103	141444	WASHER, inner	4	
		(Includes: 4 bushes & 2 tubes).			104	141221	SPACER, rear trunnion, steel	2	
51	136869	BOLT, rear differential mounting	1		105	WD600071	WASHER, plain	2	
52	GHF303	WASHER, plain	1		106	GHF224	NUT, nyloc	2	
53	GHF274	NUT, nyloc	1						
54	136818	STUD, rear spring	6	Mkl-III					
	131008	STUD, rear spring	4	MkIV-1500					
55	WB110061	WASHER, plain	4/6	spring to stud in diff casing					
56	GHF273	NUT, nyloc	4/6						
60	132649	OUTPUT SHAFT, axle	2	Mkl-III to (c) FD22570					
	149117	OUTPUT SHAFT, axle	2	MkIII from (c) FD22571					
	139531	OUTPUT SHAFT, axle	2	MkIV-1500					
61	117952	SEAL, output shaft to diff casing	2		110	210508	PROPSHAFT, sliding spline	1	Mkl-III non overdrive
62	117547	RETAINER, seal to bearing	2	Mkl-III to (c) FD22570		218952	PROPSHAFT, sliding spline	1	Mkl-III overdrive
	139530	RETAINER, seal to bearing	2	MkIII from (c) FD22571 to 1500		TKC1753Z	PROPSHAFT, sliding spline	1	MkIV, 3 rail, non-overdrive
						PKC1466Z	PROPSHAFT, sliding spline	1	MkIV 3 rail overdrive, 1500 single rail non-overdrive
63	123803	SCREW, socket headed	8			PKC1467Z	PROPSHAFT, sliding spline	1	1500 single rail overdrive
64	GHF331	WASHER, spring	8		111	GUJ115	UNIVERSAL JOINT, greaseable	2	
65	157732	BEARING, output shaft	2	Mkl-III to (c) FD22570		GUJ115Z	UNIVERSAL JOINT, greaseable	2	aftermarket
	533360A	BEARING, output shaft	2	MkIII from (c) FD22571 to 1500		GUJ101	UNIVERSAL JOINT, sealed	2	
66	132650	CIRCLIP, bearing to output shaft	2	Mkl-III up to (c) FD22570		GUJ101Z	UNIVERSAL JOINT, sealed	2	aftermarket
	139532	CIRCLIP, bearing to output shaft	2	MkIII from (c) FD22571 to 1500	112	144101	CIRCLIP, universal joint retaining	4/8	included with UJ
					113	7H3858	GREASE NIPPLE	1/2	
67	128135	DRIVE SHAFT & YOKE	2	Mkl-IV to (c) FH50000	114	SK604030	PLUG	1/2	replaces grease nipple between services
	155928	DRIVE SHAFT & YOKE	2	MkIV from (c) FH50001 & 1500					



Spitfire Driveshaft Lengths	Part No	Dimension A	Dimension B
	128135	18.5"	19.5"
	155928	19.5"	20.5"

68	128136	YOKE, drive flange, front	2	Mkl-III
	37H4973	YOKE, drive flange, front	2	MkIV-1500
69	GUJ115	UNIVERSAL JOINT, greaseable	2	
	GUJ115Z	UNIVERSAL JOINT, greaseable	2	aftermarket
	GUJ101	UNIVERSAL JOINT, sealed	2	
	GUJ101Z	UNIVERSAL JOINT, sealed	2	aftermarket
70	144101	CIRCLIP, universal joint retaining	8	
71	7H3858	GREASE NIPPLE	a/r	inc. with GUJ115 & GUJ115Z
72	SK604030	PLUG	2	replaces grease nipple between services

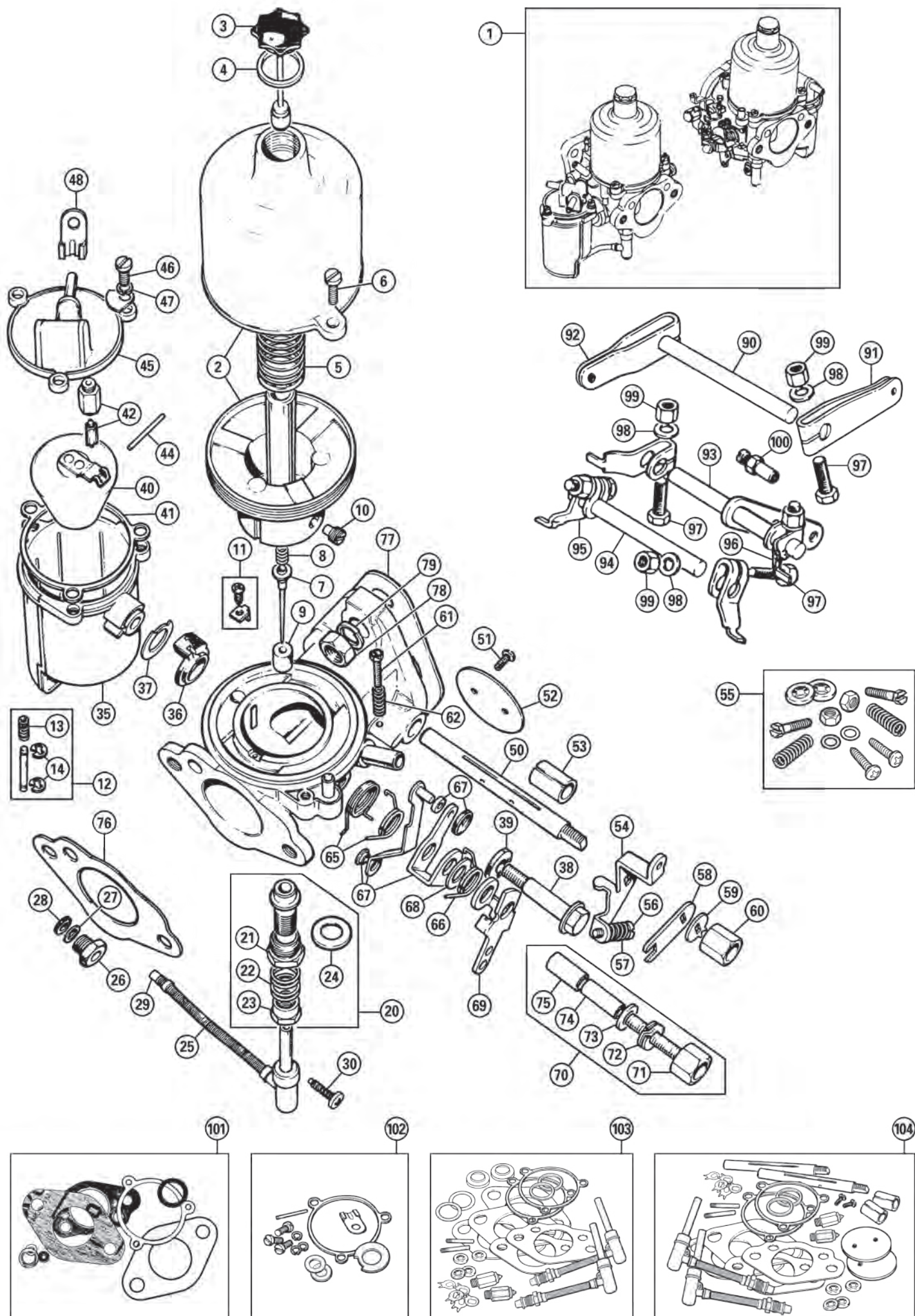
Propshaft

There were three designs for propshafts each with two different lengths. The changes in length were for overdrive or non-overdrive versions. The constructional differences were sliding spline, strap drive and frictionless pot joint. Triumph finally ended up using the frictionless pot joint type in different lengths to service all cars. We offer an aftermarket sliding spline propshaft unit for each application.

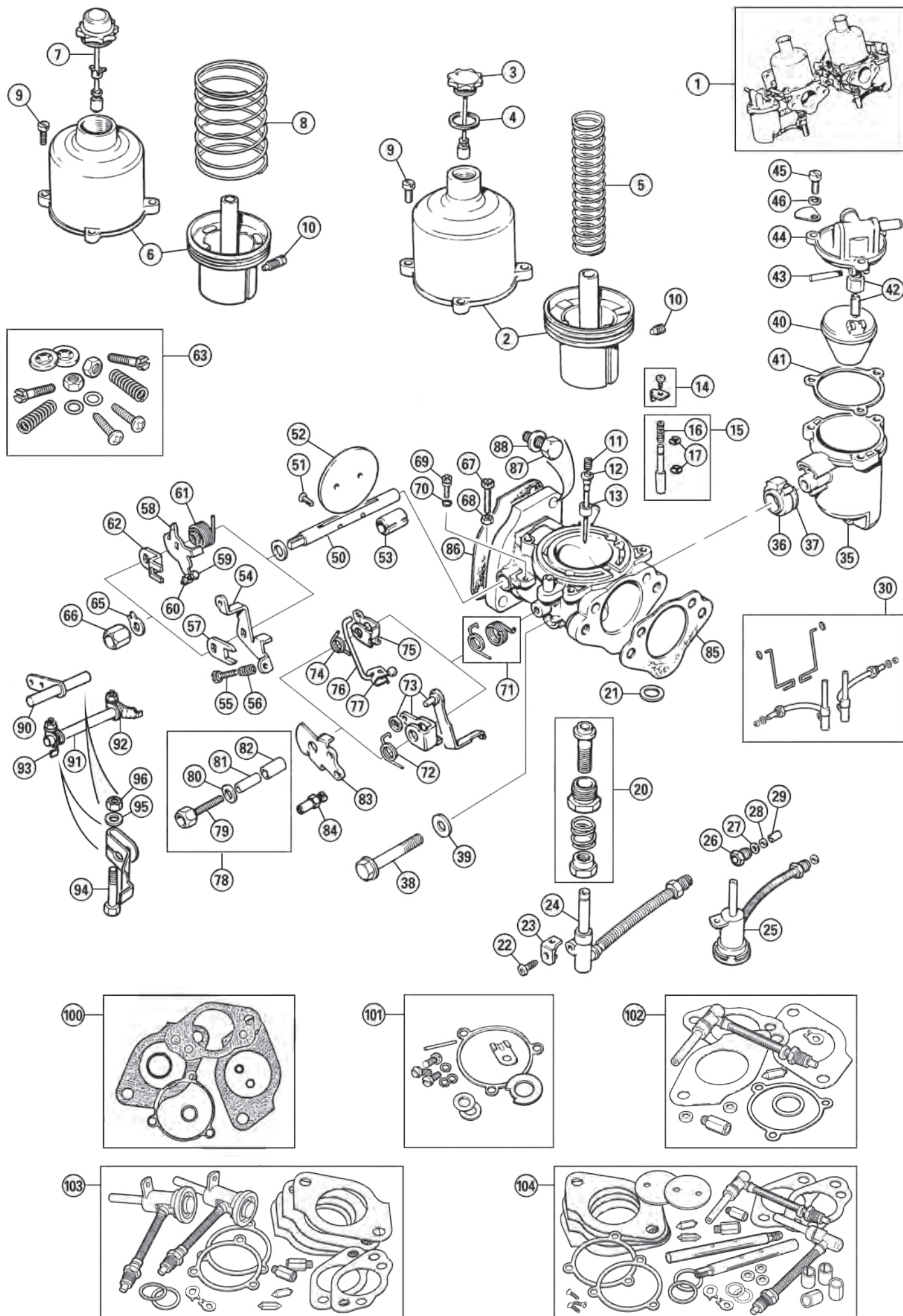
110	210508	PROPSHAFT, sliding spline	1	Mkl-III non overdrive
	218952	PROPSHAFT, sliding spline	1	Mkl-III overdrive
	TKC1753Z	PROPSHAFT, sliding spline	1	MkIV, 3 rail, non-overdrive
	PKC1466Z	PROPSHAFT, sliding spline	1	MkIV 3 rail overdrive, 1500 single rail non-overdrive
	PKC1467Z	PROPSHAFT, sliding spline	1	1500 single rail overdrive
111	GUJ115	UNIVERSAL JOINT, greaseable	2	
	GUJ115Z	UNIVERSAL JOINT, greaseable	2	aftermarket
	GUJ101	UNIVERSAL JOINT, sealed	2	
	GUJ101Z	UNIVERSAL JOINT, sealed	2	aftermarket
112	144101	CIRCLIP, universal joint retaining	4/8	included with UJ
113	7H3858	GREASE NIPPLE	1/2	
114	SK604030	PLUG	1/2	replaces grease nipple between services
115	128136	YOKE, drive flange	2	Mkl-III
	37H4973	YOKE, drive flange	1/2	MkIV-1500
116	143215	STRAP, propshaft, flexible	8	
117	143213	O RING, sealing spigot	1	
118	132023	BOLT	4	
119	WP20X	WASHER, plain	4	
120	GHF223	NUT, nyloc	4	
121	129361	BOLT, propshaft	8	Mkl-III
	144961A	BOLT, propshaft	8	MkIV-1500
122	GHF272	NUT, nyloc, propshaft	8	Mkl-III
	GHF273	NUT, nyloc, propshaft	8	MkIV-1500

Note: Greaseable UJ's cannot be run on the vehicle with the grease nipple in place.

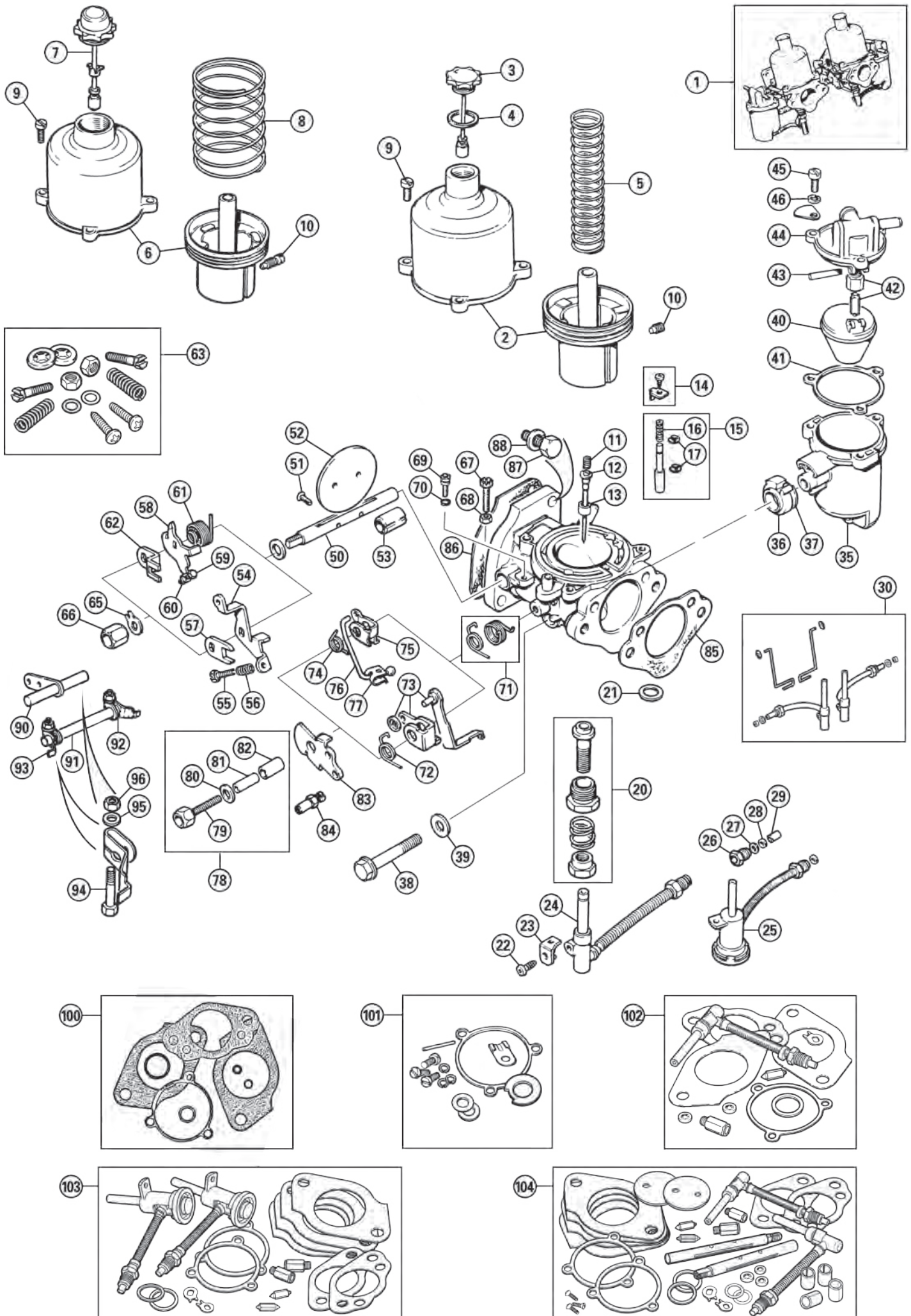
Note: Greaseable UJ's cannot be run on the vehicle with the grease nipple in place.



Part Number	Description	Req.	Details	Part Number	Description	Req.	Details		
HS2 SU Carburettors									
Non USA Spitfires used only SU carburettors in two sizes;									
1 1/4" (HS2) & later 1 1/2" (HS4). This is lucky because it therefore means there is continuity in the supply of parts, also that the changes made (for emission control) are negligible. All 1300 non USA Spitfires use HS2 carburettors of the swing (or 'biased') needle type. When components differ between the front & rear carburettors, the text lists both items describing them simply as 'front' or 'rear'.									
HS2 Carburettors are supplied in pairs.									
1	AUC983T	CARBURETTORS, new (pair)	1	Mkl-II	AUE268	FLOAT LID, front	1	AUD624	
	AUD257T	CARBURETTORS, new (pair)	1	MkIII 1967-70	AUE270	FLOAT LID, rear	1	AUC983, AUD275, AUD441, AUD517 & AUD624	
	AUD275T	CARBURETTORS, new (pair)	1	MkIII 1967-68					
	AUD290T	CARBURETTORS, new (pair)	1	MkIII USA 1967-68	AUE267	FLOAT LID, rear	1	AUD257 & AUD580	
	AUD285T	CARBURETTORS, new (pair)	1	MkIII USA 1969	46	JZX1394	SCREW, float lid	6	
	AUD441T	CARBURETTORS, new (pair)	1	MkIV to (c) FH50000E	47	WL700101	WASHER, locking	6	
	AUD517T	CARBURETTORS, new (pair)	1	MkIV from (c) FH25000 to FH50000	48	AUC1215	BAFFLE, float lid	2	
	AUD580T	CARBURETTORS, new (pair)	1	MkIV from (c) FH50001E	50	WZX1310	THROTTLE SPINDLE KIT	2	
	AUD580E	CARBURETTORS, reconditioned (pair)	1	to FH59688E	Note: Throttle spindle kit also includes lock tab (item 59) & carburettor mounting gaskets (items 76 & 77)				
	AUD624T	CARBURETTORS, new (pair)	1	MkIV from (c) FH59689E	51	AUC1358	SCREW, throttle disc to spindle	4	
Note: That reconditioned carburettors are offered on an exchange basis. To be acceptable for exchange, your old units must be complete and undamaged.				52	WZX1320	THROTTLE DISC KIT, plain disc	2	all Mkl-III & AUD441 carburettors	
					WZX1383	THROTTLE DISC KIT, valve disc	2		AUD517, AUD580 & AUD624 carburettors
				Note: Throttle disc kits include screws (item 51) & carburettor mounting gaskets (items 76 & 77).					
				53	AUD3079	INSERT, throttle shaft bush*	a/r	steel	
					37H3043	INSERT, throttle shaft bush*	a/r	AUD3079 replacement	
					AUD3079X	INSERT, throttle shaft bush*	a/r	teflon	
				*Note: Item 53 is to be used when the carburettor body is worn around the throttle spindle. Reaming the boss in the carburettor body to 8mm allows the insert to be fitted, thereby bringing the hole diameter to a correct 1/4".					
2	511733	SUCTION CHAMBER & PISTON	2	Mkl-II	54	AUD2052	THROTTLE LEVER, rear	1	
	516245	SUCTION CHAMBER & PISTON	2	MkIII		AUD2053	THROTTLE LEVER, front	1	
	AUD9998	SUCTION CHAMBER & PISTON	2	MkIV	55	WZX1140	SUNDRIES KIT	2	throttle levers
3	AUC8114A	DAMPER PISTON	2	AUC983, AUD257, AUD441, AUD580 & AUD624			(Throttle linkage sundry parts kit includes items 56, 57, 61 & 62).		
	AUC8103A	DAMPER PISTON	2	AUD275, AUD285 & AUD290	56	AUC3464	SCREW, fast idle adjustment	2	
	CUD4103A	DAMPER PISTON	2	if required	57	AUC2451	SPRING	2	
4	AUC2141	WASHER, fibre	2		58	JZX1328	LEVER, lost motion	2	
5	AUC4387	SPRING, piston damper, red, 4 1/2 oz	2		59	AUD3323	LOCK TAB	2	
6	JZX1394	SCREW, chamber to body	6		60	AUC1424	PIVOT NUT	2	
NI	519046	SCREW, needle adjusting	1	MkIII-1500	61	AUC3464	SCREW, throttle stop & idle adjustment	2	
7	AUD1478	NEEDLE, AN, fixed	2	Mkl-II, AUC983	62	AUC2451	SPRING	2	
	AUD1526	NEEDLE, BO, fixed	2	MkIII, AUD257	65	WZX1336	SPRING KIT, choke, rear	1	
	AUD1531	NEEDLE, DD, fixed	2	MkIII, AUD275, AUD285 & AUD290		WZX1335	SPRING KIT, choke, front	1	
					66	AUD2431	SPRING, choke cam, front	1	
						AUD2432	SPRING, choke cam, rear	1	
	CUD1012	NEEDLE, AAN, biased	2		67	AUD9005	LEVER & JET LINK, front	1	Mkl-II
8	AUD3306	SPRING, biased needles	2	MkIV, all types		AUD9004	LEVER & JET LINK, rear	1	Mkl-II
9	AUD4288	NEEDLE GUIDE, biased needles	2			CUD2687	LEVER & JET LINK, front	1	MkIII-IV
10	AUC2057	SCREW, needle guide securing	2	Mkl-III, fixed needle		CUD2686	LEVER & JET LINK, rear	1	MkIII-IV
	AUD4252	SCREW, needle guide securing	2	MkIV, biased needle	68	AUD2433	WASHER, spacing	2	
11	WZX1259	PISTON GUIDE & SCREW KIT	2		69	AUD3287	CHOKE LEVER, rear	1	
12	WZX1108	PIN KIT, piston lifting	2	'tickler pin'		AUD3288	CHOKE LEVER, front	1	
13	AUC1151	SPRING	2		70	WZX1331	BOLT KIT, pivot	2	
14	AUD4150	CIRCLIP, pin securing	4		71	AUC1426	BOLT, pivot	2	
20	WZX1341	JET BEARING KIT, fixed needles	2	Mkl-III, all types	72	AJD7721	WASHER, anti rattle	2	
	WZX1442	JET BEARING KIT, biased needles	2	MkIV, all types	73	AUC5032	WASHER, spacing	2	
21	AUC2002	TUBE NUT, jet securing	2		74	AUC8473	SPACER, inner	2	
22	AUC2114	SPRING	2		75	AUD2430	SPACER, outer	2	MkIV only
23	AUC8461	TUBE NUT, mixture adjustment	2	Mkl-III, all types	76	ACA8014	GASKET, carburettor to air filter	4	
	JZX1183	TUBE NUT, mixture adjustment	2	MkIV, all types	77	1G2624	GASKET, carburettor to manifold	2	
24	AUC8478	WASHER, sealing, jet bearing	2	Mkl-III, all types, included in WZX1341	78	GHF202	NUT, carburettor to manifold	4	
					79	GHF333	WASHER, locking	4	
	AUD2987	WASHER, sealing, jet bearing	2	MkIV, all types, not included in WZX1442	90	511747	LINK ROD, throttle	1	Mkl-II
25	AUD9104	JET ASSEMBLY, front	1	0.090"	91	511746	LEVER, throttle	1	Mkl-II
	AUD9103	JET ASSEMBLY, rear	1		92	511748	LEVER, throttle, stop	1	Mkl-II
26	AUD2129	TUBE NUT, jet to float chamber	2		93	147622	LINK ROD & LEVER, throttle	1	MkIII
27	AUD2193	WASHER, seal supporting	2			156290	LINK ROD & LEVER, throttle	1	MkIV
28	AUD2194	SEAL, rubber	2		94	511747	LINK ROD, choke	1	Mkl-II
29	AUD2195	FERRULE, brass	2			AUC1453	LINK ROD, choke	1	MkIII-IV
30	AUD2104	SCREW, jet to lever	2		95	AUE587	LEVER, lost motion, rear	2	
35	AUD2140	FLOAT CHAMBER	2		96	AUE586	LEVER, lost motion, front	2	
36	AUD2179	ADAPTOR, float chamber, rear	1		97	AUC2694	SCREW, in lever	4	
	AUD2178	ADAPTOR, float chamber, front	1		98	AUC8396	WASHER, plain	4	
37	AUC1329	WASHER, support	2		99	AJD8012Z	NUT	4	
38	AUD2891	BOLT, flanged head	2	float chamber mounting	100	AUE34	TRUNNION, choke cable	1	
	AUD3017	BOLT, mounting float chamber	2		Other kits available for the servicing of HS2 carburettors include the following:				
	AUC1317	WASHER, plain	2		101	AUE810A	CARBURETTOR GASKET KIT	2	(Inc. items 24, 27, 28, 41, 76, 77 for one carburettor).
39	AUC1318	WASHER, rubber	2		102	WZX1391	FLOAT CHAMBER SUNDRIES KIT	2	(Inc. items 27, 28, 37, 41, 44, 46, 47, 48 for one carburettor).
40	WZX1300	FLOAT, carburettor, plastic	2		103	WZX1860X	SERVICE KIT	1	(Inc. items 4, 25, 41, 42, 76, 77; to service two carburettors).
41	AUC8459A	GASKET, float chamber lid	2				REBUILD KIT	1	(Inc. items 4, 25, 41, 42, 50, 51, 52, 53, 76, 77 for 2 carburettors plus instructions. Please note that only plain type throttle discs are included in this kit).
42	WZX1101A	NEEDLE & VALVE SEAT	2	inc. gasket					
	GAC9201X	GROSE JET, (superior design)	2	alternative to WZX1101A					
44	AUC1152	PIN, float pivot	2						
45	AUE267	FLOAT LID, front	1	AUC983, AUD257, AUD441 & AUD517					
	AUE270	FLOAT LID, front	1	AUD275					
	AUE271	FLOAT LID, front	1	AUD580					

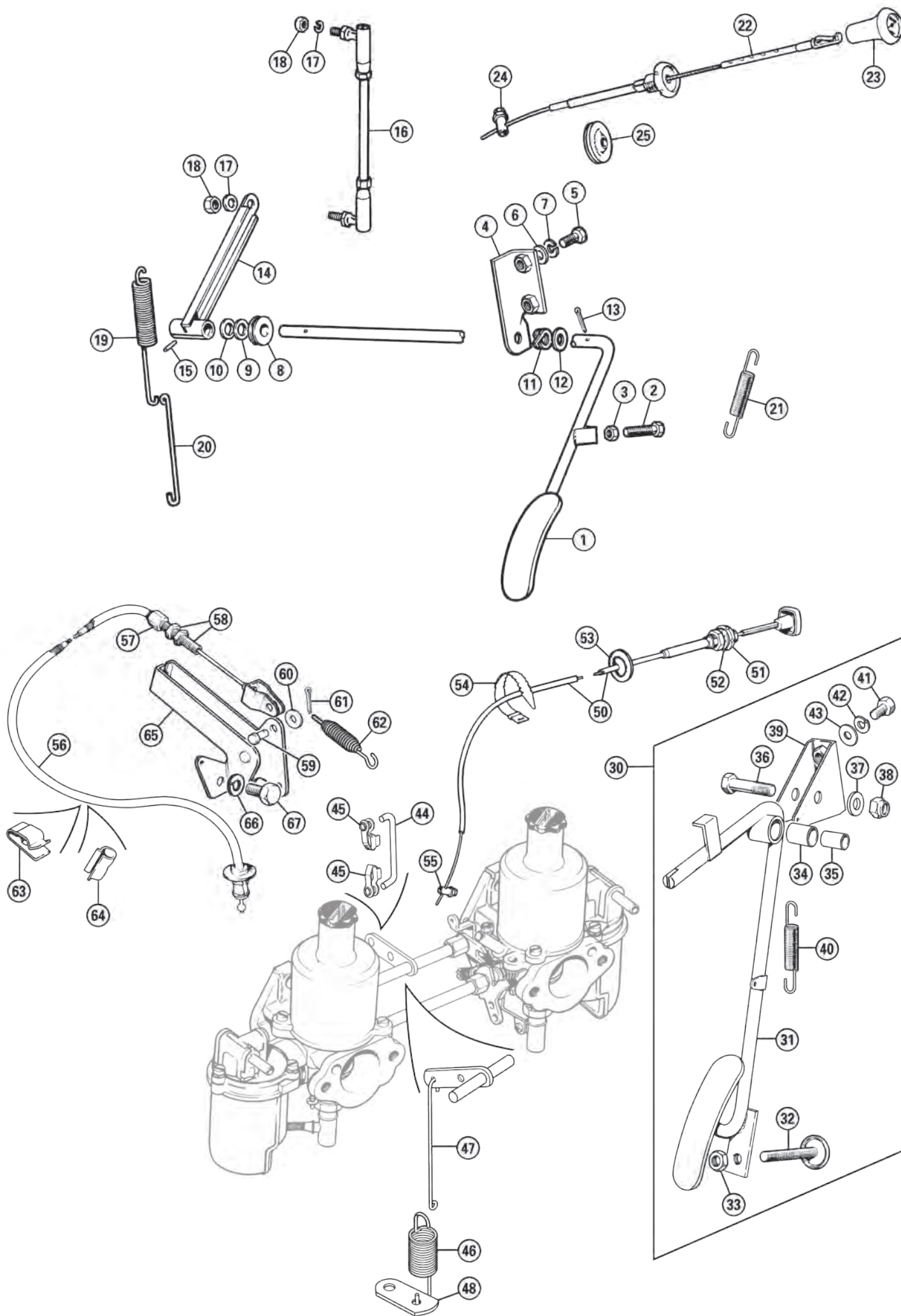


ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
<h3>HS4 SU Carburettors</h3> <p>The HS4 type carburettor on 1500 engines during production was subjected to more visually obvious improvements' than its predecessor, the HS2. These changes included the replacement of the age old 'sliding bush' suction chamber & piston assembly, with a new smoother ball bearing design (a definite improvement) and, the introduction in 1976 of the emissions-conscious Capstat jets (at best, controversial). The illustration and text is structured in an attempt to group together all the components in each sub assembly which changed.</p>					<table><tr><td>46</td><td>WL700101</td><td>WASHER, locking</td><td>6</td><td></td></tr><tr><td>50</td><td>WZX1177</td><td>THROTTLE SPINDLE KIT</td><td>2</td><td></td></tr><tr><td></td><td></td><td>(Also includes lock tab item 65 & mounting gaskets items 85 & 86)</td><td></td><td></td></tr><tr><td>51</td><td>AUC1358</td><td>SCREW, throttle disc to spindle</td><td>4</td><td></td></tr><tr><td>52</td><td>WZX1385</td><td>THROTTLE DISC KIT, valve disc</td><td>2</td><td>for FZX1258 carburettors</td></tr><tr><td></td><td>WZX1225</td><td>THROTTLE DISC KIT, valve disc</td><td>2</td><td>for FZX1122 & FZX1327 carburettors</td></tr></table>					46	WL700101	WASHER, locking	6		50	WZX1177	THROTTLE SPINDLE KIT	2				(Also includes lock tab item 65 & mounting gaskets items 85 & 86)			51	AUC1358	SCREW, throttle disc to spindle	4		52	WZX1385	THROTTLE DISC KIT, valve disc	2	for FZX1258 carburettors		WZX1225	THROTTLE DISC KIT, valve disc	2	for FZX1122 & FZX1327 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
46	WL700101	WASHER, locking	6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
50	WZX1177	THROTTLE SPINDLE KIT	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		(Also includes lock tab item 65 & mounting gaskets items 85 & 86)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
51	AUC1358	SCREW, throttle disc to spindle	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
52	WZX1385	THROTTLE DISC KIT, valve disc	2	for FZX1258 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	WZX1225	THROTTLE DISC KIT, valve disc	2	for FZX1122 & FZX1327 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
<h3>HS4 Carburettors (Supplied in pairs)</h3> <table><tr><td>1</td><td>AUD665T</td><td>CARBURETTORS, new (pair)</td><td>1</td><td>plain jets</td></tr><tr><td></td><td>FZX1327T</td><td>CARBURETTORS, new (pair)</td><td>1</td><td>capstat jets</td></tr><tr><td>2</td><td>LZX1968</td><td>SUCTION CHAMBER & PISTON</td><td>2</td><td>for AUD665 &</td></tr><tr><td>3</td><td>AUC8114A</td><td>DAMPER PISTON</td><td>2</td><td>FZX1258 carburettors</td></tr><tr><td>4</td><td>AUC2141</td><td>WASHER, fibre</td><td>2</td><td>('sliding bush' type</td></tr><tr><td>5</td><td>AUC4387</td><td>SPRING, piston damper, red, 4 1/2 oz</td><td>2</td><td>suction chamber)</td></tr><tr><td>6</td><td>LZX1025</td><td>SUCTION CHAMBER & PISTON</td><td>2</td><td>for FZX1122 carburettors</td></tr><tr><td>7</td><td>LZX1313</td><td>DAMPER PISTON</td><td>2</td><td>('ball bearing' type chamber)</td></tr><tr><td></td><td>LZX1523</td><td>SUCTION CHAMBER & PISTON</td><td>2</td><td>for FZX1327 carburettors</td></tr><tr><td></td><td>LZX1506</td><td>DAMPER PISTON</td><td>2</td><td>('ball bearing' type chamber)</td></tr><tr><td>8</td><td>AUD4355</td><td>SPRING, piston damper, red, 4 1/2 oz (2 1/4" diameter).</td><td>2</td><td>for FZX1122 & FZX1327 carburettors</td></tr></table> <p>Note: The ball bearing type suction chamber is a vast improvement over the earlier sliding bush type, with benefits to smoothness, acceleration and economy. If fitted it must be used with the correct damper (LZX1313 or LZX1506) and piston spring (AUD4355). No needle specification change is required.</p> <table><tr><td>9</td><td>JZX1394</td><td>SCREW, chamber to body</td><td>6</td><td></td></tr><tr><td>10</td><td>AUD4251</td><td>SCREW, needle guide securing</td><td>2</td><td></td></tr><tr><td>11</td><td>AUD3306</td><td>SPRING</td><td>2</td><td></td></tr><tr><td>NI</td><td>519046</td><td>SCREW, needle adjusting</td><td>1</td><td>MkIII-1500</td></tr><tr><td>12</td><td>CUD1041</td><td>NEEDLE, type ABT</td><td>2</td><td>for AUD665 & FZX1258 carburettors</td></tr><tr><td></td><td>NZX4013</td><td>NEEDLE, type ADN</td><td>2</td><td>for FZX1122 & FZX1327 carburettors</td></tr><tr><td>13</td><td>AUD4288</td><td>NEEDLE GUIDE</td><td>2</td><td></td></tr><tr><td>14</td><td>WZX1259</td><td>PISTON GUIDE & SCREW SET</td><td>2</td><td></td></tr><tr><td>15</td><td>WZX1108</td><td>PIN KIT, piston lifting</td><td>2</td><td></td></tr><tr><td>16</td><td>AUC1151</td><td>SPRING</td><td>2</td><td>if fitted</td></tr><tr><td>17</td><td>AUD4150</td><td>CIRCLIP, pin securing</td><td>4</td><td></td></tr><tr><td>20</td><td>WZX1442</td><td>JET BEARING KIT</td><td>2</td><td>for AUD665 carburettors</td></tr><tr><td></td><td>WZX1443</td><td>JET BEARING KIT</td><td>2</td><td>for FZX1258, FZX1122 & FZX1327 carburettors</td></tr><tr><td>21</td><td>AUC8478</td><td>WASHER, sealing, jet bearing</td><td>2</td><td></td></tr><tr><td>22</td><td>AUD2104</td><td>SCREW, jet to bracket</td><td>2</td><td>for AUD665 carburettors</td></tr><tr><td>23</td><td>JZX1307</td><td>BRACKET, jet to lever, front</td><td>1</td><td>(standard jets)</td></tr><tr><td></td><td>AUD2428</td><td>BRACKET, jet to lever, rear</td><td>1</td><td></td></tr><tr><td>24</td><td>AUD9451A</td><td>JET ASSEMBLY, front, 0.090"</td><td>1</td><td>for AUD665 carburettors</td></tr><tr><td></td><td>AUD9450A</td><td>JET ASSEMBLY, rear, 0.090"</td><td>1</td><td>(standard jets)</td></tr><tr><td>25</td><td>LZX1323A</td><td>JET ASSEMBLY, front, 0.090"</td><td>1</td><td>for FZX1258 carburettors</td></tr><tr><td></td><td>LZX1322A</td><td>JET ASSEMBLY, rear, 0.090"</td><td>1</td><td>(capstat jets)</td></tr><tr><td></td><td>LZX1331</td><td>JET ASSEMBLY, front, 0.090"</td><td>1</td><td>for FZX1122 & FZX1327 carburettors</td></tr><tr><td></td><td>LZX1330</td><td>JET ASSEMBLY, rear, 0.090"</td><td>1</td><td>carburettors (capstat jets)</td></tr><tr><td>26</td><td>AUD2129</td><td>TUBE NUT, jet to float chamber</td><td>2</td><td></td></tr><tr><td>27</td><td>AUD2193</td><td>WASHER, seal supporting</td><td>2</td><td></td></tr><tr><td>28</td><td>AUD2194</td><td>SEAL, rubber</td><td>2</td><td></td></tr><tr><td>29</td><td>AUD2195</td><td>FERRULE, brass</td><td>2</td><td></td></tr><tr><td>30</td><td>TT1459</td><td>JET CONVERSION KIT</td><td>1</td><td>converts capstat jets to standard jets</td></tr></table> <p>Note: If your car has capstat type carburettors (FZX1258, FZX1122 or FZX1327) then read on. It's possible that your engine - when hot, dies on idle, or idles unevenly. If these maladies can be definitely traced back to the carburettors, our TT1459 'Capstat' conversion kit can be fitted. The kit replaces the dubious Capstat jets with standard items and also effects the necessary choke linkage changes. One kit services both carburettors.</p> <table><tr><td>35</td><td>AUC2140</td><td>FLOAT CHAMBER</td><td>2</td><td></td></tr><tr><td>36</td><td>AUD2178</td><td>ADAPTOR, float chamber, front</td><td>1</td><td></td></tr><tr><td></td><td>AUD2179</td><td>ADAPTOR, float chamber, rear</td><td>1</td><td></td></tr><tr><td>37</td><td>AUC1329</td><td>WASHER, support</td><td>2</td><td></td></tr><tr><td>38</td><td>AUD2891</td><td>BOLT, flanged head</td><td>2</td><td>float chamber</td></tr><tr><td></td><td>AUD3017</td><td>BOLT, mounting float chamber</td><td>2</td><td>alternative to</td></tr><tr><td></td><td>AUC1317</td><td>WASHER, plain</td><td>2</td><td>item 38</td></tr><tr><td>39</td><td>AUC1318</td><td>WASHER, rubber</td><td>2</td><td></td></tr><tr><td>40</td><td>WZX1300</td><td>FLOAT, carburettor, plastic</td><td>2</td><td></td></tr><tr><td>41</td><td>AUC8459A</td><td>GASKET, float chamber lid</td><td>2</td><td></td></tr><tr><td>42</td><td>WZX1101A</td><td>NEEDLE & SEAT</td><td>2</td><td>inc. gasket</td></tr><tr><td></td><td>GAC9201X</td><td>GROSE JET, alternative</td><td>2</td><td>superior alternative to 42</td></tr><tr><td>43</td><td>AUC1152</td><td>PIN, float pivot</td><td>2</td><td></td></tr><tr><td>44</td><td>AUE271</td><td>FLOAT LID, front</td><td>1</td><td>without overflow connection</td></tr><tr><td></td><td>AUE268</td><td>FLOAT LID, rear</td><td>1</td><td>AUD665 and FZX1258 carbs</td></tr><tr><td></td><td>AUE272</td><td>FLOAT LID, front</td><td>1</td><td>with overflow connection</td></tr><tr><td></td><td>AUE273</td><td>FLOAT LID, rear</td><td>1</td><td>FZX1122 and FZX1327 carbs</td></tr><tr><td>45</td><td>JZX1394</td><td>SCREW, float lid</td><td>6</td><td></td></tr></table>					1	AUD665T	CARBURETTORS, new (pair)	1	plain jets		FZX1327T	CARBURETTORS, new (pair)	1	capstat jets	2	LZX1968	SUCTION CHAMBER & PISTON	2	for AUD665 &	3	AUC8114A	DAMPER PISTON	2	FZX1258 carburettors	4	AUC2141	WASHER, fibre	2	('sliding bush' type	5	AUC4387	SPRING, piston damper, red, 4 1/2 oz	2	suction chamber)	6	LZX1025	SUCTION CHAMBER & PISTON	2	for FZX1122 carburettors	7	LZX1313	DAMPER PISTON	2	('ball bearing' type chamber)		LZX1523	SUCTION CHAMBER & PISTON	2	for FZX1327 carburettors		LZX1506	DAMPER PISTON	2	('ball bearing' type chamber)	8	AUD4355	SPRING, piston damper, red, 4 1/2 oz (2 1/4" diameter).	2	for FZX1122 & FZX1327 carburettors	9	JZX1394	SCREW, chamber to body	6		10	AUD4251	SCREW, needle guide securing	2		11	AUD3306	SPRING	2		NI	519046	SCREW, needle adjusting	1	MkIII-1500	12	CUD1041	NEEDLE, type ABT	2	for AUD665 & FZX1258 carburettors		NZX4013	NEEDLE, type ADN	2	for FZX1122 & FZX1327 carburettors	13	AUD4288	NEEDLE GUIDE	2		14	WZX1259	PISTON GUIDE & SCREW SET	2		15	WZX1108	PIN KIT, piston lifting	2		16	AUC1151	SPRING	2	if fitted	17	AUD4150	CIRCLIP, pin securing	4		20	WZX1442	JET BEARING KIT	2	for AUD665 carburettors		WZX1443	JET BEARING KIT	2	for FZX1258, FZX1122 & FZX1327 carburettors	21	AUC8478	WASHER, sealing, jet bearing	2		22	AUD2104	SCREW, jet to bracket	2	for AUD665 carburettors	23	JZX1307	BRACKET, jet to lever, front	1	(standard jets)		AUD2428	BRACKET, jet to lever, rear	1		24	AUD9451A	JET ASSEMBLY, front, 0.090"	1	for AUD665 carburettors		AUD9450A	JET ASSEMBLY, rear, 0.090"	1	(standard jets)	25	LZX1323A	JET ASSEMBLY, front, 0.090"	1	for FZX1258 carburettors		LZX1322A	JET ASSEMBLY, rear, 0.090"	1	(capstat jets)		LZX1331	JET ASSEMBLY, front, 0.090"	1	for FZX1122 & FZX1327 carburettors		LZX1330	JET ASSEMBLY, rear, 0.090"	1	carburettors (capstat jets)	26	AUD2129	TUBE NUT, jet to float chamber	2		27	AUD2193	WASHER, seal supporting	2		28	AUD2194	SEAL, rubber	2		29	AUD2195	FERRULE, brass	2		30	TT1459	JET CONVERSION KIT	1	converts capstat jets to standard jets	35	AUC2140	FLOAT CHAMBER	2		36	AUD2178	ADAPTOR, float chamber, front	1			AUD2179	ADAPTOR, float chamber, rear	1		37	AUC1329	WASHER, support	2		38	AUD2891	BOLT, flanged head	2	float chamber		AUD3017	BOLT, mounting float chamber	2	alternative to		AUC1317	WASHER, plain	2	item 38	39	AUC1318	WASHER, rubber	2		40	WZX1300	FLOAT, carburettor, plastic	2		41	AUC8459A	GASKET, float chamber lid	2		42	WZX1101A	NEEDLE & SEAT	2	inc. gasket		GAC9201X	GROSE JET, alternative	2	superior alternative to 42	43	AUC1152	PIN, float pivot	2		44	AUE271	FLOAT LID, front	1	without overflow connection		AUE268	FLOAT LID, rear	1	AUD665 and FZX1258 carbs		AUE272	FLOAT LID, front	1	with overflow connection		AUE273	FLOAT LID, rear	1	FZX1122 and FZX1327 carbs	45	JZX1394	SCREW, float lid	6		<p>Note: Throttle disc kits include screws (item no. 51) & carburettor mounting gaskets item nos. 85 & 86. A plain disc may be substituted here, particularly if greater performance is sought. The discs are supplied individually, again with screws and gaskets.</p> <table><tr><td></td><td>WZX1323</td><td>THROTTLE DISC KIT, plain disc</td><td>2</td><td></td></tr><tr><td>53</td><td>AUD3080</td><td>INSERT, throttle shaft bush</td><td>a/r</td><td>steel</td></tr></table> <p>Note: Use Item 53 when the carburettor body is worn around the throttle spindle. Reaming the boss in the carburettor body to 9.5mm allows the insert to be fitted, thereby bringing the hole diameter in the boss to a correct 5/16".</p> <table><tr><td>54</td><td>AUD4863</td><td>THROTTLE LEVER, front</td><td>1</td><td></td></tr><tr><td></td><td>AUD4862</td><td>THROTTLE LEVER, rear</td><td>1</td><td></td></tr><tr><td>55</td><td>AUC3464</td><td>SCREW, fast idle adjustment</td><td>2</td><td>for AUD665 carburettors</td></tr><tr><td>56</td><td>AUC2451</td><td>SPRING, (alternative to AJD8014Z)</td><td>2</td><td></td></tr><tr><td></td><td>AJD8014Z</td><td>NUT, locking</td><td>2</td><td></td></tr><tr><td></td><td></td><td>(Alternative to AUC2451 spring).</td><td></td><td></td></tr><tr><td>57</td><td>AUD3518</td><td>LEVER, lost motion</td><td>2</td><td></td></tr><tr><td>58</td><td>JZX1179</td><td>THROTTLE LEVER, front</td><td>1</td><td></td></tr><tr><td></td><td>JZX1178</td><td>THROTTLE LEVER, rear</td><td>1</td><td></td></tr><tr><td>59</td><td>HMP290009</td><td>SCREW, fast idle adjustment</td><td>2</td><td>for FZX1258, FZX1122</td></tr><tr><td>60</td><td>AJD8014ZX</td><td>SPIRE NUT, screw to throttle lever</td><td>2</td><td>& FZX1327 carburettors</td></tr><tr><td>61</td><td>JZX1299</td><td>SPRING, throttle return, front</td><td>1</td><td></td></tr><tr><td></td><td>JZX1298</td><td>SPRING, throttle return, rear</td><td>1</td><td></td></tr><tr><td>62</td><td>JZX1328</td><td>LEVER, lost motion</td><td>2</td><td></td></tr><tr><td>63</td><td>WZX1140</td><td>SUNDRIES KIT, throttle linkage</td><td>2</td><td>for AUD665 carburettors</td></tr><tr><td></td><td></td><td>(Contains items 22, 23, 55, 56, 67, 68).</td><td></td><td></td></tr><tr><td></td><td>WZX1156</td><td>SUNDRIES KIT, throttle linkage</td><td>2</td><td>for FZX1258, FZX1122 & FZX1327 carburettors</td></tr><tr><td></td><td></td><td>(Contains items 59, 69, 70).</td><td></td><td></td></tr><tr><td>65</td><td>AUD3323</td><td>LOCK TAB</td><td>2</td><td></td></tr><tr><td>66</td><td>AUC1424</td><td>NUT, pivot</td><td>2</td><td></td></tr><tr><td>67</td><td>AUC3464</td><td>SCREW, throttle stop & idle</td><td>2</td><td></td></tr><tr><td>68</td><td>AJD8014Z</td><td>NUT, locking</td><td>2</td><td>for AUD665 carburettors</td></tr><tr><td></td><td></td><td>(Alternative to AUC2451 spring).</td><td></td><td></td></tr><tr><td></td><td>AUC2451</td><td>SPRING, (alternative to AJD8014Z)</td><td>2</td><td></td></tr><tr><td>69</td><td>JZX1180</td><td>SCREW, throttle stop & idle</td><td>2</td><td>for FZX1258, FZX1122</td></tr><tr><td>70</td><td>AUD3586</td><td>'O' RING</td><td>2</td><td>& FZX1327 carburettors</td></tr><tr><td>71</td><td>WZX1335</td><td>SPRING KIT, choke, front</td><td>1</td><td>for AUD665 carburettors</td></tr><tr><td></td><td>WZX1336</td><td>SPRING KIT, choke, rear</td><td>1</td><td></td></tr><tr><td></td><td>WZX1338</td><td>SPRING KIT, choke, rear</td><td>1</td><td>for FZX1258, FZX1122</td></tr><tr><td></td><td>WZX1339</td><td>SPRING KIT, choke, front</td><td>1</td><td>& FZX1327 carburettors</td></tr><tr><td>72</td><td>AUD2431</td><td>SPRING, choke cam, front</td><td>1</td><td></td></tr><tr><td></td><td>AUD2432</td><td>SPRING, choke cam, rear</td><td>1</td><td>for AUD665 carburettors</td></tr><tr><td>73</td><td>CUD3073</td><td>LEVER & JET LINK, front</td><td>1</td><td></td></tr><tr><td></td><td>CUD3072</td><td>LEVER & JET LINK, rear</td><td>1</td><td></td></tr><tr><td>74</td><td>JZX1353</td><td>SPRING, choke cam, front</td><td>1</td><td></td></tr><tr><td></td><td>AUD4867</td><td>SPRING, choke cam, rear</td><td>1</td><td></td></tr></table> <p>Note: These cam springs are no longer available, use cam springs below.</p> <table><tr><td></td><td>AUD2431</td><td>SPRING, choke cam, front</td><td>1</td><td></td></tr><tr><td></td><td>AUD2432</td><td>SPRING, choke cam, rear</td><td>1</td><td></td></tr><tr><td>75</td><td>AUD4871</td><td>LEVER, front</td><td>1</td><td>for FZX1258, FZX1122</td></tr><tr><td></td><td>AUD4870</td><td>LEVER, rear</td><td>1</td><td>& FZX1327 carburettors</td></tr><tr><td>76</td><td>WZX1357</td><td>ROD LINK KIT, front</td><td>1</td><td></td></tr><tr><td></td><td>WZX1356</td><td>ROD LINK KIT, rear</td><td>1</td><td></td></tr><tr><td>77</td><td>JZX1259</td><td>CLIP, rod link to jet</td><td>2</td><td></td></tr><tr><td>78</td><td>WZX1331</td><td>BOLT KIT, pivot</td><td>2</td><td></td></tr><tr><td>79</td><td>AUC1426</td><td>BOLT, pivot</td><td>2</td><td></td></tr><tr><td>80</td><td>AUC5032</td><td>WASHER, spacing</td><td>2</td><td></td></tr><tr><td>81</td><td>AUC8473</td><td>SPACER, inner</td><td>2</td><td></td></tr><tr><td>82</td><td>AUD2430</td><td>SPACER, outer</td><td>2</td><td></td></tr><tr><td>83</td><td>AUD4860</td><td>CHOKE LEVER, front</td><td>1</td><td></td></tr><tr><td></td><td>AUD4861</td><td>CHOKE LEVER, rear</td><td>1</td><td></td></tr><tr><td>84</td><td>AUE34</td><td>TRUNNION, choke cable</td><td>1</td><td></td></tr><tr><td>85</td><td>12G2125</td><td>GASKET, carburettor to air filter</td><td>4</td><td></td></tr><tr><td>86</td><td>UKC2992</td><td>GASKET, carburettor to heat shield</td><td>4</td><td></td></tr><tr><td>87</td><td>SH505091</td><td>SCREW, carburettor to manifold</td><td>4</td><td></td></tr><tr><td>88</td><td>GHF332</td><td>WASHER, locking</td><td>4</td><td></td></tr><tr><td>90</td><td>UKC3009</td><td>LINK ROD & LEVER, throttle</td><td>1</td><td></td></tr><tr><td>91</td><td>TT9911</td><td>LINK ROD, choke</td><td>1</td><td></td></tr><tr><td>92</td><td>AUE586</td><td>LEVER, lost motion, front</td><td>2</td><td></td></tr><tr><td>93</td><td>AUE587</td><td>LEVER, lost motion, rear</td><td>2</td><td></td></tr><tr><td>94</td><td>AUC2694</td><td>SCREW, in lever</td><td>4</td><td></td></tr><tr><td>95</td><td>AUC8396</td><td>WASHER, plain</td><td>4</td><td></td></tr></table>						WZX1323	THROTTLE DISC KIT, plain disc	2		53	AUD3080	INSERT, throttle shaft bush	a/r	steel	54	AUD4863	THROTTLE LEVER, front	1			AUD4862	THROTTLE LEVER, rear	1		55	AUC3464	SCREW, fast idle adjustment	2	for AUD665 carburettors	56	AUC2451	SPRING, (alternative to AJD8014Z)	2			AJD8014Z	NUT, locking	2				(Alternative to AUC2451 spring).			57	AUD3518	LEVER, lost motion	2		58	JZX1179	THROTTLE LEVER, front	1			JZX1178	THROTTLE LEVER, rear	1		59	HMP290009	SCREW, fast idle adjustment	2	for FZX1258, FZX1122	60	AJD8014ZX	SPIRE NUT, screw to throttle lever	2	& FZX1327 carburettors	61	JZX1299	SPRING, throttle return, front	1			JZX1298	SPRING, throttle return, rear	1		62	JZX1328	LEVER, lost motion	2		63	WZX1140	SUNDRIES KIT, throttle linkage	2	for AUD665 carburettors			(Contains items 22, 23, 55, 56, 67, 68).				WZX1156	SUNDRIES KIT, throttle linkage	2	for FZX1258, FZX1122 & FZX1327 carburettors			(Contains items 59, 69, 70).			65	AUD3323	LOCK TAB	2		66	AUC1424	NUT, pivot	2		67	AUC3464	SCREW, throttle stop & idle	2		68	AJD8014Z	NUT, locking	2	for AUD665 carburettors			(Alternative to AUC2451 spring).				AUC2451	SPRING, (alternative to AJD8014Z)	2		69	JZX1180	SCREW, throttle stop & idle	2	for FZX1258, FZX1122	70	AUD3586	'O' RING	2	& FZX1327 carburettors	71	WZX1335	SPRING KIT, choke, front	1	for AUD665 carburettors		WZX1336	SPRING KIT, choke, rear	1			WZX1338	SPRING KIT, choke, rear	1	for FZX1258, FZX1122		WZX1339	SPRING KIT, choke, front	1	& FZX1327 carburettors	72	AUD2431	SPRING, choke cam, front	1			AUD2432	SPRING, choke cam, rear	1	for AUD665 carburettors	73	CUD3073	LEVER & JET LINK, front	1			CUD3072	LEVER & JET LINK, rear	1		74	JZX1353	SPRING, choke cam, front	1			AUD4867	SPRING, choke cam, rear	1			AUD2431	SPRING, choke cam, front	1			AUD2432	SPRING, choke cam, rear	1		75	AUD4871	LEVER, front	1	for FZX1258, FZX1122		AUD4870	LEVER, rear	1	& FZX1327 carburettors	76	WZX1357	ROD LINK KIT, front	1			WZX1356	ROD LINK KIT, rear	1		77	JZX1259	CLIP, rod link to jet	2		78	WZX1331	BOLT KIT, pivot	2		79	AUC1426	BOLT, pivot	2		80	AUC5032	WASHER, spacing	2		81	AUC8473	SPACER, inner	2		82	AUD2430	SPACER, outer	2		83	AUD4860	CHOKE LEVER, front	1			AUD4861	CHOKE LEVER, rear	1		84	AUE34	TRUNNION, choke cable	1		85	12G2125	GASKET, carburettor to air filter	4		86	UKC2992	GASKET, carburettor to heat shield	4		87	SH505091	SCREW, carburettor to manifold	4		88	GHF332	WASHER, locking	4		90	UKC3009	LINK ROD & LEVER, throttle	1		91	TT9911	LINK ROD, choke	1		92	AUE586	LEVER, lost motion, front	2		93	AUE587	LEVER, lost motion, rear	2		94	AUC2694	SCREW, in lever	4		95	AUC8396	WASHER, plain	4	
1	AUD665T	CARBURETTORS, new (pair)	1	plain jets																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	FZX1327T	CARBURETTORS, new (pair)	1	capstat jets																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
2	LZX1968	SUCTION CHAMBER & PISTON	2	for AUD665 &																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
3	AUC8114A	DAMPER PISTON	2	FZX1258 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
4	AUC2141	WASHER, fibre	2	('sliding bush' type																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
5	AUC4387	SPRING, piston damper, red, 4 1/2 oz	2	suction chamber)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
6	LZX1025	SUCTION CHAMBER & PISTON	2	for FZX1122 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
7	LZX1313	DAMPER PISTON	2	('ball bearing' type chamber)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	LZX1523	SUCTION CHAMBER & PISTON	2	for FZX1327 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	LZX1506	DAMPER PISTON	2	('ball bearing' type chamber)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
8	AUD4355	SPRING, piston damper, red, 4 1/2 oz (2 1/4" diameter).	2	for FZX1122 & FZX1327 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
9	JZX1394	SCREW, chamber to body	6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
10	AUD4251	SCREW, needle guide securing	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
11	AUD3306	SPRING	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
NI	519046	SCREW, needle adjusting	1	MkIII-1500																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
12	CUD1041	NEEDLE, type ABT	2	for AUD665 & FZX1258 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	NZX4013	NEEDLE, type ADN	2	for FZX1122 & FZX1327 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
13	AUD4288	NEEDLE GUIDE	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
14	WZX1259	PISTON GUIDE & SCREW SET	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
15	WZX1108	PIN KIT, piston lifting	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
16	AUC1151	SPRING	2	if fitted																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
17	AUD4150	CIRCLIP, pin securing	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
20	WZX1442	JET BEARING KIT	2	for AUD665 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	WZX1443	JET BEARING KIT	2	for FZX1258, FZX1122 & FZX1327 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
21	AUC8478	WASHER, sealing, jet bearing	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
22	AUD2104	SCREW, jet to bracket	2	for AUD665 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
23	JZX1307	BRACKET, jet to lever, front	1	(standard jets)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	AUD2428	BRACKET, jet to lever, rear	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
24	AUD9451A	JET ASSEMBLY, front, 0.090"	1	for AUD665 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	AUD9450A	JET ASSEMBLY, rear, 0.090"	1	(standard jets)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
25	LZX1323A	JET ASSEMBLY, front, 0.090"	1	for FZX1258 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	LZX1322A	JET ASSEMBLY, rear, 0.090"	1	(capstat jets)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	LZX1331	JET ASSEMBLY, front, 0.090"	1	for FZX1122 & FZX1327 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	LZX1330	JET ASSEMBLY, rear, 0.090"	1	carburettors (capstat jets)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
26	AUD2129	TUBE NUT, jet to float chamber	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
27	AUD2193	WASHER, seal supporting	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
28	AUD2194	SEAL, rubber	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
29	AUD2195	FERRULE, brass	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
30	TT1459	JET CONVERSION KIT	1	converts capstat jets to standard jets																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
35	AUC2140	FLOAT CHAMBER	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
36	AUD2178	ADAPTOR, float chamber, front	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	AUD2179	ADAPTOR, float chamber, rear	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
37	AUC1329	WASHER, support	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
38	AUD2891	BOLT, flanged head	2	float chamber																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	AUD3017	BOLT, mounting float chamber	2	alternative to																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	AUC1317	WASHER, plain	2	item 38																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
39	AUC1318	WASHER, rubber	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
40	WZX1300	FLOAT, carburettor, plastic	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
41	AUC8459A	GASKET, float chamber lid	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
42	WZX1101A	NEEDLE & SEAT	2	inc. gasket																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	GAC9201X	GROSE JET, alternative	2	superior alternative to 42																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
43	AUC1152	PIN, float pivot	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
44	AUE271	FLOAT LID, front	1	without overflow connection																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	AUE268	FLOAT LID, rear	1	AUD665 and FZX1258 carbs																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	AUE272	FLOAT LID, front	1	with overflow connection																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	AUE273	FLOAT LID, rear	1	FZX1122 and FZX1327 carbs																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
45	JZX1394	SCREW, float lid	6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	WZX1323	THROTTLE DISC KIT, plain disc	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
53	AUD3080	INSERT, throttle shaft bush	a/r	steel																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
54	AUD4863	THROTTLE LEVER, front	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	AUD4862	THROTTLE LEVER, rear	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
55	AUC3464	SCREW, fast idle adjustment	2	for AUD665 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
56	AUC2451	SPRING, (alternative to AJD8014Z)	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	AJD8014Z	NUT, locking	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		(Alternative to AUC2451 spring).																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
57	AUD3518	LEVER, lost motion	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
58	JZX1179	THROTTLE LEVER, front	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	JZX1178	THROTTLE LEVER, rear	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
59	HMP290009	SCREW, fast idle adjustment	2	for FZX1258, FZX1122																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
60	AJD8014ZX	SPIRE NUT, screw to throttle lever	2	& FZX1327 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
61	JZX1299	SPRING, throttle return, front	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	JZX1298	SPRING, throttle return, rear	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
62	JZX1328	LEVER, lost motion	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
63	WZX1140	SUNDRIES KIT, throttle linkage	2	for AUD665 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		(Contains items 22, 23, 55, 56, 67, 68).																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	WZX1156	SUNDRIES KIT, throttle linkage	2	for FZX1258, FZX1122 & FZX1327 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		(Contains items 59, 69, 70).																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
65	AUD3323	LOCK TAB	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
66	AUC1424	NUT, pivot	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
67	AUC3464	SCREW, throttle stop & idle	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
68	AJD8014Z	NUT, locking	2	for AUD665 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		(Alternative to AUC2451 spring).																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	AUC2451	SPRING, (alternative to AJD8014Z)	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
69	JZX1180	SCREW, throttle stop & idle	2	for FZX1258, FZX1122																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
70	AUD3586	'O' RING	2	& FZX1327 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
71	WZX1335	SPRING KIT, choke, front	1	for AUD665 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	WZX1336	SPRING KIT, choke, rear	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	WZX1338	SPRING KIT, choke, rear	1	for FZX1258, FZX1122																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	WZX1339	SPRING KIT, choke, front	1	& FZX1327 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
72	AUD2431	SPRING, choke cam, front	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	AUD2432	SPRING, choke cam, rear	1	for AUD665 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
73	CUD3073	LEVER & JET LINK, front	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	CUD3072	LEVER & JET LINK, rear	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
74	JZX1353	SPRING, choke cam, front	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	AUD4867	SPRING, choke cam, rear	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	AUD2431	SPRING, choke cam, front	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	AUD2432	SPRING, choke cam, rear	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
75	AUD4871	LEVER, front	1	for FZX1258, FZX1122																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	AUD4870	LEVER, rear	1	& FZX1327 carburettors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
76	WZX1357	ROD LINK KIT, front	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	WZX1356	ROD LINK KIT, rear	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
77	JZX1259	CLIP, rod link to jet	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
78	WZX1331	BOLT KIT, pivot	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
79	AUC1426	BOLT, pivot	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
80	AUC5032	WASHER, spacing	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
81	AUC8473	SPACER, inner	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
82	AUD2430	SPACER, outer	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
83	AUD4860	CHOKE LEVER, front	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	AUD4861	CHOKE LEVER, rear	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
84	AUE34	TRUNNION, choke cable	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
85	12G2125	GASKET, carburettor to air filter	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
86	UKC2992	GASKET, carburettor to heat shield	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
87	SH505091	SCREW, carburettor to manifold	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
88	GHF332	WASHER, locking	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
90	UKC3009	LINK ROD & LEVER, throttle	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
91	TT9911	LINK ROD, choke	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
92	AUE586	LEVER, lost motion, front	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
93	AUE587	LEVER, lost motion, rear	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
94	AUC2694	SCREW, in lever	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
95	AUC8396	WASHER, plain	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														



ill.	Part Number	Description	Req.	Details
HS4 Carburettors (Continued)				
96	AJD8012Z	NUT	4	
Note: Other kits available for the servicing of HS4 carburettors include.				
100	AUE811A	GASKET SET, carburettor	2	
		(Inc. items 21, 27, 28, 41, 85, 86 for one carburettor).		
101	WZX1391	SUNDRIES KIT, float chamber	2	
		(Inc. items 27, 28, 37, 41, 43, 45, 46, for one carburettor).		
102	WZX1852X	SERVICE KIT, front	1	} for AUD665 carburettors
	WZX1853X	SERVICE KIT, rear	1	
		(Inc. items 4, 24, 41, 42, 85, 86 for one carburettor).		
	WZX1890X	SERVICE KIT, front	1	} for FZX1258 carburettors
	WZX1889X	SERVICE KIT, rear	1	
		(Inc. items 4, 25, 41, 42, 85, 86 for one carburettor).		
103	WZX1849X	SERVICE KIT, (for two carburettors)	1	} for FZX1122 & FZX1327 carburettors
		(Inc. items 4, 25, 41, 42, 85, 86)		
104	GAC6155X	REBUILD KIT, (for both carburettors)	1	} for AUD665 carburettors
	GAC6166X	REBUILD KIT, (for both carburettors)	1	
	GAC6167X	REBUILD KIT, (for both carburettors)	1	} FZX1122 & FZX1327 carbs
		(Rebuild kits include items 4, 24 (in GAC6155X), 25 (in GAC6166X & GAC6167X), 41, 42, 50, 51, 52, 53, 85, 86 for two carburettors, plus instructions).		

ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------



ill.	Part Number	Description	Req.	Details
Accelerator & Choke Controls				
MkI-III				
1	209636	PEDAL, accelerator	1	MkI-II, RHD
	209638	PEDAL, accelerator	1	MkI-II, LHD
	212323	PEDAL, accelerator	1	MkIII, RHD
	212358	PEDAL, accelerator	1	MkIII, LHD
		(Includes items 2, 3, 14 & 15).		
2	SH605101	SET SCREW, accelerator stop bracket	1	
3	GHF201	NUT, accelerator stop bracket	1	
4	137015	BRACKET, fulcrum assembly	1	
5	SH604041	SET SCREW, bracket to body	2	
6	GHF301	WASHER, plain, bracket to body	2	
7	GHF331	WASHER, lock, bracket to body	2	
8	138490	BEARING, accelerator pedal	1/2	2 req. on LHD models
9	WP9	WASHER, plain	1	
10	134953	SEAL, felt, on cross shaft	1	
11	WS600061	WASHER, thackery	1	} locating pedal in bearing
12	WP9	WASHER, plain	1	
13	GHF502	SPLIT PIN	1	
14	134537	LEVER ASSEMBLY, pedal to throttle rod	1	MkI-II
	142500	NCA LEVER ASSEMBLY, pedal to throttle rod	1	MkIII
15	DS1312	ROLL PIN, lever to pedal	1	
16	134545	THROTTLE ROD	1	
17	GHF331	WASHER, lock, throttle rod attachment	2	
18	GHF302	NUT, throttle rod attachment	2	
19	136835	SPRING, pedal return	1	lever assembly to link
20	136979	LINK, throttle return spring	1	return spring to chassis
21	136835	SPRING, throttle return	2	MkI-II
	145197	SPRING, throttle return	2	MkIII
		(Carburettor throttle levers to inlet manifold).		
22	401894/5	CHOKE CABLE, inner and outer	1	MkI-II, without knob
	146821/5	CHOKE CABLE, inner and outer	1	MkIII, with knob
	401900/1	CHOKE CABLE, inner and outer	1	} MkI-III, replacement, without knob
23	704873	KNOB, choke	1	
				} for cables with removable knob
24	AUE34	TRUNNION, choke cable to carb lever	1	
25	061917	GROMMET, choke cable	1	

MkIV & 1500

30	156216	PEDAL ASSEMBLY, accelerator	1	RHD
	UKC1370	PEDAL ASSEMBLY, accelerator	1	LHD
31	156188	PEDAL, accelerator	1	RHD
	217465	PEDAL, accelerator	1	LHD
32	156300	PEDAL STOP	1	RHD
	156301	PEDAL STOP	1	LHD
33	NT605041	NUT, locking pedal stop	1	
34	AHH5301	BUSH, accelerator pedal pivot	1	
35	AHH6504	SPACER, accelerator pedal pivot	1	
36	GHF104	BOLT, accelerator pedal pivot	1	
37	GHF301	WASHER, plain	1	
38	GHF272	NUT, nyloc	1	
39	156190	BRACKET, pedal support	1	
40	057950	SPRING, pedal return	1	
41	SH604041	SCREW, bracket attaching	2	
42	GHF331	WASHER, locking	2	
43	WM57	WASHER, plain	2	
44	156535	LINK ROD, bellcrank to carburettor	1	MkIV
	UKC3272	LINK ROD, bellcrank to carburettor	1	1500 to (c) FM118389E
	UKC6268	LINK ROD, bellcrank to carburettor	1	1500 from (c) FM118390E
45	153957	CLIP, retaining link rod	2	
46	136835	SPRING, throttle return	1	MkIV
	153953	SPRING, throttle return	1	1500
47	143747	LINK ROD, spring to bracket	1	
48	157065	BRACKET	1	MkIV
	UKC3281	BRACKET	1	1500 to (c) FM118389E
	UKC9193	BRACKET	1	1500 from (c) FM118390E

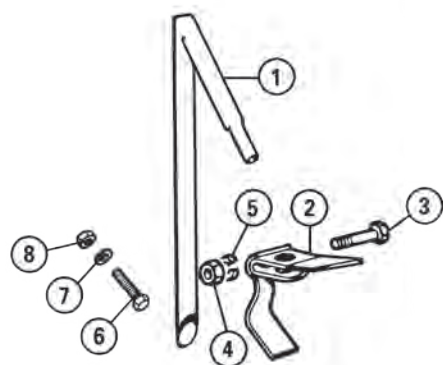
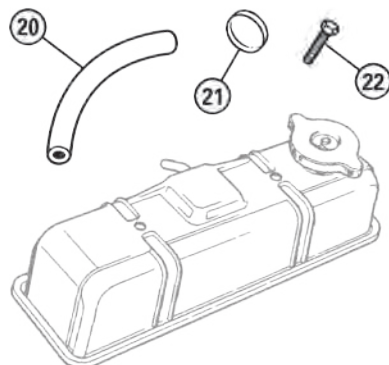
Note: UKC9193, the most commonly found bracket, mounts on one of the exhaust down pipe nuts. The two earlier brackets attach to the chassis rail and front suspension turret respectively.

50	156137	CHOKE CABLE	1	RHD
	UKC2673	CHOKE CABLE	1	LHD
51	618946	BEZEL NUT, choke cable	1	
52	GHF325	WASHER, locking	1	
53	061917	GROMMET, cable, bulkhead	1	
54	13H6107	CABLE TIE, fir tree type	1	} alternatives
	GHF1266	CABLE TIE, ratchet type	1	
55	AUE34	TRUNNION, cable end to carb	1	
56	156342	ACCELERATOR CABLE	1	RHD
	156345	ACCELERATOR CABLE	1	MkIV, LHD

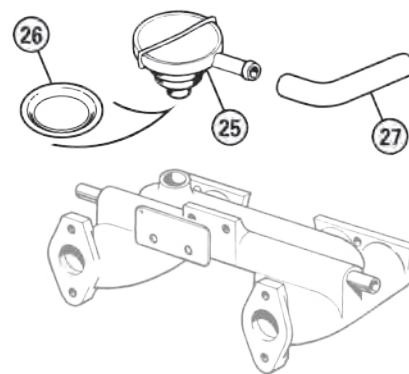
ill.	Part Number	Description	Req.	Details
	156346	ACCELERATOR CABLE	1	1500, LHD
57	BHH1059	ADJUSTER, choke cable	1	
58	JN2107	NUT, locking	2	
59	PJ8504	CLEVIS PIN, cable to lever	1	
60	PWZ203	WASHER, plain	1/2	
61	GHF500	SPLIT PIN, cut to fit	1	
62	145197	SPRING, return, cable linkage	2	} MkIV, 1500 to (c) FM53446E

Note: The return spring became redundant in 1976 upon the introduction of the 'Capstat' type carburettor: these later carburettors were constructed with a return spring operating between the throttle linkage and the carburettor body.

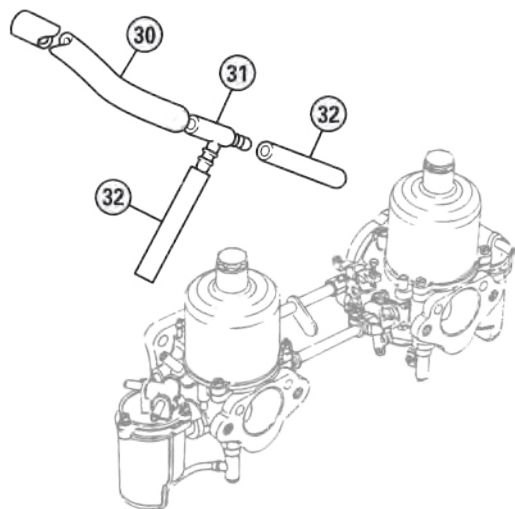
63	615707	CLIP, cable retaining	1	
64	153041	CLIP, clamping nipple to pedal	1	
65	156533	BRACKET, linkage & bell crank	1	MkIV
	UKC5374	BRACKET, linkage & bell crank	1	1500 to (c) FM118389E
	UKC9225	BRACKET, linkage & bell crank	1	1500 from (c) FM118390E
66	GHF331	WASHER, locking	2	
67	SH504041	SCREW, bracket to manifold	2	MkIV
	SH504051	SCREW, bracket to manifold	2	1500

Open Crankcase Breather - MkI to (e)
FC5000E

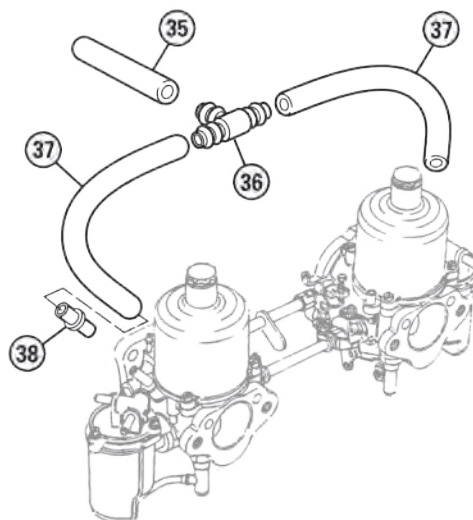
Closed Circuit Breather - MkII



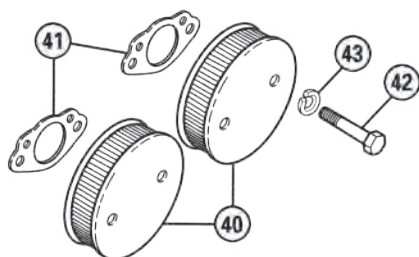
Closed Circuit Breather - MkIII



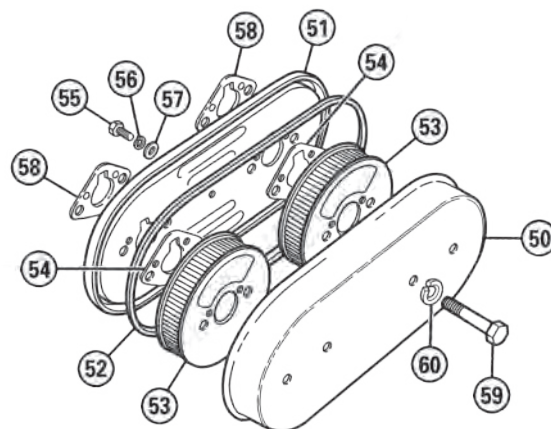
Closed Circuit Breather - MkIV



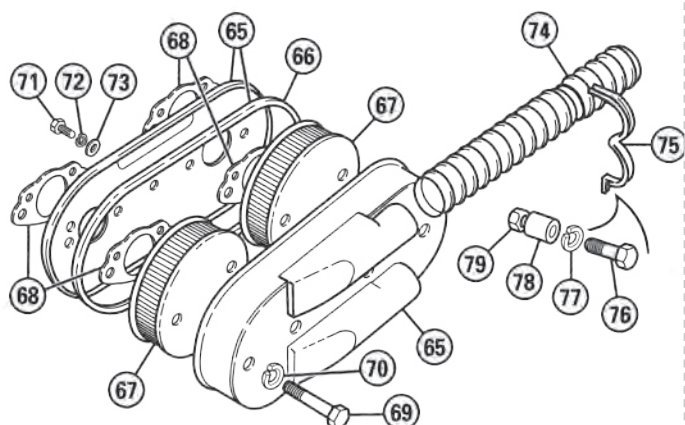
Closed Circuit Breather - 1500



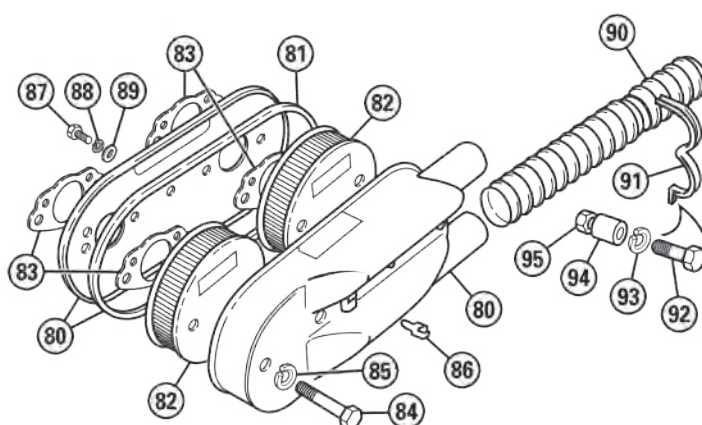
Air Filters - MkI



Air Filters - MkII & MkIII



Air Filters - MkV



Air Filters - 1500

ill. Part Number Description Req. Details

Engine Breathers & Air Filters

The Spitfire engine breather system had a few changes over the years. The MkI models initially used an 'open crankcase' ventilation through the oil filler cap with a breather pipe on the block. With the introduction of the MkII Spitfire and the emergence of engine emission controls, the 'open crankcase' system was replaced with a closed circuit breather system. A rubber hose exiting from the side of the rocker cover replaced the oil filler cap ventilation and allowed fumes to be sucked back into the air filter box. This meant that air filters tended to get clogged with oil fumes. The MkIII solved this problem by connecting the hose from the rocker cover to an emission control valve (ECV), fitted in the inlet manifold which regulated the engine fumes back in to the combustion chambers. A two piece oil filler cap was also fitted to allow air into the engine to prevent a vacuum from forming. The system was changed again when the MkIV came along in 1970. The ECV was discarded and the hose from the rocker cover connected directly to the carbs via a 'T' piece connector. A blow back plate & wire gauze were accommodated in the rocker cover to help condense the fumes. The Spitfire 1500 system was very much the same as the MkIV, with the hose from the rocker cover still connected to a 'T' piece, but now the hoses from the connector were curved and routed to the outside of the carbs.

Open Crankcase Breather - MkI to (e) FC50000E

1	105737	BREATHER PIPE ASSEMBLY	1	
2	122783	DEFLECTOR ASSEMBLY	1	
3	BH605131	BOLT	1	
4	GHF201	NUT	1	deflector assembly to breather pipe
5	GHF301	WASHER, plain	1	
6	GHF103	SCREW, set	1	
7	WM83	WASHER, plain	1	deflector and
8	GHF332	WASHER, lock	1	sump to block

Closed Circuit Breather - MkI USA & Canada up to (e) FC50000E

NI	138099	HOSE, rocker cover to breather extension	1	
NI	138016	PIPE, breather extension	1	
NI	138099	HOSE, breather pipe extension to Y piece	1	
NI	138116	HOSE, air cleaner to Y piece, LH	1	
NI	138250	HOSE, air cleaner to Y piece, RH	1	
NI	138380	PLUG, closing breather pipe aperture	1	
NI	GHF120	SCREW	1	
NI	138132	Y PIECE, breather	1	
NI	137191	WASHER, rubber	4	
NI	137192	SPACER	1	

Closed Circuit Breather - MkII

20	212463	HOSE, rocker cover to air cleaner	1	
21	138380	PLUG, closed circuit breather	1	crankcase breather
22	GHF120	SCREW	1	

Closed Circuit Breather - MkIII

25	151444	EMISSION CONTROL VALVE	1	
26	27H7758	DIAPHRAGM, breather valve	1	
27	147414	HOSE, rocker cover to ECV	1	

Note: Use Loctite Studlock for the emission control valve to inlet manifold as required.

Closed Circuit Breather - MkIV

30	216924	HOSE, rocker breather to T piece	1	
31	12G2134	T PIECE	1	twin HS2 carburettor models
32	144938	HOSE, T piece to carbs	2	

Closed Circuit Breather - 1500

35	154220	HOSE, rocker to T piece	1	
36	UAM1600	T PIECE, rocker to carbs	1	twin HS4 models
37	154935	HOSE, T piece to carbs	2	
38	154934	ADAPTOR, breather to carbs	2	

Air Filters - MkI

40	134801	AIR FILTER, wire gauze	2	to (e) FC40531E from (e) FC40532 USA & Canada to (e) FC34889E
	GFE1037	AIR FILTER, paper element	2	
	138117	AIR FILTER, wire gauze, closed breather	2	
	141710	AIR FILTER, paper element, closed breather	2	USA & Canada from (e) FC34890E
41	ACA8014	GASKET, air filter to carburettor	2	
42	BH505181	BOLT, air filter to carburettor	4	
43	GHF332	WASHER, locking	4	

Note: The original wire gauze type air filter (part no. 134801) is no longer available, use air filter part no. GFE1037 as a replacement, or alternatively see our range of K&N air filters for performance air filters.

ill. Part Number Description Req. Details

Air Filters - MkII & MkIII

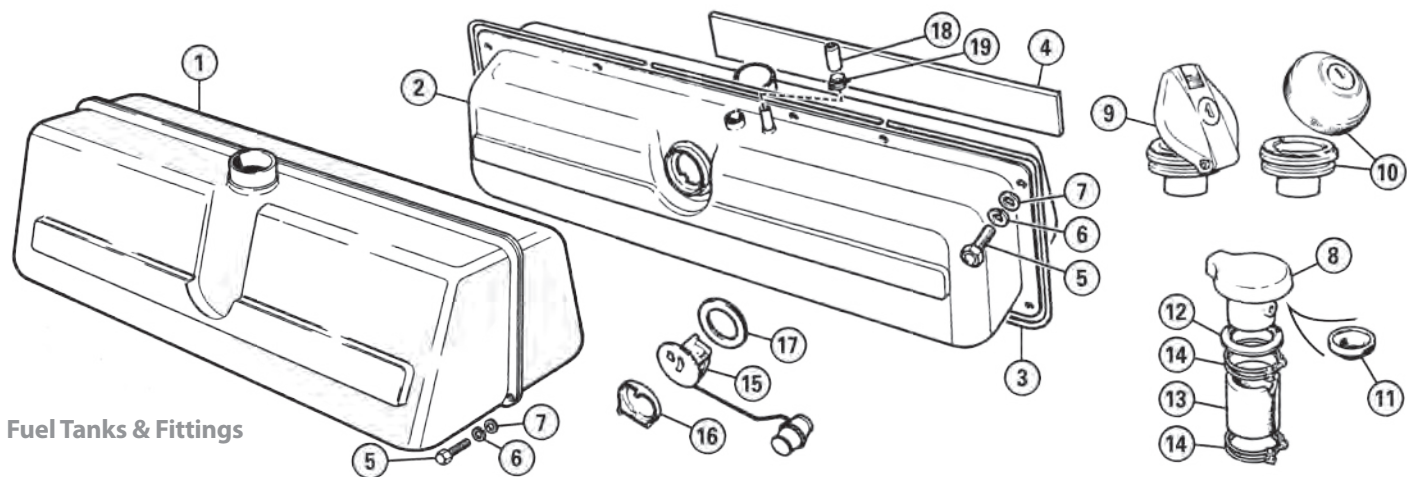
50	212149	AIR CLEANER BOX	1	all MkII, USA & Canada to (e) FC70012 only
	214098	AIR CLEANER BOX	1	
	212147	COVER, assembly, front	1	MkIII, not USA & Canada
51	142472	PLATE, assembly, back	1	
	214097	PLATE, assembly, back	1	all MkII, USA & Canada to (e) FC70012 only
52	141648	SEAL, back plate	1	
53	GFE1037	ELEMENT, air cleaner	2	MkIII, not USA & Canada
54	130415	GASKET, element to air box	2	
55	SH604041	SCREW, cover to backplate	1	
56	GHF331	WASHER, locking	1	
57	GHF300	WASHER, plain	1	
58	ACA8014	GASKET, air filter to carburettor	4	only 2 req. USA & Canada from (e) FC70013
59	BH505181	BOLT, air filter to carburettor	4	
60	GHF332	WASHER, locking	4	

Air Filters - MkIV

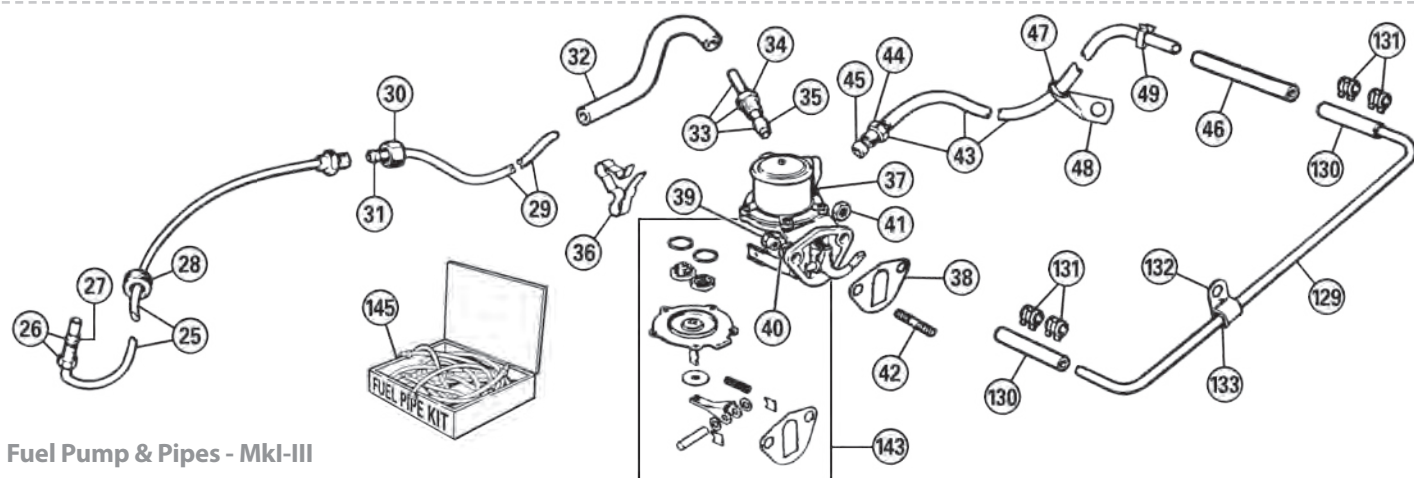
65	217822	AIR CLEANER BOX	1	
66	141648	SEAL, back plate	1	
67	GFE1037	AIR FILTER, 1 1/4"	2	
68	ACA8014	GASKET, 1 1/4"	4	
69	BH505181	BOLT, air cleaner to carburettor	4	
70	GHF332	WASHER, locking	4	
71	SH604041	SCREW	1	
72	GHF331	WASHER, locking	1	
73	GHF300	WASHER, plain	1	
74	616012	AIR HOSE, 29"	2	
75	151784	CLAMP	1	
76	SH604091	SCREW	1	
77	GHF332	WASHER, locking	1	
78	156511	SPACER	1	
79	GHF201	NUT, plain	1	

Air Filters - 1500

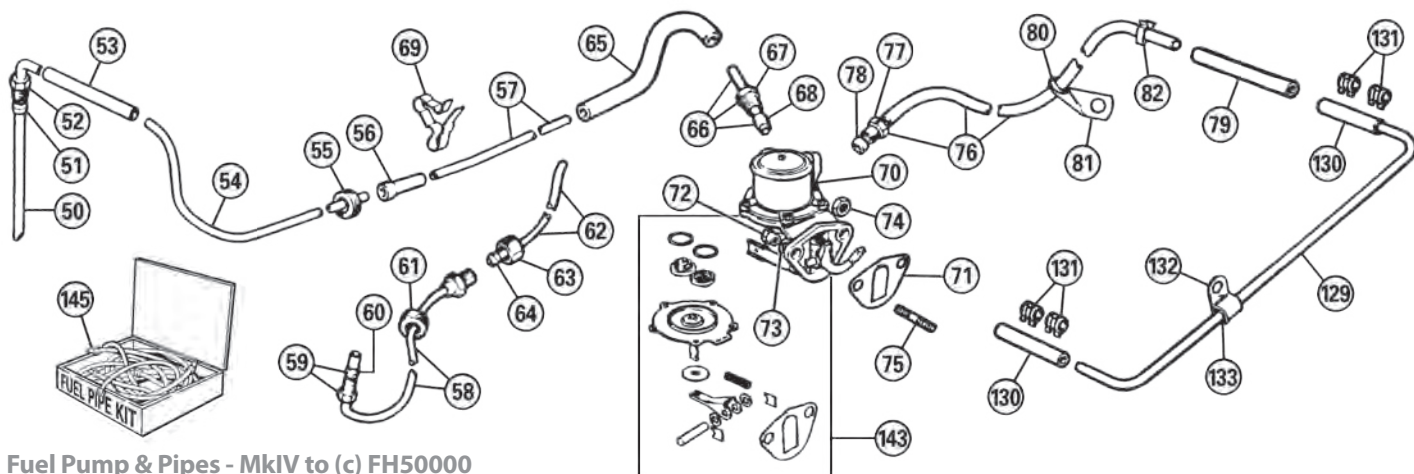
80	RKC4165	AIR CLEANER BOX	1	to (c) FH127151 from (c) FH127152
	TKC1570	AIR CLEANER BOX	1	
81	141648	SEAL, back plate	1	
82	GFE1063	AIR FILTER, Classic Gold	2	
83	12G2125	GASKET	4	
84	BH505181	BOLT, air box to carburettors	4	
85	GHF332	WASHER, locking	4	
86	623313	PIPE CLIP	1	to (e) FM105278 from (e) FM105278
	626960	PIPE CLIP	1	
87	SH604041	SCREW	1	
88	GHF331	WASHER, locking	1	
89	GHF300	WASHER, plain	1	
90	616012	AIR HOSE, 29"	2	
91	151784	CLAMP	1	
92	SH604091	SCREW	1	
93	GHF332	WASHER, locking	1	
94	156511	SPACER	1	
95	GHF201	NUT	1	



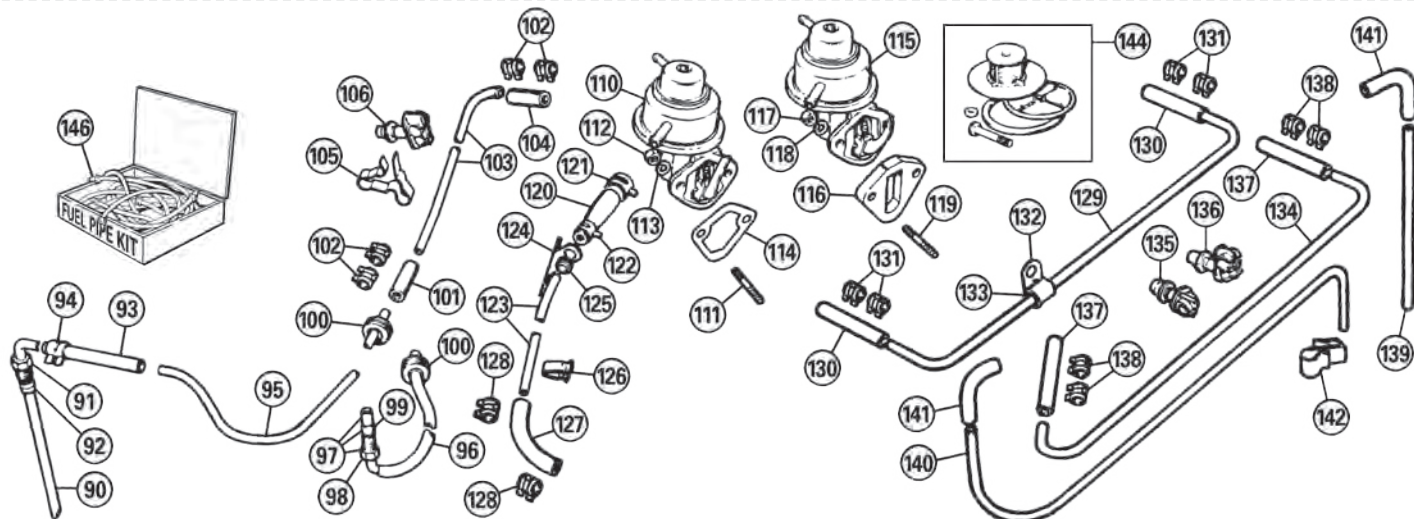
Fuel Tanks & Fittings



Fuel Pump & Pipes - MkI-III



Fuel Pump & Pipes - MkIV to (c) FH50000



Fuel Pump & Pipes - MkIV from (c) FH50001 except Germany

ill.	Part Number	Description	Req.	Details
Fuel Tank, Pipes & Pump				
1	311589	FUEL TANK	1	MkI-IV to (c) FH50000
2	RKC3395	FUEL TANK	1	MkIV from (c) FH50001, 1500
3	154036	FINISHER, tank edge	1	MkIV-1500 glued to tank
4	107562	PAD, felt, anti-rattle	1	
5	GHF103	SCREW, tank mounting	5	
6	GHF332	WASHER, locking	5	
7	PWZ305	WASHER, plain	5	
8	613506	FUEL CAP, vented	1	MkI-III
	725117	FUEL CAP, vented	1	MkIV-1500 alternative
	725570	FUEL CAP, non vented	1	
9	GAC6001X	FUEL CAP, locking, lozenge shaped	1	(cut neck length to fit)
10	571086	FUEL CAP, locking, round shape	1	
11	718738	SEAL, vented	1	
	725220	SEAL, non vented	1	
12	650247	GROMMET, filler neck to rear deck	1	
13	650279	HOSE, filler neck to tank	1	
14	CS4038	CLAMP, wire type	2	original filler hose alternative
	GHC11060	CLAMP, band type	2	
	CS4042	CLAMP, wire type	2	fits UKC9920 hose alternative
	GHC11080	CLAMP, band type	2	
15	TKC2053	SENDER UNIT, fuel gauge	1	
16	ARA1501	RING, locking, sender unit	1	
17	ARA1502	SEALING RING, sender unit	1	
18	158554	CAP, blanking vent	a/r	MkIV-1500 a/r
19	UKC3793	CLIP, securing blanking cap	a/r	

Fuel Pump & Pipes - MkI-III

25	305953	PIPE, fuel feed	1	
26	AHA5535	TUBE NUT & OLIVE	1	
27	TL7	OLIVE	1	
28	600395	GROMMET	1	
29	305824	PIPE, fuel feed	1	
30	134942	TUBE NUT	1	
31	TL7	OLIVE	1	
32	122796	CONNECTOR	1	
33	AHA5535	TUBE NUT & OLIVE, pump inlet	1	
34	060176	TUBE NUT	1	
35	TL7	OLIVE	1	
36	059191	CLIP	2	fuel & brake pipes to chassis
37	208493Z	FUEL PUMP	1	screw in connections
38	138591	GASKET, fuel pump to engine	1	
(Original fuel pumps require the use of a tube nut to attach it on its rearward mounting stud. The tube nut allows clearance for the manual priming lever to operate and allows easier fitting of the nut).				
39	GHF201	TUBE NUT	1	
40	GHF332	WASHER, locking	2	
41	GHF201	NUT	1/2	
42	TE605105	STUD, pump to engine	2	
43	305946	PIPE, fuel pump to carburetors	1	
44	060176	TUBE NUT	1	
45	TL7	OLIVE	1	
46	122796	CONNECTOR	1	
47	061917	GROMMET	1	
48	155959	BRACKET, tube supporting	1	
49	138892	CLIP, vacuum pipe to fuel tube	1	

Fuel Pump & Pipes - MkIV to (c) FH50000

50	155083	PIPE, fuel pick up	1	
51	TL8	OLIVE	1	
52	060142	TUBE NUT	1	all markets except Germany
53	144938	HOSE, rubber	1	
54	216006	TUBE, fuel feed	1	
55	600395	GROMMET	1	
56	153300	CONNECTOR, 5/16" to 1/4"	1	
	153300Z	CONNECTOR, 5/16" to 1/4", aftermarket	1	
57	155506	TUBE, fuel feed	1	
58	305953	PIPE, fuel feed	1	
59	AHA5535	TUBE NUT & OLIVE	1	German market only
60	TL7	OLIVE	1	
61	600395	GROMMET	1	
62	305824	PIPE, fuel feed	1	
63	134942	TUBE NUT	1	
64	TL7	OLIVE	1	
65	122796	CONNECTOR	1	
66	AHA5535	TUBE NUT & OLIVE, pump inlet	1	
67	060176	TUBE NUT	1	
68	TL7	OLIVE	1	
69	059191	CLIP	2	fuel & brake pipes to chassis
70	208493Z	FUEL PUMP	1	screw in connections
71	138591	GASKET, fuel pump to engine	1	

ill.	Part Number	Description	Req.	Details
(Original fuel pumps require the use of a tube nut to attach it on its rearward mounting stud. The tube nut allows clearance for the manual priming lever to operate and allows easier fitting of the nut).				
72	GHF201	TUBE NUT	1	
73	GHF332	WASHER, locking	2	
74	GHF201	NUT	1/2	
75	TE605105	STUD, pump to engine	2	
76	305946	PIPE, fuel pump to carburetors	1	
77	060176	TUBE NUT	1	
78	TL7	OLIVE	1	
79	122796	CONNECTOR	1	
80	061917	GROMMET	1	
81	155959	BRACKET, tube supporting	1	
82	138892	CLIP, vacuum pipe to fuel tube	1	

**MkIV from (c) FH50001 except Germany
1500 except D, B, DK, F, NL, I, CH, A to (c) FH75379**

90	TKC5419	PIPE, fuel pick up	1	
91	060142	TUBE NUT	1	
92	TL8	OLIVE	1	
93	144938	HOSE, rubber	1	
94	UKC3795	CLIP, securing connector to tube	2	
95	215975	PIPE, fuel feed	1	

**MkIV from (c) FH50001 German markets
1500 up to (c) FH75379 D, B, DK, F, NL, I, CH, A only**

96	UKC1764	PIPE, fuel feed	1	
97	AHA5535	TUBE NUT & OLIVE	1	
98	060176	TUBE NUT	1	
99	TL7	OLIVE	1	

All MkIV from (c) FH50001 & 1500

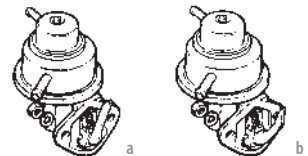
100	600395	GROMMET	1	
101	115784	CONNECTOR	1	
102	UKC3795	CLIP, securing connector	4	
103	PKC828	TUBE, fuel feed	1	
104	149608	CONNECTOR, tube to pump inlet	1	
105	059191	CLIP, metal, (alternative)	3	fuel & brake pipes to chassis
106	624155	CLIP, plastic, (alternative)	3	

A) Straight Lever

Pumps with Straight levers
do NOT use spacer block.

B) Curved Hook Lever

Pumps with Hooked levers
DO use spacer block.

**Fuel Pumps with Push-on Fuel Connections**

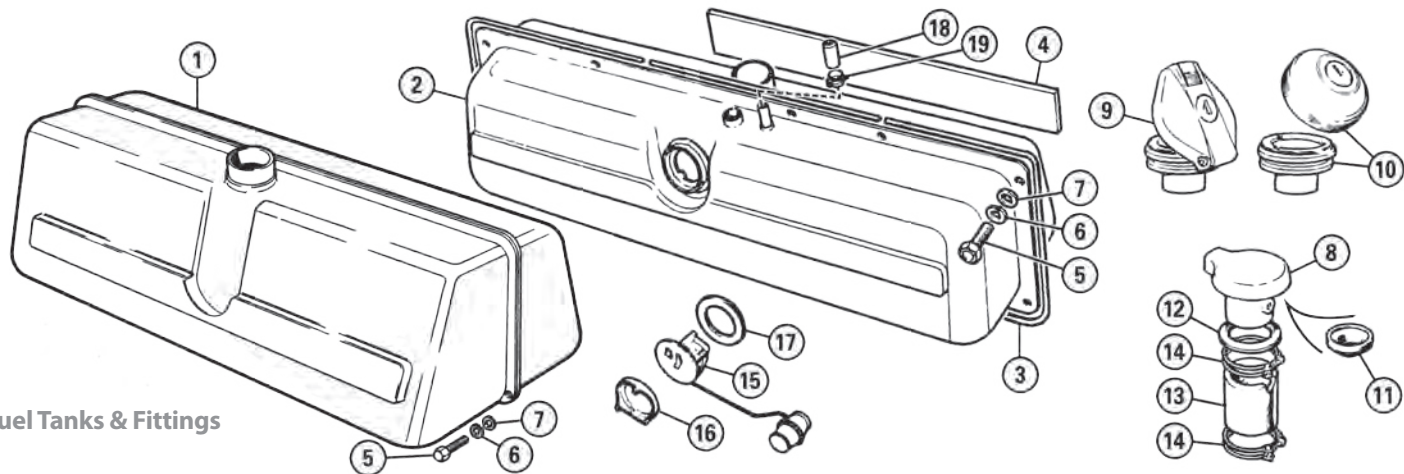
- A) Straight Lever
Pumps with Straight levers do NOT use spacer block
- B) Curved Hook Lever
Pumps with Hooked levers DO use spacer block

Triumph changed the pump installation at engine no. FM93157. The new installation included a spacer block between the engine and pump. The later pump must be fitted with the block and conversely the early pump must not. This is due to different types of contact desired between the lever & the camshaft.

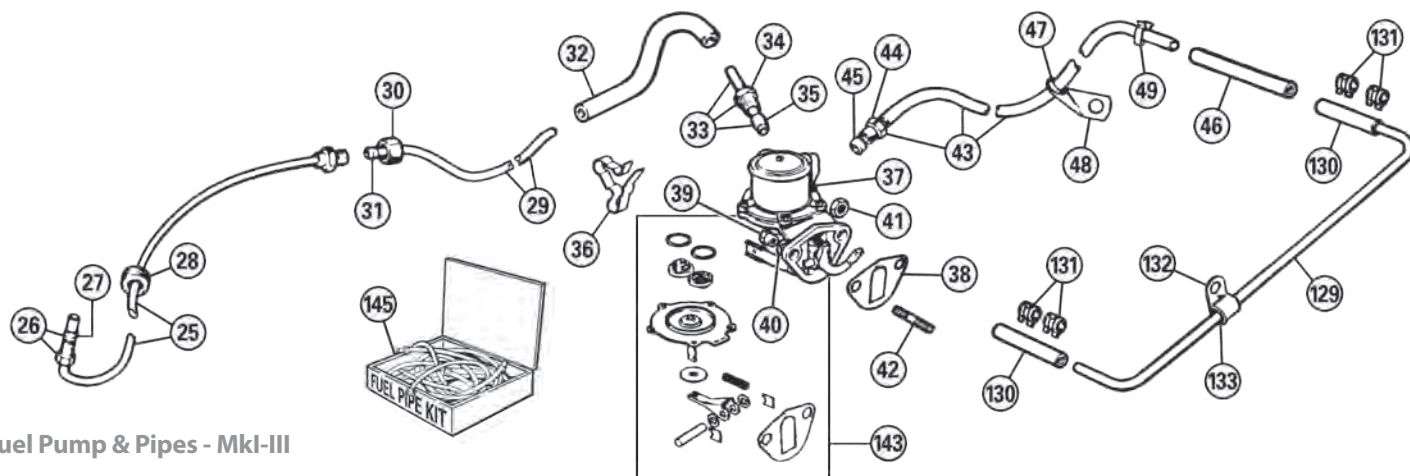
Note: That aftermarket versions of the pumps may have lever profiles which only approximate to the illustrations.

110	RKC1624Z	FUEL PUMP	1	
111	TE605105	STUD, pump to engine	2	
112	GHF201	NUT	2	pumps fitted without 13mm spacer block
113	GHF332	WASHER, locking	2	
114	138591	GASKET, pump to block	1	
115	TKC3417Z	FUEL PUMP	1	
116	UKC8523	SPACER BLOCK, 13mm	1	pumps fitted with 13mm spacer block
117	GHF201	NUT	2	
118	GHF332	WASHER, locking	2	
119	TE605141	STUD, pump to engine	2	

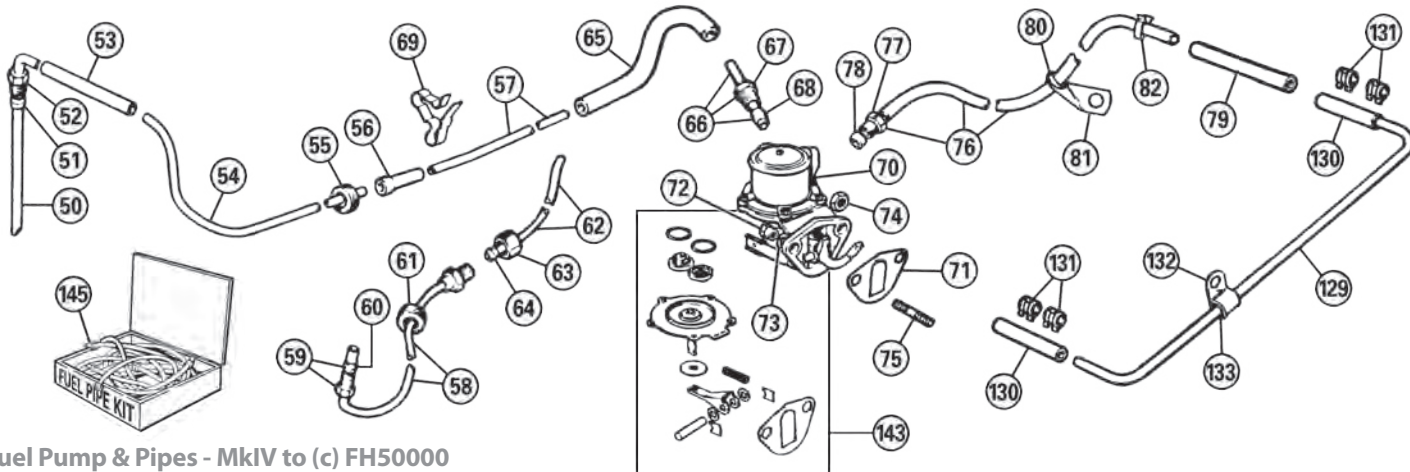
Note: If in doubt as to what you have or need - order the pump, and its correct studs, spacer block or gasket, depending on the pump chosen.



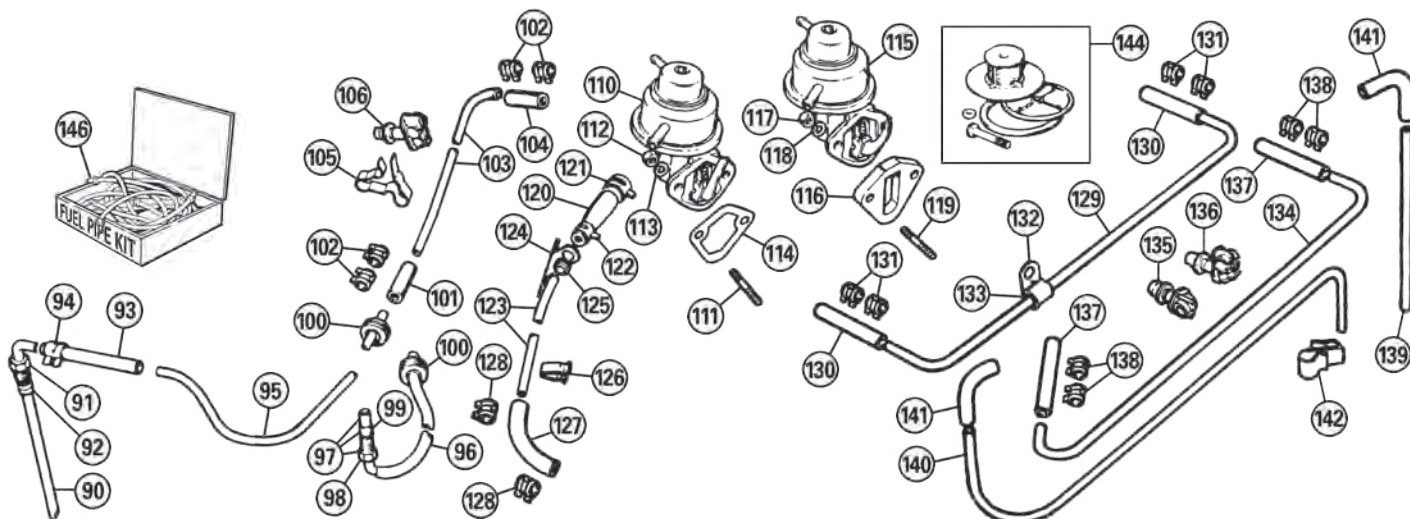
Fuel Tanks & Fittings



Fuel Pump & Pipes - Mkl-III



Fuel Pump & Pipes - MkIV to (c) FH50000



Fuel Pump & Pipes - MkIV from (c) FH50001 except Germany

ill.	Part Number	Description	Req.	Details
Fuel Tank, Pipes & Pump (Continued)				
120	144938	HOSE rubber, 5/16" int. dia.	1	to (c) FH59688E
	153300	CONNECTOR, 5/16" to 1/4"	1	] from (c) FH59689E
	153300Z	CONNECTOR, 5/16" to 1/4", aftermarket	1	
121	UKC3795	CLIP, 1/2" int. dia.	1/2	
122	UKC3794	CLIP, 7/16" int. dia.	1	
123	TKC680	TUBE, fuel feed, 5/16" outer dia.	1	to (c) FH59688E
	310221	TUBE, fuel feed, 1/4" outer dia.	1	from (c) FH59689E
124	155959	BRACKET, tube support	1	
125	061917	GROMMET, in bracket	1	alternatives
126	138892	CLIP, vacuum pipe to fuel tube	2/3	
127	153300	CONNECTOR, 5/16" to 1/4"	1	] to (c) FH59688E
	153300Z	CONNECTOR, 5/16" to 1/4", aftermarket	1	
	120331	CONNECTOR, 1/4" int. dia.	1	from (c) FH59689E
128	UKC3795	CLIP, 1/2" outer dia.	1	
	UKC3794	CLIP, 7/16" outer dia.	1/2	
129	310221	TUBE, fuel feed, carb to carb	1	Mkl-IV
130	120331	CONNECTOR	2	] alternatives
	125170	CONNECTOR	2	
131	UKC3793	CLIP, connector clamping	4	if fitted
132	CP110125	CLIP, fuel tube	2	] Mkl-IV only
133	114178	GROMMET, tube	2	
134	310221	TUBE, fuel feed, carb to carb	1	1500 engines
135	623313	CLIP, single, 1/4" pipe	1	to (c) FM105277E
136	629596	CLIP, twin, 1/4" & 5/16" pipe	1	from (c) FM105278E
137	120331	CONNECTOR	2	] alternatives
	125170	CONNECTOR	2	
138	UKC3793	CLIP	4	
139	215924	TUBE, overflow, front	1	] from (c) FM105278E
140	215938	TUBE, overflow, rear	1	
141	125170	CONNECTOR, tube to carb	2	
142	C45174	CLIP, overflow tube	1	
143	BAU5077	REPAIR KIT, fuel pump	1	screw in connections
144	37H7281	REPAIR KIT, fuel pump	1	push on connections
145	HFFK10	FUEL PIPE KIT, copper	1	GT6 I-III
	HFFK9	FUEL PIPE KIT, copper	1	Spitfire I-III
	HFFK8	FUEL PIPE KIT, copper	1	Spitfire IV to (c) FH50000E
146	HFFK13	FUEL PIPE KIT, copper	1	] Spitfire IV-1500] (c) FH50001E on

ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------

Proper use of a Spitfire Manual Choke

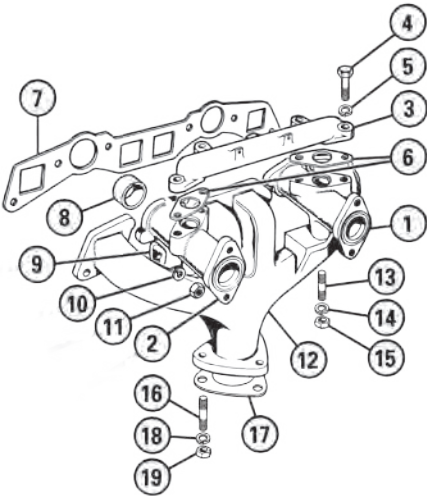
Pulling out the choke knob causes two distinct mechanical things happen to your carburettors.

- A) The first third of movement increases the idle speed, this can often be observed by the accelerator pedal moving downwards.
- B) The next two thirds of movement continues to increase the idle speed while enriching the fuel/air mixture.

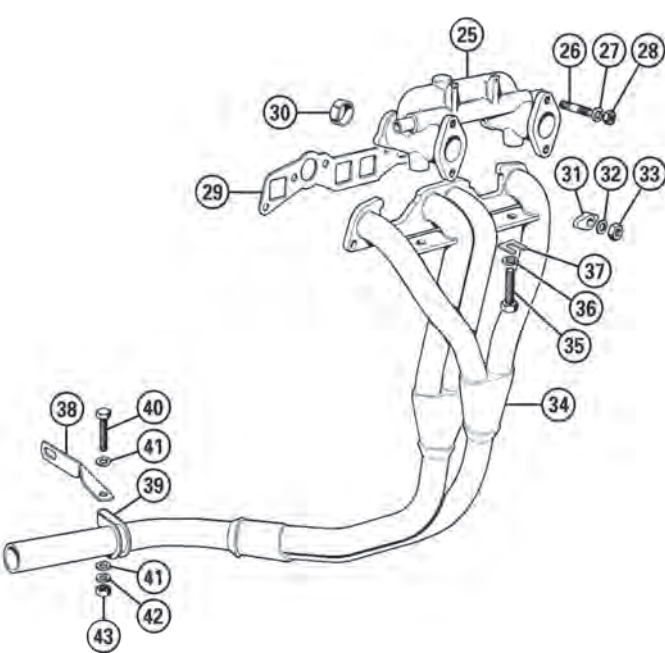
To start your Triumph from cold you should always use full choke.

Once the engine has started, feed the choke back in to obtain a smooth fast idle which has sufficient mixture enrichment to allow smooth acceleration but not rough idling. The real trick is to gradually feed the choke back in as the engine warms up and retain 'normal running & pick up'.

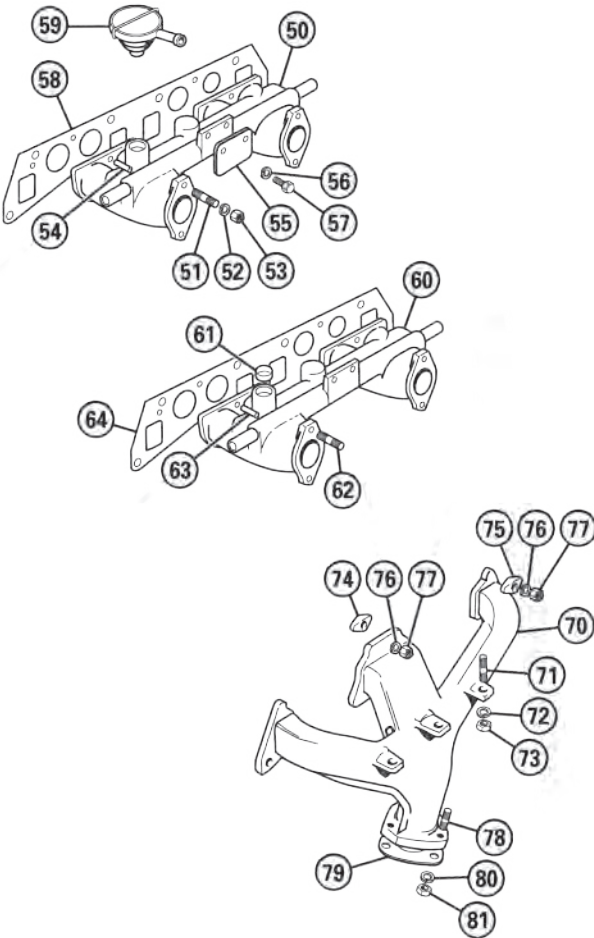
Whatever happens the choke must be pushed fully in before the engine reaches normal running temperature. Remember too little choke will mean bad cold starting and hesitant pick-up while the engine is warming up. Too much choke will give a lumpy tickover, excessive fuel consumption and more dramatically, increased cylinder bore wear due to the petrol washing off the lubricating oil from the cylinder walls. If your Spitfire does not warm up quickly to the correct temperature, check the operation of the radiator thermostat. If in doubt read the service manual about resetting the choke mixture & fast idle.



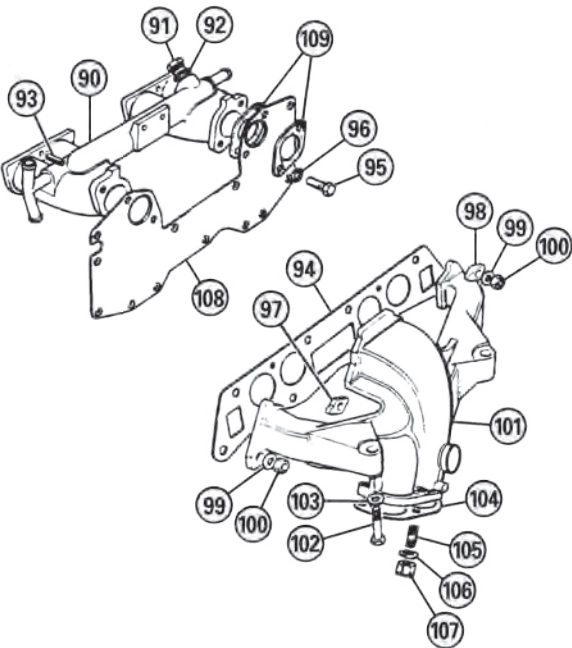
Manifolds (Inlet/Exhaust) - MkI



Manifolds (Inlet/Exhaust) - MkII



Manifolds (Inlet/Exhaust) - MkIII-IV



Manifolds (Inlet/Exhaust) - 1500

ill.	Part Number	Description	Req.	Details
Manifolds				
Manifolds (Inlet/Exhaust) - Mkl				
1	209947	MANIFOLD, inlet, front	1	
2	209946	MANIFOLD, inlet, rear	1	
3	136830	PIPE, balance, inlet manifolds	1	
4	BH605141	BOLT, balance pipe & header bracket	2	early Mkl to (e) FC39925
5	GHF332	WASHER, locking	2	
	137191	WASHER, rubber	4	
	137192	SPACER	2	
	WD108051	WASHER, plain	2	
4	BH605141	BOLT, balance pipe	2/4	quantity increased after (e) FC39926
5	GHF332	WASHER, locking	2/4	
6	136831	GASKET, balance pipe	2	
7	GEG615	GASKET, manifold	1	
8	112971	SLEEVE, locating	2	inlet manifold to head
9	058258	CLAMP, manifold, small	4	
10	GHF333	WASHER, locking	6	
11	100498	NUT, manifold	6	
12	306212	MANIFOLD, exhaust, cast iron	1	
13	056243	STUD, inlet	2	inlet to exhaust manifold
14	GHF333	WASHER, locking	2	
15	GHF202	NUT	2	
16	TE605105	STUD	3	exhaust pipe to manifold
17	GEG702	GASKET, exhaust pipe	1	
18	GHF302	WASHER, locking	3	
19	GHF261	NUT	3	
Manifolds (Inlet/Exhaust) - MkII				
25	307265	MANIFOLD, inlet	1	
	144072	MANIFOLD, inlet	1	USA & Canada only from FC70013
26	105124	STUD	4	
27	GHF333	WASHER, locking	4	carburettor to manifold
28	GHF202	NUT	4	
29	GEG615	GASKET, manifold	1	
30	112971	SLEEVE, locating	2	inlet manifold to head
31	058258	CLAMP, manifold, small	4	
32	GHF333	WASHER, locking	6	
33	100498	NUT	6	
34	307270	MANIFOLD, exhaust, tubular	1	
35	SH506071	SCREW	2	inlet to exhaust manifold
36	GHF333	WASHER, locking	2	
37	143017	SHIM	a/r	
38	143521	BRACKET, support	1	
39	GEX7512	CLAMP, manifold to bracket	1	
40	BH605191	BOLT	1	clamp to bracket
41	GHF301	WASHER, plain	1	
42	GHF332	WASHER, locking	1	
43	GHF201	NUT	1	

Manifolds (Inlet) - MkIII

50	TT1458	MANIFOLD, inlet	1	all excl. USA from FE75001E or Sweden from FD75001E
	309104	MANIFOLD, inlet	1	
	216170	MANIFOLD, inlet	1	
51	105124	STUD, carburettor to manifold	4	
	129383	STUD, carburettor to manifold	2	for MkIII USA anti smog
52	GHF333	WASHER, locking	4	
	GHF332	WASHER, locking	2	for MkIII USA anti smog
53	GHF202	NUT	4	
	GHF201	NUT	2	for MkIII USA anti smog
54	DS2512	ROLL PIN, locating inlet manifold	2	
55	147861	PLATE, mounting throttle springs	1	
56	GHF331	WASHER, locking	2	
57	SH604041	SCREW	2	
58	GUG4041MG	GASKET, manifold	1	
59	151444	EMISSION CONTROL VALVE	1	

Manifolds (Inlet) - MkIV

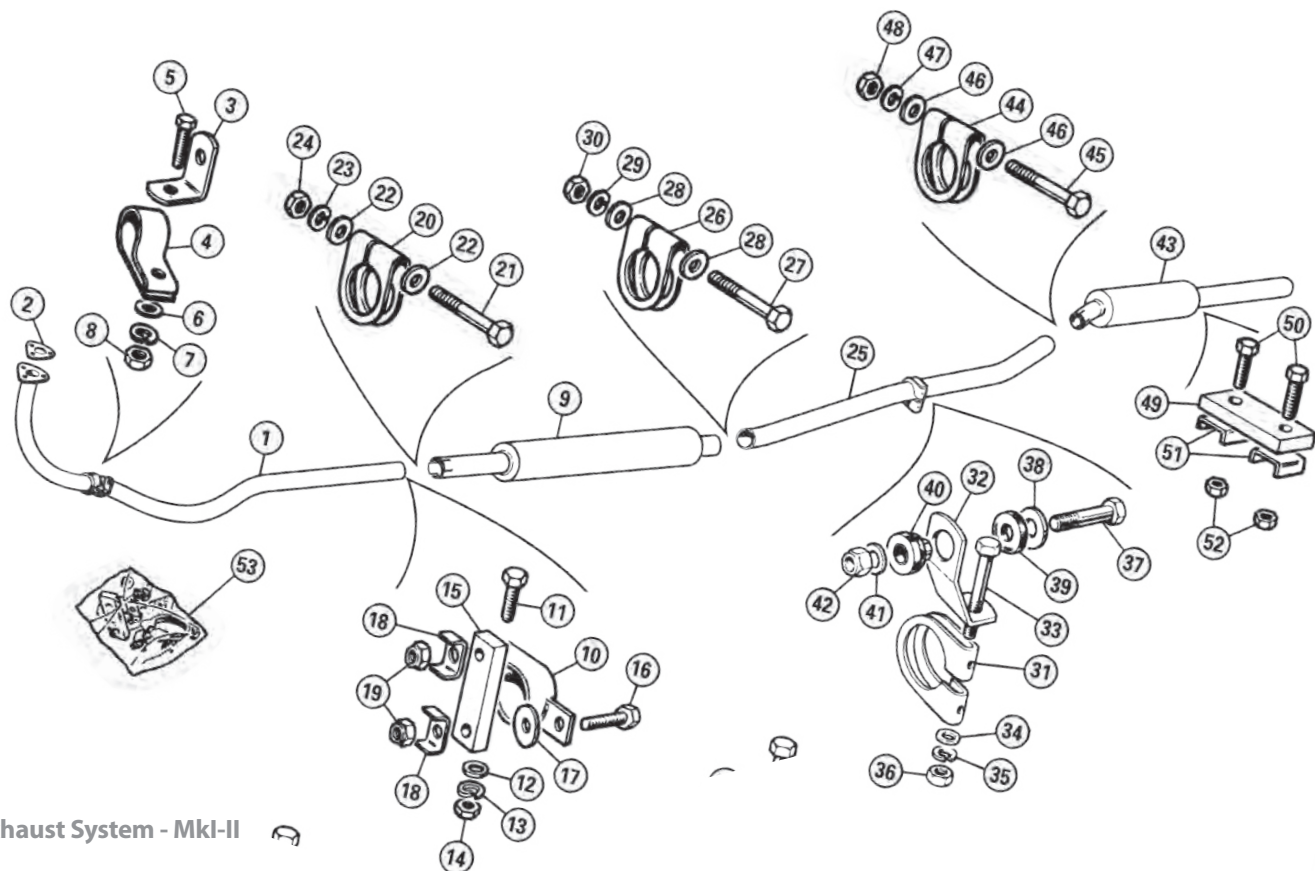
60	TT1458	MANIFOLD, inlet, 2 connectors	1	to FH59688E
	311925	MANIFOLD, inlet, 3 connectors	1	from FH59689E
61	154053	CORE PLUG	1	
62	105124	STUD	4	
63	DS2516	ROLL PIN, manifold	2	
64	GUG4041MG	GASKET, manifold	1	

ill.	Part Number	Description	Req.	Details
Manifolds (Exhaust) - MkIII-IV				
70	308086	MANIFOLD, exhaust	1	
71	TE505111	STUD	2	inlet to exhaust manifold
72	GHF332	WASHER, locking	2	
73	GHF201	NUT	2	
74	137845	CLAMP, manifold, large	2	
75	058258	CLAMP, manifold, small	4	
76	WP20X	WASHER, plain	8	
	GHF333	WASHER, locking	8	
77	100498	NUT	8	
78	TE605105	STUD	3	exhaust to manifold
79	GEG701	GASKET, exhaust pipe	1	
80	GHF332	WASHER, locking	3	
81	GHF261	NUT, brass	3	alternatives
	515369	NUT, stainless steel	3	

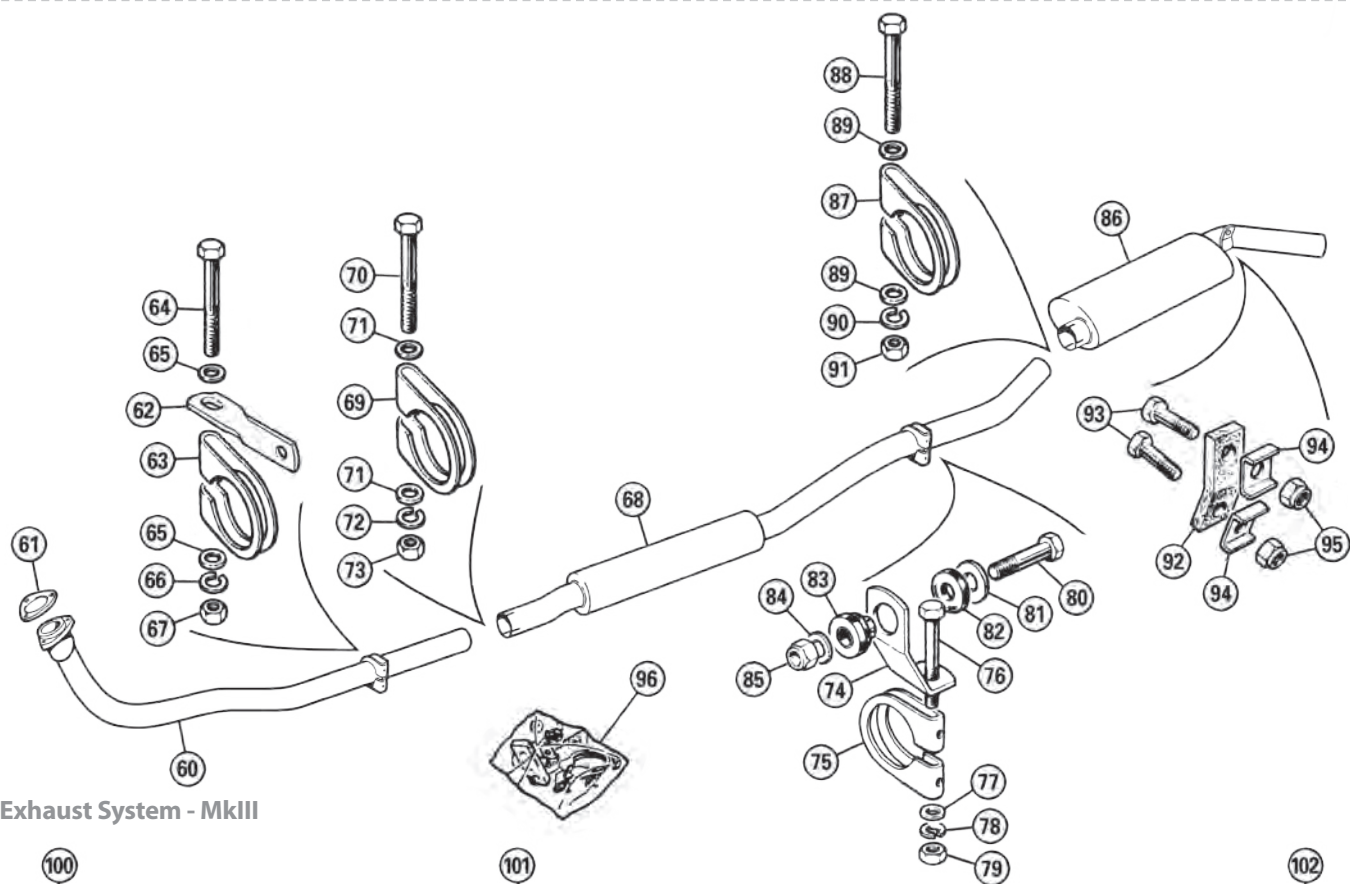
Manifolds (Inlet/Exhaust) - 1500

90	RKC723	MANIFOLD, inlet	1	
91	ADP210	PLUG, blanking	1	
92	AAA836	WASHER, fibre	1	
93	DS2512	ROLL PIN, manifold	2	
94	AJM681	GASKET, manifold	1	
95	SH505101	SCREW	4	to manifold carburettor & heat shield
96	GHF332	WASHER, locking	4	
97	137845	CLAMP, manifold, large	2	
98	058258	CLAMP, manifold, small	4	
99	WP20X	WASHER, plain	8	
100	100498	NUT	8	
101	RKC648	MANIFOLD, exhaust	1	
102	SH505141	SCREW	2	
103	GHF332	WASHER, locking	2	
104	GEG739	GASKET, manifold to down pipe	1	
105	TE605105	STUD	3	
106	GHF332	WASHER, locking	3	
107	515369	NUT, stainless steel	3	alternatives
	GHF261	NUT, brass	3	
108	UKC8372	HEAT SHIELD, carburettors	1	
	UKC8372Z	HEAT SHIELD, carburettors, aftermarket	1	
	UKC8372SS	HEAT SHIELD, carburettors, s/steel	1	
109	UKC2992	GASKET	4	carburettor to heat shield & heat shield to manifold

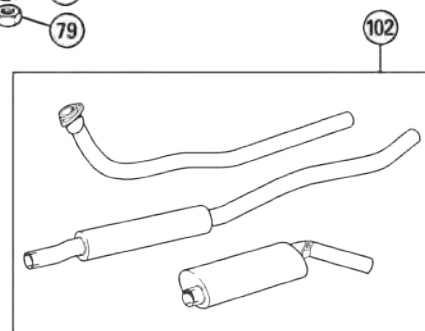
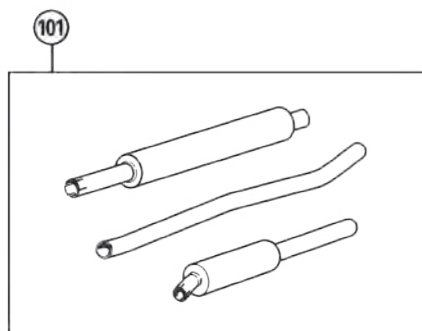
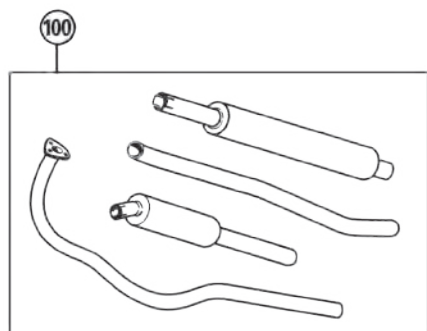
*Note: Gaskets were used 'to approx. mid 1977' when the heat shield was manufactured in a new material that no longer required gaskets. The part number remained unchanged. Ours are made to the early specification and require gaskets.



Exhaust System - MkII



Exhaust System - MkIII



ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------

Exhaust System - Mkl-II

1	GEX1250	FRONT PIPE, mild steel	1	Mkl
	BSTH34	FRONT PIPE, stainless steel	1	
2	GEG702	GASKET, manifold to front pipe	1	
3	134345	BRACKET, pipe to engine backplate	1	
4	136556	CLAMP, exhaust	1	
5	SH605091	SCREW, exhaust clamp	1	
6	GHF301	WASHER, plain	1	
7	GHF332	WASHER, spring	1	
8	GHF201	NUT	1	

Note: The front pipe listed above is for Mkl models, for details on MklII front pipe please see the manifold section.

9	GEX3199	FRONT SILENCER, mild steel	1	Mkl-II
	BSTH35	FRONT SILENCER, stainless steel	1	
10	GEX7504	CLAMP, exhaust	1	
11	SH605091	SCREW, exhaust clamp	1	
12	GHF301	WASHER, plain	1	
13	GHF332	WASHER, spring	1	
14	GHF201	NUT	1	Mkl to (c) FC28016
15	GEX7044	STRAP, exhaust, flexible	1	
16	SH605091	SCREW, strap to clamp	2	
17	GHF301	WASHER, insulating	2	
18	GEX7510	CLAMP, strap	2	
19	GHF272	NUT, nyloc	2	
20	GEX7504	CLAMP, exhaust, silencer to front pipe	1	
21	BH605201	BOLT, exhaust clamp	1	
22	GHF301	WASHER, plain	2	Mkl-II from (c) FC28017
23	GHF332	WASHER, lock	1	
24	GHF201	NUT	1	
25	HRSU982	INTERMEDIATE PIPE, mild steel	1	
	BSTH36	INTERMEDIATE PIPE, stainless steel	1	
	212511	INTERMEDIATE PIPE, mild steel	1	Germany only
26	GEX7504	CLAMP, exhaust	1	silencer to inter' pipe
27	BH605201	BOLT, exhaust clamp	1	
28	GHF301	WASHER, plain	2	
29	GHF332	WASHER, lock	1	
30	GHF201	NUT	1	
31	GEX7589	CLAMP, exhaust, for mounting bracket	1	
32	GEX7496	BRACKET, clamp to diff mount plate	1	
33	BH605201	BOLT, exhaust clamp	1	
34	GHF301	WASHER, plain	1	
35	GHF332	WASHER, lock	1	
36	GHF201	NUT	1	Mkl-II from (c) FC28017
37	BH605101	BOLT, bracket to diff mount plate	1	
38	GHF301	WASHER, plain	1	
39	GEX7330	WASHER, rubber	1	
40	GEX7329	BUSH, bracket to diff mount plate	1	
41	GHF301	WASHER, plain	1	
42	GHF272	NUT, nyloc	1	
43	HRSU806	REAR SILENCER, mild steel	1	
	BSTH37	REAR SILENCER, stainless steel	1	
	212513	REAR SILENCER, mild steel	1	Germany only
44	GEX7504	CLAMP, exhaust	1	inter' pipe to rear silencer
45	BH605201	BOLT, exhaust clamp	1	
46	GHF301	WASHER, plain	2	
47	GHF332	WASHER, lock	1	
48	GHF201	NUT, plain	1	
49	GEX7359	STRAP, exhaust, flexible	1	
50	GHF103	SCREW, strap to clamp	2	
51	GEX7510	CLAMP, strap to clamp	2	
52	GHF272	NUT, nyloc	2	
53	GFK6600X	FITTING KIT, exhaust	1	Mkl
	GFK6610X	FITTING KIT, exhaust	1	MkII

Exhaust System - MkIII

60	GEX1252	FRONT PIPE, mild steel	1	
	BSTH66	FRONT PIPE, stainless steel	1	
61	GEG701	GASKET, manifold to front pipe	1	
62	GEX7511	BRACKET, exhaust support	1	pipe to gearbox
63	GEX7509	CLAMP, exhaust	1	pipe to bracket
64	BH605211	BOLT, exhaust clamp	1	
65	GHF301	WASHER, plain	2	
66	GHF332	WASHER, lock	1	
67	GHF201	NUT	1	
68	HRSU1476	FRONT SILENCER & PIPE, mild steel	1	
	BSTH62	FRONT SILENCER & PIPE, s/steel	1	
69	GEX7506	CLAMP, exhaust	1	front silencer to front pipe
70	BH605221	BOLT, exhaust clamp	1	
71	GHF301	WASHER, plain	2	

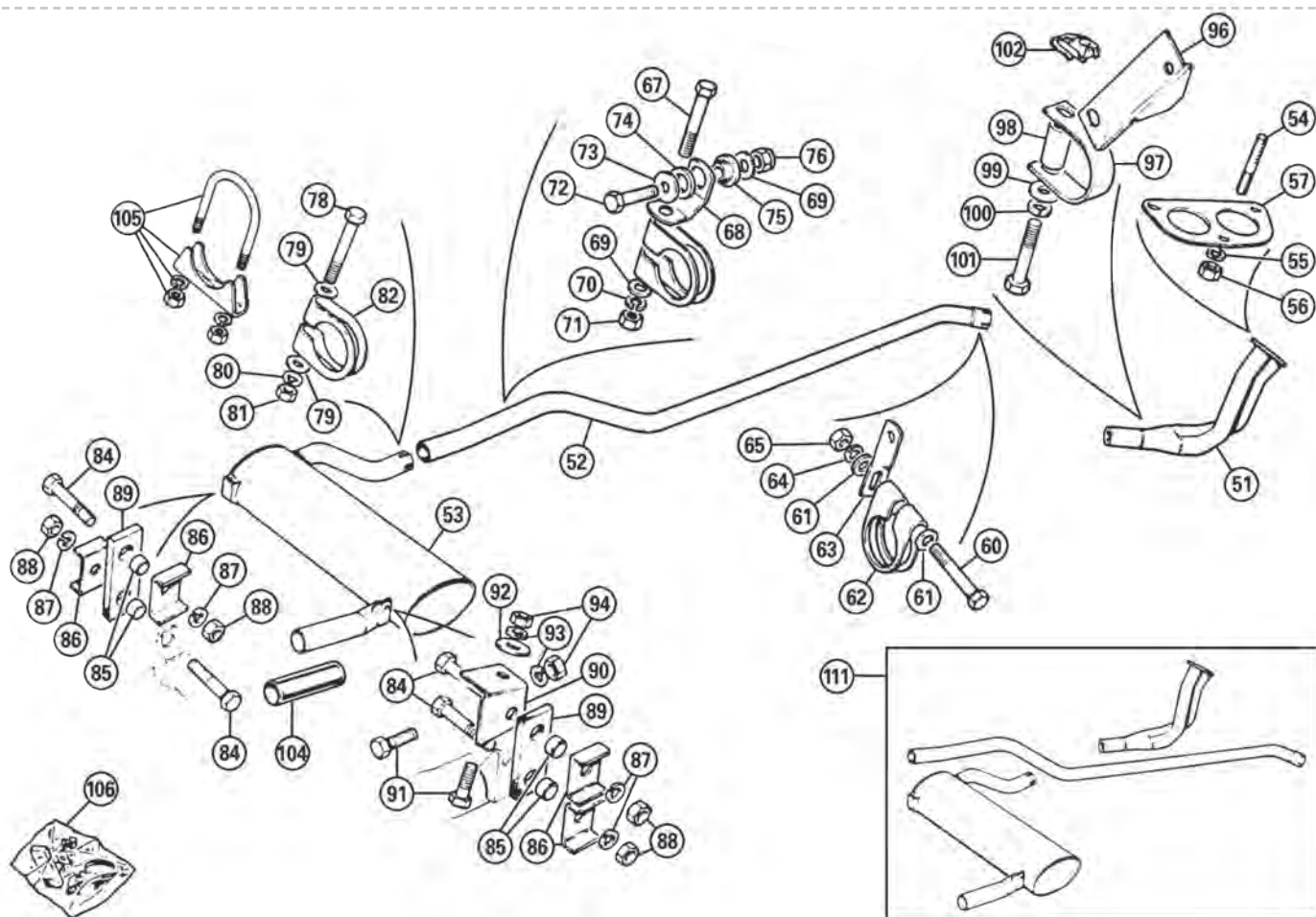
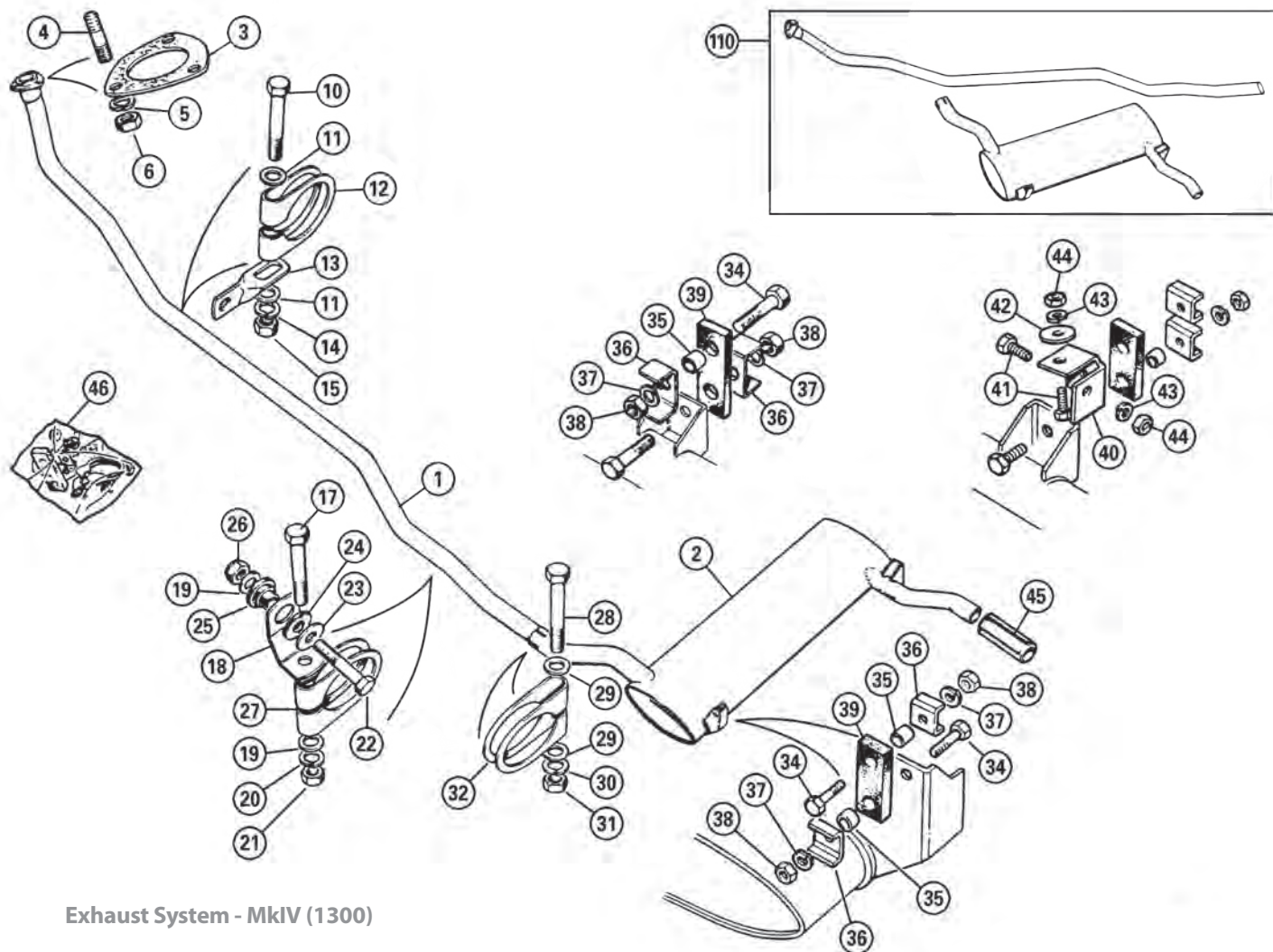
ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------

72	GHF332	WASHER, lock	1	
73	GHF201	NUT	1	
74	GEX7496	BRACKET, clamp to diff. mounting plate	1	
75	GEX7509	CLAMP, exhaust	1	for mounting bracket
76	BH605201	BOLT, exhaust clamp	1	
77	GHF301	WASHER, plain	1	
78	GHF332	WASHER, lock	1	
79	GHF201	NUT	1	
80	BH605101	BOLT, bracket to diff. mount plate	1	
81	GHF301	WASHER, plain	1	
82	GEX7330	WASHER, rubber	1	
83	GEX7329	BUSH, bracket to diff. mount plate	1	
84	GHF301	WASHER, plain	1	
85	GHF272	NUT, nyloc	1	
86	HRSU1585	REAR SILENCER, mild steel	1	
	BSTH67	REAR SILENCER, stainless steel	1	
87	GEX7506	CLAMP, exhaust	1	inter' pipe to rear silencer
88	BH605221	BOLT, exhaust clamp	1	
89	GHF301	WASHER, plain	2	
90	GHF332	WASHER, lock	1	
91	GHF201	NUT	1	
92	GEX7359	STRAP, exhaust, flexible	1	
93	GHF103	SCREW, strap to clamp	2	
94	GEX7510	CLAMP, strap to clamp	2	
95	GHF272	NUT, nyloc	2	
96	GFK6620X	FITTING KIT, exhaust	1	

Stainless Steel Standard Exhaust Systems - Mkl-III

100	862-135	EXHAUST SYSTEM, stainless steel	1	Mkl
	GFK6600X	FITTING KIT, exhaust	1	
101	862-136	EXHAUST SYSTEM, stainless steel	1	MkII
	GFK6610X	FITTING KIT, exhaust	1	
102	862-137	EXHAUST SYSTEM, stainless steel	1	MkIII
	GFK6620X	FITTING KIT, exhaust	1	

Note: These systems do not include fixings; order the appropriate fixing kit.



ill.	Part Number	Description	Req.	Details
Exhaust System - MkIV (1300)				
1	GEX1439	FRONT PIPE, mild steel	1	front pipe supplied in 2 pieces
	BSTH66	FRONT PIPE, stainless steel	1	
	BSTH121	LINK PIPE, stainless steel	1	
2	GEX3668	SILENCER, single tail pipe, mild steel	1	alternatives
	BSTH150	SILENCER, single tail pipe, stainless	1	
	GEG701	GASKET, manifold to front pipe	1	
4	TE605105	STUD, manifold to front pipe	3	alternatives
5	GHF332	WASHER, locking	3	
6	515369	NUT, stainless steel	3	
	GHF261	NUT, brass	3	alternatives
10	BH605221	BOLT, pipe clamping	1	
11	GHF301	WASHER, plain	2	
12	GEX7509	CLAMP, exhaust	1	to front of differential
13	GEX7511	BRACKET, exhaust support	1	
14	GHF332	WASHER, locking	1	
15	GHF201	NUT	1	to front of differential
17	BH605201	BOLT, pipe clamping	1	
18	GEX7496	BRACKET, angled, exhaust mounting	1	
19	GHF301	WASHER, plain	2	rubber & steel composite
20	GHF332	WASHER, locking	1	
21	GHF201	NUT	1	
22	BH605101	BOLT, bracket	1	rubber & steel composite
23	WP17	WASHER, plain	1	
24	GEX7330	WASHER, rubber	1	
25	GEX7329	BUSH, exhaust mounting	1	rubber & steel composite
26	GHF242	NUT	1	
27	GEX7509	CLAMP, exhaust	1	
28	BH605221	BOLT, pipe clamping	1	alternative to items 28 to 32
29	GHF301	WASHER, plain	2	
30	GHF332	WASHER, locking	1	
31	GHF201	NUT	1	alternative to items 28 to 32
32	GEX7506	CLAMP, silencer to pipe joint	1	
	GEX9007	CLAMP ASSEMBLY, 'U' bolt type	1	
34	GHF103	SCREW, silencer mounting	4	1 5/8" internal diameter
35	155249	SPACER, anti-crush, in rubber strap	4	
36	GEX7510	CLAMP, exhaust support	4	
37	GHF332	WASHER, locking	4	includes items 3 to 39
38	GHF201	NUT	4	
39	GEX7359	STRAP, exhaust, flexible	2	
40	UKC1910	BRACKET, exhaust mounting, rear	1	includes items 3 to 39
41	GHF120	SCREW, attaching bracket	2	
42	GHF315	WASHER, reinforcing	1	
43	GHF332	WASHER, locking	2	includes items 3 to 39
44	GHF201	NUT	2	
45	GEX1305	EXTENSION, tail pipe, chrome	1	
46	GFK6630X	FITTING KIT, exhaust	1	

Exhaust System - 1500

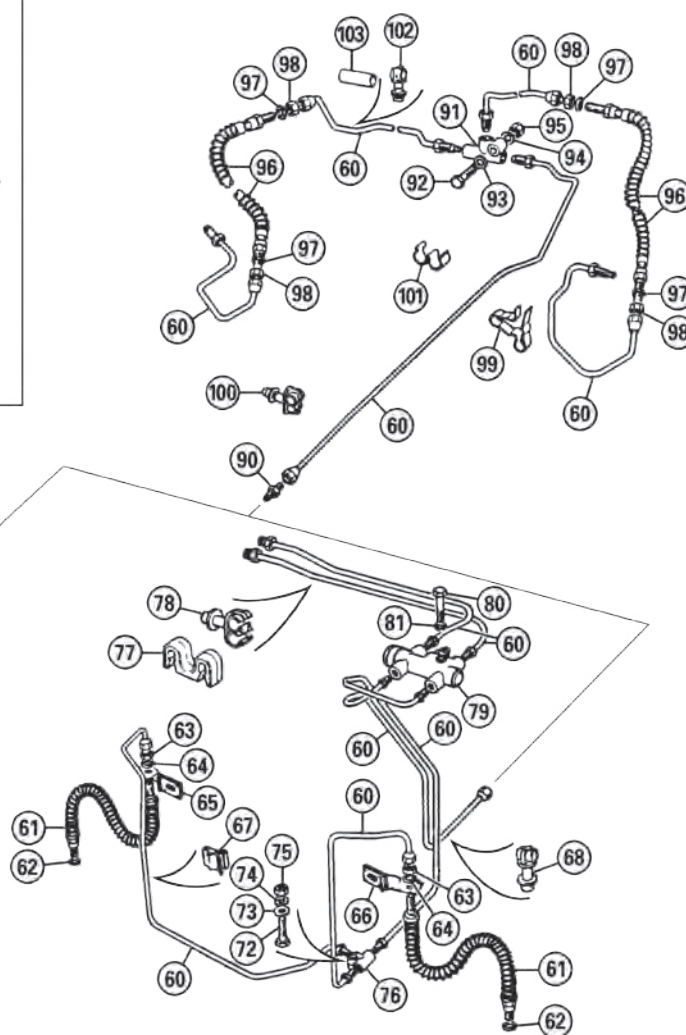
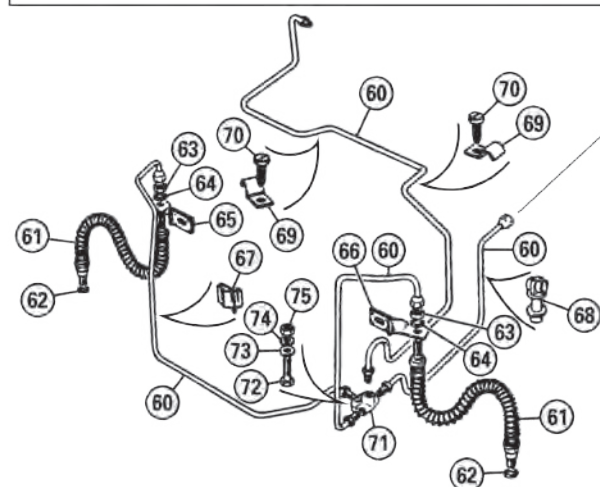
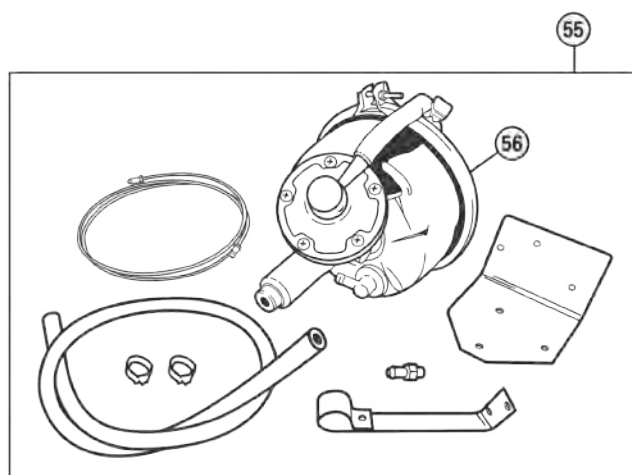
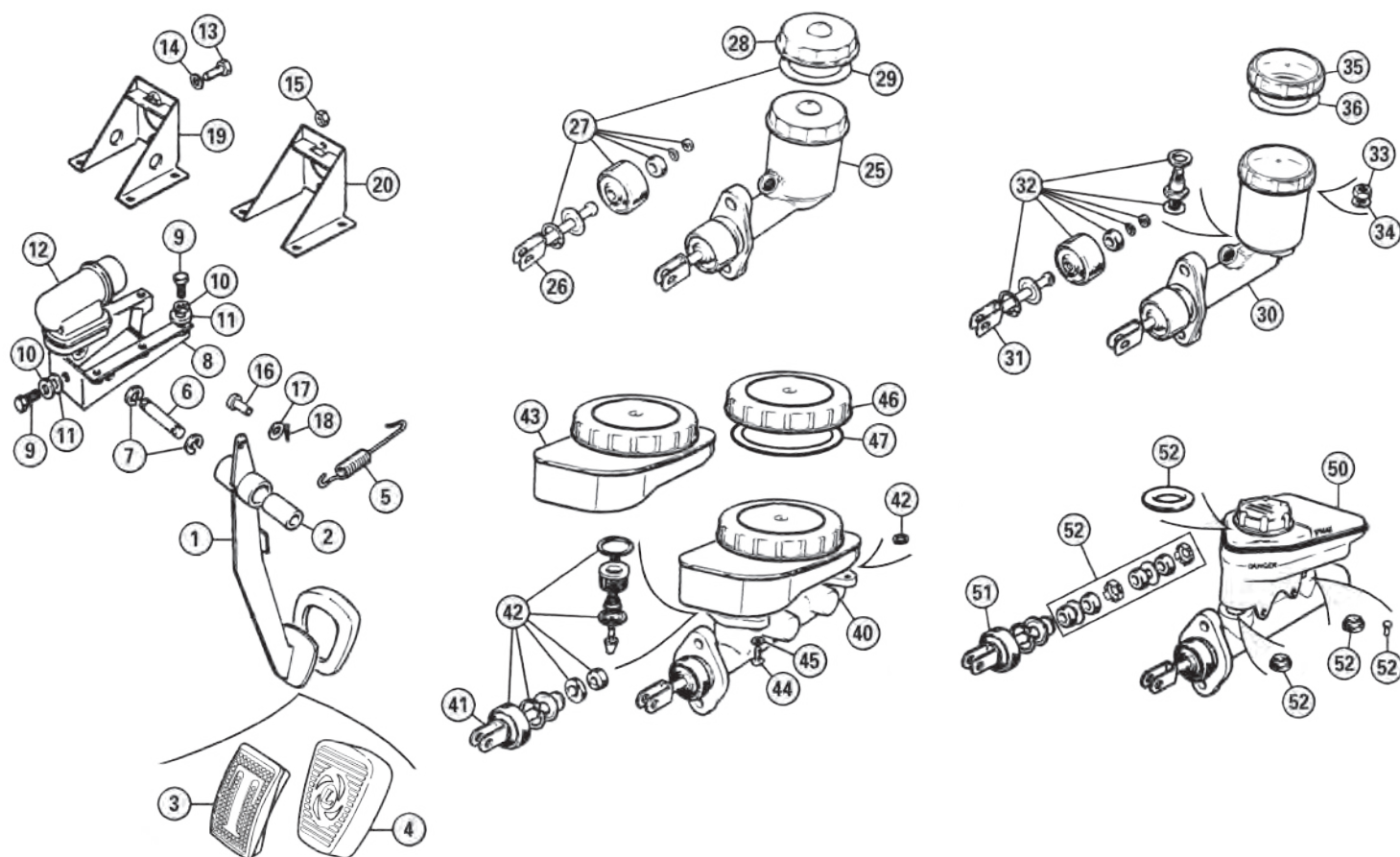
51	GEX1620	FRONT PIPE, mild steel	1	alternatives
	BSTH148	FRONT PIPE, stainless steel	1	
	BSTH149	INTER PIPE, stainless steel	1	
53	GEX3668	SILENCER, single tail pipe, mild steel	1	alternatives
	BSTH150	SILENCER, single tail pipe, stainless	1	
	TE605105	STUD, manifold to down pipe	3	
55	GHF332	WASHER, locking	3	alternatives
56	515369	NUT, stainless steel	3	
	GHF261	NUT, brass	3	
57	GEG739	GASKET, manifold to front pipe	1	rubber & steel composite
60	BH605221	BOLT, pipe clamping	1	
61	GHF301	WASHER, plain	2	
62	GEX7509	CLAMP, exhaust	2	rubber & steel composite
63	GEX7511	BRACKET, exhaust support	1	
64	GHF332	WASHER, locking	1	
65	GHF201	NUT	1	rubber & steel composite
67	BH605201	BOLT, pipe clamping	1	
68	GEX7496	BRACKET, angled, exhaust mounting	1	
69	GHF301	WASHER, plain	2	rubber & steel composite
70	GHF332	WASHER, locking	1	
71	GHF201	NUT	1	
72	BH605101	BOLT, bracket attaching	1	rubber & steel composite
73	WP17	WASHER, plain	1	
74	GEX7330	WASHER, rubber	1	
75	GEX7329	BUSH, exhaust mounting	1	rubber & steel composite
76	GHF242	NUT	1	
78	BH605221	BOLT, pipe clamping	1	
79	GHF301	WASHER, plain	2	rubber & steel composite
80	GHF332	WASHER, locking	1	
81	GHF201	NUT	1	
82	GEX7506	CLAMP, exhaust	1	

ill.	Part Number	Description	Req.	Details
84	GHF103	SCREW, silencer mounting	4	late cars only
85	155249	SPACER, anti-crush, in rubber strap	4	
86	GEX7510	CLAMP, exhaust support	4	
87	GHF332	WASHER, locking	4	late cars only
88	GHF201	NUT	4	
89	GEX7359	STRAP, exhaust, flexible	2	
90	UKC1910	BRACKET, exhaust mounting, rear	1	late cars only
91	GHF120	SCREW	2	
92	GHF315	WASHER, reinforcing	1	
93	GHF332	WASHER, locking	2	late cars only
94	GHF201	NUT	2	
96	UKC9716	BRACKET, support	1	
97	UKC9725	STRAP, 'U' bracket	1	late cars only
98	UKC9726	SPACER TUBE	1	
99	GHF300	WASHER, plain	1	
100	GHF331	WASHER, locking	1	late cars only
101	BH604201	BOLT, 'U' bracket	1	
102	FQ35076	CLIP NUT	1	
104	GEX1305	EXTENSION, tail pipe, chrome	1	1 5/8" internal diameter
105	GEX9007	CLAMP ASSEMBLY, 'U' bolt type	1	alternative to items 78 to 82
106	GFK6640X	FITTING KIT, exhaust	1	includes items 54 to 89

Stainless Steel Standard Exhaust Systems - MkIV-1500

110	862-138	EXHAUST SYSTEM, stainless steel*	1	MkIV
	GFK6630X	FITTING KIT, exhaust	1	
111	862-139	EXHAUST SYSTEM, stainless steel*	1	1500
	GFK6640X	FITTING KIT, exhaust	1	

*Note: These system kits do not include fixings; order the appropriate fixing kit.



ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------

Brake Controls & Hydraulics

Brake Pedal & Fittings

1	134503	PEDAL, brake	1	MkI-III to (c) FD(U)75000
	152820	PEDAL, brake	1	MkIII from (c) FD(U)75001
	TKC4156	PEDAL, brake	1	MkIV-1500
2	105605	BUSH	1	
3	122289	PEDAL RUBBER, Triumph logo	1	MkI-III
4	150881	PEDAL RUBBER, Leyland logo	1	MkIV-1500
5	114438	SPRING, return	1	
6	119575	SHAFT, pedal	1	
7	506542	CIRCLIP, shaft end	2	
8	134532	PEDAL BOX	1	MkI-III to FD(U)75000
	152823	PEDAL BOX	1	MkIII from FD(U)75001 to 1500
9	SH604051	SCREW, pedal box to bulkhead	8	
10	GHF331	WASHER, spring	8	
11	WM57	WASHER, plain	4	
12	125217	GAITER	1	
13	SH605071	SCREW, m/cylinder to bracket	2	
14	GHF332	WASHER, spring	2	
15	GHF201	NUT	2	tandem systems only
16	PJ8808	PIN, clevis	1	
17	GHF301	WASHER, plain	1	
18	GHF502	SPLIT PIN	1	
19	146413	BRACKET, master cylinder to bulkhead	1	single line system
	146413SS	BRACKET, master cyl. to bulkhead, s/steel	1	
20	TKC4088	BRACKET, master cylinder to bulkhead	1	tandem system
				RHD
	148156	BRACKET, master cylinder to bulkhead	1	tandem system
				LHD

Master Cylinder Identification

If your car has single system brakes, identifying the master cylinder is easy, either it has an alloy reservoir cast integrally with the cylinder (GMC224), or it has a translucent plastic reservoir (GMC220). However, if you're trying to purchase parts for (or replace completely) one of the two tandem system master cylinders, the simplest method of identification is 'big cap' and 'little cap', referring of course to the filler caps. 'Big or Little cap?' is very likely to be the question asked of you by your parts man. Unfortunately, when viewed independently, both cylinders appear to have big caps. The sure-fire method of identification is:

Master cylinder (213689) cap is 95mm diameter.
Master cylinder (GMC226) cap is 50mm diameter.

Brake Master Cylinders

Single System

RHD to (c) FH130000 and LHD (not F, B, NL, LUX) to (c) FH80000

25	GMC224	MASTER CYLINDER, brake	1	
26	516225	PUSH ROD	1	
27	GRK1029	REPAIR KIT, master cylinder	1	
28	133581	CAP, filler	1	
29	606404A	SEAL, filler cap	1	

Single System

F, B, NL, LUX, to (c) FH80000

30	GMC220	MASTER CYLINDER, brake	1	
31	516225	PUSH ROD	1	
32	GRK1029	REPAIR KIT, master cylinder	1	
33	516222	NUT, reservoir to cylinder	1	
34	516221	WASHER, plain	1	
35	516218	CAP, filler	1	
36	606404A	SEAL, filler cap	1	

Tandem System

LHD to (c) FH80000

40	213689	MASTER CYLINDER, brake	1	
	213689Z	MASTER CYLINDER, brake	1	aftermarket
41	517046	PUSH ROD	1	
42	517700Z	REPAIR KIT, master cylinder	1	
43	517333	RESERVOIR, brake master cylinder	1	with cap
44	SE910201	SCREW, reservoir to cylinder	4	
45	517045	WASHER, locking	4	
46	517333	CAP, filler	1	
47	517042	SEAL, filler cap	1	

ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------

Tandem System

RHD from (c) FH130000 and LHD from (c) FH80000

50	GMC226	MASTER CYLINDER, brake	1	
51	517046	PUSH ROD	1	
52	AAU2850Z	REPAIR KIT, brake master cylinder	1	

Brake Servos

55	TT3949	BRAKE SERVO KIT	1	installation kits include servo and pipe work replacement servo only
	TT3949Z	BRAKE SERVO KIT, aftermarket	1	
56	GSM125	BRAKE SERVO ASSEMBLY	1	
	GSM125Z	BRAKE SERVO ASSEMBLY, aftermarket	1	

Note: GSM125 is a replacement servo only for cars with a servo already fitted to the braking system, does not include pipe work. TT3949 is an installation kit to allow the fitting of a servo and includes pipe work. Brake servos are for single line systems only.

Brake Pipe Kits (Copper Pipes)

Kits include all relevant brake pipes numbered (60) the illustration.

60	HGB6222	BRAKE PIPE SET, RHD	1	single system
	HGB6222L	BRAKE PIPE SET, LHD	1	
	HGB6241	BRAKE PIPE SET, RHD	1	tandem system
	HGB6241L	BRAKE PIPE SET, LHD	1	to (c) FH80000
	HGB6226	BRAKE PIPE SET, RHD	1	tandem system
	HGB6226L	BRAKE PIPE SET, LHD	1	from (c) FH80001

Hydraulic Brake System - Front

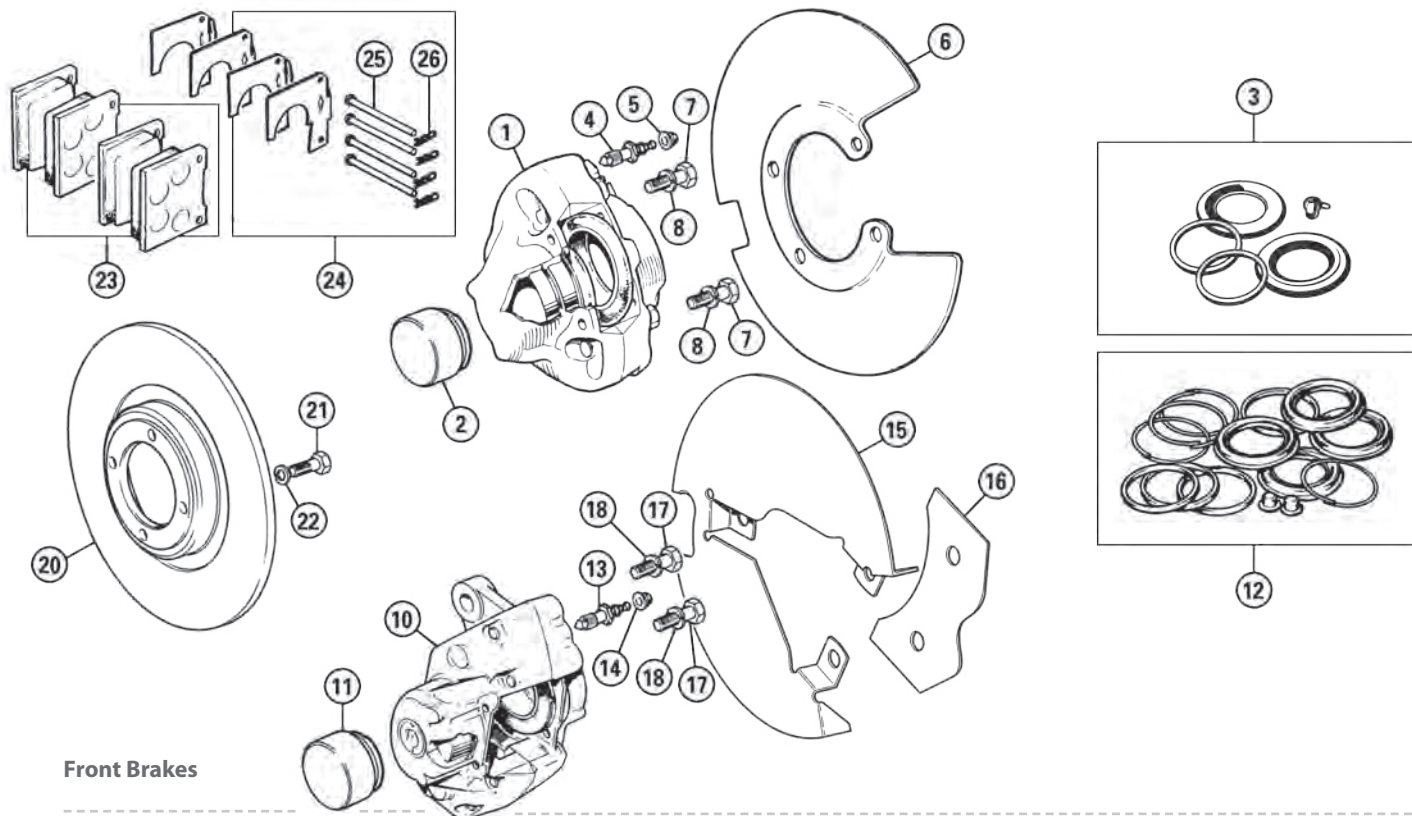
61	GBH216	HOSE, rubber	2	
	GBH216Z	HOSE, rubber, aftermarket	2	
	TT3340	HOSE stainless steel braided (pair)	1	
62	233220A	WASHER, copper	2	
63	NT606041	NUT	2	
64	GHF323	WASHER, shakeproof	2	
65	132365	BRACKET, hose to pipe, RH	1	
	132365SS	BRACKET, hose to pipe, RH, s/steel	1	
66	132366	BRACKET, hose to pipe, LH	1	
	132366SS	BRACKET, hose to pipe, LH, s/steel	1	
67	11K9181	CLIP, pipe to chassis	1	
68	GHF1192	CLIP, plastic, pipe to chassis	1	
69	059380	CLIP, pipe to bulkhead	3/2	single system
70	AB608031	SCREW	3/2	(lower quantities of 69 & 70 are for LHD vehicles).
71	565719A	UNION, (4 way)	1	
72	BH604101	BOLT, union to chassis	1	
73	GHF300	WASHER, plain	1	
74	GHF331	WASHER, locking	1	
75	GHF200	NUT	1	
76	BTB657	UNION, 3 way	1	
77	CRC1796A	CLIP, brake pipe spacing	1	tandem system
78	625521A	CLIP, pipes to bulkhead, RHD	1	
79	RTC2525	VALVE, pressure differential (Imperial threads).	1	tandem system to (c) FH80000
	TKC2710	VALVE, pressure differential (Metric threads).	1	tandem system from (c) FH80001
80	BH604141	BOLT, valve to bulkhead	1	tandem system
81	GHF331	WASHER, spring	1	

Hydraulic Brake System - Rear

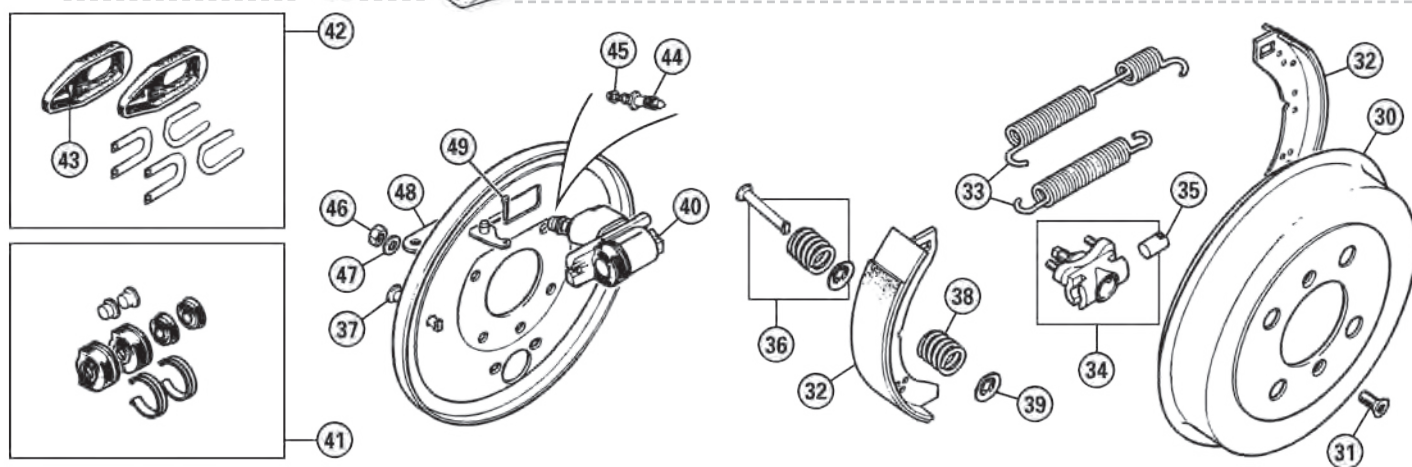
90	ACB5559	UNION, double male	1	
91	BTB657	UNION, 3 way	1	
92	BH604101	BOLT, union to chassis bracket	1	
93	GHF300	WASHER, plain	1	
94	GHF331	WASHER, spring	1	
95	GHF200	NUT	1	
96	GBH175	HOSE, rubber	2	to (c) FH50000
	GBH175Z	HOSE, rubber, aftermarket	2	
	TT3342	HOSE, stainless steel braided (pair)	1	
	GBH166	HOSE, rubber	2	from (c) FH50001
	GBH166Z	HOSE, rubber, aftermarket	2	
	TT3442	HOSE, stainless steel braided (pair)	1	
97	GHF323	WASHER, shakeproof	4	
98	NT606041	NUT	4	
99	059191	CLIP, brake and fuel pipe	3/7	

Note: Increased quantity of item 99 is for the Swedish market only.

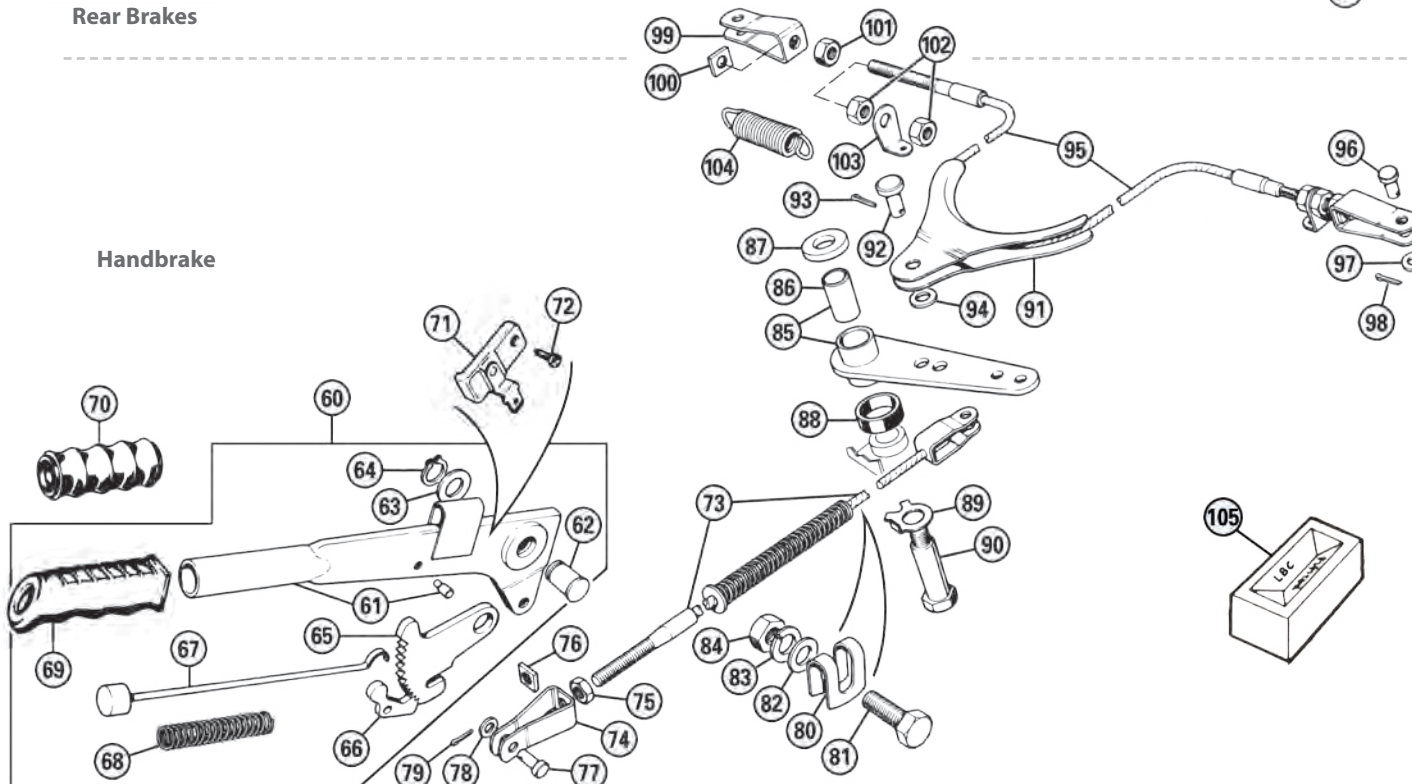
100	624155	CLIP, plastic	2	brake & fuel pipes to chassis
101	148820	CLIP, metal, (alternative)	2	brake pipe to fuel pipe
102	GHF1192	CLIP, plastic, (alternative)	1	brake pipe to chassis
103	503213	SLEEVE, insulating, for clip	1	



Front Brakes



Rear Brakes



ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------

Front & Rear Brakes

Front Brakes - Mkl-II

1	210989	BRAKE CALIPER, front, type 12, RH	1	
	210988	BRAKE CALIPER, front, type 12, LH	1	
2	512067	PISTON, brake caliper	4	
3	511034	SEAL KIT, brake caliper	1	
	511034Z	SEAL KIT, brake caliper, aftermarket	2	for one caliper
4	3H2428	BLEED NIPPLE	2	
5	SMP100030	CAP, bleed nipple	2	
6	208718	DUST SHIELD, brake disc, RH	1	Mkl to (c) FC15575
	208713	DUST SHIELD, brake disc, LH	1	
	211046	DUST SHIELD, brake disc, RH	1	
	211047	DUST SHIELD, brake disc, LH	1	
7	ATB4074	BOLT, caliper mounting	4	
8	GHF334	WASHER, spring	4	

Front Brakes - MkIII-1500

10	159130	BRAKE CALIPER, front, type 14, RH	1	
	159131	BRAKE CALIPER, front, type 14, LH	1	
11	516212	PISTON, brake caliper	4	
12	GRK5005	REPAIR KIT, brake caliper	1	car set
13	601959	BLEED NIPPLE	2	
14	SMP100030	CAP, bleed nipple	2	
15	213680	DUST SHIELD, brake disc, RH	1	
	213680SS	DUST SHIELD, brake disc, s/steel, RH	1	
	213681	DUST SHIELD, brake disc, LH	1	
	213681SS	DUST SHIELD, brake disc, s/steel, LH	1	
16	149623	SHIELD DUCT, caliper mounting	2	
	149623SS	SHIELD DUCT, caliper mounting, s/steel	2	
17	ATB4074	BOLT, caliper mounting	4	
18	GHF334	WASHER, spring	4	

Front Brakes - All Models

20	208715	BRAKE DISC	2	Mkl-II
	GBD154	BRAKE DISC	2	MkIII-1500
21	113150	BOLT, disc attachment	8	
22	GHF333	WASHER, spring	8	
23	GBP166	BRAKE PAD SET, standard	1	Mkl-II uprated
	TT3350G	BRAKE PAD SET, EBC Greenstuff	1	
	GBP624AF	BRAKE PAD SET, standard	1	
	GBP624CM	BRAKE PAD SET, ceramic, Classic Gold	1	MkIII-1500
	TT3450G	BRAKE PAD SET, EBC Greenstuff	1	uprated
	TT3450Y	BRAKE PAD SET, EBC Yellowstuff	1	
24	BHM7057	FITTING KIT, brake pad	1	includes anti-squeal shims
25	511031	PIN, brake pad securing	4	
26	511032	CLIP, brake pad cross pin	4	

Rear Brakes - All Models

30	201246	BRAKE DRUM	2	
31	V5435	SCREW, drum retaining	4	
32	GBS749	BRAKE SHOE SET, axle set	1	
33	105690K	SPRING SET, upper & lower (pair)	2	brake shoe return
34	37H6134Z	BRAKE ADJUSTER, aftermarket	2	
35	111054	TAPPET, brake adjuster	4	
36	GRSP1006	PIN KIT, brake shoe retaining	1	
37	17H7993	PIN, brake shoe retainer	4	
38	504877	SPRING, brake shoe retainer	4	
39	17H4374	CUP, spring retaining	4	
40	GWC1208	WHEEL CYLINDER, 0.75" bore	2	Mkl-III to (c) FD89095
	GWC1202Z	WHEEL CYLINDER, 0.625" bore	2	MkIII from (c) FD89096 to 1500 (c) FH80000
	GWC1110	WHEEL CYLINDER, 0.70" bore	2	1500 from (c) FH80001
41	507865	REPAIR KIT, wheel cylinder	2	Mkl-III to (c) FD89095
	18G9004Z	REPAIR KIT, wheel cylinder	2	MkIII from (c) FD89096 to 1500 (c) FH80000
	GRK2077	REPAIR KIT, wheel cylinder	2	1500 from (c) FH80001
42	GRSP2861	FITTING KIT, wheel cylinder	1	
43	120139	SEAL	2	w/cylinder & handbrake lever
44	3H2428	BLEED NIPPLE	2	
45	SMP100030	CAP, bleed nipple	2	
46	GHF200	NUT, adjuster fixing	2	
47	GHF321	WASHER, shake-proof	4	
48	123135	LEVER, handbrake	2	
49	GHF502	SPLIT PIN, securing lever to shoe	2	

ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------

Handbrake

60	UKC6691	LEVER ASSEMBLY, handbrake	1	
61	UKC866	LEVER, handbrake	1	

Note: Fly-off and non fly-off handbrakes are interchangeable. Spitfire Mkl to MkIII up to (c) FD16407 RHD and (c) FD22934 LHD (and then intermittently until FD16481 RHD and FD23566 LHD) used a fly-off handbrake assembly (original part no. 134253). MkIII models intermittently from (c) FD16408 to (c) FD16481 RHD and from (c) FD22935 to (c) FD23566 LHD, then exclusively from (c) FD16482 RHD and (c) FD23567 LHD used a non fly-off handbrake assembly, as did the MkIV and 1500 models.

62	104743	FULCRUM PIN	1	
63	GHF304	WASHER, plain	1	
64	AS610032	CIRCLIP, external	1	
65	148083	RATCHET, segment	1	
66	134143	PAWL	1	fly-off handbrake
	104737	PAWL	1	non fly-off handbrake
67	132588	ROD & KNOB, pawl release	1	non fly-off
	134001	ROD & KNOB, pawl release	1	fly-off
68	104740	SPRING, pawl release	1	
69	FAM8356	GRIP, handbrake	1	1500
70	131312	GRIP, handbrake	1	Mkl-IV
71	TKC3894	SWITCH, handbrake warning light	1	1500
	144432	SWITCH, handbrake warning light	1	alternative
		(All USA vehicles & UK spec with dual circuit brakes).		
72	AB604023	SCREW	1	
73	121766	CABLE, handbrake, front	1	
74	104749	FORK END, handbrake cable	1	
75	JN2107	HALF NUT, locking	1	
76	CN1	NUT, square, captive	1	
77	104750	PIN, clevis, link to handbrake	2	
78	WM93	WASHER, plain	2	
79	GHF500	SPLIT PIN	2	
80	106036	CLAMP	1	
81	PMZ210	SCREW	1	tensioning cable spring
82	509563	WASHER, plain	1	
83	WL700061	WASHER, spring	1	
84	NH806011	NUT	1	
85	134862	RELAY LEVER	1	Mkl-III
	158080	RELAY LEVER	1	MkIV-1500
86	121757	BEARING, relay lever	1	
87	121760	WASHER	1	
88	121755	SEAL	1	
89	121758	LOCK TAB, pivot bolt	1	
90	121759	BOLT, pivot, handbrake, lever	1	
91	121699A	COMPENSATOR, cable	1	
92	PJ8807	PIN, clevis	1	
93	GHF502	SPLIT PIN	1	
94	GHF301	WASHER, plain	1	
95	133915	CABLE, compensator to drums	1	Mkl-IV to (c) FH50000
	159372	CABLE, compensator to drums	1	MkIV from (c) FH50001, and 1500

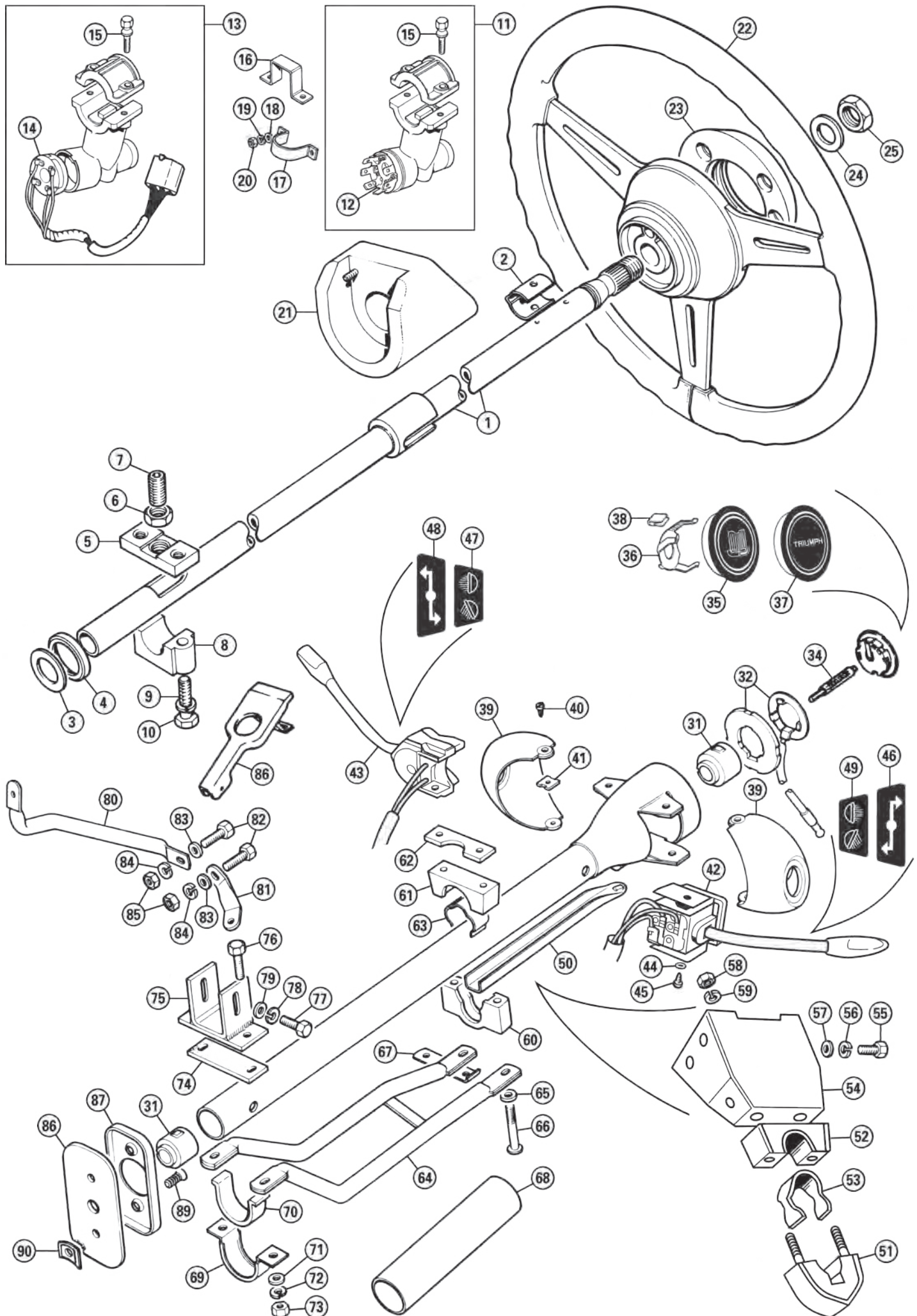
Note: The difference in length of the above cables is due to the change in drive shaft length from (c) FH50000.

96	104750	PIN, clevis	2	
97	GHF300	WASHER, plain	2	
98	GHF500	SPLIT PIN	2	
99	104749	FORK END, handbrake cable	2	
100	CN1	NUT, square, captive	2	
101	JN2107	HALF NUT, locking	2	
102	GHF200	NUT, locating anchor plate	4	
103	131807	BRACKET, anchor plate	2	
104	131806	SPRING	2	rear back plate to bracket

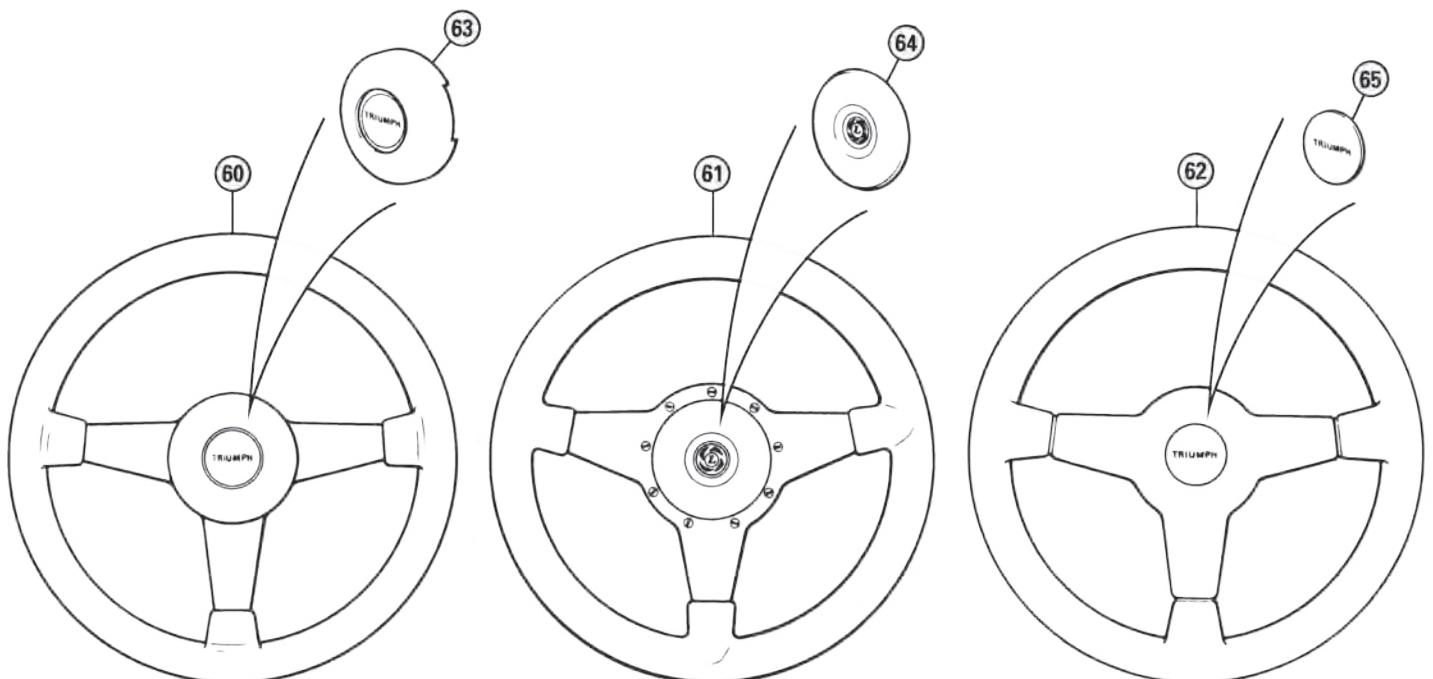
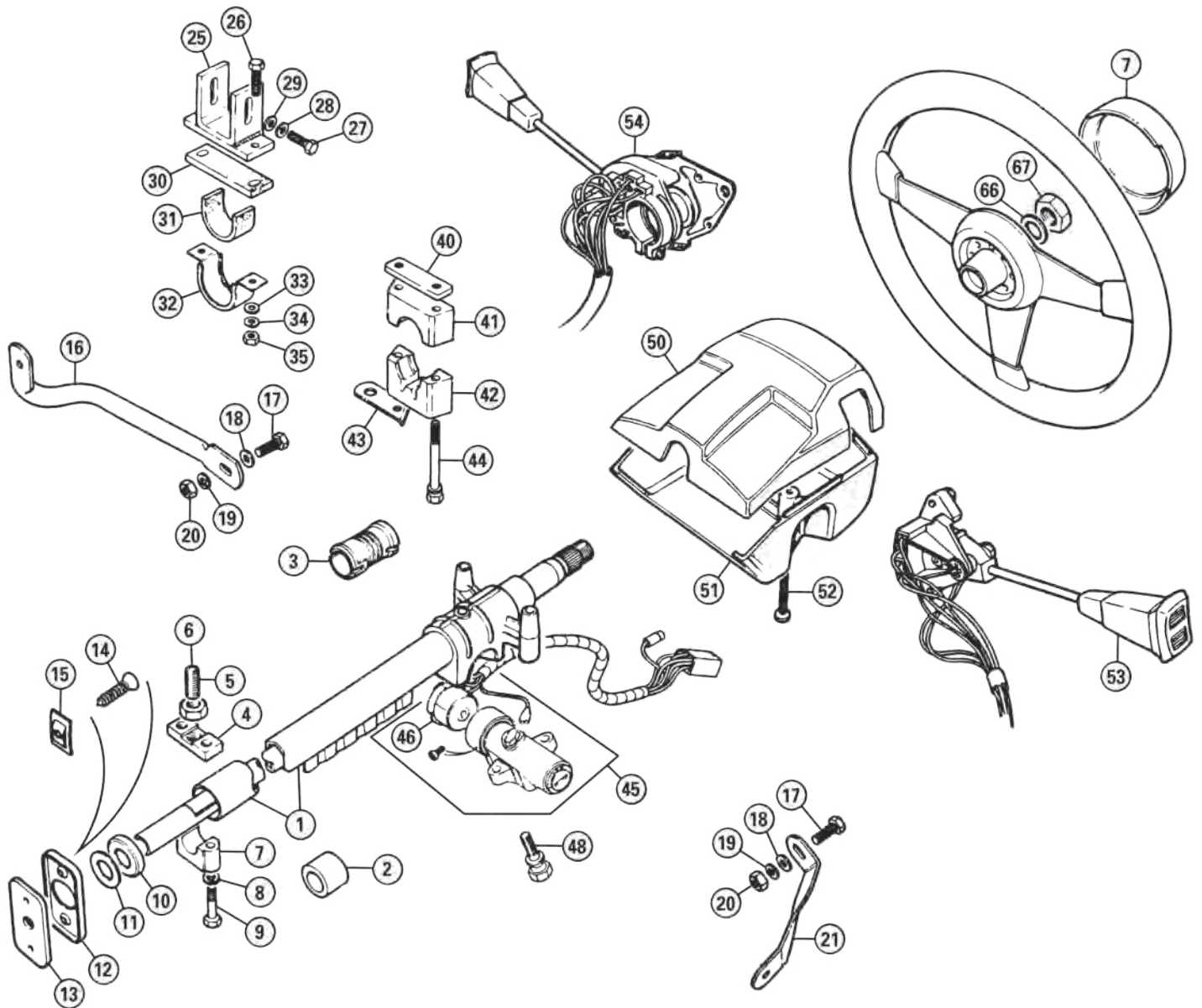
Handbrake Adjustment

When adjusting the handbrake, please note there is a simple, and a hard way, to do the job. First of all try adjusting the cable from the lever end, rather than making two sets of adjustments at the wheels. Also it is well worth greasing the chassis guides (especially the compensator), because otherwise the cables seem well adjusted, until the lever is applied; they then release under tension resetting themselves again when the handbrake is applied. Greasing all of the guides and compensator will inevitably lead to longer cable life and a smoother action during operation.

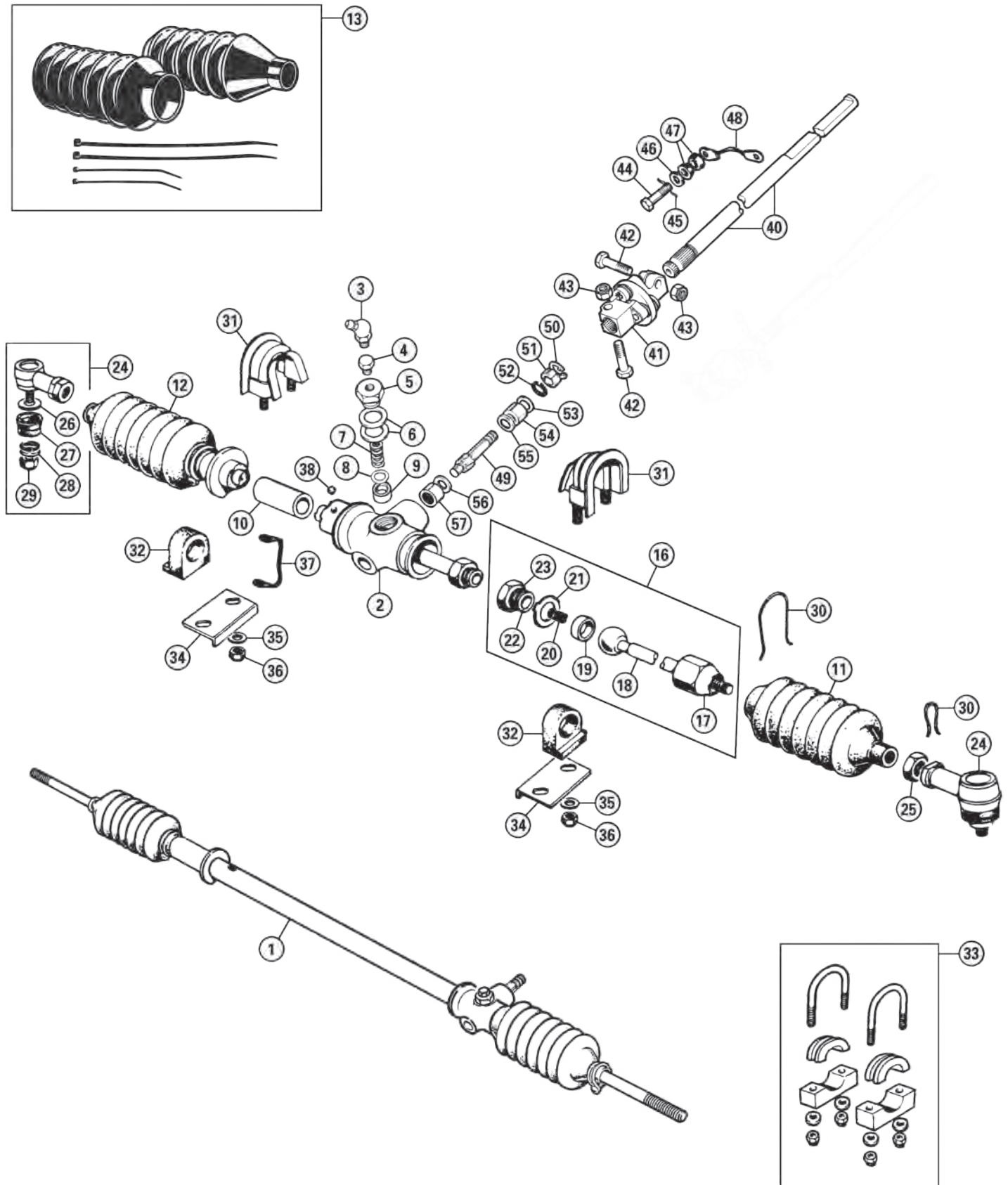
105	LBC1	BRICK, locking, parking brake	1	alternative to items 60-104
-----	------	-------------------------------	---	-----------------------------



ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
Steering Column (Upper)					148647	SWITCH, headlamp, dip & flash, LHD	1	USA MkIII from FDU31254 to FDU75001	
MkI to early 1500 (c) FH100020					148648	SWITCH, headlamp, dip & flash, LHD	1	all MkIV to 1500 & Sweden all MkIII & USA from FDU75001	
1	122529	STEERING COLUMN	1	MkI to (b) FC31640	43	131274	SWITCH, indicator	1	MkI to (b) FC31640
	140755	STEERING COLUMN	1	MkI from (b) FC31641 to MkIII		147277	SWITCH, indicator	1	MkI from (b) FC31641 to MkIII
	155621	STEERING COLUMN, locking	1	MkIV-1500 to (c) FH100020		158966	SWITCH, indicator	1	MkIV to 1500 (c) FH100020
2	122525	CLIP, indicator cancelling	1	MkI to (b) FC31640	(It is not uncommon for these switches to be transposed. For this reason it is necessary that you should decide which transfers suit your vehicle).				
	140549	CLIP, indicator cancelling	1	MkI from (b) FC31641 to 1500 (c) FH100020	44	WE604	WASHER, shakeproof	4	
Note: Clip 122525 should only be used with early indicator switch 131274. Clip 140549 should be used with later indicator switches.					45	TP402	SCREW, pan head	4	
3	122719	WASHER, bearing	1		46	611011	LABEL, indicator switch	1	
4	122718	END CAP	1		47	621968	LABEL, main/dip beam	1	check type
5	125782	PLATE, tapped	1	column adjustment	48	611012	LABEL, indicator switch	1	of switch fitted
6	JN2110	NUT, half	1		49	621967	LABEL, main/dip beam	1	
7	125781	SCREW, Allen	1		50	611369	CHANNEL, wiring harness	1	MkI-III, not used MkIII with steering lock or Germany
8	122669	CLAMP	1			608183	CHANNEL, wiring harness	1	MkIII Germany & with steering lock to FD(U)75000
9	GHF331	WASHER, spring	2			154833	CHANNEL, wiring harness	1	MkIII with steering lock from FD(U)75001 to 1500 FH100020
10	BH604101	BOLT	2		51	611367	CLAMP, steering column, lower	1	MkI-III
11	219061/1	STEERING LOCK & IGNITION SWITCH	1	MkI-III special order	52	611368	CLAMP, steering column, upper	1	
	219061/1	STEERING LOCK & IGNITION SWITCH (With two keys).	1	MkIV to (c) FH62644	53	609639	SPRING, column clamp	1	
12	579085	SWITCH, only (With Lucar type terminals).	1		54	612704	BRACKET, mounting, upper clamp	1	all RHD MkI-III & LHD to MkIII FD9283
13	UKC2719/1	STEERING LOCK & IGNITION SWITCH (with two keys).	1	MkIV from (c) FH62645 to 1500 (c) FH100020		622725	BRACKET, mounting, upper clamp	1	LHD MkIII from FD9284
14	218959	SWITCH, only (with small loom & block connector).	1		55	SH604051	SCREW, mounting bracket to dash	4	
	LU30399	SWITCH, only, Lucas (with small loom & block connector).	1	to 1500 (c) FH100020	56	GHF331	WASHER, spring	4	
Note: For ease of identification, you should order an ignition switch based on the presence of, or absence of, a block connector. i.e. no block connector, use 219061/1 or 579085; block connector, use UKC2719/1 or 218959.					57	GHF314	WASHER, plain	4	MkI-III
					58	GHF200	NUT, clamp to mounting bracket	2	
					59	GHF331	WASHER, spring	2	
					60	619850	CLAMP, steering column, lower	1	MkIV-1500 to (c) FH100020
					61	611368	CLAMP, steering column, upper	1	
					62	620547	PLATE, tapped	1	MkIV-1500 to (c) FH100020
					63	609639	SPRING, column clamp	1	
15	152597	SHEAR BOLT	2		64	154977	BRACKET, anti-torque	1	
16	UKC894	CLAMP	1		65	GHF300	WASHER, plain	2	fitted as standard to all
17	627340	CLIP	1		66	155086	SCREW, clamping	2	MkIV & 1500.
18	PWZ203	WASHER, plain	2	MkIV-1500 to (c) FH100020	67	628375	SUPPORT PLATE, speedo trip control	1	
19	WL700101	WASHER, spring	2		68	155038	TUBE, distance, cardboard	1	LHD
20	HN2005	NUT	2		69	608185	CLAMP, column to bracket	1	
21	718813	CRASH PAD, ignition switch	1		70	608223	STRIP, felt packing, long	1	
22	118577	STEERING WHEEL	1	MkI-II	71	GHF314	WASHER, plain	2	
	307245	STEERING WHEEL, wood rimmed	1	MkI-II special order	72	GHF331	WASHER, spring	2	
	307756	STEERING WHEEL	1	MkIII to FD75000	73	GHF200	NUT	2	
	518534	STEERING WHEEL	1	MkIII from FD75001 ex. USA	74	608222	STRIP, felt packing, short	1	
	308229	STEERING WHEEL	1	MkIII USA only FDU31254 to FDU75000	75	628402	BRACKET, support	1	
					76	SH604071	SCREW	2	
	518533	STEERING WHEEL	1	MkIII USA only from FDU75001	77	SH604051	SCREW	2	
	160038	STEERING WHEEL	1	MkIV & 1500 to (c) FH100020	78	GHF331	WASHER, spring	2	
23	216508	PAD, for 518534 and 518533	1	MkIII from FD(U)75001	79	GHF300	WASHER, plain	2	
	156170	PAD, for boss 216508	1	MkIV & 1500 to (c) FH100020	80	623488	TIE BAR	1	RHD
24	WP8013	WASHER, plain	1			623489	TIE BAR	1	LHD
25	105438	NUT, steering wheel to column	1		81	716966	TIE BAR	1	RHD
30	611364	SHROUD, non-locking column	1	MkI-III to FD(U)75000		716967	TIE BAR	1	LHD
	154177	SHROUD, non-locking column (154177 can be used to replace 611364).	1	MkI-III from FD(U)75001	82	GHF117	SCREW, tie bar to column support	4	
	614122	SHROUD, locking column, RHD	1	special order MkI-III	83	GHF300	WASHER, plain	4	
	611952	SHROUD, locking column, LHD	1	to FD(U)75000	84	GHF331	WASHER, spring	4	
	156551	SHROUD, locking column	1	MkIV & 1500 to (c) FH100020* *Except Sweden use 154177	85	GHF200	NUT	4	
31	209423	BUSH, steering column	2		86	809785	SUPPORT, steering column	1	RHD
	209423X	BUSH, steering column	2	polyurethane		809786	SUPPORT, steering column	1	LHD
32	608462	SLIP RING, horn contact & insulator	1		87	601597	RETAINING PLATE	1	
34	142534	BRUSH, horn push	1		88	613466	SEAL, retaining plate	1	
35	131227	HORN PUSH	1	MkI-II	89	AD608043	SCREW	2	
	150277	HORN PUSH, Triumph Shield	1	MkIII-IV to (c) FH50000	90	GHF701	SPIRE NUT	2	
36	204741	CLIP, horn push	1	MkI-III to FD(U)75000					
37	159761	HORN PUSH, 'Triumph'	1	MkIV from (c) FH50001 to 1500					
38	613766	CLIP, horn push securing	1						
39	708479	ESCUTCHEON	2						
40	AD606033	SCREW	2						
41	FC2803	SPIRE NUT	2						
42	147278	SWITCH, headlamp, dip & flash, RHD	1	MkI-III					
	147278Z	SWITCH, headlamp, dip & flash, RHD	1	alternative					
	152616	SWITCH, headlamp, dip & flash, RHD	1	MkIV to 1500					
	147279	SWITCH, headlamp, dip & flash, LHD	1	MkI-III except USA MkI-II & MkIII from FDU31254 & Sweden MkIII					
	141858	SWITCH, headlamp, dip & flash, LHD	1	MkI-II USA					



ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
Steering Column (Upper)									
1500 - Late Type from (c) FH100021									
1	TKC2299	STEERING COLUMN, upper	1	RHD					
	TKC2300	STEERING COLUMN, upper	1	LHD					
2	209423	BUSH, steering column, lower	1						
	209423X	BUSH, steering column, lower	1	polyurethane					
3	GSV1095	BUSH, steering column, upper	1						
4	125782	PLATE, tapped	1	steering column adjustment					
5	JN2110	NUT, half	1						
6	125781	SCREW, locating	1						
7	122669	CLAMP, steering column	1						
8	GHF331	WASHER, spring	2						
9	BH604101	BOLT	2						
10	122718	END CAP	1						
11	122719	WASHER, nylon	1						
12	601597	RETAINING PLATE	1						
13	613466	SEAL, retaining plate	1						
14	AD608043	SCREW	2						
15	GHF701	SPIRE NUT	2						
16	623488	TIE BAR	1	RHD					
	623489	TIE BAR	1	LHD					
17	GHF117	SCREW	4						
18	GHF300	WASHER, plain	2						
19	GHF331	WASHER, spring	4						
20	GHF200	NUT, plain	2						
21	716966	TIE BAR	1	RHD					
	716967	TIE BAR	1	LHD					
25	628402	BRACKET	1						
26	GHF117	SCREW	2						
27	SH604051	SCREW	2						
28	GHF300	WASHER, plain	2						
29	GHF331	WASHER, spring	2						
30	608222	STRIP, packing, felt	1						
31	608223	STRIP, packing, felt	1						
32	608185	CLAMP, column to bracket	1						
33	GHF314	WASHER, plain	2						
34	GHF331	WASHER, spring	2						
35	GHF200	NUT, plain	2						
40	620547	PLATE, tapped	1						
41	UKC6765	CLAMP, upper	1						
42	UKC5664	CLAMP, lower	1						
43	628375	SUPPORT PLATE	1	speedometer trip control					
44	UKC7070	BOLT, clamp assembly	2						
45	RKC3982	STEERING LOCK & IGNITION SWITCH	1	RHD (with two keys)					
	RKC3983	STEERING LOCK & IGNITION SWITCH	1	LHD (with two keys)					
46	218959	SWITCH, ignition	1	switch only					
	LU30399	SWITCH, ignition, Lucas	1	switch only					
48	152597	SHEAR BOLT	2						
50	XKC2344	COWL, top	1	RHD					
	XKC2342	COWL, top	1	LHD					
51	XKC2343	COWL, bottom	1	RHD					
	XKC2345	COWL, bottom	1	LHD					
52	SE104601	SCREW, cowl securing	2						
53	AAU8843	SWITCH, windscreen wipers	1	RHD					
	AAU8844	SWITCH, windscreen wipers	1	LHD					
54	AAU7994	SWITCH, indicator & headlamp	1	RHD					
	AAU7996	SWITCH, indicator & headlamp	1	LHD					
60	RKC2818	STEERING WHEEL	1	to approx. mid 1978					
		('Formula' type, silver spokes).		not Germany					
	TKC2796	STEERING WHEEL	1	to approx. mid 1978					
		('Anti-reflective' finish).		Germany only					
61	RTC2504	STEERING WHEEL	1	approx. mid 1978					
		('Moto-Lita' original equipment).		to (c) FH130000					
62	RKC4042	STEERING WHEEL	1	from (c) FH130001					
		(Padded spokes)							
63	UKC8135	CENTRE PAD, s/wheel	1	to approx. mid 1978					
64	TKC5178	CENTRE PAD, s/wheel, ('Moto-Lita')	1	approx. mid 1978					
	ULC1591	BADGE, centre pad	1	to (c) FH130000					
65	ULC1992	BADGE, s/wheel, padded spokes	1	from (c) FH130000					
66	WB600121	WASHER, plain, thin	1						
67	138466	NUT, steering wheel	1						
68	UKC8135	CENTRE PAD, steering wheel	1	to approx. mid 1978					
	TKC5178	CENTRE PAD, steering wheel	1	from approx. mid 1978 to (c)FH130000					



Ill.	Part Number	Description	Req.	Details
Steering Rack & Lower Column				
1	305932	STEERING RACK	1	RHD
	305931	STEERING RACK	1	LHD
	305932HR	STEERING 'QUICK' RACK, high ratio	1	RHD
	305931HR	STEERING 'QUICK' RACK, high ratio	1	LHD
(Steering racks do not include mountings or track rod ends).				
Note: Our high ratio 'quick' steering rack assemblies give lock-to-lock in 2.5 turns compared to the standard 3.5 turns, providing quicker 'turn-in' on the bends for a more responsive feel, without compromising the turning circle of the car. These high ratio rack assemblies are a sealed for life standard configuration unit for use with standard rubber, polyurethane or solid rack mounts as required.				
2	305774	HOUSING, rack & pinion	1	LHD
	305773	HOUSING, rack & pinion	1	RHD
3	056935	GREASE NIPPLE	1	alternative
(A plug is traditionally fitted here to discourage over-greasing of the steering rack).				
4	ARA1618	PLUG	1	replaces grease nipple
5	132053	CAP, pinion housing	1	
6	120959	SHIM, 0.002"	a/r	
	120949	SHIM, 0.004"	a/r	
	132055	SHIM, 0.010"	a/r	
7	126765	SPRING	1	
8	143952	WASHER	1	
9	120946	PLUNGER, rack to pinion	1	
10	128002	BUSH, rack tube, passenger side	1	
11	GSV1104	GAITER, passenger side	1	
12	GSV1105	GAITER, driver side	1	
13	GSV1104/5	GAITER KIT, car set	1	includes clips
14	208058	RACK BAR	1	
15	146364	NUT, locking, rack bar	2	
16	129961	BALL JOINT, track rod end, inner	2	
17	128024	HOUSING, ball pin	2	
18	128023	BALL PIN	2	
19	158732	SOCKET, for ball	2	
20	120953	SPRING	2	
21	120957	LOCK TAB	2	
22	130031	SHIM, 0.002"	a/r	
	130032	SHIM, 0.010"	a/r	
23	129963	SLEEVE, adaptor	2	
24	GSJ158	TRACK ROD END	2	} alternatives
	GSJ158Z	TRACK ROD END, aftermarket	2	
25	FNZ208	NUT, locking, track rod end	2	
26	138869	CLIP, gaiter retaining	2	
27	EAW2270	GAITER, track rod end	2	
28	WB110061	WASHER, plain	2	
29	GHF223	NUT, nyloc	2	
30	GHF1267	CABLE TIE, ratchet type	a/r	} alternatives
	EAW4321	WIRE TIE, original	a/r	
31	133874	CLAMP, steering rack	2	} Mkl to (c) FC24035 } NLA use 156024
	156024	CLAMP, steering rack	2	
32	133872	MOUNTING, steering rack	2	} Mkl to (c) FC24035 } NLA use 139386
	139386	MOUNTING, steering rack, rubber	2	
	TT3456	MOUNTING, steering rack	2	polyurethane
	139386SPK	MOUNTING SET, steering rack, poly	1	
(Includes: 2 bushes for steering rack mounts).				
33	TT3255	MOUNTING KIT, steering rack, solid	1	} uprated alternative } replaces items 31 & 32

Note: This alloy solid rack mounting kit stops the 'steering float' caused by wear in the rubber mounts. Although it gives a slightly less comfortable ride, it provides much more accurate steering - and lasts longer.

34	133875	PLATE, reinforcing	2	
35	GHF301	WASHER, plain	4	
36	GHF222	NUT, nyloc	4	
37	134301	LEAD, earth	1	steering rack to chassis
38	145108	PLUG, nylon	1	steering rack damping

Note: Omission of this plug will contribute to slackness in the rack. If fitted in conjunction with the alloy rack mounting kit (item 33), it may need slight reduction in length.

40	209688	STEERING COLUMN, lower	1	
41	FAM1718UJ	COUPLING, steering	1	universal joint
42	BH605101	BOLT, pinching clamp	2	
43	GHF272	NUT, nyloc	2	
44	108976	BOLT, drilled	4	steering column joint
45	EAW4321	WIRE, locking	4	
46	GHF301	WASHER, plain	4	
47	108977	BUSH, steering coupling	8	} original steering } coupling only
	108977SPK	BUSH SET, steering joint, polyurethane	1	
		(Kit includes: 8 bushes & 4 washers).		

ill.	Part Number	Description	Req.	Details
48	130581	LEAD, earth	1	
49	134689	PINION, steering rack	1	RHD
	134688	PINION, steering rack	1	LHD
50	509537	CIRCLIP, retaining pinion	1	
51	128001	PLUG, steering rack pinion	1	
52	128021	SEAL, steering rack pinion	1	
53	120941	SHIM, 0.005"	a/r	
54	127998	BUSH, steering rack pinion, upper	1	
55	127999	THRUST WASHER, upper	1	
56	128000	THRUST WASHER, lower	1	
57	127997	BUSH, steering rack pinion, lower	1	

Removing & Refitting Steering Components

1. The steering lock.

There are several ways of removing steering lock shear bolts, which by security conscious design will have sheared their heads off during fitting. The methods range from the ham-fisted (ignoring the bolts and simply hack-sawing the lock off, thereby destroying it) to a couple of more rational ideas described below.

If there is any of the shear bolt material proud of the steering lock casting, it may be possible to create a slot across it with careful use of a hacksaw and then undo the bolt with a screwdriver. If this is not possible, the bolt can be undone by putting the point of a centre punch near the outer edge of the sheared surface of the bolt, then angling the punch so that when struck by a hammer it knocks the bolt round in an anti-clockwise direction. Repeating this action will, of course, eventually undo the bolt. Granted, it's a slow procedure, but it works every time.

Drilling the bolts out is not really recommended if the lock is to be saved -unless you are remarkably skilful (or lucky) in your aim, the drill will probably drift into the soft metal of the lock casting, leaving rather too much of the relatively harder bolt complete.

In the same vein, using an 'Easyout' (a device for removing broken studs) is a bit of a gamble; if the Easyout breaks - as it will if you get a little too enthusiastic with it, you will be left staring at something that's definitely too hard to drill out.

2. The steering wheel.

When trying to ease the steering wheel off the tapered splines on the top of the column without the aid of the correct wheel pulling tool (i.e. jiggling it from side to side and tugging at the same time, or tapping the back of the wheel with a soft faced hammer), make sure that the wheel retaining nut is still held on to the end of the column by a thread or two. You'll have saved face - literally - when the wheel eventually breaks free in a hurry from its splines.

Going back to the start of the task, scratch a mark on the top of the inner column to match another on the wheel centre, so that later during re-assembly you don't have to go through the hit and miss process of trying to get the wheel on straight again.

3. Joining the steering column to the steering rack.

Never attempt to join the column and steering rack together without the rack clamps being loose enough to allow a little rotation of the rack in its mountings. The movement will allow the splines of the column and the rack to settle properly in line with each other; only then should all the bolts be nipped up tight.

The column pinch bolt first, followed by the rack mountings. If the rack pinion was not quite in line, so that the column exerted a lateral pressure on it, abnormal wear on bushes and bearings would result.

The embarrassing horn fault

One sunny afternoon, you find yourself driving along in town with the hood down, generally enjoying life. You turn a corner slowly into a crowded street in your gleaming pride and joy and... the horn blares out, whereupon everyone stops and stares/glares at you. But you're sure you didn't touch the horn. Later, you drive over a bump while following a taxi and the horn goes off again. You hide miserably behind the steering wheel, as much out of sight of the taxi driver as possible.

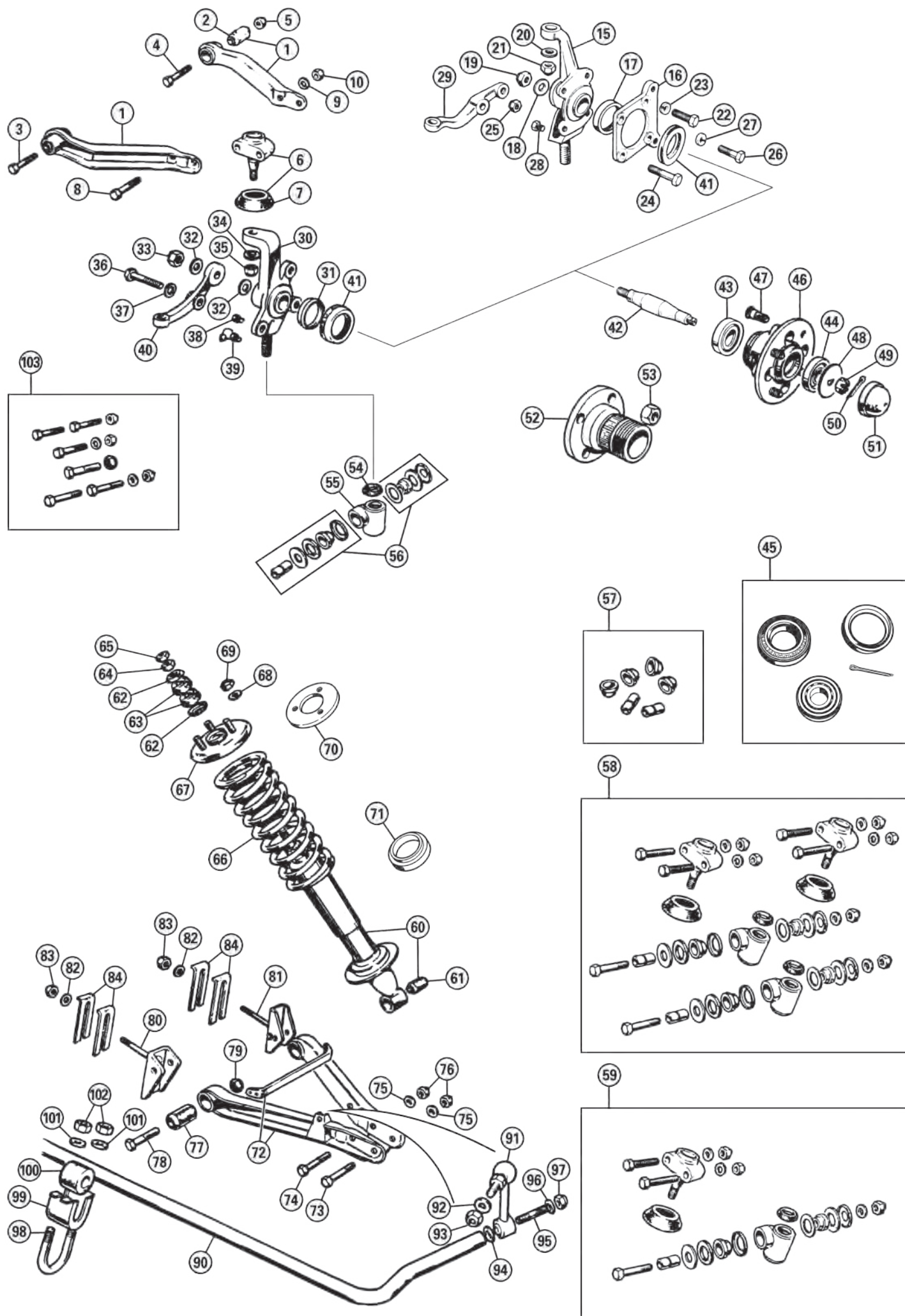
Once back at the sanctuary of your house, you wreak revenge on the horn controls, carrying out a thorough inspection and overhaul. A couple of days later, the same embarrassing events repeat themselves. You can't believe it.

Try this test.

Hold the steering wheel and try to pull it back towards yourself; then push it forwards, away from yourself, as far as you can. You will probably be shocked at the amount of longitudinal play (though not as shocked as when the horn goes off again).

The excessive play - which at its worst point enables the horn circuit to be unintentionally completed - is due to worn thrust washers on the steering rack pinion.

If you fancy your chances dealing with fine tolerance shims and things, then have a go at repairing it. If you're sensible, replace your steering rack.



ill.	Part Number	Description	Req.	Details
Front Suspension				
1	119272	WISHBONE ARM, upper	4	
2	119451	BUSH, front wishbone, rubber	4	
	119451SPKF	BUSH SET, front wishbone, poly (Includes: 16 split type bushes & 8 tubes).	1	
3	BH606181	BOLT, upper wishbone, front	2	
4	BH606201	BOLT, upper wishbone, rear	2	
5	GHF223	NUT, nyloc	4	
6	GSJ155	BALL JOINT, upper wishbone	2	
7	C43216Z	GAITER, ball joint	2	
8	BH605181	BOLT, top ball joint	4	
9	GHF301	WASHER, plain	4	
10	GHF222	NUT, nyloc	4	
15	209222	VERTICAL LINK, RH	1	Mkl to (c) FC15575
	209223	VERTICAL LINK, LH	1	
16	208716	PLATE, brake caliper mounting, RH	1	Mkl to (c) FC2392
	208717	PLATE, brake caliper mounting, LH	1	
	210892	PLATE, brake caliper mounting, RH	1	Mkl from (c) FC2393 to (c) FC15575
	210893	PLATE, brake caliper mounting, LH	1	
17	138051	SEALING RING	2	
18	WC112081	WASHER, plain	2	
19	GHF225	NUT, nyloc, stud axle	2	
20	WD600071	WASHER, plain	2	
21	GHF224	NUT, nyloc, top ball joint	2	
22	SH605061	SCREW, mounting plate to vertical link	4	
23	GHF332	WASHER, spring	4	
24	123312	BOLT, m/plate & tie rod to vertical link	2	Mkl to (c) FC15575
25	GHF223	NUT	2	
26	BH606101	BOLT, m/plate & tie rod to vertical link	2	
27	GHF333	WASHER, spring	2	
28	SK604030	PLUG, blanking	2	
29	205504	STEERING ARM, RH	1	
	205505	STEERING ARM, LH	1	
30	GSJ266	VERTICAL LINK, LH	1	
	GSJ265	VERTICAL LINK, RH	1	
31	138559	SHIELD, inner seal	2	
32	WC112081	WASHER, spacing	4	
33	GHF225	NUT, nyloc, stub axle	2	all models from (c) FC15576 on
34	WD600071	WASHER, plain	2	
35	GHF224	NUT, nyloc, top ball joint	2	
36	159514	BOLT, arm to vertical link	2	
37	GHF334	WASHER, locking, square	2	
38	SK604030	PLUG, blanking	2	
39	LN30041	GREASE NIPPLE, 90°	a/r	

Note: Rather than grease the steering swivel joint, it is recommended to oil (with EP90) and to replace the grease nipple with blanking plug (item 38) between services.

40	211049	STEERING ARM, LH	1	all models from (c) FC15576 on
	211048	STEERING ARM, RH	1	
41	GHS146	OIL SEAL, felt	2	
42	132448	STUB AXLE, front	2	Mkl to (c) FC15575 all from (c) FC15575 on
	UKC697	STUB AXLE, front	2	
43	GHB111	BEARING, inner	2	
44	GHB110	BEARING, outer	2	
45	GHK1021	BEARING KIT, hub, front	2	
46	132425	HUB, front	2	Mkl-II MkIII-1500
	146479	HUB, front	2	
47	158729	STUD, wheel	8	
48	102690	THRUST WASHER, outer bearing	2	
49	NL608041	NUT, slotted, hub retaining	2	
50	GHF504	SPLIT PIN	2	
51	102689	GREASE CAP, front hub	2	
52	142598	HUB ADAPTOR, wire wheel, LH	2	originally for Mkl-III Spitfires; will fit later cars
	142597	HUB ADAPTOR, wire wheel, RH	2	

Note: These hubs will only safely accept the wire wheels specifically designed for Spitfires. Other 13" dia. wire wheels may look as though they fit, but the spline & seat design may differ - so they don't. It's a matter of Triumph engineers effectively widening the axle by using adaptors, but endeavouring to keep the overall track dimension the same.

53	144504	NUT, chamfered, adaptor to hub	16	
----	--------	--------------------------------	----	--

Note: The above nuts must be used when installing wire wheel adaptor hubs. If ordinary wheel nuts are used, each wheel will be unable to locate properly on its adaptor. The steering will become increasingly interesting as the wire wheels start sliding along the hubs and the wheel nuts & spinners begin to unfasten.

54	122126	SEAL, rubber	2	vertical link to trunnion
55	140920	TRUNNION, lower, LH	1	
	140919	TRUNNION, lower, RH	1	
	140920Z	TRUNNION, lower, LH	1	aftermarket
	140919Z	TRUNNION, lower, RH	1	
56	GSJ791Z	BUSH SET, trunnion, car set	1	complete kit for both sides
	GSJ891	BUSH SET, trunnion, per side	2	

ill.	Part Number	Description	Req.	Details
57	140892SPK	BUSH SET, front trunnion bush, poly (Kit includes: 4 bushes & 2 tubes).	1	Superpro
58	QHQS88	BALL JOINT & TRUNNION KIT, complete (Inc: Trunnions & ball joints with bushes & hardware for both sides).	1	car set
59	QHQS88ARH	BALL JOINT & TRUNNION KIT, RH (Inc: Trunnion & ball joint with bushes & hardware for RH side only).	1	one side
	QHQS88ALH	BALL JOINT & TRUNNION KIT, LH (Inc: Trunnion & ball joint with bushes & hardware for RH side only).	1	one side
60	GSA267	SHOCK ABSORBER, standard, each	2	
	TT3301PR	SHOCK ABSORBER, Spax, pair	1	
	TT3302PR	SHOCK ABSORBER, Koni, pair	1	adjustable
	TT3303	SHOCK ABSORBER, Gaz, each	2	
	TT3307	SHOCK ABSORBER, Gaz, each	2	ride & height adjustable

Note: Shock absorbers should always be replaced as a pair. Bushes are included.

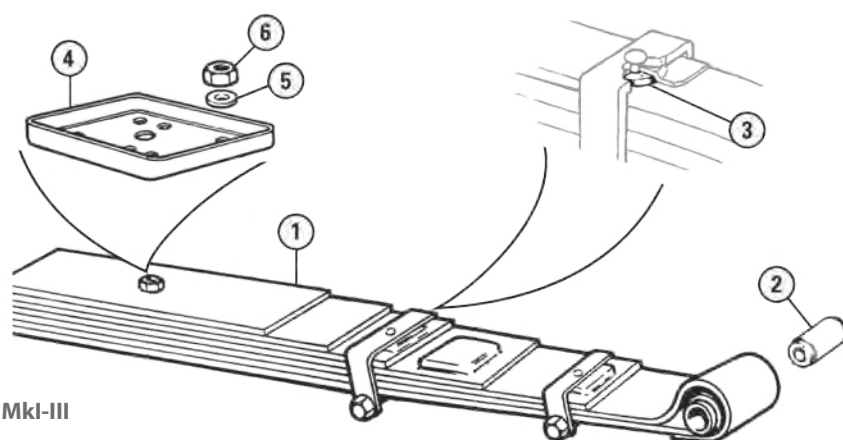
61	119450Z	BUSH, shock absorber eye, rubber	4	
	119450SPK	BUSH SET, shock absorber eye, poly (Includes: 2 bushes & 2 tubes).	4	
62	517984	WASHER, cupped (Upper mounting bush retaining).	4	for standard shock absorbers
63	517985	BUSH, upper mounting, rubber	4	
	517985SPK	BUSH SET, upper mounting, poly	4	
64	GHF202	NUT	2	
65	NT606041	NUT, locking	2	
66	209685	ROAD SPRING, standard	2	Mkl to (c) FC3214 & from (c) FC39528 & MkII
	210566	ROAD SPRING, standard	2	
	214144	ROAD SPRING, standard	2	Mkl to (c) FC3215 to (c) FC39527
	GSV1030	ROAD SPRING, standard	2	
	TT4301PR	ROAD SPRING SET, front (pair) (Silicon chrome).	2	slightly lower ride height
67	122137	PLATE, spring mounting, upper	2	
68	WM93	WASHER, plain	6	
69	GHF221	NUT, nyloc	6	

Note: A range of spacers are available to increase the ride height of the car. The upper spring mounting plate (67) will accept the thin spacer TT4404 above it (& still leave enough of the mounting studs lengths free to fit the assembly safely), but if a further increase in height is required, the spacer TT4405 must be used under the coil spring.

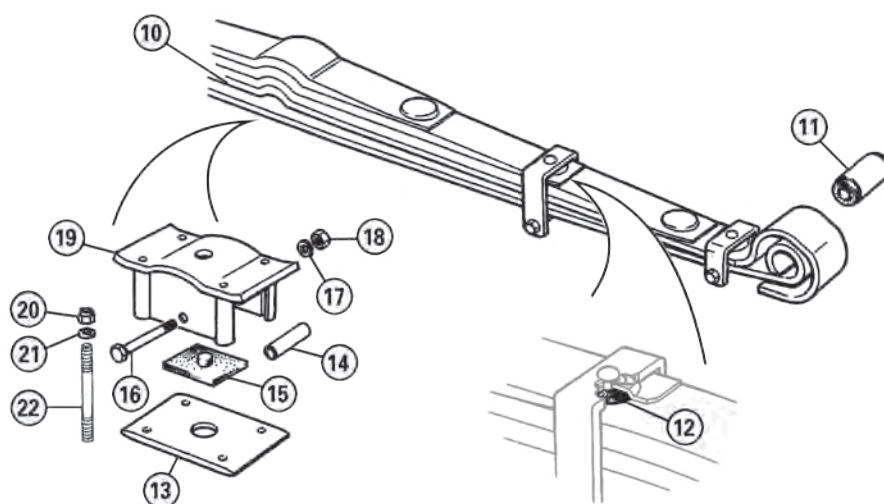
70	TT4404	SPACER, above spring cap	2	0.375" (0.95cm)
71	TT4405	SPACER, below coil spring	2	0.875" (2.22cm)

Note: A batch of springs during the Spitfire Mkl production from (c) FC3215 to FC39527 were supplied 3/8" too short so a spacer was fitted until correct springs were available.

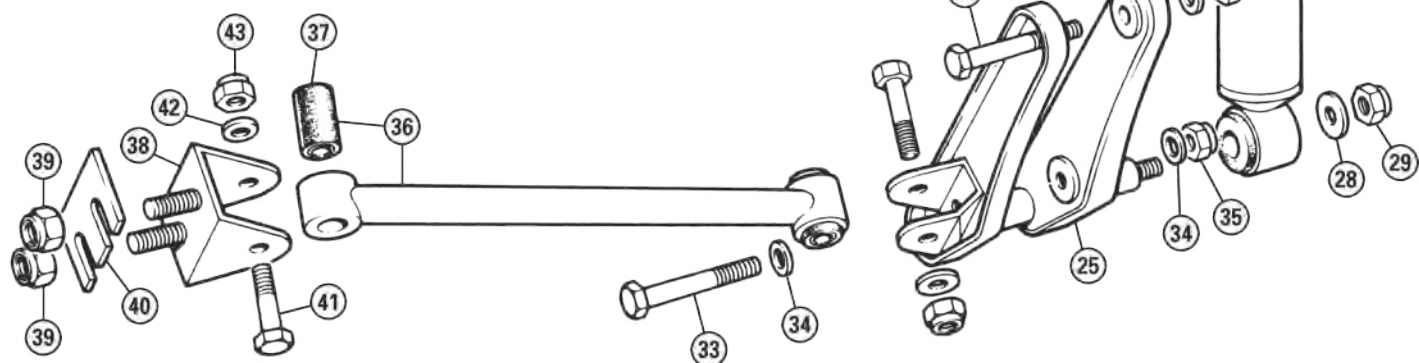
72	206686	WISHBONE ARM, lower, LH	1	
	206685	WISHBONE ARM, lower, RH	1	
73	119142	BOLT, trunnion to lower wishbone	2	
74	BH607201	BOLT, s/abs to lower wishbone	2	
75	WD600071	WASHER, plain	4	
76	GHF224	NUT, nyloc	4	
77	119451	BUSH, front wishbone, rubber	4	
	119451SPKF	BUSH SET, front wishbone, poly (Includes: 16 split type bushes & 8 tubes).	1	
78	BH606191	BOLT, wishbone pivot	4	
79	GHF223	NUT, nyloc	4	
80	130757	BRACKET, pivot, front	2	
81	130758	BRACKET, pivot, rear	2	
82	GHF302	WASHER, plain	4	
83	GHF223	NUT, nyloc	4	
84	122022	SHIM, camber adjustment	a/r	
90	217033	ANTI-ROLL BAR	1	
91	125482	LINK, anti-roll bar to wishbone, LH	1	
	125481A	LINK, anti-roll bar to wishbone, RH	1	
92	WB600071A	WASHER, plain	2	
93	GHF224	NUT, nyloc	2	
94	WP20X	WASHER, plain, inner	2	
95	125074	STUD, link	2	
96	GHF303	WASHER, plain, outer	2	
97	GHF223	NUT, nyloc	2	
98	155307	U BOLT, roll bar	2	
99	155308	CAP, retaining roll bar	2	
100	155310	BUSH, anti-roll bar, rubber	2	
	155310SPK	BUSH SET, anti-roll bar, poly (Includes: 2 bushes).	1	
101	GHF301	WASHER, plain	4	
102	GHF222	NUT, nyloc	4	
103	GBK6601X	FITTING KIT, suspension, rear (Kit inc. items 3, 4, 5, 8, 9, 10, 73, 74, 75, 76, 78, 79 to service one side of the front suspension).	2	per side



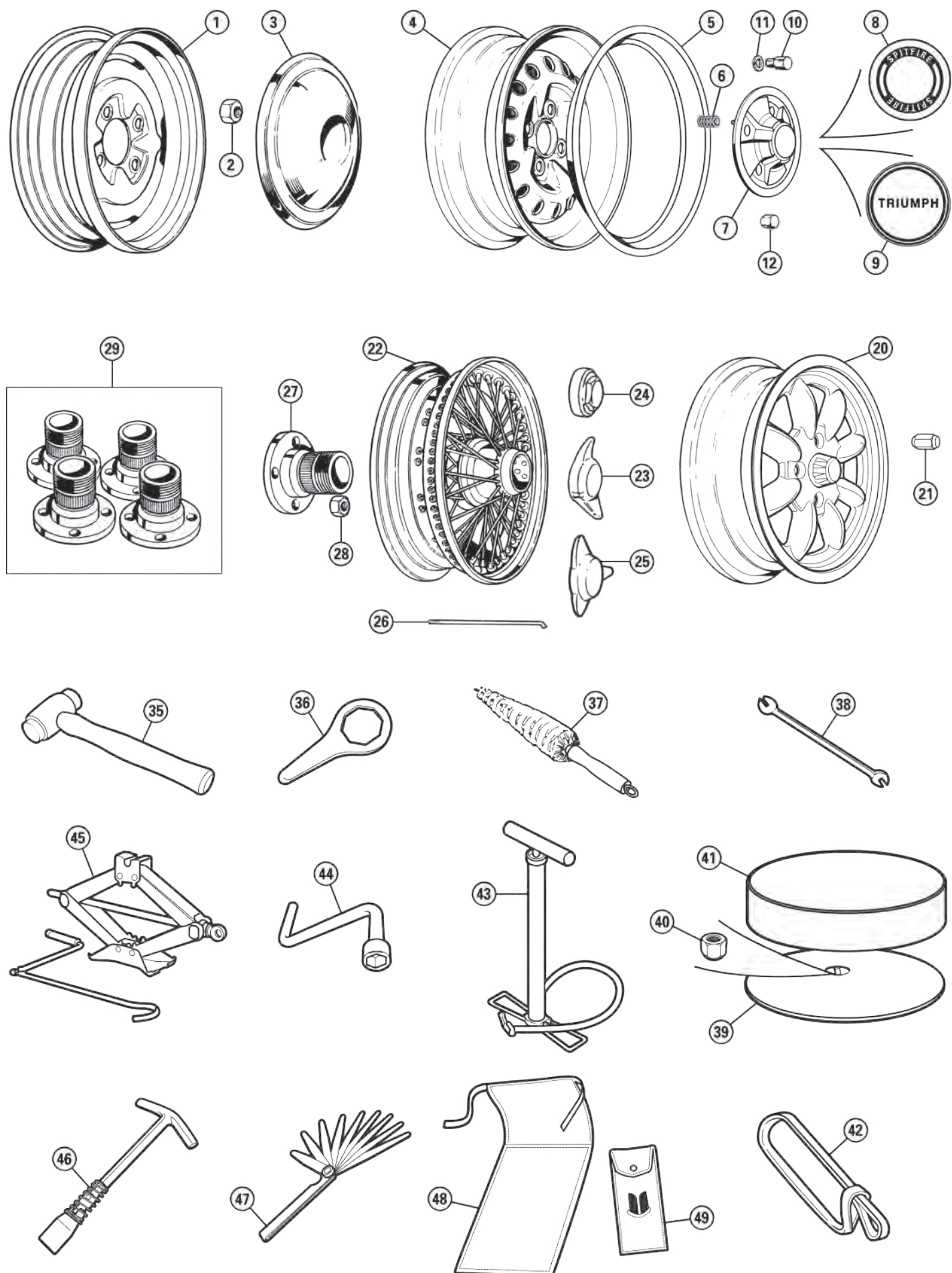
Mkl-III



MkIV & 1500



ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
Rear Suspension					43	GHF223	NUT, nyloc	4	
A rear spring shows its tiredness by inducing excessive camber on one of the rear wheels, usually the driver's side. This malady can be cured by replacing the spring with either a new or reconditioned unit to restore spring tension. It will also restore the ride quality of the car.					44	GBK6602X	FITTING KIT, suspension, rear	1	axle set
					(Kit inc. items 28, 29, 33, 34, 35, 41, 42, 43 to service both sides of rear suspension).				
MkI-III									
1	305894	SPRING, new	1						
	TT4313N	SPRING, negative camber, new	1						
2	C8939A	BUSH, rear spring eye	2						
	C8939ASPK	BUSH SET, rear spring eye, poly	1						
		(Includes: 4 bushes & 2 tubes).							
3	114006	BUSH, thrust button	4	fits between leaves					
4	128352	PLATE, top retaining	1						
5	WB110061	WASHER, plain	6						
6	GHF223	NUT, nyloc	6	alternatives					
	LNZ106	NUT, aero, locking	6						
Note: Spring 305894 includes items 2 & 3 only.									
MkIV & 1500									
10	159640Z	LEAF SPRING, rear	1						
	TT4413N	LEAF SPRING, rear, negative camber	1						
11	C8939A	BUSH, rear spring eye	2						
	C8939ASPK	BUSH SET, rear spring eye, poly	1						
		(Includes: 4 bushes & 2 tubes).							
12	114006	BUSH, thrust button	4	fits between leaves					
13	149189	PLATE, mounting box, lower	1						
14	149190	SPACER TUBE, lower leaf	1						
15	149191	PAD, rear spring, rubber	1						
16	BH605211	BOLT, centre pivot	1						
17	GHF332	WASHER, spring	1						
18	GHF201	NUT	1						
19	159641	BRACKET, centre mounting box	1						
20	GHF223	NUT	4						
21	WB110061	WASHER, plain	4						
22	131008	STUD, rear spring	4						
Note: Springs 159640Z include items 11 & 12 only.									
Shock Absorber & Fittings - All Models									
25	132764	VERTICAL LINK, rear, LH	1						
	132763	VERTICAL LINK, rear, RH	1						
26	GSA385	SHOCK ABSORBER, standard, each	2						
	TT3311PR	SHOCK ABSORBER, Spax, pair	1						
	TT3312PR	SHOCK ABSORBER, Koni, pair	1	adjustable					
	TT3313	SHOCK ABSORBER, Gaz, each	2						
Note: Shock absorbers should always be replaced as a pair. Bushes are included.									
27	102987	BUSH, shock absorber, rubber	8	standard shock					
	102987SPK	BUSH SET, shock absorber, poly	4	absorber only					
		(Includes: 2 one piece bushes).							
28	WM69	WASHER, plain	2						
29	GHF224	NUT, nyloc	2						
30	118599	BOLT, shock absorber	2						
31	GHF304	WASHER, plain	2						
32	GHF275	NUT, nyloc, thin	2						
33	BH607281	BOLT, vertical link to spring/rear hub	4						
34	WD600071	WASHER, plain	4						
35	GHF224	NUT, nyloc	4						
36	133065	RADIUS ARM, rear	2	MkI-IV to (c) FH50000					
	155930	RADIUS ARM, rear	2	MkIV from (c) FH50001 & 1500					
37	119451	BUSH, rear radius arm, rubber	4						
	119451SPKR	BUSH KIT, rear radius arm, poly	1						
		(Kit includes: 8 split type bushes & 4 tubes).							
38	151967	BRACKET, pivot, LH	1	MkI-IV to (c) FH50000					
	151966	BRACKET, pivot, RH	1						
	159842	BRACKET, pivot, LH	1	MkIV from (c) FH50001					
	159843	BRACKET, pivot, RH	1	& 1500					
Note: Although the rear spring was not altered when the drive shaft length was increased (during MkIV production at (c) FH50001), the mounting brackets & radius arms were modified to suit the new position they were required to take up.									
39	GHF223	NUT, nyloc	4						
40	133070	SHIM, pivot bracket to chassis	a/r						
41	BH606181	BOLT, radius arm	4						
42	GHF302	WASHER, plain	4						



ill.	Part Number	Description	Req.	Details
Road Wheels				
1	303804	WHEEL, steel, 13" x 3.5", wide slots	5	MkI-II to (c) FC56030
	307401	WHEEL, steel, 13" x 3.5", narrow slots	5	MkII from (c) FC56031, MkIII to FD75000
	307405	WHEEL, steel, 13" x 4.5", narrow slots	5	MkIII from FD75001
2	113087	WHEEL NUT	16	MkI-III
3	122806	HUB CAP	4	MkI-III
	307583	WHEEL TRIM	4	optional extra, not USA
4	TT7365	WHEEL, steel, 13" x 4.5"	5	MkIV
	TT7365	WHEEL, steel, 13" x 4.5"	5	1500 to (c) FH130000
	PKC518	WHEEL, steel, 13" x 5"	5	1500 from (c) FH130001
5	GL2225Z	WHEEL TRIM, 13", chrome, single	4	stainless steel
	GAC2254X	WHEEL TRIM SET, 13", chrome, 4 piece	1	
6	628097	SPRING, hub cap tensioning	16	
7	YKC1335	HUB CAP, silver	4	
8	633590	FOIL, wheel centre, silver & black	4	'Spitfire' 1300
9	YKC1334	FOIL, wheel centre, silver & blue	4	'Triumph' 1500
10	155751	WHEEL NUT, chrome	16	MkIV-1500
	155751SS	WHEEL NUT, s/steel	16	
11	155753	WASHER, wheel nut	16	
12	154028	WHEEL NUT, chrome	16	steel wheels only
(For steel wheels without hub caps).				

Note: Due to the prohibitive cost of tooling the complex centre pressing, Spitfire steel wheels are currently unavailable. We can offer an alloy wheel alternative, styled as a replica of the 8 spoke competition wheels widely used in the 1960's & 1970's. This wheel is manufactured specifically for Spitfires in a silver finish. Special wheel nuts must be used.

20	GAC8223X	WHEEL, 8 spoke, alloy, silver, 13" x 5"	5	
	GAC8223F	WHEEL, 8 spoke, alloy, gun metal, 13" x 5"	5	
21	AHA8785	WHEEL NUT, chrome	16	for alloy wheels only
	AHA8785SS	WHEEL NUT, s/steel	16	
22	WWP466	WIRE WHEEL, painted, 13" x 4.5"	4	
	WWC466	WIRE WHEEL, chrome, 13" x 4.5"	4	
	WWC5729	WIRE WHEEL, chrome, 13" x 5.5"	4	centre laced
23	AHA7373	WHEEL SPINNER, 2 eared, 8 TPI, RH	2	all markets except USA,
	AHA7374	WHEEL SPINNER, 2 eared, 8 TPI, LH	2	Germany & Switzerland
24	88G606	WHEEL SPINNER, octagonal, 8 TPI, RH	2	USA, Germany & Switzerland
	88G607	WHEEL SPINNER, octagonal, 8 TPI, LH	2	
25	107948/3	WHEEL SPINNER, 3 eared, 8 TPI, RH	2	
	107949/3	WHEEL SPINNER, 3 eared, 8 TPI, LH	2	
26	514930	SPOKE, short, 3.62", painted	a/r	60 spoke painted
	514931	SPOKE, long, 5.01", painted	a/r	wire wheels
	514930CP	SPOKE, short, 3.62", chromed s/steel	a/r	60 spoke chrome
	514931CP	SPOKE, long, 5.01", chromed s/steel	a/r	wire wheels
27	142598	HUB ADAPTOR, wire wheel, LH	2	originally for MkI-III
	142597	HUB ADAPTOR, wire wheel, RH	2	Spitfires; but will fit later cars

Following the success of their earlier TR wheel hubs, designers at Standard Triumph developed a wheel hub set which would bolt directly to the steel wheel axles of the Spitfire. We are able to supply these for owners wishing to convert from steel to wire wheels. Please note that Adaptor nuts will be required and are not supplied with the adaptor hubs.

These hubs will only safely accept the wire wheels specifically designed for Spitfires. Other 13" dia. wire wheels may look as though they fit, but the spline & seat design may differ - so they don't. (See below for hubs for custom built cars) It's a matter of Triumph engineers effectively widening the axle by using adaptors, but endeavouring to keep the overall track dimension the same.

28	144504	NUT, chamfered, adaptor to hub	16	
----	--------	--------------------------------	----	--

Note: The above nuts must be used when installing wire wheel adaptor hubs. If ordinary wheel nuts are used, each wheel will be unable to locate properly on its adaptor. The steering will become increasingly interesting as the wire wheels start sliding along the hubs and the wheel nuts & spinners begin to unfasten.

Offset Splined Hub Kit

If you have ever wanted to fit larger diameter or wider wire wheels to your Spitfire/Herald, but were always told you couldn't, well think again, because Moss Europe can now supply (a set of 4) easy to fit bolt-on splined hubs that fit directly onto your existing (disc brake type) hub flange utilising the original wheel studs. Simple. Because these splined hubs have an ingenious off-set, they allow you the fitting of 14"/15" diameter (centre lock wire) wheels - and, a choice of different rim widths. So now you really can make your classic not only look good, but you can make it a real head turner.

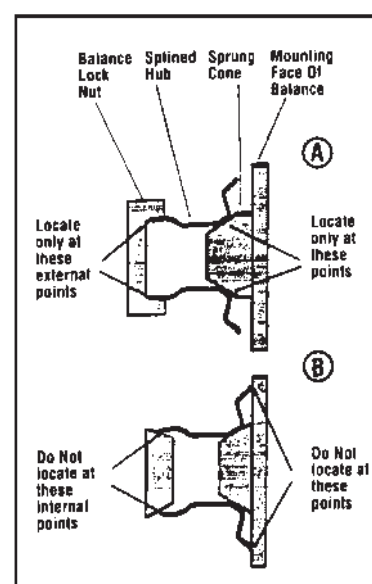
29	GAC7051X	HUB ADAPTOR KIT, wire wheel	1	off-set splined
27	142598L	HUB ADAPTOR, wire wheel, long, LH	2	also suitable for
	142597L	HUB ADAPTOR, wire wheel, long, RH	2	custom built cars using
				Spitfire running gear
28	144504	NUT, chamfered, adaptor to hub	16	

Note: The above nuts must be used when installing wire wheel adaptor hubs. If ordinary wheel nuts are used, each wheel will be unable to locate properly on its adaptor. Unless you already have 'standard' bolt-on centre lock/splined hubs fitted, you will need to order 16 nuts.

Roadside Tools & Equipment

ill.	Part Number	Description	Req.	Details
35	C27290	HAMMER	1	copper & hide
36	AHH5839	SPANNER, wire wheel spinner	1	octagonal knock on nuts
37	GAC4089	BRUSH	1	for wire wheels
38	MM385-800	SPOKE SPANNER, adjusting	1	
39	706807	BOARD, spare wheel	1	not suitable for wire wheels
40	113087	WHEEL NUT	1	(fit flat side down)
41	717601	COVER, spare wheel	1	for standard dimension wheel & tyre
42	JRC7954	STRAP, spare wheel removal	1	
43	523638A	TYRE PUMP, period stirrup type	1	
44	21A2818	WHEEL NUT SPANNER	1	steel & bolt on wire wheels
45	MTR311301	SCISSOR JACK, with handle	1	1.5 tonne
46	MTR13868	SPANNER, spark plug	1	
47	MTR191502	FEELER GAUGE SET	1	imperial
48	716032	TOOL BAG, Hardura, black*	1	
49	725793	TOOL POUCH, polythene, black*	1	
	715097	TOOL POUCH, polythene, blue*	1	(USA cars)
	715092	TOOL POUCH, polythene, red*	1	

*Note: Tools not included. See our Restoration Tools catalogue for our full range of workshop tools & equipment.



How To Balance Centre Lock Wire Wheels

We show here the advice given to tyre fitters, produced by Motor Wheel Services.

These notes are intended as a guide in helping to solve problems that are commonly encountered when balancing wire wheels on an electronic balancer.

Diagram A

Is the correct method of locating the wheel.

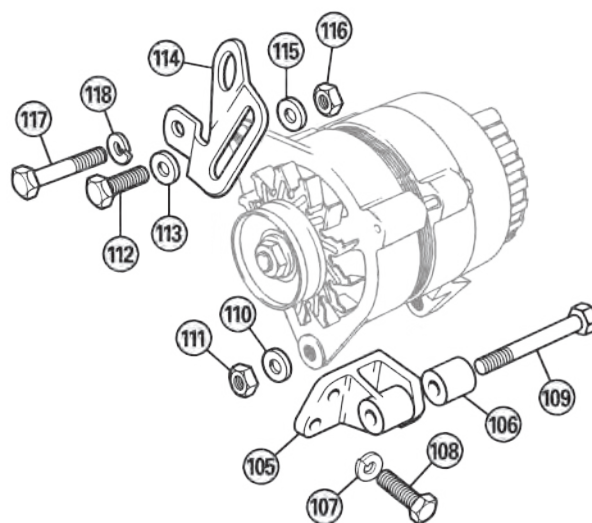
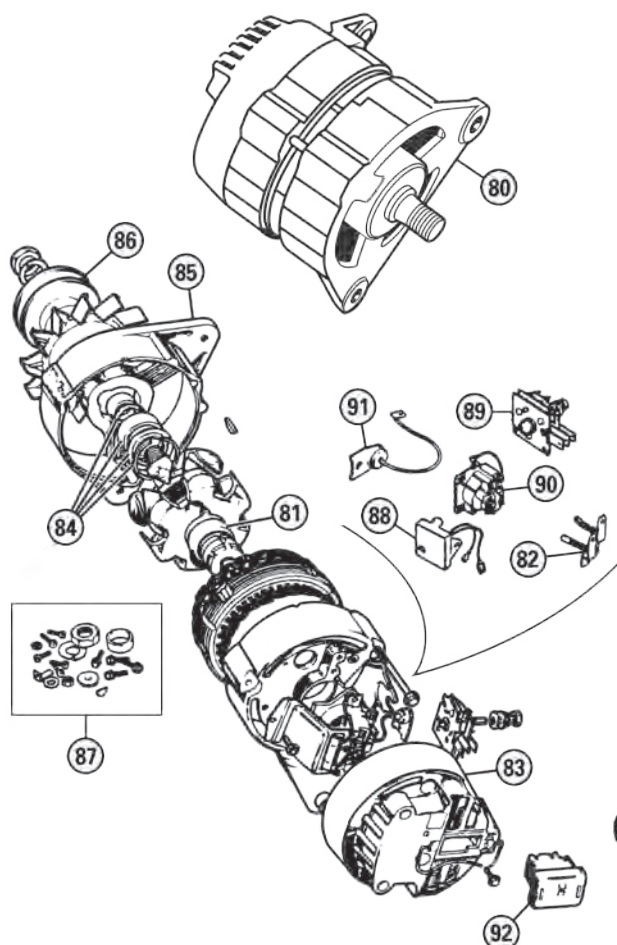
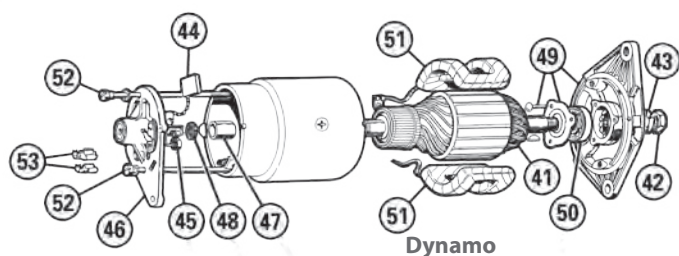
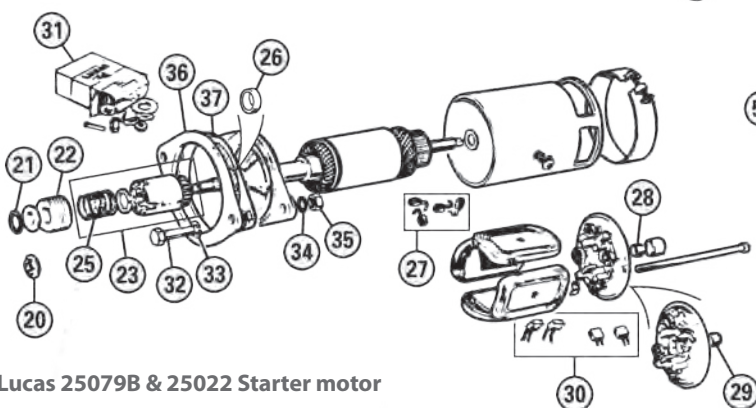
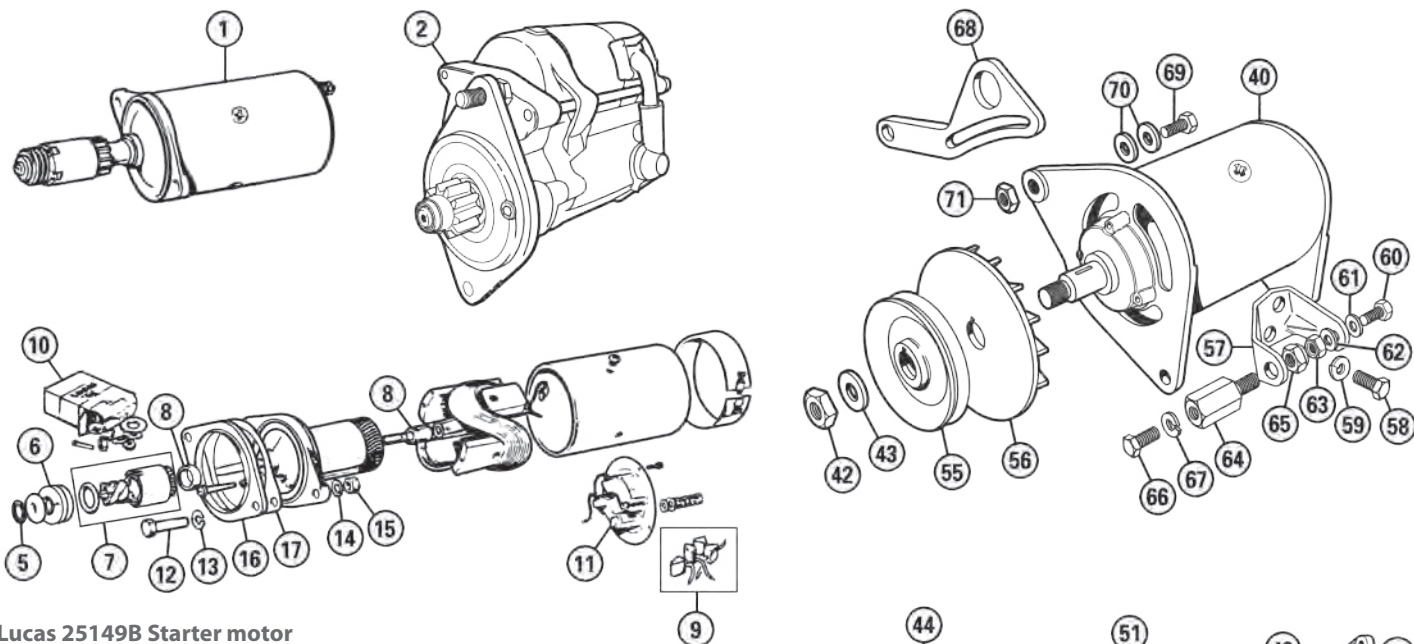
Diagram B

Shows the wrong method and one which gives false readings, giving the appearance of untrue or wheels that require large amounts of weights to balance the wheel.

Points To Check

- The original high degree of balance may be affected by wheel damage as well as by other factors related to the tyres uneven tread wear, cover or tube repairs.
- If vibration or high speed steering troubles develop, and this cause is not disclosed by mechanical investigation, then the complete tyre & wheel assembly should be checked for balance.
- It is IMPERATIVE that the hubs are located in the balancing machine in exactly the same manner as located on the car, and the factory truing jigs. Alternatively, balance on the vehicle, this operation can only be done on the front wheels.

Motor Wheel Services' dedicate considerable time to ensure that your wheels are of the highest quality & reliability. Following this guide, and the information contained in our centre-lock brochure will provide the highest level of customer satisfaction.



ill. Part Number

Description

Req. Details

Starter Motor & Alternator

Starter Motor

During the production of the Spitfire, Triumph fitted three different models of Lucas starter motor. All are interchangeable and have similar working characteristics. The problems start if you wish to repair your own starter motor. You will need to know the model type to ensure the correct parts for repair are ordered. The three model numbers are 25079B, 25022 and 25149B. The Unipart/Lucas replacement rebuilt starter we supply is suitable for all applications.

Inertia Starter Motor

1	GEU9405	STARTER MOTOR, new	1	all models
	GXE4405	STARTER MOTOR, exchange, recon	1	

Pre-Engaged Starter Motor

2	GXE9405XS	STARTER MOTOR, hi-torque, new*	1	all models
---	-----------	--------------------------------	---	------------

*Note: Discard stepped adaptor.

These brand new (non-exchange) powerful Pre-Engaged (Geared) starter motors are high torque, meaning they will not suffer the same fate as the original 'Inertia' type, especially on high compression engines and, they are a direct replacement. No more costly motor rebuilds or excessive battery drain.

Lucas 25149B Starter Motor

5	519813	CLIP, retaining	1	
6	7H5045	SPRING	1	
7	BAU5781	PINION, barrel & screw	1	10 teeth
	67H5010	PINION, barrel & screw	1	9 teeth
8	519812	BUSH SET, front & rear	1	
9	GSB105	BRUSH SET, wedge type	1	
10	519566	SUNDRIES KIT	1	
11	37H4672	PLATE, rear	1	
12	BH606181	BOLT, starter to engine	2	
13	GHF333	WASHER, spring	2	
14	WE600061	WASHER, shakeproof	2	
15	GHF202	NUT	2	
16	131570	PLATE, mounting spacer	1	motor to engine plate
17	104549	SHIM	a/r	starter bendix adjustment

Lucas 25079B & 25022 Starter Motors

20	508548	NUT, retaining	1	25022 only
21	519813	CLIP, retaining	1	25079B only
22	7H5045	SPRING	1	
23	BAU5781	PINION, barrel & screw	1	10 teeth
	67H5010	PINION, barrel & screw	1	9 teeth
25	501711	SPRING	1	
26	7H5049	BUSH, drive end	1	25022 only
	47H5346	BUSH, drive end	1	25079B only
27	509819A	SPRING SET	1	pressed steel end plate
	47H5341	SPRING SET	1	die-cast end plate
28	47H5340	BUSH, commutator end	1	pressed steel end plate
29	511141	BUSH, commutator end	1	die-cast end plate
30	GSB102	BRUSH SET	1	
31	070391	SUNDRIES KIT	1	
32	BH606181	BOLT, starter to engine	2	
33	GHF333	WASHER, spring	2	
34	WE600061	WASHER, shakeproof	2	
35	GHF203	NUT	2	
36	131570	PLATE, mounting spacer	1	motor to engine plate
37	104549	SHIM	a/r	starter bendix adjustment

Dynamo, Mkl-III

40	211921	DYNAMO	1	
	GEU3101	DYNAMO, C40, new	1	includes metric nut

Note: The Dynamo GEU3101 is a replacement for the original type. It uses a metric nut (AEJ49NUT) in place of NT607041 which is for original dynamos. If a replacement nut is required it will depend on which dynamo is fitted.

41	509311A	ARMATURE	1	
42	NT607041	NUT, shaft	1	
	AEJ49NUT	NUT, shaft, M12	1	for GEU3101 dynamo
43	GHF334	WASHER, spring	1	
44	GGB102	BRUSH SET	1	
45	RTC466A	SPRING SET, brush	1	
46	47H5395	BRACKET, commutator end	1	less bush
47	7H5390	BUSH, commutator end bracket	1	

ill. Part Number

Description

Req. Details

48	032307	WASHER, felt	1	
49	27H7647	BRACKET, drive end	1	less bush
50	529221A	BEARING, drive end bracket	1	
51	607141A	COIL, field set	1	
52	509316	BOLT, through end brackets	2	
53	123868	BLADE, lucar	1	
	124941	BLADE, lucar	1	
NI	209656	DYNAMO CONTROL BOX	1	
NI	511585	COVER	1	
NI	511586	RESISTANCE, swamp	2	
NI	511587	RESISTANCE, points	1	
NI	AB610101	SCREW, control box attachment	3	
NI	WL700101	WASHER, spring, control box attachment	3	

Dynamo Mountings

55	104897	PULLEY, dynamo	1	to (e) FD11147E
	147906	PULLEY, dynamo	1	from (e) FD11148E
	12G2102A	PULLEY, dynamo, aluminium	1	
56	102986	FAN, dynamo pulley	1	to (e) FD21966E
	147333	FAN, dynamo pulley	1	from (e) FD21967E
	17D11	FAN, dynamo pulley	1	alternative
57	104890	BRACKET, dynamo	1	
	137622	BRACKET, reinforcing	1	
58	SH605061	SCREW, bracket to engine	2	
59	GHF332	WASHER, spring	2	
60	BH605101	BOLT, dynamo to bracket	1	
61	GHF301	WASHER, plain	a/r	
62	PWZ305	WASHER, plain	a/r	
63	GHF272	NUT, nyloc, thin	1	
64	104902	PEDESTAL, dynamo	1	
65	GHF275	NUT, nyloc	1	
66	51K1774	BOLT, pedestal attachment	1	
67	GHF332	WASHER, spring	1	
68	121215	LINK, dynamo adjusting bracket	1	
69	SH505071	SCREW, dynamo to adjusting link	1	
70	WP17	WASHER, plain	1	
71	JN2158	NUT, jam	1	

Lucas Alternators, 11AC & 15, 16 & 17 ACR types

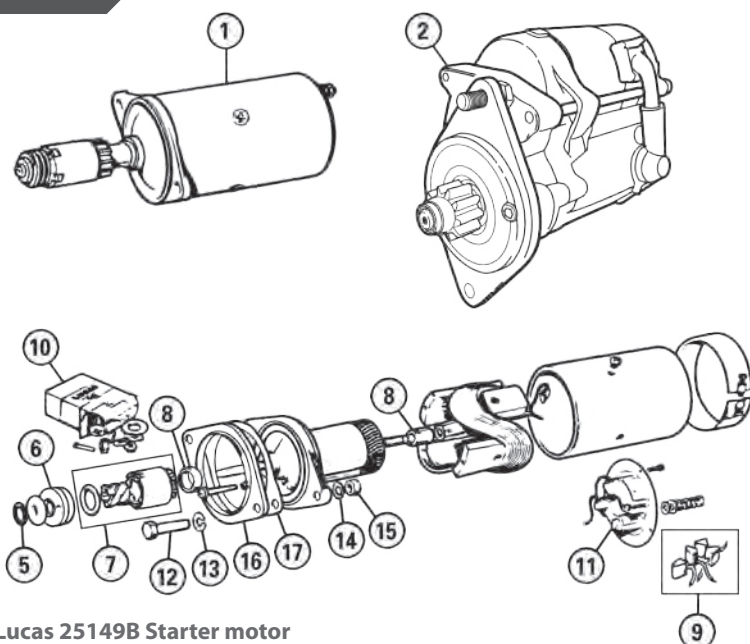
For the MKIII Spitfire, Triumph offered a Lucas 11AC as an option. Whilst the 11AC is no longer available, the MKIV & 1500 alternators are a straight swap. Triumph, in their wisdom, used six different Lucas alternators on the MkIV & 1500 models. However, thanks to Unipart logic they all end up as having one part number. This is due also to Lucas upgrading and improving the alternators performance and output without affecting any other characteristics.

80	211962	ALTERNATOR, 11AC, positive earth		
	213121	ALTERNATOR, 11AC, negative earth		
	GXE8211	ALTERNATOR, 17ACR, 35A	1	replacement for original
	GEU2206	ALTERNATOR, 18ACR, 45A	1	improved output
81	18G8620	BEARING, rear	1	
82	GGB504	BRUSH SET	1	
83	NKC484A	COVER, rear, plastic	1	
84	18G8619	BEARING, front	1	
85	AAU3956A	FAN	1	
86	AEU1238	PULLEY	1	
87	37H2258	SUNDRIES KIT	1	
88	BAU4443A	REGULATOR, 2 or 3 lead type	1	15 acr
	BAU5264	REGULATOR, 4 lead type	1	16/17 acr
89	BAU5063	RECTIFIER, 2 connections	1	15 acr
	AEU4152A	RECTIFIER, 3 connections	1	16/17 acr
90	607693A	BRUSH BOX	1	15/16/17 acr
91	AEU3079A	SURGE PROTECTOR, if fitted	1	16/17 acr
92	GEU250	PLUG KIT	a/r	

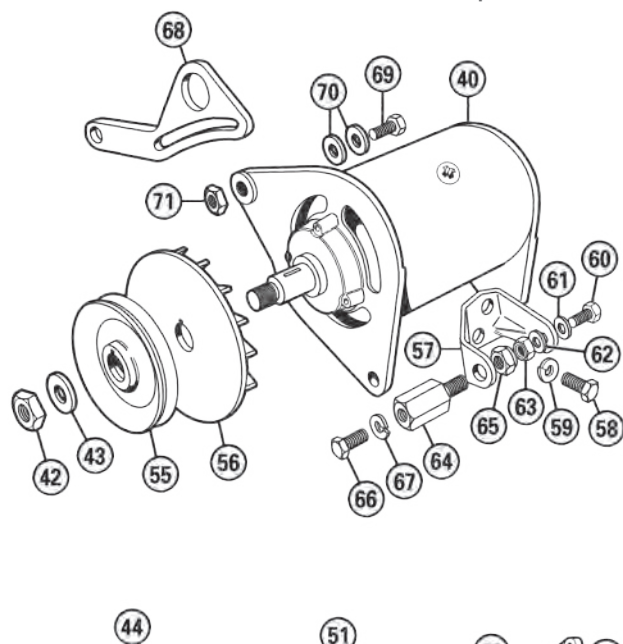
AC Delco Alternator 35 amp type

This is a rare original fitment item only used on some MkIV models to commission number FM/FH50000 (1973). The more common Lucas unit can be fitted instead.

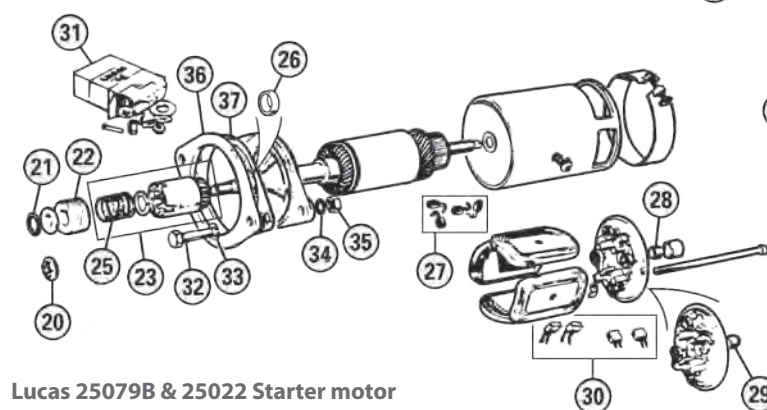
	GXE2224	ALTERNATOR, recon/exchange	1	
95	BHM7044	PULLEY	1	
96	BHM7040	FAN	1	
97	BHM7038	BEARING, front	1	
98	GGB506	BRUSH SET	1	
99	BHM7042	BEARING, rear	1	



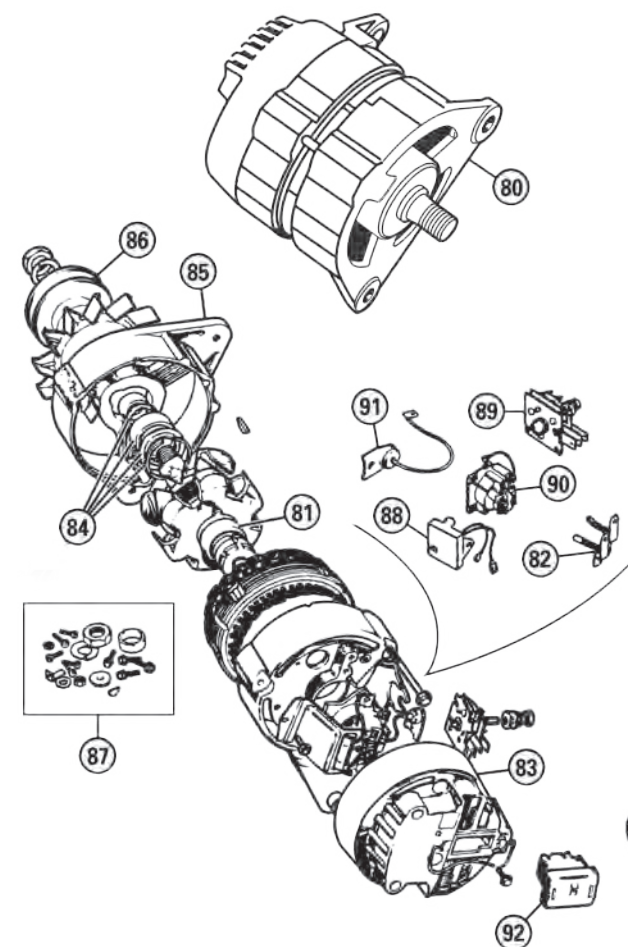
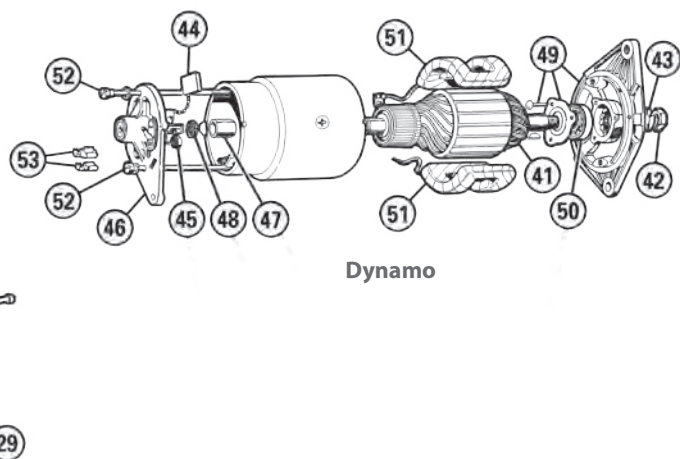
Lucas 25149B Starter motor



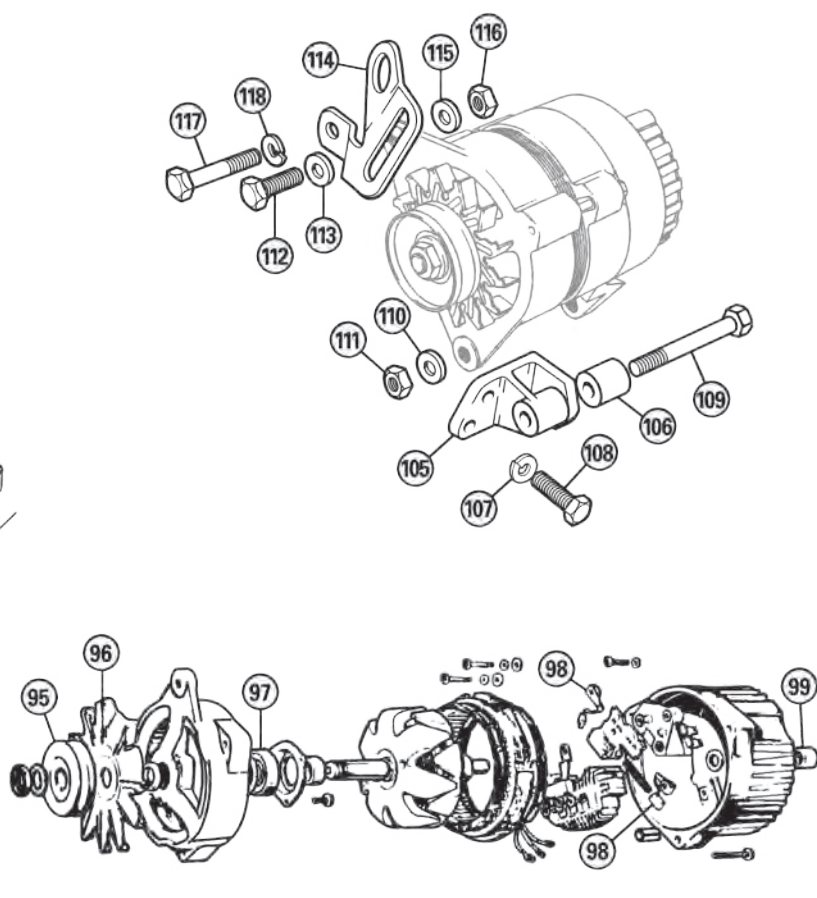
Dynamo



Lucas 25079B & 25022 Starter motor



Lucas Alternators, 15, 16 & 17 ACR types



AC Delco Alternator

ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------	------	-------------	-------------	------	---------

Alternator Mountings

105	147899	BRACKET, alternator	1	
106	147483	SPACER, bracket	1	
107	GHF332	WASHER, spring	2	
108	GHF103	SCREW	2	
109	BH605401A	BOLT	1	
110	WP139	WASHER, plain	1	
111	GHF242	NUT	1	
112	GHF163	SCREW*	1	
113	WP17	WASHER, plain	1	
114	156464	LINK, alternator adjusting	1	
115	WP17	WASHER, plain	1	
116	JN2158	NUT, locking*	1	
117	BH605181	BOLT	1	adjusting link to w/pump
118	GHF332	WASHER, spring	1	

*Note: Modern replacement alternators are supplied with a metric mounting screw.

Jammed Bendix Gears

Did you ever attempt to start your Spitfire and instead of the more usual loud rumbling sound from the exhaust (and the nasty rattling sound from the scuttle panel), you hear nothing more than a 'clunk'. That 'clunk' might have been finally diagnosed as a jammed starter bendix, but in the meantime there was a way of getting home without resorting to the tow truck. We've all been there, trying to get out of the car park before the ticket ran out, but there is a temporary repair method to release the jammed bendix gear and get you home.

To free the bendix gear, put the car into fourth gear with the ignition off, release the handbrake and rock the car backwards and forwards. Jump back into the car and try again, then take the car out of gear and try again without the car leapfrogging away from rest. Repeat as necessary. Replacement of the starter bendix, starter motor or ring gear should be made at the earliest opportunity.

Stopping Trouble Before the Starter Stops

A starter motor often provides warnings in the form of jamming, slow cranking, or intermittent operation, before it fails completely. Obviously it is in the owner's interests to confront any problems before they become terminal. Having removed the starter from the car, it can be carefully dismantled on a work surface and the possible causes for impending failure investigated. Resist the temptation to submerge the unit in cleaning fluid; doing so would probably result in the purchase of a new starter, since fluid will transfer copper dust from inside the motor to the electrical windings, causing a short circuit. Dust may be removed by compressed air & wiping with a rag dampened with cleaning fluid.

The starter bendix gear can be cleaned and then inspected both for damage and spring return operation. If faulty, the sub assembly can be replaced.

The shaft bushes pressed into the front and rear end plates of the motor should be renewed if necessary. These are 'Oilite' bushes, which should be immersed in light engine oil for 24 hours prior to fitting (the bush material absorbs the oil, to give prolonged lubrication).

'Old lags' of the starter reconditioning trade have jam jars filled with oil and bushes awaiting use. Excess oil must be wiped away upon installation of the bushes (which is achieved by pressing, not hammering!).

Carbon brush replacement, if necessary, can be effected by soldering the replacements to the commutator end shield brush contacts - not hard, just fiddly.

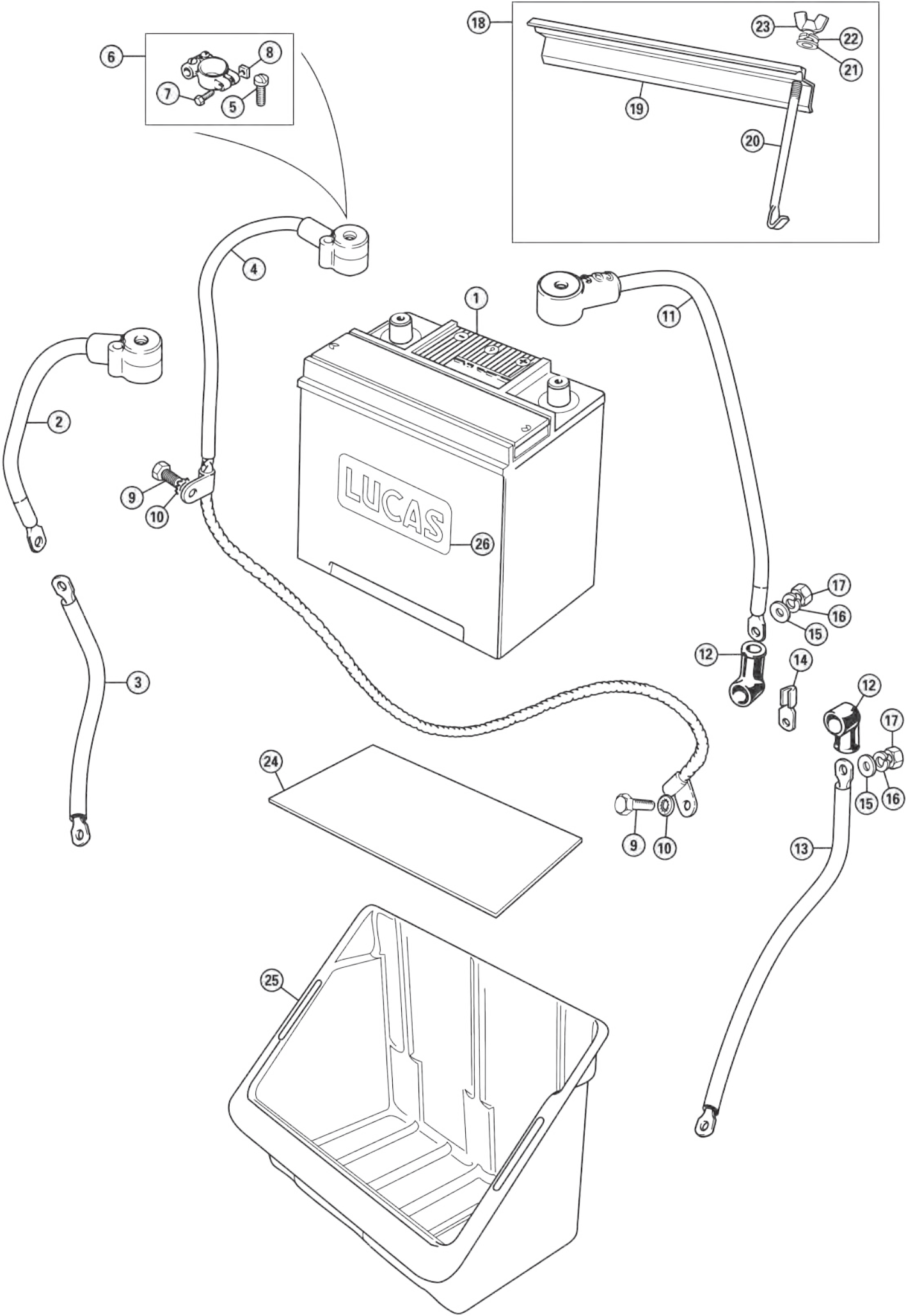
The copper wire windings and insulation of the armature and commutator assembly should be inspected (the commutator is the segmented copper collar contacted by the carbon brushes at one end of the armature). The contact surface must be clean, smooth and concentric to the armature axis. A dirty commutator can be cleaned by wiping with a petrol moistened cloth, then lightly polished with very fine glass paper. If the commutator is not true or excessively scored, it will need to be turned at high speed in a lathe and machined with a very sharp tool. Not everyone has such equipment to hand (!), but most people know of someone who has. The lightest of possible cuts should be made on the lathe to 'true up' the contact area. A very light polish after turning with very fine glass paper is recommended. Under no circumstances should the insulation material between the copper segments of the commutator be undercut. Re-assembly of the starter is the reverse of disassembly. The factory workshop manual may be consulted for any further information.

Before refitting to the car, the motor must be tested.

Secure the starter motor body carefully in a vice and test it by connecting it with heavy gauge cables (jump leads are ideal) to a 12 volt battery. Connect one cable to the starter terminal, the other should be held against the drive end bracket.

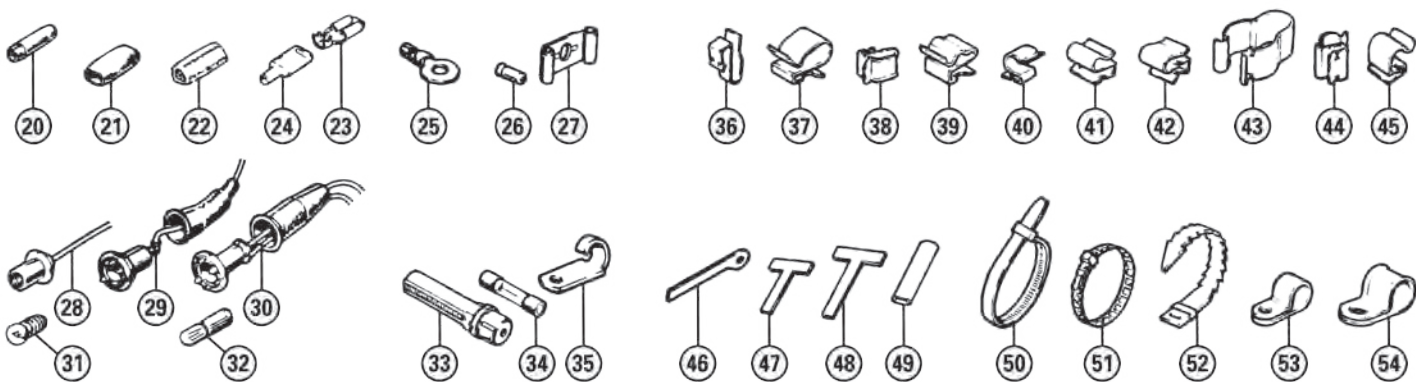
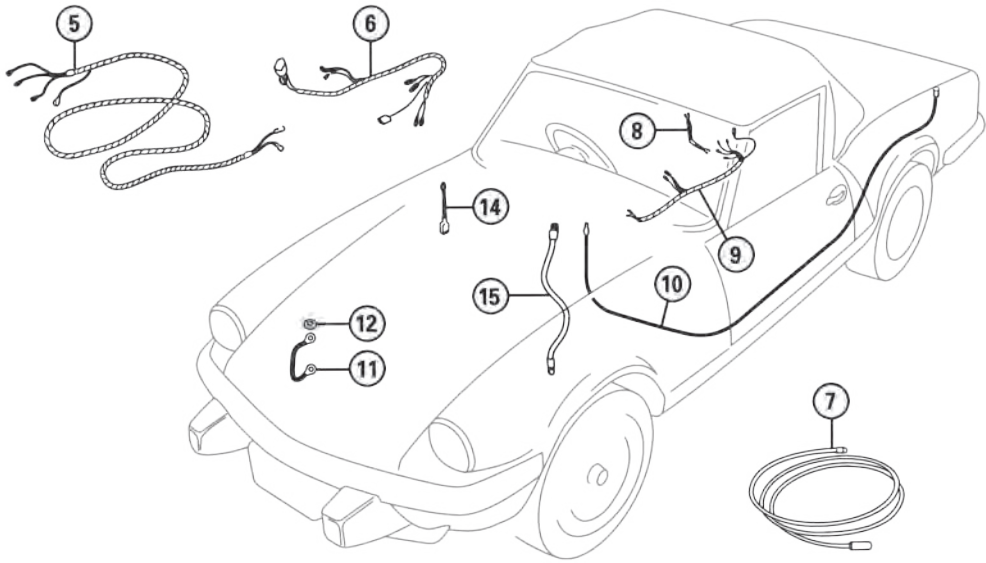
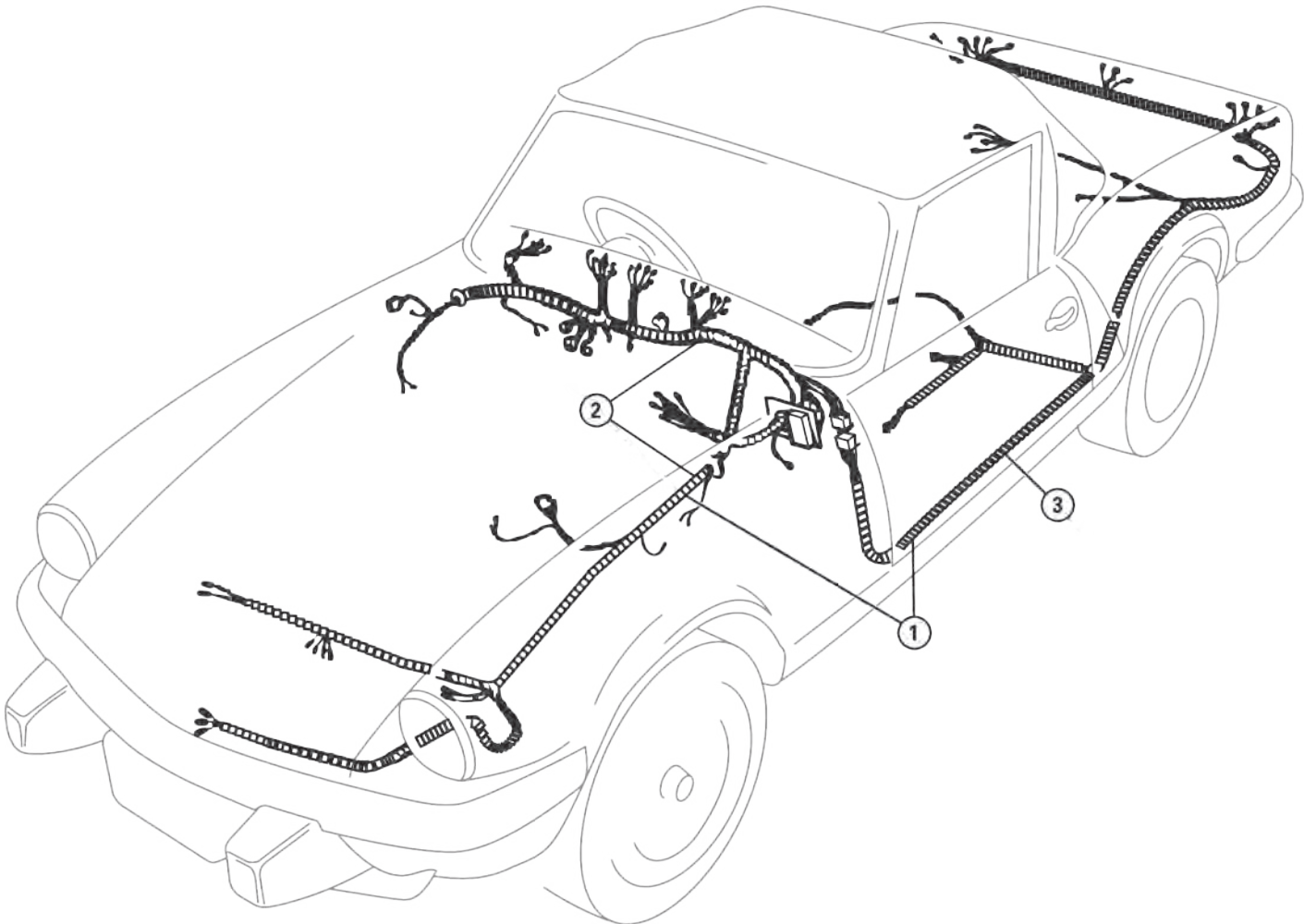
The starter should run at high speed under these light load conditions. Upon rotation, the bendix gear should move axially along the armature shaft towards the motor itself.

When the power is removed and the motor stops, the gear should return to its original position at the outer end of the shaft.

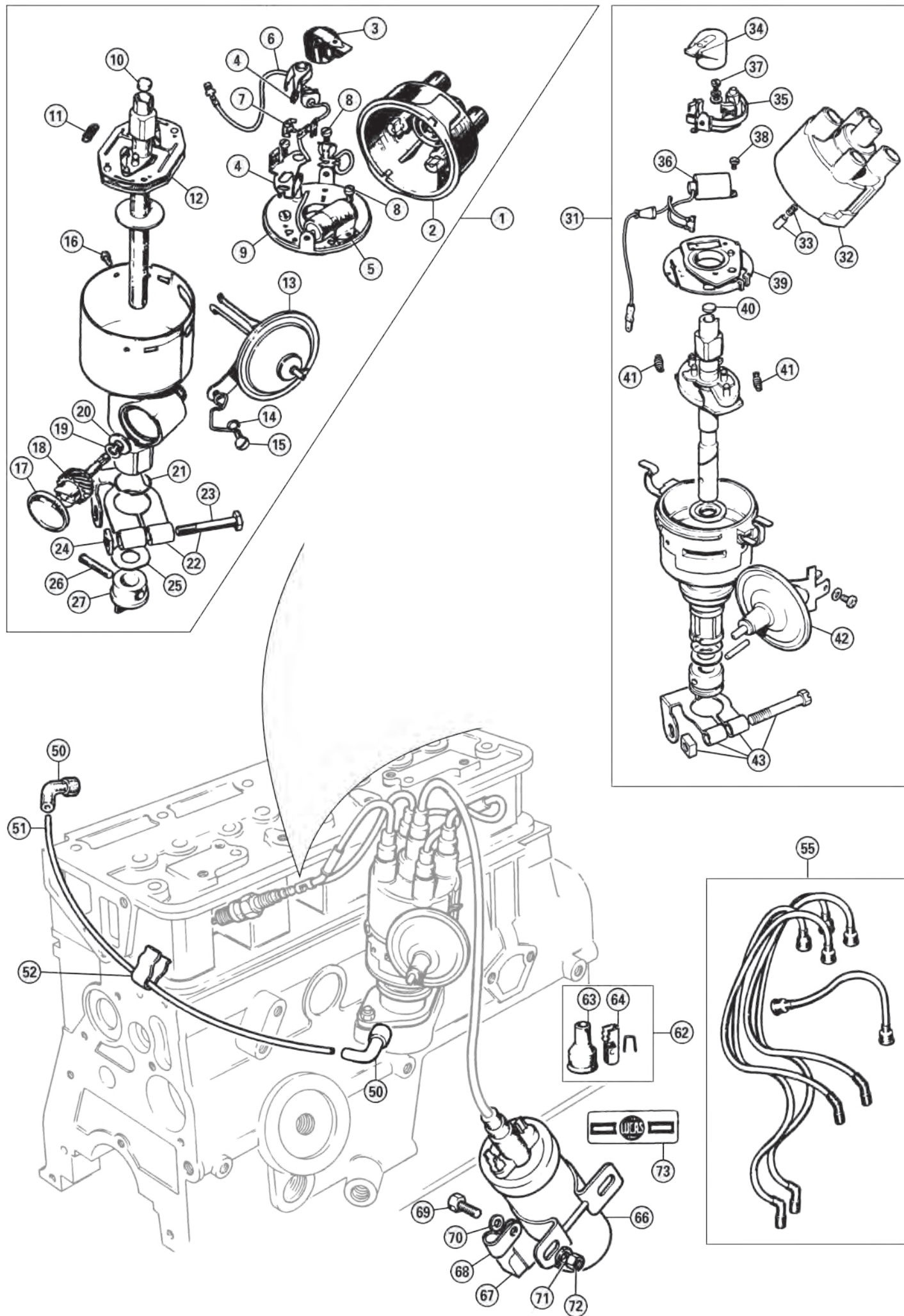


ill.	Part Number	Description	Req.	Details
Battery & Fittings				
ill.	Part Number	NCA Description	Req.	Details
1	GBY015	BATTERY, 12 volt, 36 A/hr, wet	1	
	GBY165	BATTERY, 12 volt, 45 A/hr, dry	1	
	GBY291	BATTERY, 12 volt, 63 A/hr, wet	1	
	GBY291D	BATTERY, 12 volt, 63 A/hr, dry	1	
2	511484	CABLE, battery to earth	1	MkI-II
3	511485	CABLE, engine to earth	1	MkI-III
4	515999	CABLE, battery to body to engine earth	1	MkIII to 1500 RHD to to (c) FH130000
	TKC5477	CABLE, battery to body to engine earth	1	1500 RHD from (c) FH130001
	515997	CABLE, battery to body to engine earth	1	MkIII to 1500 LHD except USA
	UKC1361	CABLE, battery to body to engine earth	1	1500 USA, alternative for other LHD markets
Note: For Spitfire MkIII onwards models part number 515997 can be used as a replacement for all negative earth cars. The early MkI-II models were positive earth therefore will need to have been converted to negative earth to fit the later cable.				
	515997	CABLE, battery earth, negative	1	replacement
5	2K8645	SCREW, terminal securing	2	
Various cables were used on the Spitfire over the years (lefthand drive, righthand drive, USA markets etc.), but all the different types were superseded by the Rover Group to one set of numbers. The alternative to the screw terminal type, fitted to most Spitfires, are clamp cables (which were standard on USA cars). Rover seemed, as a rule, to supply cables with clamp connections but using the screw connection cable numbers. In other words, be prepared- you could receive either type when you order a battery cable, but it's more likely to be one with a clamp on it.				
6	GHF2750	TERMINAL, negative, clamp type	1	
	GHF2755	TERMINAL, positive, clamp type	1	
7	518903	BOLT, clamp terminal	2	
8	GHF208	NUT, clamp terminal	2	
9	SH604041	SCREW, earth cable	2	
10	GHF321	WASHER, shakeproof	2	
11	511483	CABLE, battery to solenoid	1	MkI-II, RHD
	511482	CABLE, battery to solenoid	1	MkI-II, LHD
	515873	CABLE, battery to solenoid	1	MkIII to 1500 to (c) FH130000, not USA 1500
	UKC1360	CABLE, battery to solenoid	1	1500 from (c) FH130001 & USA
12	8G548	BOOT, rubber insulating	2	
13	511481	CABLE, solenoid to starter motor	1	all MkI-II, RHD MkIII-IV & 1500 to (c) FH130000
	516064	CABLE, solenoid to starter motor	1	MkIII to MkIV LHD
	UKC1363	CABLE, solenoid to starter motor	1	1500 from (c) FH130001
	131114	CABLE, solenoid to starter motor	1	all RHD & LHD
14	LUCWB600	TERMINAL, ring, brass	a/r	crimp type
15	GHF301	WASHER, plain, starter solenoid	3	
16	GHF382	WASHER, spring, starter solenoid	4	fits 13H5952 solenoid
17	GHF213	NUT, starter solenoid	4	
18	142087K	CLAMP KIT, battery fixing (Kit includes: 142087 clamp, 2 x 601552 'J' bolts, 2 x WP127 washers & 2 x 132068 wing nuts).	1	
19	142087	CLAMP, battery securing, 10 1/4"	1	
	14G5508	CLAMP, battery securing, 12 1/4"	1	
20	601552	J BOLT, clamp to chassis, 4 1/8"	2	
	613051	J BOLT, clamp to chassis, 5 7/8"	2	
21	WP127	WASHER, plain	2	
22	GHF321	WASHER, shakeproof	2	
23	132068	WING NUT	2	
24	613155	PAD, battery shelf, rubber	1	
25	AM7302	BATTERY LINER, plastic	1	
26	CRST191	DECAL, Lucas	1	

ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------



ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
Wiring Looms & Connectors									
Main & Body Looms									
1	TP28C	MAIN & BODY LOOM, RHD	1	Mkl to (c) FC44656	10	ZKC533	EXTENSION LEAD, aerial	1	3 metres
	TP29C	MAIN & BODY LOOM, LHD	1		11	134301	LEAD, earth, RHD	1	steering rack to chassis
	TP58C	MAIN & BODY LOOM, RHD	1	MkII from (c) FC50001	12	GHF322	WASHER, shakeproof, earth cable	2	
	TP49	MAIN & BODY LOOM, LHD	1	to (c) FC88904	14	131114	CABLE, starter to solenoid	1	dual brake circuit cars
	TP42	MAIN & BODY LOOM, RHD	1	MkIII from (c) FD1 to (c)			(To dual brake warning switch).		To (c) FH130000
	TP36	MAIN & BODY LOOM, LHD	1	FD15306, from (c) FD20000	15	149967	WIRING HARNESS, extension	1	
				to (c) FD51967, from (c)	Cable Connectors & Ties				
				FD75000 to (c) FD92803	20	104618	CONNECTOR, single line female	a/r	
Main Looms					21	RTC603A	CONNECTOR, double line female	a/r	common
2	305915	MAIN LOOM, RHD	1	Mkl to (c) FC50000	22	BHA4460	CONNECTOR, triple line female	a/r	contacts
	305996	MAIN LOOM, LHD	1		23	13H2050	CONNECTOR, Lucar, 3/16" wide	a/r	
	307180	MAIN LOOM, RHD	1	MkII from (c) FC50001		RTC220A	CONNECTOR, Lucar, 1/4" wide	a/r	
	TP49	MAIN LOOM, LHD	1			47H5419	CONNECTOR, Lucar, 3/8" wide	a/r	
	308111	MAIN LOOM, RHD	1	MkIII	24	511269	SLEEVE, single, for 1/4" Lucar	a/r	
	308112	MAIN LOOM, LHD	1			515399	SLEEVE, single, for 3/8" connector	a/r	
	311674	MAIN LOOM, RHD	1	MkIV to (c) FH50000	25	17H5287	EYELET, 3/16" hole	a/r	
	311673	MAIN LOOM, LHD	1	(separate ballast resistor		2H4528	EYELET, 1/4" hole	a/r	
				Lucar ignition switch		13H625	EYELET, 5/16" hole	a/r	
				connections)	26	27H6713	BULLET CONNECTOR, male	a/r	'push-on' for earth clip
	313274	MAIN LOOM, RHD	1	MkIV from (c) FH50001	27	236366A	CLIP, earth lead	a/r	head side & flasher lamps
	313273	MAIN LOOM, LHD	1	to (c) FH62644 (ballast	28	13H1927	BULB HOLDER, push in	a/r	twin cable, separate earth
				resistor wire in loom	29	13H1924	BULB HOLDER, claw type	a/r	single cable
				Lucar ignition switch	30	37H5181	BULB HOLDER, claw type	a/r	twin cable
				connections; two feeds to	31	GLB987	BULB, 2.2W, screw in type	a/r	
				gearbox)	32	GLB989	BULB, 5W, bayonet type	a/r	
	RKC569	MAIN LOOM, RHD	1	MkIV from (c) FH62645	33	UKC4446	FUSE HOLDER, in-line	a/r	
	RKC570	MAIN LOOM, LHD	1	(ballast resistor wire	34	GFS3025	FUSE, 25A, glass, side & tail lamps	a/r	12.5 amp continuous
				in loom; plug type			(Pack of five).		
				ignition switch; single feed		GFS35X	FUSE, 35A, glass, each	a/r	17 amp continuous
				to gearbox)	35	UKC6166	CLIP, holding fuse holder to edge	a/r	
	RKC912	MAIN LOOM, RHD	1	1500 To (c) FH100020	36	620952	CLIP, harness to body	a/r	
	RKC925	MAIN LOOM, LHD	1	(TR6 style switch gear)	37	616312	CLIP, harness to body	a/r	alternatives
	RKC3193	MAIN LOOM, RHD	1	1500 from (c) FH100021	38	615811	CLIP, harness to body	a/r	
				to (c) FH130000	39	11K9181	CLIP, cable to body	a/r	
				(TR7 switch gear & single	40	144117	CLIP, harness to suspension bracket	1	
				circuit brakes)	41	508726	CLIP, temp. cable to alternator bracket	1	
	PKC1228	MAIN LOOM, LHD	1	1500 from (c) FH100021	42	615924	CLIP, alternator cables	1	
				(TR7 style switch gear)	43	125469	CLIP	1	
	PKC765	MAIN LOOM, RHD	1	1500 from (c) FH130001			(Head lamp cables to bonnet hinge tube).		
				to VIN 001198 (dual circuit	44	612703	CLIP, light cables to chassis	7	
				brakes; optional single	45	ARA951	CLIP, horn cables to radiator cradle	2	
				rear fog lamp)	46	ULC1178	CLIP, harness securing	a/r	screw on type
	PKC765	MAIN LOOM, RHD	1	1500 from VIN 001198 on	47	622150	CLIP, harness securing	a/r	weld on type, long
				except UK (dual circuit	48	603559	CLIP, harness securing	a/r	weld on type, short
				brakes, optional single	49	511541	SLEEVE, insulating	1	harness to radiator grille
				rear fog lamp)		511551	SLEEVE, insulating	6	harness to chassis
						503213	SLEEVE, insulating	38	harness to body
	PKC1372	MAIN LOOM, RHD	1	1500 from VIN 001198 on	50	GHF1265	CABLE TIE, ratchet type, 3 1/2"	a/r	
				UK only (standard fitment		GHF1266	CABLE TIE, ratchet type, 5 1/4"	a/r	
				twin rear fog lamps)		GHF1267	CABLE TIE, ratchet type, 8 3/4"	a/r	
						GHF1268	CABLE TIE, ratchet type, 12 1/4"	a/r	
					51	GHF1266	CABLE TIE, original type	a/r	
					52	13H6107	CABLE TIE, fir tree type	a/r	
					53	515002	P CLIP	1	harness to engine bay
									side valance
					54	CP110125	P CLIP	a/r	harness to body, and
									harness to gearbox
Body Looms									
3	134732	BODY LOOM, RHD & LHD	1	Mkl to MkII					
	153963	BODY LOOM, RHD & LHD	1	MkIII					
	156087	BODY LOOM, RHD & LHD	1	MkIV to (c) FH50000					
	UKC856	BODY LOOM, RHD & LHD	1	MkIV from (c) FH50000					
	TKC1782	BODY LOOM, RHD	1	1500 to (c) FH116000					
	TKC4128	BODY LOOM, RHD	1	1500 from (c) FH116000					
				to VIN 001197					
	TKC4128	BODY LOOM, RHD	1	1500 from VIN 001198					
				except UK					
	TKC5886	BODY LOOM, RHD	1	1500 from VIN 001198					
				UK only					
	TKC1804	BODY LOOM, LHD	1	1500 to (c) FH100020					
	TKC3392	BODY LOOM, LHD	1	1500 from (c) FH100021					
				to (c) FH116000					
	TKC4127	BODY LOOM, LHD	1	1500 from (c) FH116000					
Auxiliary Looms									
5	153984	WIRING HARNESS, extension	1	Sweden only					
		(Windscreen washer pump).		to (c) FH100020					
6	UKC1157	WIRING HARNESS, ext., reverse lights	1	Italy only, reverse lamp					
7	159643	WIRING HARNESS, ext., reverse lights	1	feed through side lights					
8	153726	WIRING HARNESS, ext., o/drive switch	1	overdrive models only					
9		GEARBOX HARNESS							



ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------

Ignition System

AC Delco Distributor - Mki-IV

Spitfire Mki to MkIV models were all fitted originally with AC Delco distributors. The distributor had a mechanical tachometer drive take-off mounted at right angles to the main drive shaft. These distributors are also identifiable by the pressed steel main case construction and the 'squat' distributor cap. The AC Delco units are becoming increasingly difficult to obtain and repair, however we offer some spares and a rebuild service to a customers own unit.

ill.	Part Number	NCA	Description	Req.	Details
1	209697		DISTRIBUTOR, AC Delco	1	Mki
	212500		DISTRIBUTOR, AC Delco	1	MkII
	214088		DISTRIBUTOR, AC Delco	1	MkIII except US
					from (c) FD7796
	214799		DISTRIBUTOR, AC Delco	1	MkIII US from (c) FD7796
	TKC419		DISTRIBUTOR, AC Delco	1	MkIV
	TKC419R		DISTRIBUTOR, AC Delco, reconditioned	1	customers own rebuilt
2	GDC123		DISTRIBUTOR CAP	1	
3	GRA110		ROTOR ARM	1	
4	GCS105		POINTS SET, contact breakers	1	
5	GSC104		CONDENSER	1	
	GSC104HQ		CONDENSER, high quality	1	
6	511845		LOW TENSION LEAD	1	Mki-II
	515711		LOW TENSION LEAD	1	MkIII
	520341		LOW TENSION LEAD	1	MkIV
7	511842		SCREW, for contact set	1	
8	511844		SCREW, condenser & base plate	2	
9	511847		BASE PLATE, horseshoe fitting	1	to (e) FH25000E
	520512		BASE PLATE, pin fitting	1	from (e) FH25001E
10	511851		PAD, lubrication, felt	1	
11	511850		SPRING SET, advance weight	1	Mki-II
	516239		SPRING SET, advance weight	1	MkIII
	520343		SPRING SET, auto advance	1	MkIV

Note: There are no springs listed for MkII, only the complete assembly of mainshaft and cam, which is now NLA.

12	515733		MAINSHAFT & CAM ASSEMBLY	1	Mki
	514589		MAINSHAFT & CAM ASSEMBLY	1	MkII
	516238		MAINSHAFT & CAM ASSEMBLY	1	MkIII
	520513		MAINSHAFT & CAM ASSEMBLY	1	MkIV except USA
	520342		MAINSHAFT & CAM ASSEMBLY	1	MkIV USA only
13	511855		VACUUM UNIT	1	Mki
	514590		VACUUM UNIT	1	MkII
	516240		VACUUM UNIT, horseshoe fitting	1	MkIII-IV to (e) FH25000E
	520511		VACUUM UNIT, pin fitting	1	MkIV from (e) FH25001E
14	513400		CLIP, cap	2	
15	513999		SCREW, clip	2	
16	511844		SCREW, base plate locating	1	
17	511861		END PLUG	1	
18	511859		GEAR, driving distributor	1	
19	520345		WASHER, locking, (if fitted)	1	
20	511860		THRUST WASHER	1	
21	511863		O RING	1	
22	134891		CLAMP KIT, distributor	1	
23	SH504141		SCREW	1	
24	GHF208		NUT	1	
25	511864		THRUST WASHER	1	
26	517923		DRIVE PIN	1	
27	511548		GEAR, driving distributor	1	Mki-II
	511866		GEAR, driving distributor	1	MkIII-IV

Lucas Distributor (Spitfire 1500)

1500 Model Spitfires used Lucas Distributors in the UK and European delivered markets. The Lucas distributor is aluminium bodied and has no mechanical tachometer drive cable connection.

31	RKC5044		DISTRIBUTOR, (41449), new	1	45D4 type
32	GDC136		DISTRIBUTOR CAP	1	
33	RTC315A		BRUSH & SPRING	1	
34	GRA2114		ROTOR ARM	1	
	GRA2114HQ		ROTOR ARM, high quality	1	
	151-865		ROTOR ARM, Premium Red Rotors	1	
35	GCS118		POINTS SET, contact breakers	1	
36	GSC2118		CONDENSER & LOW TENSION LEAD	1	
37	GCS1001S		SCREW, for contact set	1	
38	GSC1001S		SCREW, for condenser	1	
39	RTC1190		BASE PLATE	1	
40	511851		PAD, lubrication, felt	1	
41	TT1903		SPRING SET, automatic advance	1	5 pieces
42	RTC1775		VACUUM UNIT, auto advance	1	
43	RTC1773		PLATE, clamping distributor to block	1	

ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------

Vacuum Pipe & Fittings

50	12B2062	CONNECTOR, right angle	a/r	vacuum pipe
	12B2095	CONNECTOR, straight	a/r	
51	37H4229M	VACUUM PIPE	1	metre length, cut to fit
52	138892	CLIP, tube to fuel pipe	3	

HT Leads & Spark Plugs

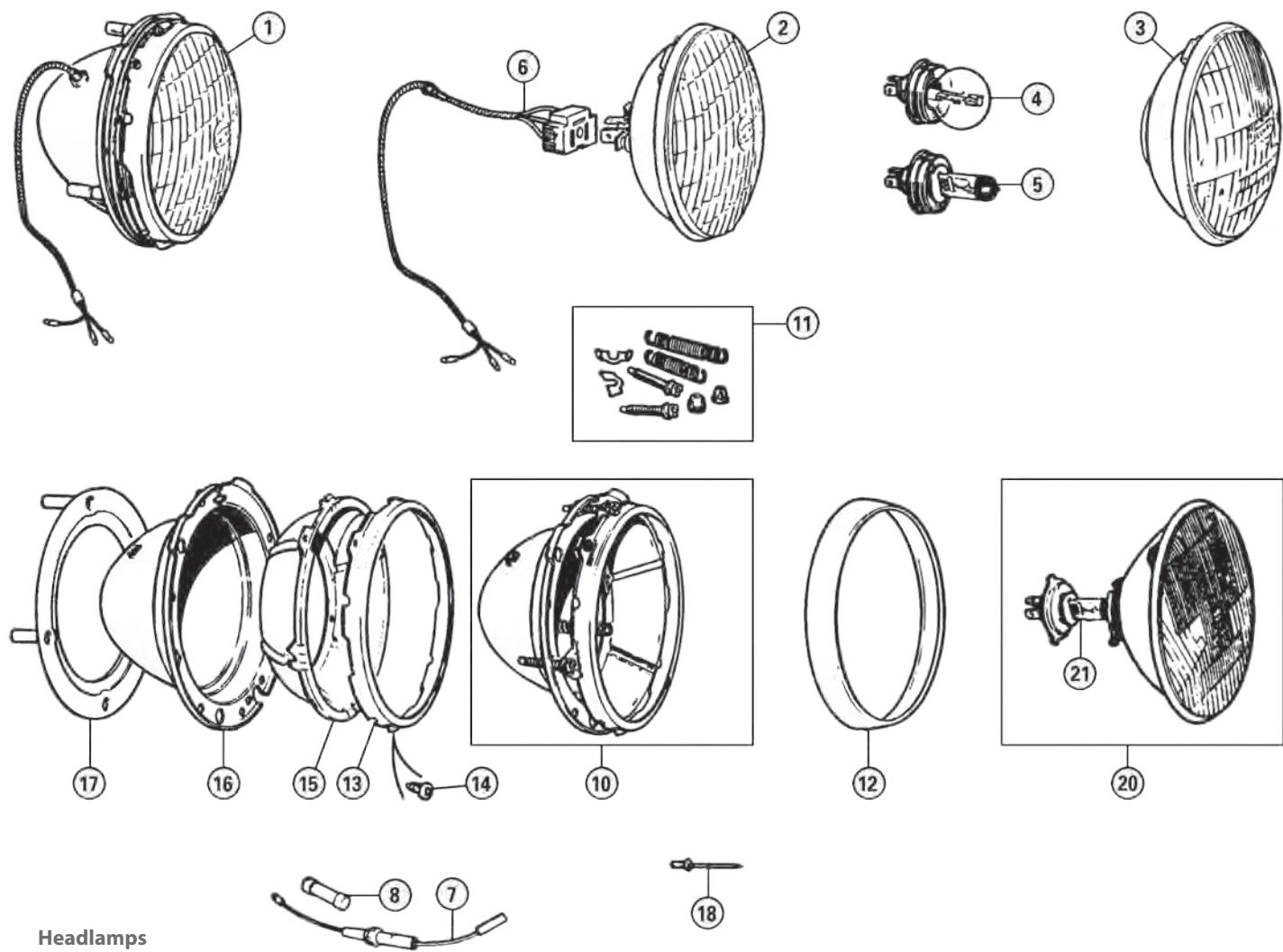
55	GHT152	HT LEAD SET, standard	1	
	172-040	HT LEAD SET, silicone, black	1	alternative to original
56	CRST255	LABEL SET, HT lead numbering	1	
57	13H6107	CABLE TIE, fir tree type	1	

...and for those who wish to make their own copper HT lead sets:

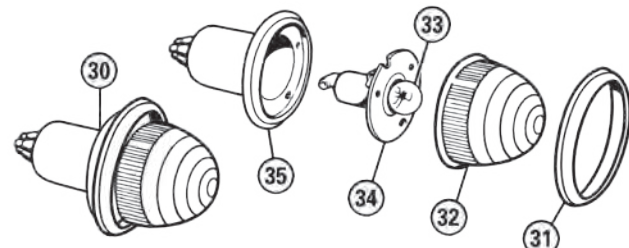
58	AAA5981M	HT LEAD, black	a/r	sold per metre
	TT2982M	HT LEAD, yellow/black, competition	a/r	

Note: Ignition lead is sold by the metre. You will need two metres to renew your Spitfire engine HT leads.

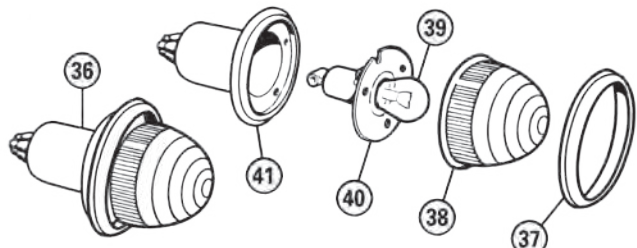
59	NLB5	SPARK PLUG CAP, 90° angled, red	a/r	
	NLB5BLK	SPARK PLUG CAP, 90° angled, black	a/r	
60	NYB5	SPARK PLUG CAP, 60° angled, red	a/r	NGK
	NYB5BLK	SPARK PLUG CAP, 60° angled, black	a/r	
61	NSB5	SPARK PLUG CAP, straight, red	a/r	
	NSB5BLK	SPARK PLUG CAP, straight, black	a/r	
		(Recommendation for standard use is 2 x straight caps (plugs 2 & 3), 2 x 60° caps (plugs 1 & 4).		
62	GCL1110	END KIT, ignition lead, push-in coil	a/r	6 req. if using item 58
63	12G1040	COVER, HT lead coil end, straight	a/r	
64	12G1476	TERMINAL, HT lead coil end, straight	a/r	
65	L87YCC	SPARK PLUG, Champion	4	Mki-II
	BP6HS	SPARK PLUG, NGK	4	alternatives
	N9YCC	SPARK PLUG, Champion	4	copper cored, alternative
	BP6ES	SPARK PLUG, NGK	4	MkIII-IV, 1300 engine
	N12YCC	SPARK PLUG, Champion	4	copper cored, alternative
	BP5ES	SPARK PLUG, NGK	4	1500 engine
66	GCL101	IGNITION COIL, 12 volt, non-ballasted	1	screw-in type
	GCL110	IGNITION COIL, 12 volt, non-ballasted	1	push-in type
	GCL132	IGNITION COIL, 12 volt, ballasted	1	
67	134176A	RESISTOR, coil ballast	1	to FH50000
		(From 1973 the ballast resistor was replaced with a length of resistance wire incorporated in the wiring harness).		
68	PCR811	CLIP, retaining wiring	1	
69	SH604101	SCREW, self aligning	2	
70	GHF300	WASHER, plain	4	
71	GHF331	WASHER, spring	2	
72	GHF200	NUT	2	
73	CRST156	DECAL, coil, Lucas	1	



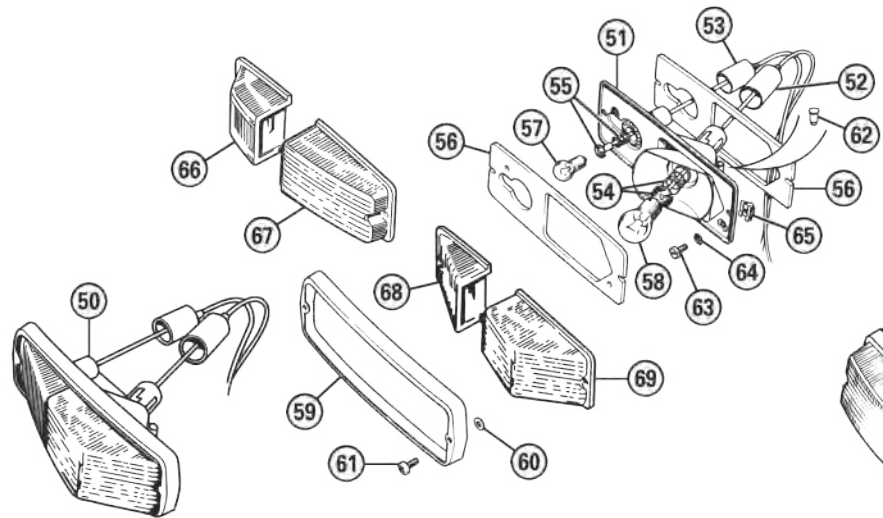
Headlamps



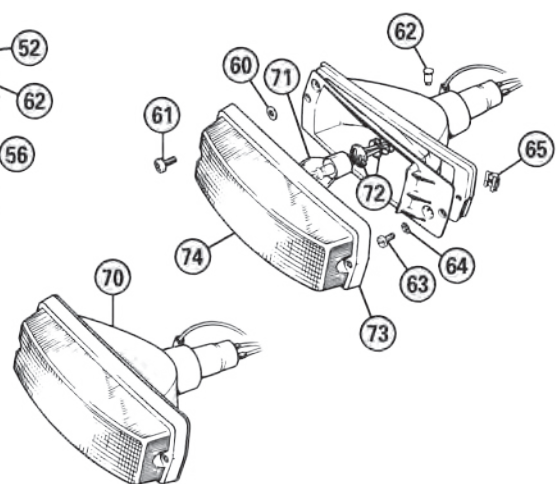
Front Side Lamp - MkI-II



Front Indicator Lamp - MkI-II



Front Side & Indicator Lamp - MkIII-IV & 1500



ill.	Part Number	Description	Req.	Details
Front Lamps				
Headlamps				
1	27H8499	HEADLAMP ASSEMBLY, sealed beam	2	RHD, no pilot
	GAC46325	HEADLAMP ASSEMBLY, halogen. RHD	2	alternative
	AEU1061A	(Supplied with Wipac lamp unit). HEADLAMP ASSEMBLY, P45T asymmetric	2	LHD, no pilot
		(Supplied with Wipac lamp unit).		
2	GLU101	LIGHT UNIT, sealed beam, 60/45W	2	RHD,
	XBC103360	LIGHT UNIT, sealed beam, 75/50W	2	with pilot
	BMK2508H	LIGHT UNIT, sealed beam, 60/35W	2	LHD, no pilot
3	27H4146A	LIGHT UNIT, P45T asymmetric	2	LHD, no pilot
4	GLB410	BULB, P45T, clear, tungsten	2	45/40W
	GLB411	BULB, P45T, yellow, tungsten	2	45/40W
5	GLB2983	BULB, P45T, clear, halogen	2	60/55W
6	BAU2110	WIRING HARNESS, headlamp loom	2	sealed beam, no pilot
7	UKC4446	FUSE HOLDER, in-line	2	
8	GFS3015	FUSE, 15A, (dip)	a/r	MkIV - Italy
		(In-line fuse holder, pack of five).		1500 - D, B, DK,
	GFS3020	FUSE, 20A, (main)	a/r	NL, I, CH, A
		(In-line fuse holder, pack of five).		
10	27H8263X	BUCKET ASSEMBLY, with bowl & rim	2	
11	BHM7058	ADJUSTER KIT, headlamp alignment	2	
		(Includes 2 screws, ferrules, springs & clips).		
12	119072	HEADLAMP RIM, spring clip fitting	2	MkI-III, chrome
	119072Z	HEADLAMP RIM, spring clip fitting, aftermkt.	2	
13	515218A	RETAINING RIM, chrome	2	
14	AB606021	SCREW, retaining rim	6	
15	SML4	BOWL, inner, metal	2	
	27H6481	BOWL, inner, plastic	2	
	27H6481K	BOWL & RIM KIT	2	inner & retaining rims
16	SML3	BUCKET, headlamp, original	2	with adjusters
	SML3P	BUCKET, headlamp, plastic	2	
	SML3Z	BUCKET, headlamp, aftermarket	2	less adjusters
17	13H565	SEAL, bucket to body	2	alternatives
	512222	SEAL, bucket to body	2	fit in pairs
18	569313	RIVET, bucket to body	8	

Halogen Headlamps

For those of you who find the standard headlamps on your Spitfire inadequate for today's high speed night driving, convert your car to modern halogen headlamps. Fitting halogen headlamps is one of the most worthwhile safety improvements you can make. The headlamp units are direct replacements for existing sealed beam or tungsten bulb units. Conversion kits include a pair of headlamps with bulbs.

20	GAC4023	HEADLAMP CONVERSION, H4	1	RHD, with pilot
	GAC4022	HEADLAMP CONVERSION, Wipac H4	1	RHD, no pilot
	LULUB802	HEADLAMP CONVERSION, H4	1	LHD, with pilot
	MGE203	HEADLAMP CONVERSION, Wipac H4	1	LHD, no pilot
21	GLB472	BULB, H4, Halogen, 12V, 60/55W	2	standard
	GLB476	BULB, H4, Halogen, 12V, 60/55W	2	cadmium yellow
	GLB472BLU	BULB, H4, Xenon, 12V, 60/55W*	2	blue tint
	GLB472X	BULB, H4, Xenon, 12V, 60/55W*	2	super white
		(*Approx. 30% brighter than halogen).		
	GLB484	BULB, H4, Halogen, 12V, 100/80W	2	uprated, check regulations

Front Side & Indicator Lamps - MkI & MkII

30	532806	LAMP ASSEMBLY, side lamp, white	2	
31	7H5182	RIM, chrome	2	
32	37H6928	LENS, glass, white	2	side lamp
33	GLB207	BULB, 12V, 5W	2	
34	37H5528	BULB HOLDER	2	
35	508162	BODY, rubber	2	
36	2A9013	LAMP ASSEMBLY, indicator, amber	2	
	532806	LAMP ASSEMBLY, indicator, white	2	
37	7H5182	RIM, chrome	2	
38	37H5520	LENS, glass, amber	2	indicator
	37H6928	LENS, glass, white	2	
39	GLB382	BULB, 12V, 21W	2	
40	37H5528	BULB HOLDER	2	
41	508162	BODY, rubber	2	

ill.	Part Number	Description	Req.	Details
Front Side & Indicator Lamps - MkIII, MkIV & 1500				
There were two different lens profiles used between the MkIII, MkIV and 1500 models. The '878' model lamps had gently curved lens faces while the later '677' models had angled faces. The '878' lens type model was supplied to (c) FH78684 & Germany to (c) FH75380 (not Italy). The '677' type model was supplied from (c) FH78685 onwards, Germany from (c) FH75381 & Italy from mid 1977 onwards. Due to rationalisation the trend is to only supply the angled '677' type lamp for all applications. Be aware that owners of earlier cars who order one lens or one lamp could end up with a functional but not matching lamp to their original. Therefore please check which lens you have before ordering.				
50	BHA4966Z	LAMP ASSEMBLY, side & indicator	2	'677' model
		(Clear & amber lens).		
	BHA4239	LAMP ASSEMBLY, side & indicator	2	'677' model, Italy only,
		(Clear lens).		not original style
	37H4719Z	LAMP ASSEMBLY, side & indicator	2	'677' model
		(Amber lens).		USA spec alternative
51	BHA4966A	BACK PLATE	2	
52	17H5216	BOOT, bulb holder, rubber	2	
53	37H5294	BOOT, bulb holder, rubber	2	
54	37H5452	TERMINAL KIT, bulb socket	2	single contact
55	244700A	TERMINAL KIT, bulb socket	2	single contact
56	57H5572	GASKET, lamp & lens seating	4	foam
57	GLB989	BULB, side lamp, 12V, 5W	2	
58	GLB382	BULB, indicator, 12V, 21W	2	
59	516304	RIM, side/indicator lamp, chrome	2	
60	21G9057	WASHER, rubber	4	rim to lens retaining screw
61	57H5569	SCREW, rim & lens retaining	4	
62	27H6713	BULLET CONNECTOR, male	2	lamp earth
63	PT504	SCREW, lamp	4	not supplied with
64	WE702101	WASHER, shakeproof	4	side lamp
65	FZ34044	NUT, retaining	4	

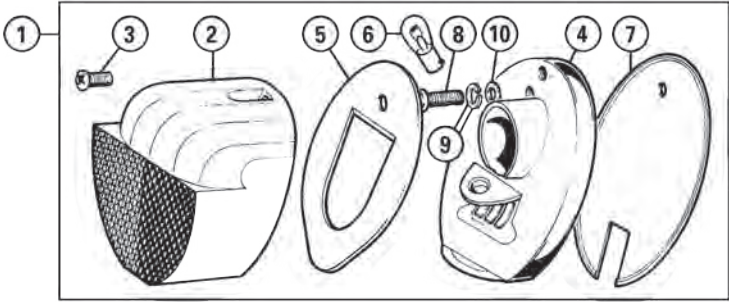
The two different profile lens designs are identified by their Lucas model number which is embossed in the plastic of genuine Lucas lenses. They are; '878' up to 1976 approx.; and '677' for 1500 from 1976 on approx. If in doubt read the model number off the lens on your car to obtain the correct lens replacement.

66	520083	LENS, side lamp, clear, small	2	'878' model
67	520082	LENS, indicator, amber, large	2	
68	516308	LENS, side lamp, clear, small	2	
	516308Z	LENS, side lamp, clear, small, aftermarket	2	
	518145	LENS, side lamp, amber, small	2	'677' model
69	516306	LENS, indicator, amber, large	2	
	516306Z	LENS, indicator, amber, large, aftermarket	2	
	516307	LENS, indicator, clear, large	2	

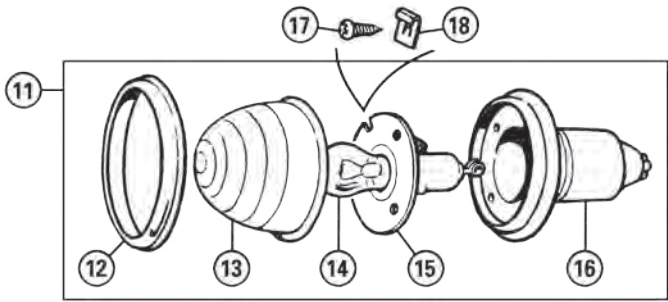
Lucas Model '879'

Indicator & side lamp model '879' is identified by its single colour one piece lens and single twin filament bulb. Single colour two piece lenses can be fitted as pairs to this lamp base. If the '879' type cannot be supplied, the clear or amber '677' types above (listed on this page) can be used as an alternative.

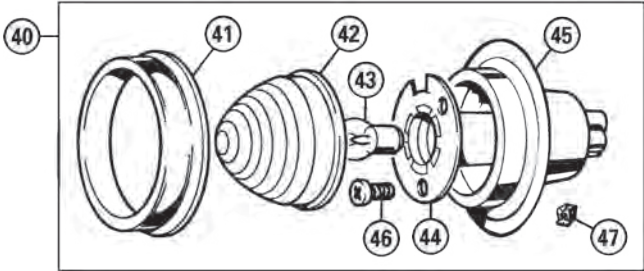
70	159154	LAMP ASSEMBLY, side & indicator, clear	2	Italy to mid 1977
	155418	LAMP ASSEMBLY, side & indicator, amber	2	USA spec alternative
71	GLB380	BULB, twin filament, 12V, 21/5W	2	
72	37H5459	TERMINAL KIT, bulb socket	2	twin contact
73	516304	RIM, side lamp/indicator, chrome	2	
74	BHA4239	LENS, one piece, clear	2	
	37H4719Z	LENS, one piece, amber	2	



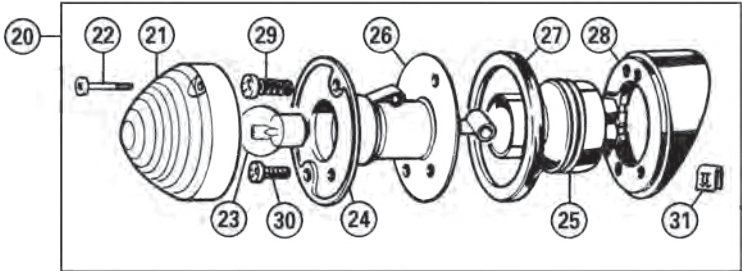
Stop & Tail Lamp - MkI-III



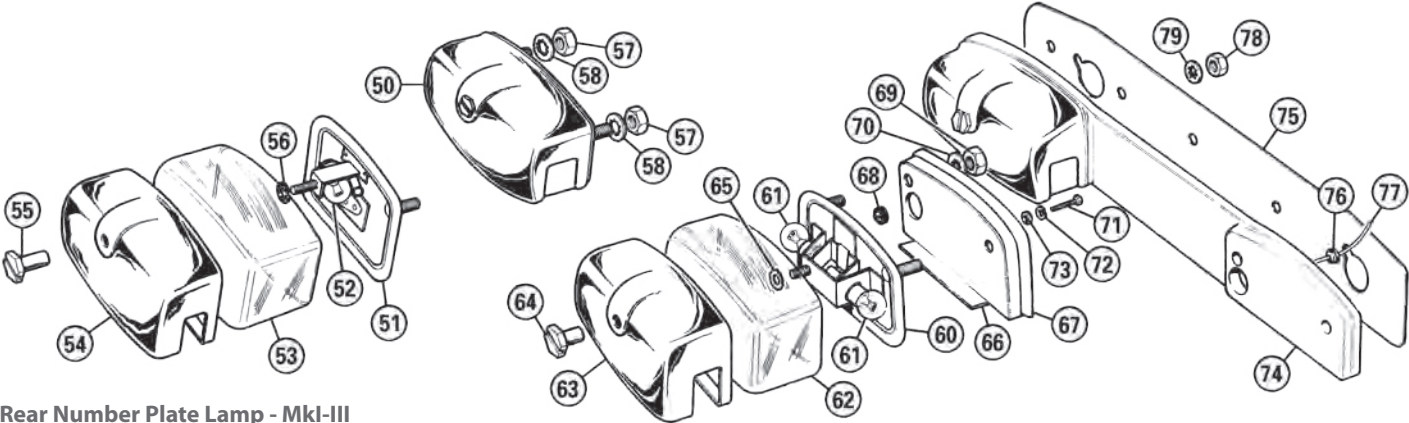
Rear Indicator Lamp - MkI-II



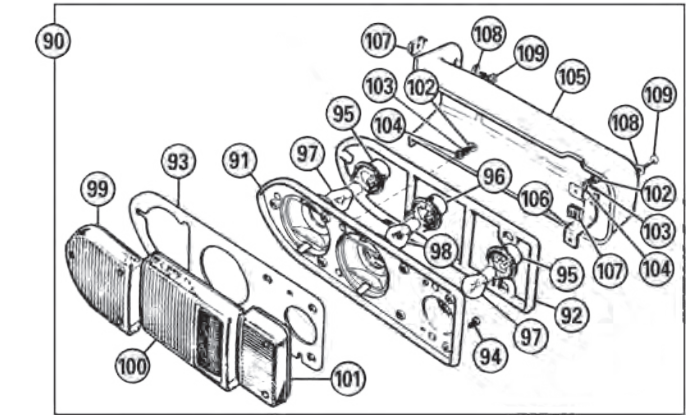
Reverse Lamp - MkIII



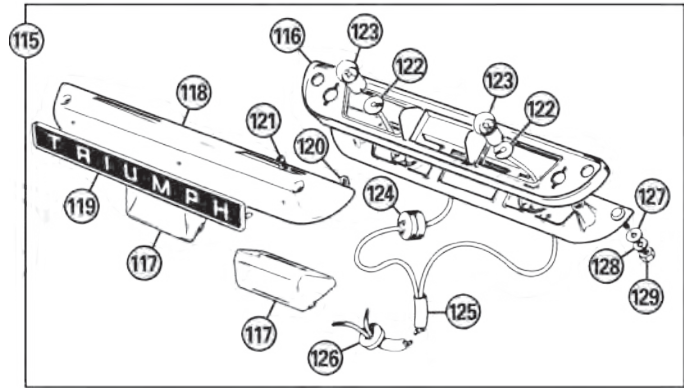
Rear Indicator Lamp - MkIII



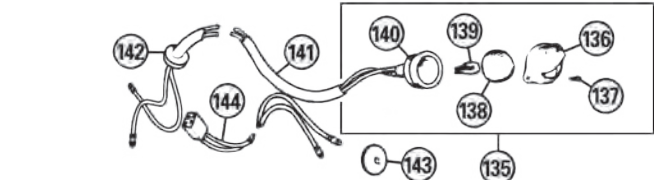
Rear Number Plate Lamp - MkI-III



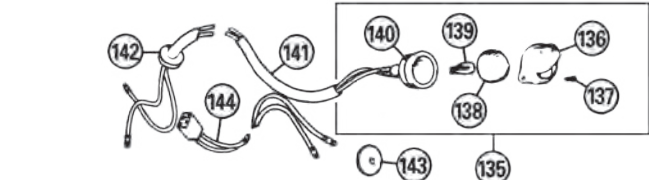
Stop, Tail & Indicator Lamp - MkIV-1500



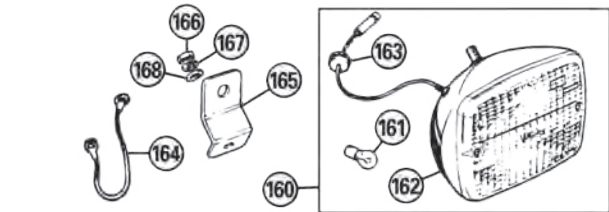
Rear Number Plate Lamps - MkIV-1500 (All markets to (c) FH115999 - except Italy)



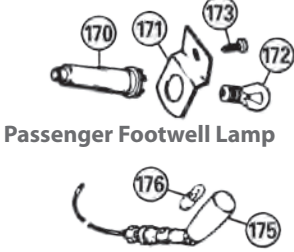
Rear Number Plate Lamps - MkIV-1500 (Italy only to (c) FH115999)



Rear Number Plate Lamps - MkIV-1500 (All markets from (c) FH116000)

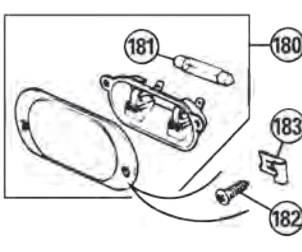


Rear Fog Lamp Assembly (1500 models, from approx. 1979)



Passenger Footwell Lamp

Map Reading Lamp Assembly



Boot Lamp Assembly

ill.	Part Number	Description	Req.	Details
Rear Lamps				
Stop & Tail Lamp - Mkl-III				
1	217025	LAMP ASSEMBLY, stop/tail	2	
2	511800	LENS, stop/tail, red	2	
3	PMP308	SCREW, fixing lens	4	
4		BASE PLATE	2	not available
5	511802	GASKET, lens to lamp	2	
6	GLB380	BULB, 21/5W, twin filament	2	
7	AJA5073	GASKET, lamp to body	2	
8	PT505	SCREW, 3/16"	4	lamp
9	WL700101	WASHER, spring	4	to body
10	WP5	WASHER, plain	4	

Rear Indicator Lamp - Mkl-II

11	2A9040	LAMP ASSEMBLY, indicator, red	2	
	2A9013	LAMP ASSEMBLY, indicator, amber	2	
12	7H5182	RIM	2	
13	37H5531	LENS, glass, red	2	
	37H5520	LENS, glass, amber	2	
14	GLB382	BULB, 12V, 21W	2	
15	37H5528	BULB HOLDER	2	
16	508162	BOOT, rubber	2	
17	GHF423	SCREW, 1/2"	6	lamps to body
18	AK606021	SPIRE NUT	6	

Rear Indicator Lamp - MkIII

20	AFU3389	LAMP ASSEMBLY, indicator, amber	2	
	147550	LAMP ASSEMBLY, indicator, red lens	2	
21	CDU3374	LENS, amber	2	
	CDU3374R	LENS, red	2	
22	516303	SCREW, lens fixing	4	
23	GLB382	BULB, 12V, 21W	2	
24		BASE PLATE	2	not available
25	17H5216	BOOT, rubber	2	
26	147552	GASKET, lamp seating	2	
27	147553	BEZEL, flasher lamp bezel	2	
28	147592	PLINTH	2	
29	AB606081	SCREW, self tapping	2	lamp and
30	AB606121	SCREW, self tapping	2	plinth to
31	AK606021	SPIRE NUT	6	body

Reverse Lamp - MkIII

40	131608	LAMP ASSEMBLY, reverse	2	
41	7H5182	RIM	2	
42	37H6928	LENS, clear	2	
43	GLB382	BULB, 12V, 21W	2	
44	37H5528	BULB HOLDER	2	
45	508162	BOOT, rubber	2	
46	YZ3344	SCREW	6	reverse lamp
47	FJ2442/9	SPIRE NUT	6	to body

Rear Number Plate Lamp - Mkl-III

50	127916	LAMP, number plate	1	
51		BASE PLATE	1	
52	GLB989	BULB, 12V, 5W	1	all countries
53	601721A	LENS, glass	1	except USA,
54	502264	COVER, chrome	1	Canada,
55	509736	NUT, dome	1	Denmark, &
56	WE702101	WASHER, shakeproof	2	Germany
57	HN2005	NUT, hex	2	rear lamp
58	WF702101	WASHER, shakeproof	2	attachment

Note: The original rear number plate lamp for all Mkl-III models excluding USA, Canada and Denmark used a single bulb lamp (part no. 128397). However the only lamp now available is part no. 127916 originally fitted to USA, Canada and Denmark models which uses 2 12V bulbs. This can be used as a replacement for all models. German market cars were fitted with two number plate lamps (part no. 128397) mounted to a plinth.

60	NCA	BASE PLATE	1	
61	GLB989	BULB, 12V, 5W	2	
62	601721A	LENS, glass	1	
63	502264	COVER, chrome	1	
64	509736	NUT, dome	1	
65	WE702101	WASHER, shakeproof	2	
66	613093	PLINTH, number plate lamp	1	
67	613110	SEAL	1	

ill.	Part Number	Description	Req.	Details
68	061917	GROMMET, rubber	1	USA, Canada
69	HN2005	NUT, hex	2	and Denmark
70	WF702101	WASHER, shakeproof	2	only
71	53K126	SCREW	2	
72	WF702101	WASHER, shakeproof	2	
73	WP5	WASHER, plain	2	
74	709845	PLINTH, number plate lamp	1	
75	618789	RUBBER, plinth mounting	1	
76	061917	GROMMET, rubber	2	Germany only
77	144656	CABLE, RH no.plate lamp to tail lamp	1	
78	HN2005	NUT, hex	6	
79	WE702101	WASHER, shakeproof	6	

Stop, Tail & Indicator Lamp - MkIV-1500

90	TKC940	LAMP ASSEMBLY, stop/tail, LH/RH	2	
91	TKC940NF	BASE PLATE, chrome	2	
92	RTC1175	SEAL, lamp to body, moulded	2	
93	520091	SEAL, lenses to lamp base, foam	2	
94	518147	SCREW, lens	14	
95	518042	BULB HOLDER, single contact	4	indicator/reverse
96	518041	BULB HOLDER, twin contact	2	brake/tail
97	GLB382	BULB, single filament, 21W	4	not Germany
98	GLB380	BULB, twin filament, 21/5W	2	
99	RTC1176	LENS, indicator, amber	2	
100	RTC1177	LENS, stop/tail, red	2	
101	RTC1174	LENS, reverse, clear	2	not France
	520093	LENS, reverse, amber	2	France only
102	HN2005	NUT, lamp securing	10	
103	WL700101	WASHER, spring	10	
104	PWZ203	WASHER, plain	10	
105	818761	COVER, rear lamp, LH	1	
	818771	COVER, rear lamp, RH	1	
106	624672	BRACKET, rear lamp cover	2	
107	GHF713	SPIRE NUT, cover	4	
108	PWZ203	WASHER, plain	4	
109	GHF425	SCREW, self tapping	4	

Rear Number Plate Lamps - MkIV-1500**All markets to (c) FH115999 - except Italy**

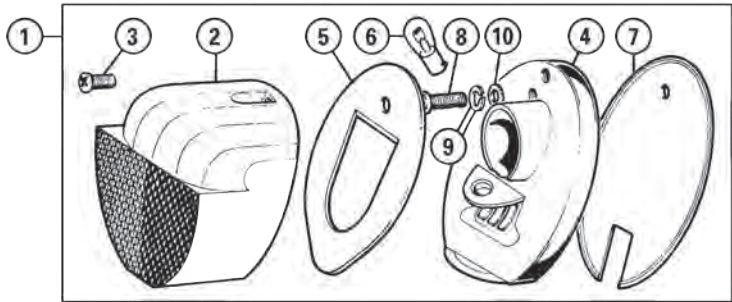
115	718028	LAMP, number plate, with badge	1	
116	215823	GASKET, number plate mounting	1	
117	518031	LENS, plastic, clear, LH	1	
	518032	LENS, plastic, clear, RH	1	
118	519582	COVER, chrome	1	
119	626859	BADGE, Triumph	1	
120	FR1202	NUT, fix	3	
121	RMP316	SCREW, cover	2	
	RMP316SS	SCREW, cover, stainless steel	2	alternative
122	37H5452	TERMINAL KIT, bulb socket	2	single contact
123	GLB207	BULB, 12V, 5W	2	
124	519583	BOOT, rubber	2	
125	503213	SLEEVE, insulating, on loom tag	1	
126	061917	GROMMET, rubber	1	
127	WM55	WASHER, plain	2	
128	WL700101	WASHER, spring	2	
129	HN2005	NUT	2	

Italy only to (c) FH115999

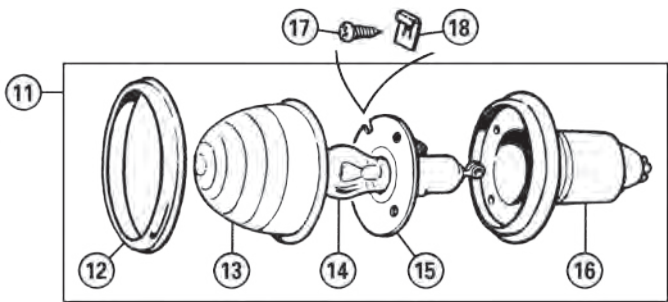
135	142002	LAMP, number plate, chrome	2	
	142002Z	LAMP, number plate, aftermarket	2	
136	131465A	RIM, chrome	2	
137	AB606053	SCREW	2	
138	510875A	LENS, glass, clear	2	
139	GLB501	BULB, 12V, 5W	2	
140	515154	BASE	2	
141	503213	SLEEVE, insulating, on loom tag	2	
142	061917	GROMMET, rubber	2	
143	631018	GROMMET	2	
144	157555	ADAPTOR	2	

All markets from (c) FH116000

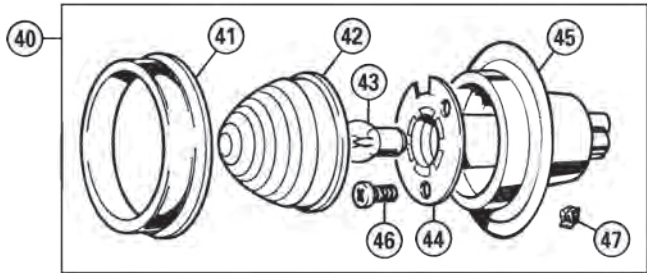
150	UKC7274	LAMP, number plate	2	
151	510875A	LENS, glass, clear	2	
152	GLB233	BULB, 12V, 4W	2	
153	602037	GROMMET, rubber	2	



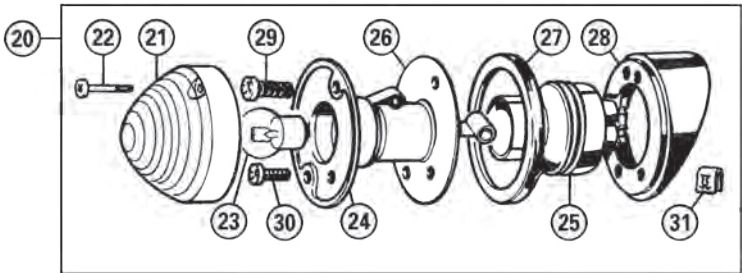
Stop & Tail Lamp - MkI-III



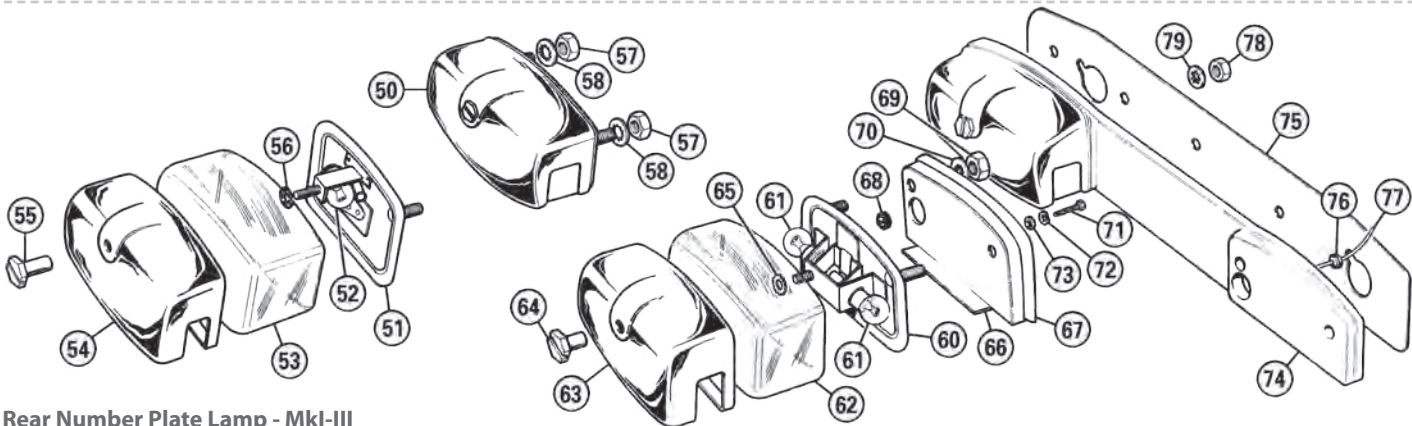
Rear Indicator Lamp - MkI-II



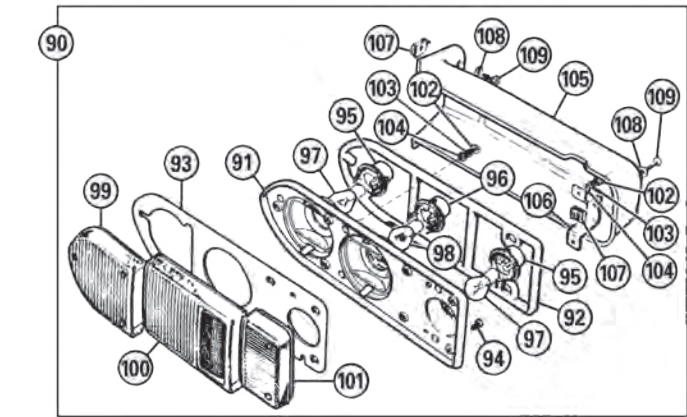
Reverse Lamp - MkIII



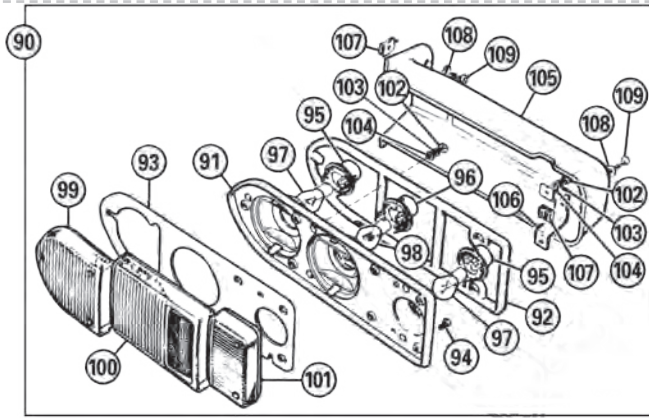
Rear Indicator Lamp - MkIII



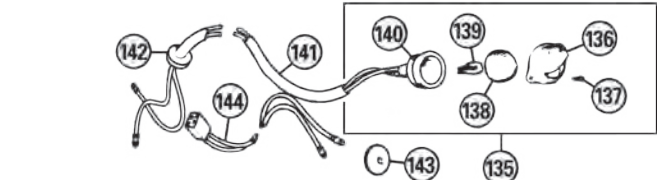
Rear Number Plate Lamp - MkI-III



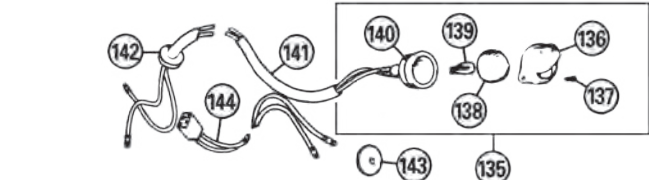
Stop, Tail & Indicator Lamp - MkIV-1500



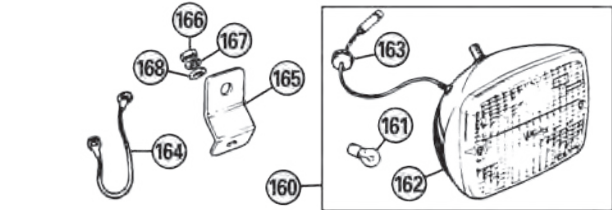
Rear Number Plate Lamps - MkIV-1500 (All markets to (c) FH115999 - except Italy)



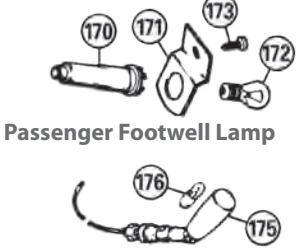
Rear Number Plate Lamps - MkIV-1500 (Italy only to (c) FH115999)



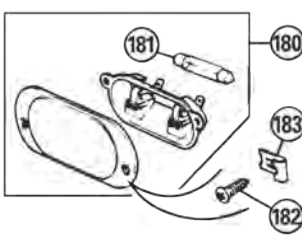
Rear Number Plate Lamps - MkIV-1500 (All markets from (c) FH116000)



Rear Fog Lamp Assembly (1500 models, from approx. 1979)



Passenger Footwell Lamp



Boot Lamp Assembly

ill. Part Number Description Req. Details

Rear Fog Lamp Assembly

1500 models, from approx. 1979

160 ALU1017	LAMP ASSEMBLY, fog	a/r	} either 1 or 2 fitted
ALU1017Z	LAMP ASSEMBLY, fog, aftermarket	a/r	
161 GLB382	BULB, 12V, 21W	a/r	
162 BAU1763	LENS, fog, clear	a/r	
163 061917	GROMMET, rubber	a/r	
164 134301	LEAD, earth	a/r	
165 YKC4473	BRACKET, fog lamp	a/r	} between bumper } rear valance
166 GHF200	NUT, lamp to bracket	a/r	
167 GHF331	WASHER, spring	a/r	
168 GHF300	WASHER, plain	a/r	

Passenger Footwell Lamp

170 13H1924	BULB HOLDER	a/r
171 627318	BRACKET	a/r
172 GLB987	BULB, 12V, 2.2W	a/r
173 GHF421	SCREW, self tapping	a/r

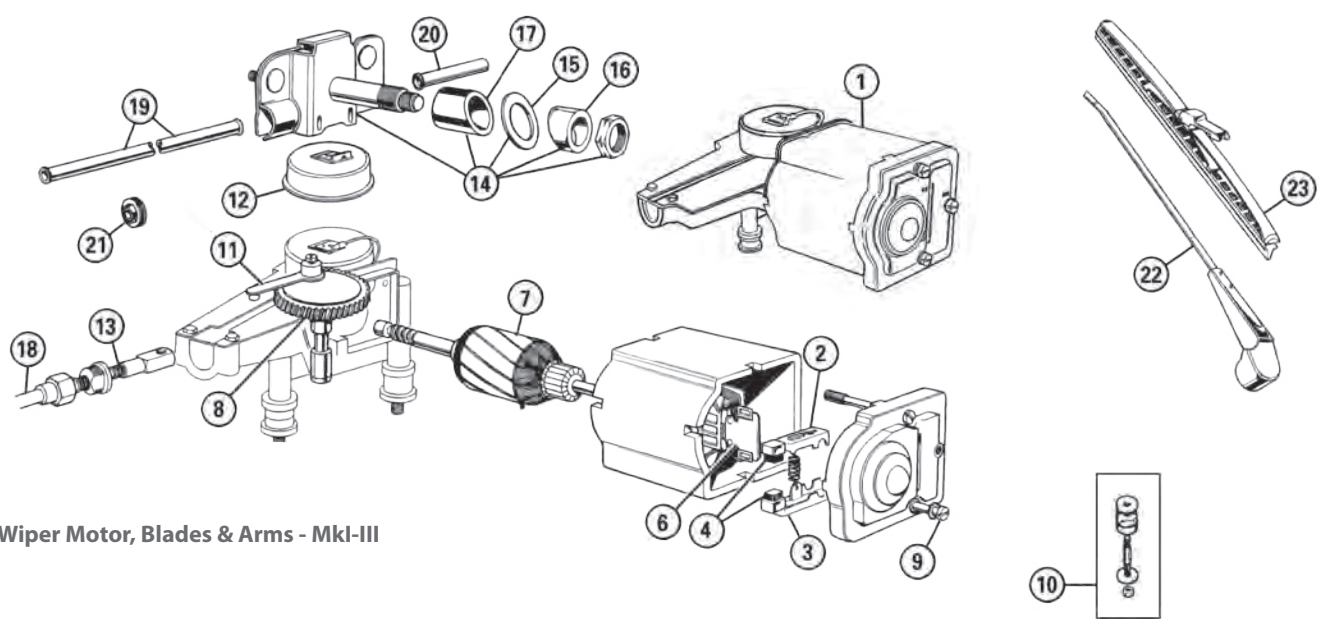
Map Reading Lamp Assembly

175 UKC3946	MAP READING LAMP	1
176 GLB233	BULB, 12V, 4W	1

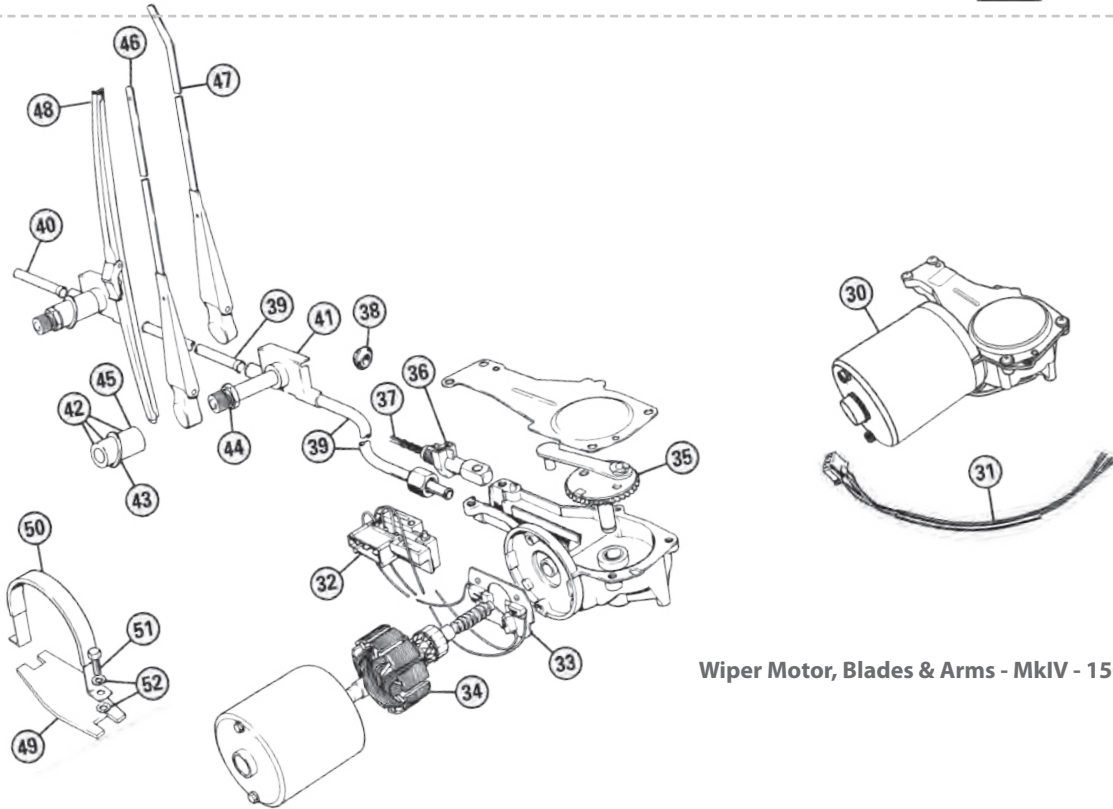
Boot Lamp Assembly

180 151353	LAMP ASSEMBLY, interior, boot	1
181 GLB256	BULB, 12V, 3W	1
182 AD606033	SCREW, lamp to body	2
183 GHF711	SPIRE NUT, lens to body	2

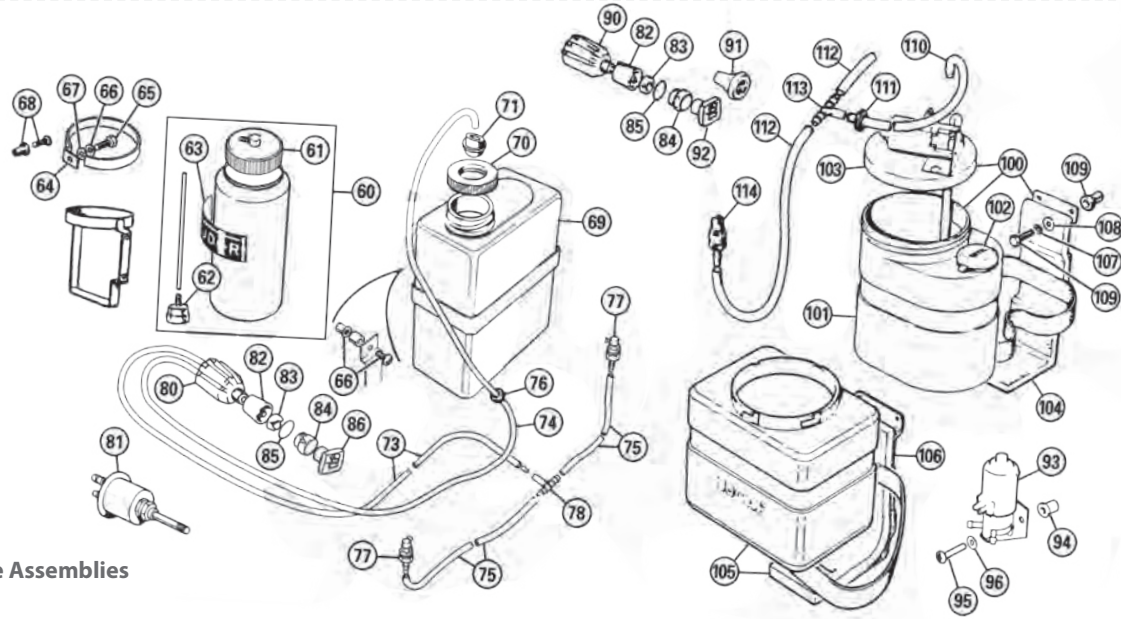
ill. Part Number Description Req. Details



Wiper Motor, Blades & Arms - MkI-III



Wiper Motor, Blades & Arms - MkIV - 1500



Washer Bottle Assemblies

ill.	Part Number	Description	Req.	Details
Windscreen Wipers, Washers & Fittings				
Wiper Motor, Blades & Arms - Mkl-III				
1	GXE7714	WIPER MOTOR	1	Mkl-III
2	511002	COVER, with bearing	1	
3	508169	GEAR, bush	1	
4	508170	BRUSH SET, wiper motor	1	
5	057429	SPRING, brush	1	
6	511004	COIL, field	1	
7	511003	ARMATURE	1	
8	511007	GEAR, wiper motor	1	Mkl to (c) FC20216
	513962	GEAR, wiper motor	1	Mkl from (c) FC20217 to MkIII
9	511001	BOLT, fixing casing	1	
10	17H5431	BUSH & PIN SET, wiper motor mounting	1	
11	511096	ROD, connecting	1	
12	57H5559	SWITCH, parking	1	
13	RTC202A	RACK, wheelbox driving	1	
14	136670	WHEELBOX	2	Mkl-II to (c) FC18221 only
	134746	WHEELBOX	2	Mkl from (c) FC18222 to MkIII
15	134751	SEAL, rubber, wheelbox	2	not available,
16	134747	BUSH, front, chrome plated	2	use 519988Z
17	134748	BUSH, rubber, rear	2	as replacement
	519988Z	BEZEL KIT, wiper wheelbox	2	inc. bezel, nut & washer
18	613654	TUBING, motor to wheelbox	1	Mkl-II to (c) FC18221 only
	706768	TUBING, motor to wheelbox	1	Mkl from (c) FC18222 to MkIII
19	131151	TUBING, wheelbox to wheelbox	1	Mkl-II to (c) FC18221 only
	613656	TUBING, wheelbox to wheelbox	1	Mkl from (c) FC18222 to MkIII
20	575047A	TUBING, wheelbox end	1	
21	600395	GROMMET, rubber, bulkhead	1	
22	130034	WIPER ARM, RHD	2	
	130035	WIPER ARM, LHD	2	Mkl to (c) FC20216
23	GWB219	WIPER BLADE	2	
22	37H4952	WIPER ARM, RHD	2	
	138480	WIPER ARM, LHD	2	Mkl from (c) FC20217 to MkIII
23	GWB223	WIPER BLADE	2	
22	149753	WIPER ARM, LHD, low reflection	2	MkIII from (c) FD22568
23	GWB223	WIPER BLADE, low reflection	2	USA

Wiper Motor, Blades & Arms - MklV-1500

30	GXE7708	WIPER MOTOR, no gear & rack, new	1	(Wiper motor assemblies are built to the later 'clip on' specification, see parking switches below).
31	GXE7708P	PLUG & LEAD, wiper motor wiring	1	(This plug & lead is available separately to allow repair of the existing wiring loom if the wiper motor plug is damaged, corroded or stuck in the motor socket).
32	517645A	SWITCH, parking, screw on	1	to approx. 1979
	520160A	SWITCH, parking, clip on	1	from approx. 1980
				(Due to motor casing differences, these switches cannot easily be interchanged).
33	RTC198A	BRUSH SET, with wires	1	from approx. 1980
34	37H8222	ARMATURE	1	
35	520101	GEAR, wiper motor	1	
36	37H3694	FERRULE	1	tubing nut to motor gear case
37	RTC202A	RACK, wheelbox driving	1	cut to fit
38	600395	GROMMET, rubber	1	
39	AAU1909A	RACK TUBING, motor to wheelbox	1	
40	575047A	RACK TUBING, wheelbox end	1	
41	155430	WHEELBOX	2	
42	519988Z	BEZEL KIT, wiper wheelbox	2	inc. chrome bezel, seal, spacer
43	ADC560	SEAL, wheelbox spindle	2	
44	17H8769	NUT, wheelbox retaining	2	8 sided
45	BHA4313	BUSH, rubber, rear	2	
46	156307	WIPER ARM, bright, straight, RH	1	MklV, 1500 to (c) FH80000
	UKC1285	WIPER ARM, black, straight, RH	1	1500 from (c) FH80001
47	156308	WIPER ARM, bright, cranked, LH	1	MklV, 1500 to (c) FH80000
	UKC1284	WIPER ARM, black, cranked, LH	1	1500 from (c) FH80001
48	GWB168	WIPER BLADE, bright finish	2	
	GWB199Z	WIPER BLADE, black finish	2	
49	150844A	PAD, wiper motor mounting	1	
50	BHA4790	STRAP, wiper motor	1	
	BHA4790SS	STRAP, wiper motor	1	stainless steel
51	SH604041	SCREW	2	
52	GHF300	WASHER, plain	4	

Washer Bottle Assemblies

60	GAC9214X	WASHER BOTTLE KIT, with lid, round	1	Mkl-IV all markets
61	AHH6848	CAP, washer bottle	1	except Germany
62	GWW506	VALVE, foot, windscreen washer	1	and Sweden, 1500
63	CRST124	LABEL, washer bottle, Tudor	1	all markets excluding
64	RTC2392SS	BRACKET	1	D, NL, A, F, B, I, CH

ill.	Part Number	Description	Req.	Details
65	HU505	SCREW, bracket to body	1/2	
66	WL700101	WASHER, spring	2/4	
67	PW2203	WASHER, plain	2/4	
68	566293	RAWL-NUT & SCREW	1/2	replaces item 65
69	GWW901	WASHER BOTTLE, rectangular	1	1300 German
70	GWW952	CAP, washer bottle	1	markets
71	GWW951	PLUG, filler, washer bottle, push fit	1	1500 D, NL, A,
72	622224	SPACER, mounting washer bottle	2	F, B, I, CH only
73	GWW202M	TUBING, pump to 'T' piece	a/r	4mm bore, sold per metre
74	GWW202M	TUBING, bottle to pump, RHD	a/r	4mm bore, sold per metre
	GWW201M	TUBING, bottle to pump, LHD	a/r	3mm bore, sold per metre
75	GWW201M	TUBING, 'T' piece to jets	a/r	3mm bore, sold per metre
76	061917	GROMMET, rubber	1	
77	GWW802	WASHER JET, single, chrome	2	
78	GWW404	CONNECTOR, T piece	1	

Manual Screen Wash System

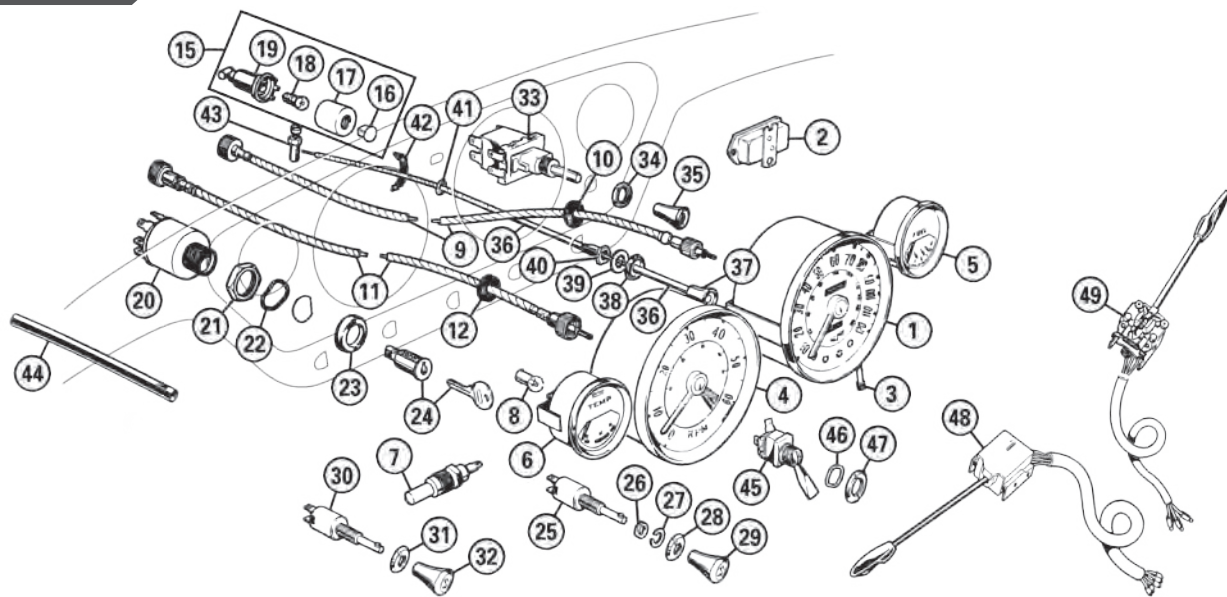
80	155495Z	SWITCH, wash & wiper (2 speed manual pump).	1	to (c) FH100020
				excluding Sweden
81	609173	WASHER PUMP, windscreen, manual	1	OE spec
82	621510	SPACER TUBE	1	
83	622682	NUT	1	
84	622443	BEZEL	1	
85	616048	WASHER, PVC	1	
86	725374	KNOB, wiper/washer switch, square	1	

Electric Screen Wash System

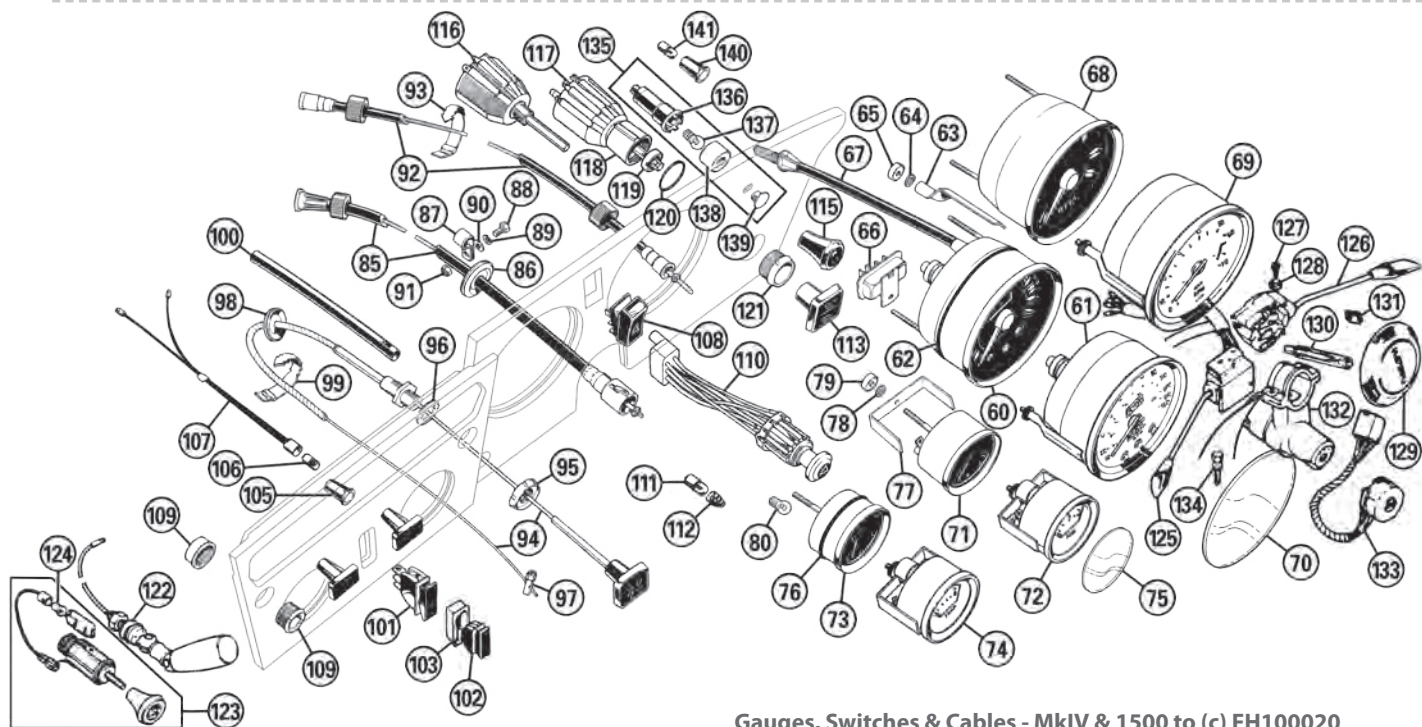
90	155496	SWITCH, wash & wiper (The mounting hardware for this switch is the same as manual wash/wiper switch items 82-85 listed above).	1	from (c) FH100021 and Sweden
91	625966	KNOB, wiper/washer switch, round	1	Sweden 1300 from (c) FH100021
92	725374	KNOB, wiper/washer switch, square	1	and Sweden 1500 models
93	GWW125	WASHER PUMP, electric	1	1500 from (c) FH100021
94	AFU1233	RAWL-NUT, in body	2	must be used
95	SE104141	SCREW, pump	2	together
	566293	RAWL-NUT & SCREW	2	alternative to
96	GHF306	WASHER, plain	2	items 94 & 95

Electric Screen Wash System - Swedish Markets

100	TKC909	WASHER BOTTLE ASSEMBLY, oval bottle	1	with pump, lid & bracket
101	GWW914	WASHER BOTTLE, oval	1	
102	GWW957	CAP, washer bottle	1	
103	GWW111	WASHER PUMP ASSEMBLY, electric	1	lid & pump
104	514223A	BRACKET & STRAP, oval bottle	1	
105	518264	WASHER BOTTLE KIT, square bottle	1	alternative to
106	518265	BRACKET & STRAP, square bottle	1	items 101 & 104
				(The square shaped washer bottle was supplied as an alternative to the oval washer bottle. These are interchangeable assuming bottle & bracket are fitted together, they accept the same lid & pump assembly).
107	WL700101	WASHER, spring	3	
108	GHF306	WASHER, plain	3	
109	566293	RAWL-NUT & SCREW	3	
110	GWW202M	TUBING, pump to T piece	a/r	4mm bore, sold per metre
111	061917	GROMMET, rubber	1	
112	GWW201M	TUBING, T piece to jets	a/r	3mm bore, sold per metre
113	GWW404	CONNECTOR, T piece	1	
114	GWW802	WASHER JET, single, chrome	2	



Gauges, Switches & Cables - MkI-III



ill.	Part Number	Description	Req.	Details
Instruments, Switches & Cables				
MkI-III				
1	209540	GAUGE, speedo, MPH (110)	1	MkI-II
	208252	GAUGE, speedo, MPH (100)	1	
	209541	GAUGE, speedo, KPH	1	
	214086R	GAUGE, speedo, SN6203/16, MPH, recon	1	MkIII
	214087R	GAUGE, speedo, SN6203/17, KPH, recon	1	
2	128484	VOLTAGE STABILISER, positive earth	1	MkII-III from (c) FC50001
3	134757	CABLE, trip meter reset, speedo	1	
4	209543	GAUGE, tachometer	1	
	212762	GAUGE, tachometer, new	1	MkI-II
	212762R	GAUGE, tachometer, reconditioned	1	
5	134242	GAUGE, fuel	1	
	147604	GAUGE, fuel	1	MkIII
6	134243R	GAUGE, temperature, BT2204/03, recon	1	
7	137386	TEMPERATURE TRANSMITTER	1	MkI to (e) FC26302
	GTR108	TEMPERATURE TRANSMITTER	1	
8	GLB987	BULB, illumination & warning lights	6	MkI-III from (e) FC26303
9	GSD111	CABLE, speedo, 48"	1	
10	613302	GROMMET, gearbox cover	1	MkI-II
	602037	GROMMET, cable, air box & dash shelf (Not required for dash shelf when heater fitted).	a/r	
11	134733	CABLE, tachometer, 31"	1	MkI to (b) 5964FC
	138317	CABLE, tachometer, RHD	1	
	138316	CABLE, tachometer	1	MkI-III RHD/LHD & MkIV LHD
			1	
12	613302	GROMMET	1	MkI-II
	602037	GROMMET, cable, air box & dash shelf (Not required for dash shelf when heater fitted).	a/r	
15	119616	LAMP, warning, indicators	1	alt., kit includes shade
	37H5182	LAMP, warning, indicators, with 3 lenses	1	
16	AJG5046	LENS, warning lamp, dashboard, green	1	included in 37H5182
17	508137	SHADE	1	
18	13H1924	BLUB HOLDER, claw type	1	MkI-II
19	GLB987	BULB, warning light	1	
20	127651	SWITCH, ignition & starter	1	MkI-II
21	510369	NUT, locking, ignition switch	1	
22	128087	WASHER	1	MkIII
23	609793	BEZEL	1	
24	24G1345	BARREL LOCK, ignition, with key	1	with knob
25	2H4841	SWITCH, windscreen wipers	1	
26	510368	NUT, switch	1	MkI-II USA only
27	130545	WASHER, spring	1	
28	609933	BEZEL	1	MkI-II USA only
29	704875	KNOB, wiper switch	1	
30	2H4841	SWITCH, panel light switch, with knob	1	MkI-II USA only
31	609933	BEZEL	1	
32	704879	KNOB, panel light switch	1	MkI-II
33	BHA4578	SWITCH, lights & instrument illumination	1	
34	609792	BEZEL	1	MkIII
	610685	BEZEL	1	
35	704885	KNOB, side & headlamp switch	1	MkI-II
36	TKC2772	CHOKE CABLE, with knob	1	
	401900/1	CHOKE CABLE, without knob	1	MkI-II
37	704873	KNOB, choke	1	
38	618946	BEZEL, choke cable	1	MkI-II
39	GHF325	WASHER, shakeproof	1	
40	515789	NUT, locking	1	MkI-II
41	061917	GROMMET, choke cable	1	
42	GHF1266	CABLE TIE, choke cable to overflow pipe	1	MkIII to (c) FD25146
43	AUE34	TRUNNION, choke inner cable to carb	1	
44	149137	PVC SLEEVE, on choke cable, LHD	1	only required
45	RTC430A	SWITCH, heater, toggle	1	
46	128088	WASHER, spring	1	when heater
47	609792	BEZEL	1	
48	1472782	SWITCH, headlamp, RHD	1	MkI-III
	147279	SWITCH, headlamp, LHD	1	
			1	MkI-III except USA MkI-II & MkIII from (c) FDU31254 & Sweden MkIII
			1	
	141858	SWITCH, headlamp, LHD	1	MkI-II USA
	148647	SWITCH, headlamp, LHD	1	
			1	USA MkIII from (c) FDU31254 to FDU75001
			1	
	148648	SWITCH, headlamp, LHD	1	Sweden all MkIII & USA from (c) FDU75001
			1	
49	131274	SWITCH, indicator	1	MkI to (b) FC31640
	147277	SWITCH, indicator	1	

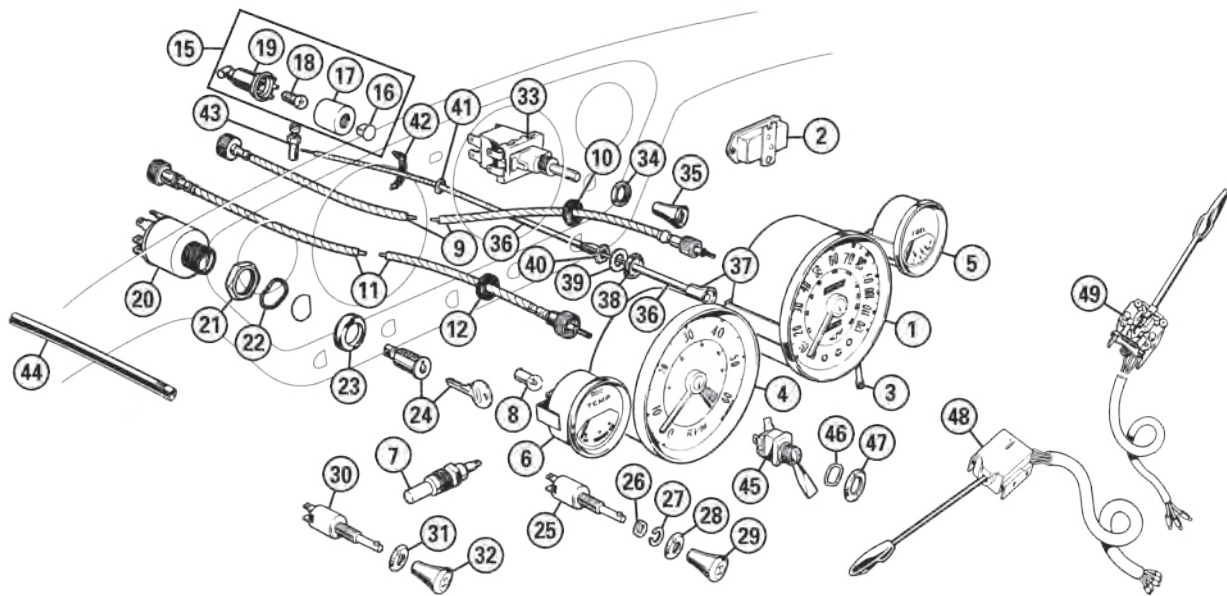
MkIV & 1500 to (c) FH100020 (Early)

60	217517R	GAUGE, speedo, SNT6203/54, MPH	1	MkIV to (c) FH50000
----	---------	--------------------------------	---	---------------------

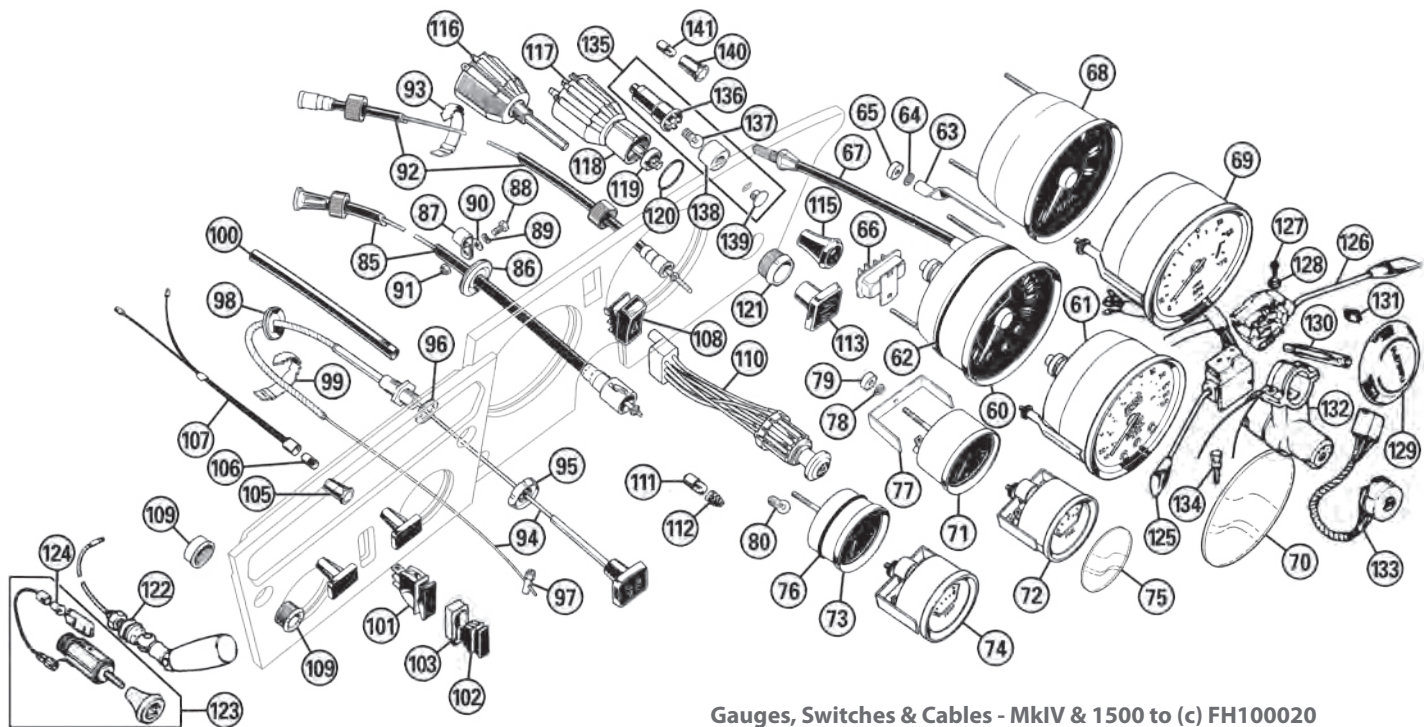
	217518R	GAUGE, speedo, SNT6203/57, KHP	1	MkIV from (c) FH50001
61	218815E	GAUGE, speedo, SNT6211/04, MPH	1	
	218816R	GAUGE, speedo, SNT6211/05, KPH	1	
	TKC1513E	GAUGE, speedo, SNT6211/14, MPH	1	
	TKC1514E	GAUGE, speedo, SNT6211/13, KPH	1	1500
		(All gauges are reconditioned units and are exchange items, your old unit must be repairable).		
62	AJH5178	O RING, speedo/tacho	2	MkIV to (c) FH50000
63	17H1339	STRAP, speedo/tacho retaining	4	
64	LWZ402	WASHER, shakeproof	4	MkIV-1500 from (c) FH50001
65	17H1304	NUT, thumb, small	4	
66	BHA4602	VOLTAGE STABILISER	1	MkIV to (c) FH50000
67	155191	CABLE, trip meter reset, speedo	1	
	BHA4772	CABLE, trip meter reset, speedo	1	MkIV-1500 from (c) FH50001
68	215100	GAUGE, tachometer, RN1319/04, new	1	
	215100R	GAUGE, tachometer, RN1319/04, recon	1	MkIV to (c) FH50000
69	218835	GAUGE, tachometer, RN1326/00, recon	1	
	218835R	GAUGE, tachometer, RN1326/00, recon	1	MkIV-1500 from (c) FH50001
			1	
	TKC1706E	GAUGE, tachometer, RVC2414/01, recon	1	electric 1500 to (c) FH100020
70	AJH5177	GLASS, gauge, flat, large, 4"	2	MkIV to (c) FH50000
71	150385	GAUGE, fuel, BF2201/16, new	1	
	150385R	GAUGE, fuel, BF2201/16, recon	1	MkIV-1500 from (c) FH50001
72	159604	GAUGE, fuel, BF2232/00, new	1	
	159604R	GAUGE, fuel, BF2232/00, recon	1	MkIV to (c) FH50000
73	150386	GAUGE, temperature, BT2204/12, new	1	
	150386R	GAUGE, temperature, BT2204/12, recon	1	MkIV-1500 from (c) FH50001
74	159606	GAUGE, temperature, BT2230/00, new	1	
	159606R	GAUGE, temperature, BT2230/00, recon	1	GLASS, gauge, flat, small, 2"
75	502269F	GLASS, gauge, flat, small, 2"	2	
76	17H1642	O RING, small	2	STRAP, gauge retaining
77	AJH5187	STRAP, gauge retaining	2	
78	WL700061	WASHER, spring	2	NUT, thumb, large
79	17H932	NUT, thumb, large	2	
80	GLB987	BULB, 2.2W, instrument lighting	6	MkIV (3-rail)
85	GSD415	CABLE, speedo, 48", RHD	1	
	156316	CABLE, speedo, 57", LHD	1	non-overdrive
	GSD273	CABLE, speedo, 54", RHD	1	
	156318	CABLE, speedo, 63", LHD	1	MkIV (3-rail)
	GSD295	CABLE, speedo, 54", RHD	1	
	GSD410	CABLE, speedo, 48", LHD	1	overdrive
	156316	CABLE, speedo, 57", RHD	1	
	GSD273	CABLE, speedo, 54", LHD	1	1500 (single rail)
			1	
			1	overdrive
			1	
86	602037	GROMMET, rubber	1	cable through bulkhead
87	CP110125	CLIP, speedo cable	a/r	
88	PMZ308	SCREW	1	WASHER, spring
89	WL700101	WASHER, spring	1	
90	PWZ203	WASHER, plain	1	NUT
91	HN2005	NUT	1	
92	144370	CABLE, tachometer, 42", RHD	1	MkI-III RHD/LHD & MkIV LHD
	138316	CABLE, tachometer, 29", LHD	1	
93	13H6107	CABLE TIE, rev counter cable	2	CHOKE CABLE, inner & outer, RHD
94	156137	CHOKE CABLE, inner & outer, RHD	1	
	UKC2673	CHOKE CABLE, inner & outer, LHD	1	BEZEL, choke cable
95	618946	BEZEL, choke cable	1	
96	GHF325	WASHER, shakeproof	1	TRUNNION, choke cable
97	AUE34	TRUNNION, choke cable	1	
98	061917	GROMMET	1	CABLE TIE
99	GHF1266	CABLE TIE	1	
100	UKC6256	TUBE, PVC water valve cable	1	LHD only
101	157353	SWITCH, master light	1	
102	150380Z	SWITCH, master light	1	MkIV to (c) FH50000
103	148437	BEZEL, (fits 150380 light switch)	1	
			1	BAOR RHD only
			1	
105	AAU4824Z	WARNING LAMP, green, side lamp	1	Italy only from (c) FH52644
106	GLB643	BULB, 2.2W, warning light	1	
107	159646	WIRING HARNESS, warning light	1	LHD only
108	156044	SWITCH, rocker, hazard warning lights	1	
109	BHA4770	LAMP, warning	1	when hazard warning lights or dual brakes fitted
			1	
110	159905A	SWITCH, hazard warning lights	1	BAOR RHD only
111	GLB281	BULB, 2.2W, (for 159905 switch)	1	

Note: There were a number of speedometer cables applied to the 1300 and 1500 Spitfire range. They allow for variations such as RHD & LHD, overdrive or non-overdrive and gearbox type. We list all the types used here. The measurements shown relate to the length (in inches) of the outer cable.

Note: The light switch 157353 is not currently available and, we can only supply the later type switch 150380. To fit the later light switch into an earlier MkIV, the bezel 148437 will be required.



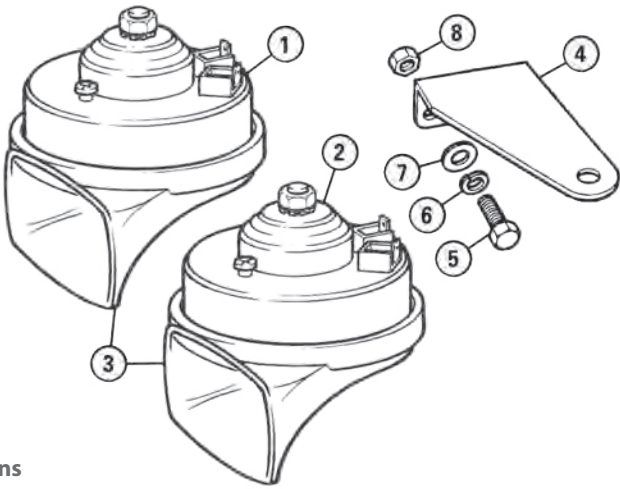
Gauges, Switches & Cables - MkI-III



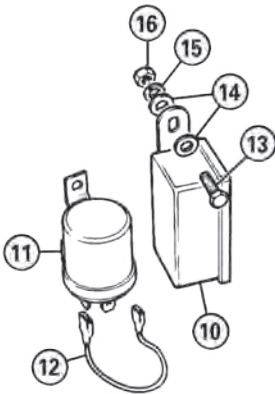
ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
112	520953	SPRING	1	]	169	PMZ308	SCREW	1	
					170	WL700101	WASHER, spring	1	
					171	PWZ203	WASHER, plain	1	
					172	HN2005	NUT	1	
					173	159556	CLIP, speedometer cable	1	
113	712913	KNOB, wiper/washer switch, square	1	all markets except Sweden	175	156137	CHOKE CABLE, inner & outer	1	RHD
	725374	KNOB, wiper/washer switch, square	1	replacement, USA spec		UKC2673	CHOKE CABLE, inner & outer	1	LHD
		(Knob (725374) was original fitment on USA specification Spitfires.			176	618946	BEZEL, choke cable	1	
		British Leyland decided that as stocks of the 712913 & 625966			177	GHF325	WASHER, shakeproof	1	
		switches became depleted, the USA knobs (725374) would replace them).			178	AUE34	TRUNNION, choke cable	1	
115	625966	KNOB, wiper/washer switch, round	1	Sweden only	179	061917	GROMMET	1	cable through bulkhead
116	155495Z	SWITCH, windscreen wipers	1	2 speed, manual pump	180	GHF1266	CABLE TIE	1	
117	155496	SWITCH, windscreen wipers	1	electric pump, Sweden	181	150380Z	SWITCH, master light	1	
118	621510	SPACER TUBE, switch mounting	1	119 622682	182	13H7986	WARNING LAMP, seat belts	1	
	NUT 1				183	UKC5812	WARNING LAMP, handbrake	1	
120	616048	WASHER, PVC	1		184	UKC4187	BULB HOLDER, sleeve fitting	2	
121	622443	BEZEL, wiper/washer switch	1		185	GLB281	BULB, 2.2W	2	
122	UKC3946	MAP READING LAMP	1		186	AAU4824Z	WARNING LAMP, indicators, green	1	
123	AHH7010	CIGAR LIGHTER, blank knob	1	aftermarket	187	GLB504	BULB, 3W	1	
124	GLB987	BULB, 2.2W	1		188	159905A	SWITCH, hazard warning lights	1	RHD
125	152616	SWITCH, headlamp, dip & flash	1	RHD		UKC8204	SWITCH, hazard warning lights	1	LHD
	148648	SWITCH, headlamp, dip & flash	1	LHD	189	520953	SPRING	1	
126	158966	SWITCH, indicators	1		190	GLB281	BULB, 2.2W	1	
127	TP402	SCREW, pan head	4				(The original BL parts book is proven once again to be incorrect. The		
128	WE604	WASHER, shakeproof	4				hazard warning switch assembly is shown as having the spring		
129	150277	HORN PUSH, Triumph Shield	1	MkIV to (c) FH50000			located behind the bulb. The reverse is true. The spring forces the bulb		
	159761	HORN PUSH, Triumph	1	MkIV-1500 from (c) FH50001			into the connector and keeps it away from the plastic knob which		
130	142534	BRUSH, horn push contact	1				would otherwise melt. If your knob has melted there is no known cure		
131	613766	CLIP, horn push securing	2				other than to purchase a new switch assembly).		
132	219061/1	STEERING LOCK & IGNITION SWITCH	1	MkIV to (c) FH62644	191	UKC3946	MAP READING LAMP	1	
	UKC2719/1	STEERING LOCK & IGNITION SWITCH	1	MkIV-1500 from (c) FH62645	192	AHH7010	CIGAR LIGHTER, blank knob	1	aftermarket
133	579085	SWITCH, ignition	1	MkIV to (c) FH62644	193	GLB987	BULB, 2.2W	1	original cigar lighter
		(With Lucar terminals).			194	TKC5067	SWITCH, rear fog light	1	
	218959	SWITCH, ignition	1	MkIV-1500 from (c) FH62645	195	GLB283	BULB	1	
		(With small loom & block connectors).			196	520953	SPRING	1	
	LU30399	SWITCH, ignition, Lucas	1				Note: The steering column was changed at (c) FH100019 for a more modern and safer design. It included		
		(With small loom & block connectors).							
134	152597	SHEAR BOLT	2						
135	119616	LAMP, warning, indicators	1						
	37H5182	LAMP, warning, indicators, with 3 lenses	1	alt., kit includes shade			a new steering lock and switch gear. The horn was operated by the indicator switch rather than by a		
136	13H1924	BULB HOLDER	1						
137	GLB987	BULB, 2.2W	1	MkIV to (c) FH50000					
138	508137	SHADE	1		197	RKC3982	STEERING LOCK & IGNITION SWITCH	1	RHD, with 2 keys
139	AJG5046	LENS, warning lamp, green	1			RKC3983	STEERING LOCK & IGNITION SWITCH	1	LHD, with 2 keys
140	AAU4824Z	WARNING LAMP, indicator, green	1	MkIV from (c) FH50001	198	218959	SWITCH, ignition	1	
141	GLB643	BULB, 2.2W	1	& 1500		LU30399	SWITCH, ignition	1	Lucas
					199	152597	SHEAR BOLT	2	
1500 from (c) FH100021 (Late)					200	AAU7994	SWITCH, indicators, headlamp & horn	1	RHD
150	TKC1513E	GAUGE, speedo, SNT6211/14, MPH	1			AAU7996	SWITCH, indicators, headlamp & horn	1	LHD
	TKC1514E	GAUGE, speedo, SNT6211/13, KPH	1		201	AAU8843	SWITCH, windscreen wipers	1	RHD
	PKC643	GAUGE, speedo, SNT6211/12, MPH	1	new		AAU8844	SWITCH, windscreen wipers	1	LHD
	PKC643E	GAUGE, speedo, SNT6211/12, MPH	1						
	PKC641E	GAUGE, speedo, SNT6211/17, KPH	1						
		(All gauges are reconditioned units and are exchange items, your old unit							
		must be repairable).							
151	AJH5178	O RING	2						
152	17H1339	STRAP, gauge retaining	4						
153	LWZ402	WASHER, shakeproof	4						
154	17H1304	NUT, thumb, small	4						
155	BHA4602	VOLTAGE STABILISER	1						
156	BHA4772	CABLE, trip meter reset flex, speedo	1						
		(The trip meter reset cable is supplied with the speedos listed above).							
157	TKC1706E	GAUGE, tach, RVC2414/01, recon	1						
158	AJH5177	GLASS, gauge, flat, large, 4"	2						
159	159604R	GAUGE, fuel, BF2232/00, recon	1						
160	159606R	GAUGE, temperature, BT2230/00	1	recon					
161	AJH5187	STRAP, gauge retaining	2						
162	WL700061	WASHER, spring	2						
163	17H1304	NUT, thumb, small	2						
164	502269F	GLASS, gauge, flat, small, 2"	2						
165	17H1642	O RING, small	2						
166	GSD295	CABLE, speedo, 54", RHD	1	1500 single-rail					
	GSD410	CABLE, speedo, 48", LHD	1	non-overdrive					
	156316	CABLE, speedo, 57", RHD	1	1500 single-rail					
	GSD273	CABLE, speedo, 54", LHD	1	overdrive					

Note: There were a number of speedometer cables applied to the 1300 and 1500 Spitfire range. They allow for variations such as RHD & LHD, overdrive or non-overdrive and gearbox type. We list all the types used here. The measurements shown relate to the length (in inches) of the outer cable.

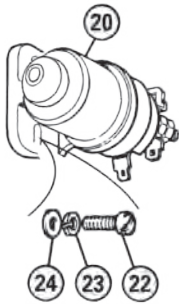
167	602037	GROMMET	1	cable through bulkhead
168	CP110125	CLIP, speedometer cable	1	



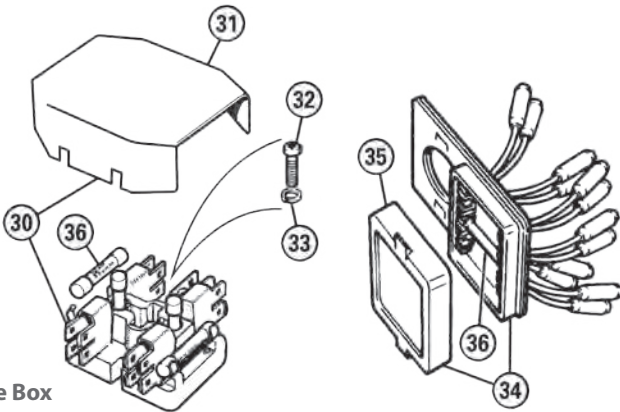
Horns



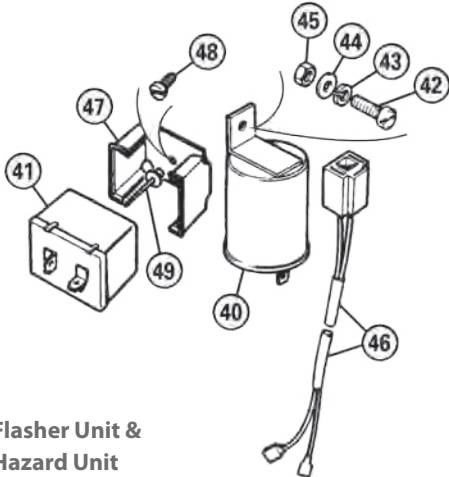
Horns & Overdrive Relays



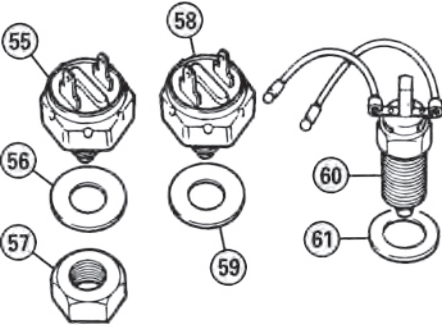
Starter Solenoid



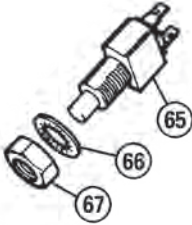
Fuse Box



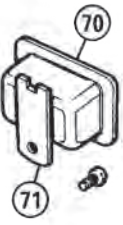
Flasher Unit & Hazard Unit



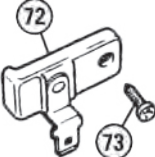
Reverse Lamp & Overdrive Inhibitor Switches



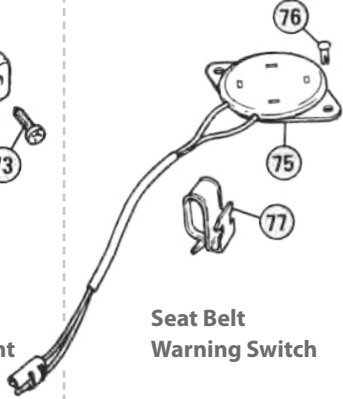
Brake Light Switch



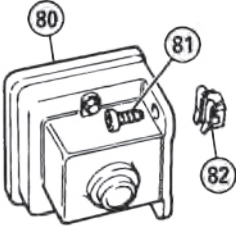
Voltage Stabiliser



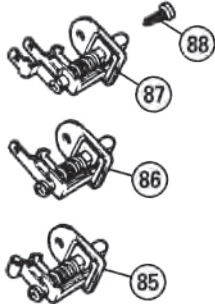
Handbrake Warning Light Switch



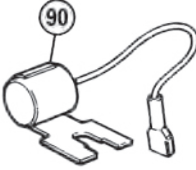
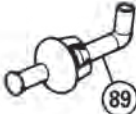
Seat Belt Warning Switch



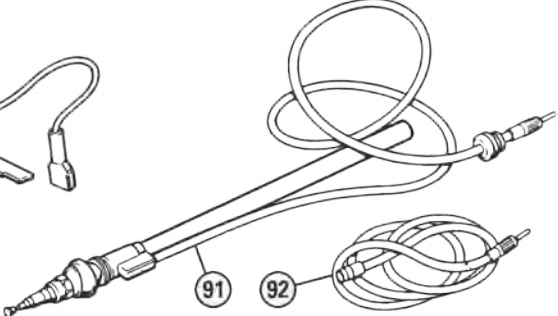
Night Dimming Relay



Courtesy Light Switches

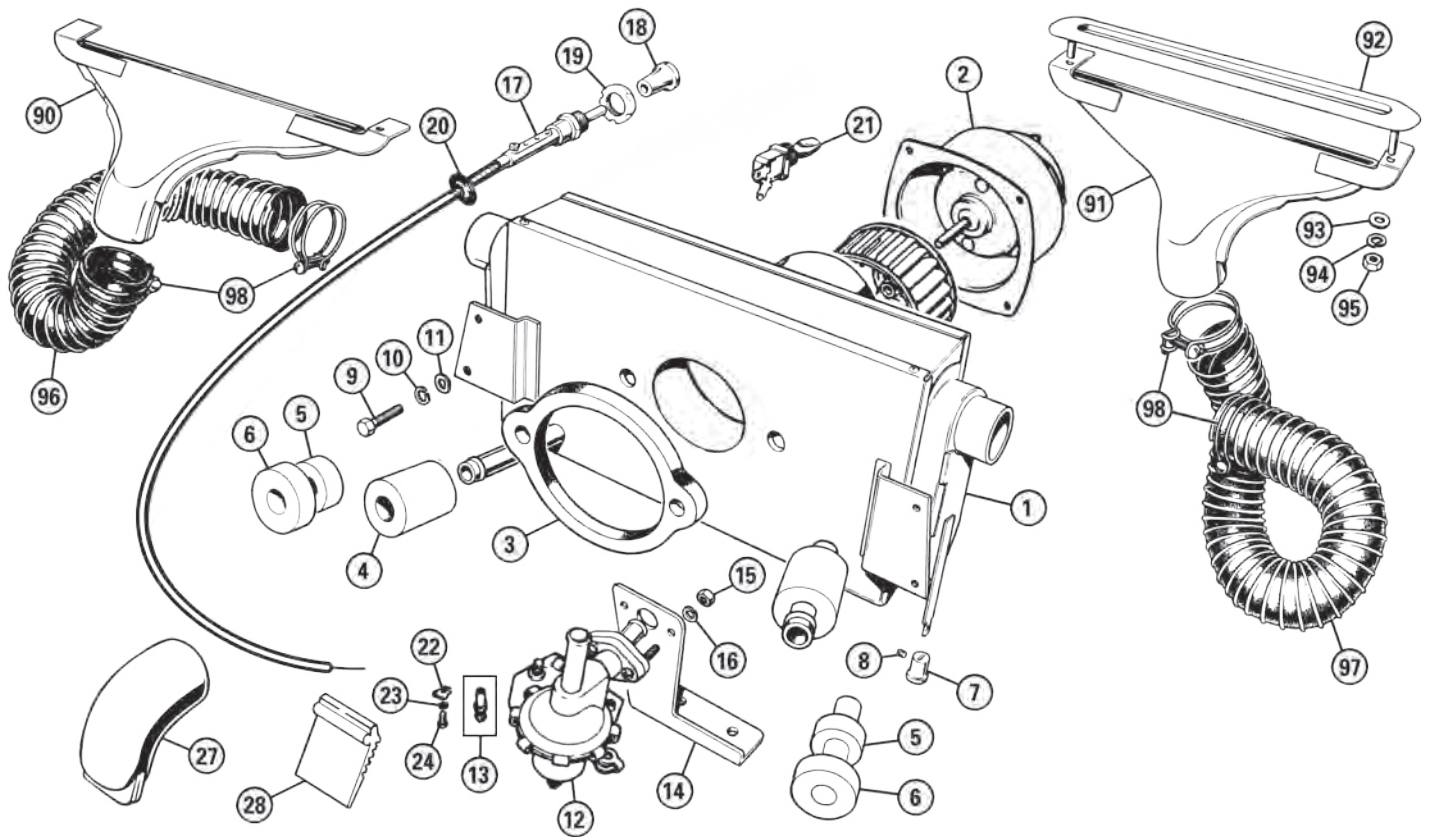


Road Suppressor & Aerial

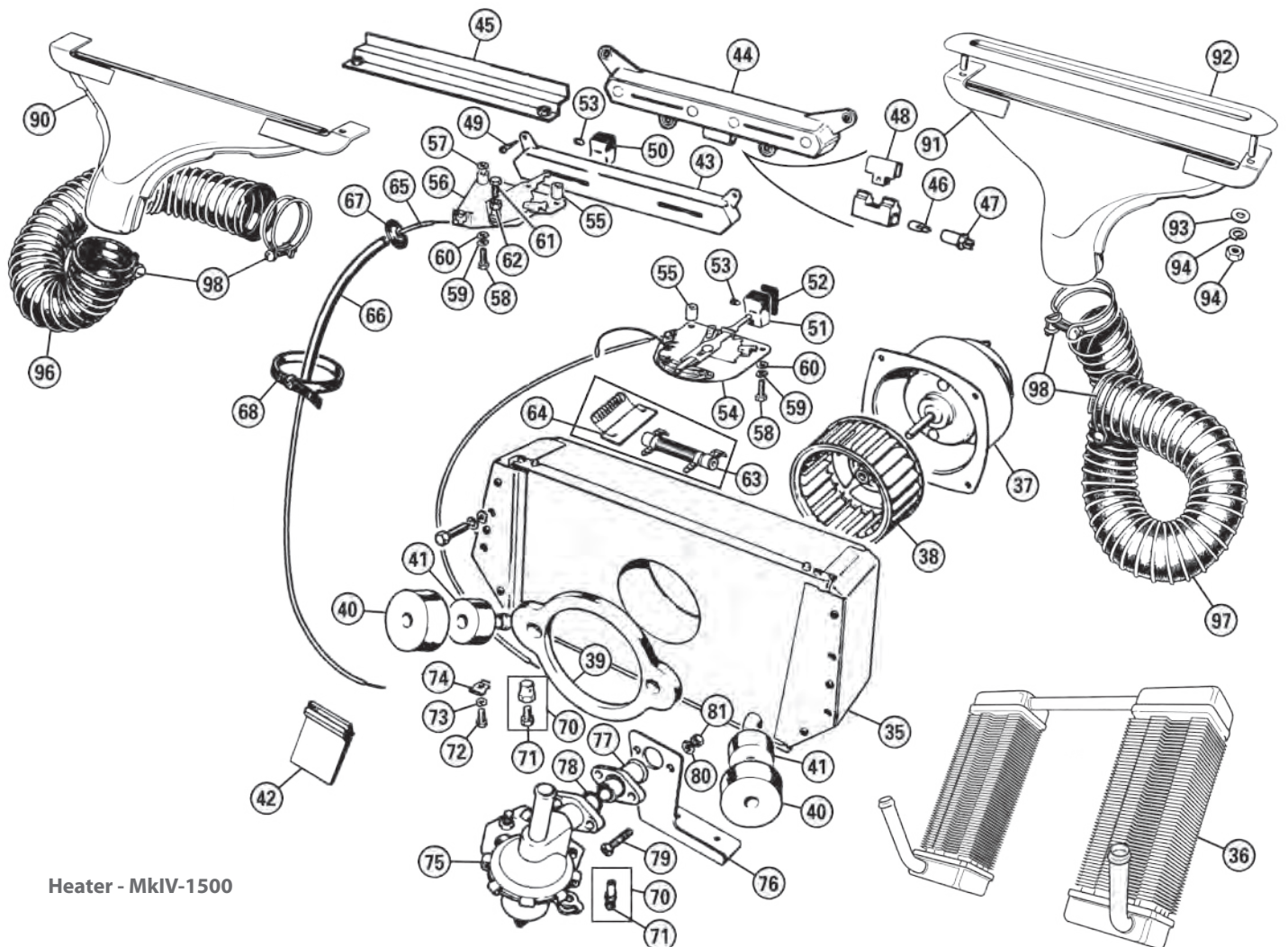


ill.	Part Number	Description	Req.	Details
Switches & Controls				
Horns				
Note: There were many different horns listed for the Spitfires over the years, including a separate type for the French market. Over the years the original Lucas and Clear Hooters types have been superseded and are no longer available. Listed below are the ones that we can supply. Replacement horns should be fitted in car sets for matched sound.				
1	GGE164	HORN, high note, plastic	1	
	BHA4515	HORN, high note, metal	1	
2	GGE165	HORN, low note, plastic	1	
	BHA4514	HORN, low note, metal	1	
3	GGE164/5	HORN SET, high/low note (pair)	1	aftermarket
4	156275	BRACKET, LH	1	Lucas or Clearhooter horns only
	156275SS	BRACKET, LH, stainless steel	1	
	156276	BRACKET, RH	1	
	156276SS	BRACKET, RH, stainless steel	1	
	ULC1719	BRACKET, horn	2	
5	GHF117	SCREW, bracket	4	
6	GHF331	WASHER, spring	4	
7	GHF300	WASHER, plain	4	
8	GHF200	NUT	4	
Horn & Overdrive Relays				
10	CHM68SQ	RELAY, 26RA, horn	1	MkI-IV
	142169A	RELAY, 6RA, overdrive	1	MkI-IV, 'D' type only
11	CHM68SQ	RELAY, 26RA, horn	1	1500 to (c) FH100020
12	125957	LOOP CABLE, relay power	1	
13	510503	SCREW, relay	a/r	
14	PWZ203	WASHER, plain	a/r	
15	WL700101	WASHER, spring	a/r	
16	HN2005	NUT	a/r	
Starter Solenoid				
20	121269	SOLENOID, starter, round	1	MkI-III
	BCA4501	SOLENOID, starter, round	1	
21	13H5952	SOLENOID, starter, square	1	MkIV-1500
	13H5952LU	SOLENOID, starter, square	1	Lucas
22	SE910201	SCREW, solenoid	2	
23	WL700101	WASHER, spring	2	
24	WM55	WASHER, plain	2	
Fuse Box				
30	606253A	FUSE BOX, Lucar type	1	MkI-II
31	505158A	LID, fuse box	1	
32	SE910201	SCREW, pan head	1	
	GHF426	SCREW, self tapping	1	
33	WL700101	WASHER, spring	1	
Note: Fuse boxes were an integral part of the wiring loom from MkIII onwards. We list a repair/replacement fuse box to service those cars with 'torched' fuse boxes. These items require electrical splicing skills to fit, but they are cheaper than a whole new loom.				
34	608401	FUSE BOX, repair/replacement	1	MkIII-1500
35	607201A	LID, fuse box	1	
36	GFS35X	FUSE, 35 amp, glass, each	5	
Flasher Unit & Hazard Unit				
40	GFU2101	FLASHER UNIT, indicators, 3 terminal	1	MkI-III
41	GFU2124	FLASHER UNIT, indicators, square	1	all MkIV, all 1500 D, B, DK, F, NL, I, CH, A, & 1500 LHD to (c) FH100020
	UKC9187	HAZARD & INDICATOR RELAY	1	
			1	
			1	
40	C28520	HAZARD RELAY	1	MkIII US from FDU31254
	GFU2204	HAZARD RELAY	1	MkIV LHD not Germany from (c) FH50001 & RHD BAOR, 1500 all RHD & LHD to (c) FH100020 except D, B, DK, F, NL, I, CH, A
			1	
			1	
			1	
41	GFU2124	HAZARD RELAY	1	MkIV from (c) FH50001 Germany only & 1500 LHD D, B, DK, F, NL, I, CH, A only
			1	
			1	
			1	
42	PMZ206	SCREW	1	
43	WL700101	WASHER, spring	1	see item 48 for alternatives
44	WP3	WASHER, plain	1	
45	NH806011	NUT	1	
46	158491	WIRING HARNESS, extension, relay	a/r	indicator/hazard

	Part Number	Description	Req.	Details
47	BHA4780	CLIP, relay	1/2	} alternatives to items 42-45
48	AB608031	SCREW, clip	a/r	
49	RU608123	RIVET	a/r	
Water Temperature Transmitter Unit				
50	GTR108	TEMPERATURE TRANSMITTER	1	
Oil Pressure Switch				
51	GPS117	SWITCH, oil pressure warning light	1	
Reverse Lamp & Overdrive Inhibitor Switches				
55	BAU1074Z	SWITCH, inhibitor	1	} overdrive models only
56	1B3664	WASHER, fibre	a/r	
57	059474	NUT, securing, inhibitor switch	1	} 3 rail gearbox
58	BAU1074Z	SWITCH, reverse light	1	
59	1B3664	WASHER, fibre	a/r	} single rail gearbox
60	GAE191A	SWITCH, reverse light	1	
61	GHF302	WASHER, plain	1	
Brake Light Switch				
65	13H3735	SWITCH, brake light, plastic	1	} improved quality metal body
	13H3735X	SWITCH, brake light, metal, uprated	1	
66	GHF325	WASHER, shakeproof	1	
67	FNZ208	NUT	1	
Voltage Stabiliser				
70	128484	VOLTAGE STABILISER, positive earth	1	MkI-III
	BHA4602	VOLTAGE STABILISER, negative earth	1	MkIV-1500
71	AB604023	SCREW, stabiliser	1	
Handbrake Warning Light Switch (1500 Models Only)				
72	TKC3894	SWITCH, handbrake warning	1	
73	AB604023	SCREW, switch to brake lever	1	
Seat Belt Warning Switch (1500 Models Only)				
75	158534	SWITCH, seat belt sensor	2	in seat cushion
76	BRP906	RIVET, switch	4	
77	615837	CLIP, wiring	2	
Night Dimming Relay, Rear Lights MkIV Models Only RHD Only To FH50000, RHD & LHD From FH50001				
80	159716	RELAY, night dimming	1	
81	GHF423	SCREW, self tapping	2	
82	GHF712	SPIRE NUT	2	
Courtesy Light Switches (MkV-1500 Models)				
85	AAU1876A	SWITCH, courtesy light (Earthed through screw).	a/r	} 1 bullet terminal
86	YKC940Z	SWITCH, courtesy light (Earthed through screw).	a/r	
87	627733	SWITCH, courtesy light (Not earthed through screw).	a/r	} 2 Lucar spade terminals (1 line/1 earth)
88	GHF421	SCREW, switch	2/3	
Boot Lamp Switch				
89	606240	SWITCH, boot lamp	1	1500 only
Suppressors				
The fitting of suppressors is required for all cars with radios. They quieten the electrical crackle created by both coil & alternator which is otherwise picked up by the radio.				
90	DZB5567	SUPPRESSOR, radio	a/r	coil/alternator
	579356A	SUPPRESSOR, radio	a/r	alternator
Aerial & Extension Lead				
91	MRA001	AERIAL, retractable	1	
92	ZKC533	EXTENSION LEAD, aerial	1	



Heater - Mkl-III



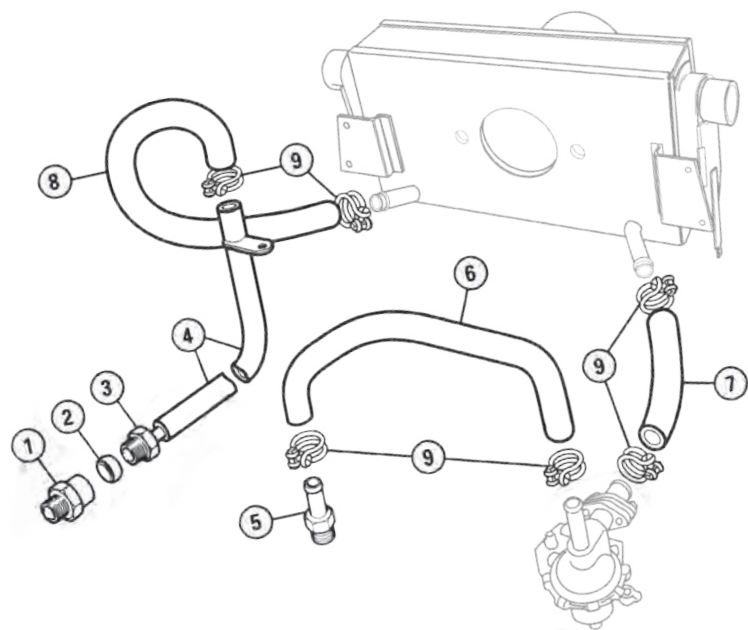
ill.	Part Number	Description	Req.	Details
Heaters & Ventilation				
Heaters - MkI-III				
1	904140	HEATER ASSEMBLY	1	
2	514088	MOTOR, heater	1	
3	614125	GASKET, matrix to plenum	1	
4	613648	SEAL, small, inlet & outlet pipes	4	to (b) FC27857 LHD & (b) FC30686 RHD
5	613648	SEAL, small, inlet & outlet pipes	2	
6	616627	SEAL, large, inlet & outlet pipes	2	(b) FC30687 RHD
7	17H490	KNOB, vent door	2	
8	AB604023	SCREW, knob	2	
9	GHF117	SCREW, set	4	heater to dash shelf
10	GHF331	WASHER, spring	4	
11	WM57	WASHER, plain	4	
12	706934	HEATER TAP	1	
13	24G1482K	TRUNNION KIT	1	inc. screw
14	613493SS	BRACKET, heater tap, stainless	1	
15	HN2005	NUT, heater tap to bracket	2	
16	505307	WASHER, spring	2	
17	616852	CABLE, heater tap control	1	
18	704884	KNOB, heater control	1	
19	613314	BEZEL, push/pull control	1	
20	061917	GROMMET, fitted in dash	1	
21	RTC430A	SWITCH, toggle, heater	1	
22	2H400	CLIP, heater cable retaining	1	
23	505307	WASHER, spring	1	
24	511765	SCREW, cable	1	
NI	613097	PLATE, cover, heater aperture	1	required when
NI	AB608031	SCREW, plate attaching	4	heater not fitted
27	609156	ELBOW, outlet, plenum chamber	1	fitted to (b) 25519FC
28	616206	LID, air box draining	1	from (b) 25520FC to MkIII
NI	143537	BEZEL, heater switch	1	
NI	128089	WASHER, wavy, heater switch	1	MkIII USA only
NI	150693	NAMEPLATE, heater switch	1	
Heaters - MkIV-1500				
35	910501	HEATER ASSEMBLY	1	MkIV-1500 to mid 1976
	WKC2519	HEATER ASSEMBLY	1	1500 from mid 1976
	910501X	HEATER BOX	1	
The heater matrix was cleverly pop riveted into its box, making it very difficult to remove in the event of a blockage, if the matrix failed a whole new assembly had to be purchased. Should the matrix be blocked or leaking, the outer chamber will have to be dismantled by either drilling out the rivets, or if you are really desperate, by using a hammer and chisel. If the fragile matrix was not damaged before you attacked the box, it will be now.				
36	910501M	HEATER MATRIX	1	
(Both heaters & matrices are very difficult to find, manufacture, or recondition for Spitfires due to the unusual design (that hole in the middle). Check our website for availability).				
37	518480	MOTOR, heater	1	
38	515825	FAN, heater, metal	1	
39	614125	GASKET, matrix to plenum	1	
40	616627	SEAL, large, inlet & outlet pipes	2	
41	613648	SEAL, small, inlet & outlet pipes	2	
42	616206	LID, air box draining	1	
43	713790	ESCUTCHEON, fascia panel	1	To (c) FH50000
44	726870	ESCUTCHEON, fascia panel	1	From (c) FH50001
45	622220	BRACKET, heater vent control	1	
46	GLB286	BULB, 1.2W	1	fits 726870 fascia panel
47	13H8690	BULB HOLDER	1	
48	160022	CLIP & MASK, bulb	1	
49	AF604031	SCREW, escutcheon securing	4	
50	622228	KNOB, with grub screw	1	water valve control
51	622229	KNOB, with grub screw	1	ventilator control
52	624276	LABEL, pull boost	1	
53	620750	SCREW, grub, knob securing	2	
54	622236	CONTROL & FAN SWITCH	1	ventilator
55	622224	SPACER, thick	3	control lever to fascia
56	622237	CONTROL, water valve	1	
57	622235	SPACER, thin	1	
58	GHF101	SCREW, lever control	4	
59	GHF331	WASHER, spring	4	
60	GHF300	WASHER, plain	4	
61	53K1016	SCREW, cable securing	2	
62	24G1482K	TRUNNION KIT, cable securing	2	
63	2H6926	RESISTOR	1	MkIV-1500 to mid 1976
64	AAU9680	RESISTOR	1	1500 from mid 1976
65	625687	CABLE, water valve	1	cut to fit
66	UKC6256	TUBE, PVC water valve cable	1	LHD

Ill.	Part Number	Description	Req.	Details
67	061917	GROMMET, bulkhead	1	
68	GHF1266	CABLE TIE, ratchet type, cable	1	
69	624193	CABLE, ventilator	1	
70	24G1482K	TRUNNION KIT, cable	2	
71	53K1016	SCREW, cable	2	
72	511765	SCREW, ventilator outer cable	1	
73	WL700101	WASHER, spring	1	
74	2H400	CLIP, retaining	1	
75	724021	HEATER TAP	1	
	724021Z	HEATER TAP, aftermarket	1	
76	613493S	BRACKET, heater tap, stainless	1	Smiths heaters
77	724021A	FLANGE, heater tap	1	
	635-268	FLANGE, adaptor kit	1	
78	C9928A	O RING, sealing, tap to flange	1	
79	AJD1052	SCREW*, tap to flange & bracket	2	} machined with 2BA thread
80	WL700101	WASHER, spring	2	
81	AJD8012Z	NUT, plain	2	
*Note: Our new heater tap flanges use 2BA threads, please order hardware detailed above. Some original flanges may have UNF threads. Please check before ordering screws. UNF threads fasteners detailed below.				
79	PMZ316	SCREW, water valve	2	No. 10 UNF thread
80	WL700101	WASHER, spring	2	
81	HN2005	NUT	2	No. 10 UNF thread

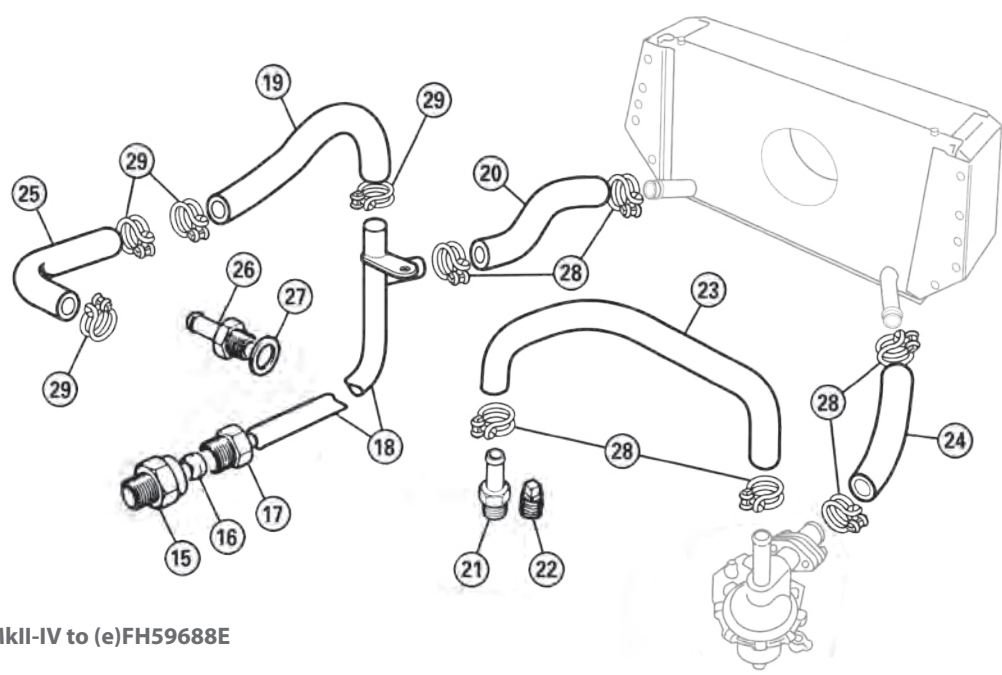
Demister System - All Models

Due to the fitment of a modified heater matrix in mid 1976 the demister system was slightly modified. This led to the introduction of wider diameter demister tubes and new vents. Since Leyland did not specify a change point (perhaps old and new stock were mixed in together for a short period on the production lines) the only way to tell what demister system is fitted is by checking the diameter of the pipes. Spitfires up to mid 1976 used 1.1/2" tubes; Spitfires after mid 1976 incorporated 1.3/4" diameter tubes.

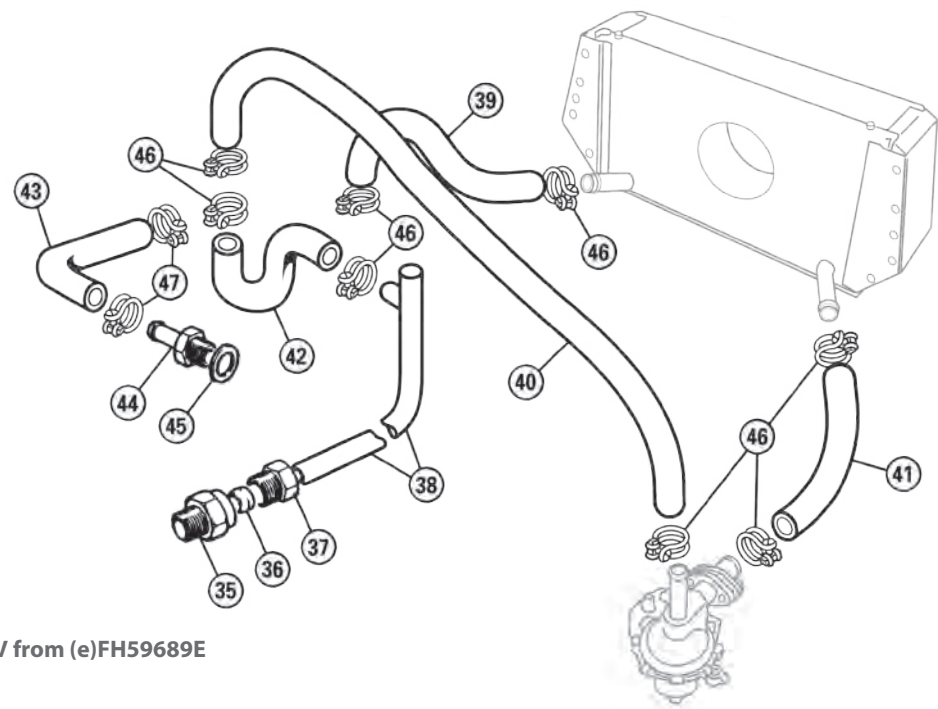
90	706728	VENT, demister, RH	2	MkI-III
	714434	VENT, demister, RH	1	MkIV-1500 to mid 1976
	YKC2640	VENT, demister, RH	1	1500 from mid 1976
91	706728	VENT, demister, LH	2	MkI-III
	714434	VENT, demister, LH	1	MkIV-1500 to mid 1976
	YKC2639	VENT, demister, LH	1	1500 from mid 1976
92	610181	CAPPING, demister vent	2	MkI-III
	622812	CAPPING, demister vent	2	MkIV-1500
93	PWZ203	WASHER, plain	4	all
94	WL700101	WASHER, spring	4	
95	HN2005	NUT	4	
96	602638	HOSE, heater to demister, RH	1	MkI to 1500 mid 1976
	715031	HOSE, heater to demister, RH	1	1500 from mid 1976
97	602638	HOSE, heater to demister, LH	1	MkI to 1500 mid 1976
	715031	HOSE, heater to demister, LH	1	1500 from mid 1976
98	CS4029	CLIP, hose clamping, wire type	4	alternatives
	GHC11055	CLIP, hose clamping, jubilee type	4	



Heater Hoses - Mki



Heater Hoses - MkII-IV to (e)FH59688E



Heater Hoses - MkIV from (e)FH59689E

ill. Part Number Description Req. Details

Heater Hoses

If you own a copy of the Original Triumph/BL parts books (there were a number of versions) you will have noticed that the pipes and hoses shown look nothing like those which are fitted to your car. You may be worried about this, but rest assured that Triumphs highly experienced technical illustrators, whose intricate and detailed work is admired around the world, were very slightly wrong. In fact it's doubtful whether they actually saw any of the components they were drawing (possibly they only looked at prototype samples or sketches). The truth is now clear. That water valve is the correct way up, you have got the correct hoses on your car, they don't connect up the way shown in the factory parts book, and yes, you do have the proper thermostat housing fitted above the water pump!

Water Flow and the Inlet Manifolds

The way in which water was supplied to the heater matrix altered considerably over the years to account for changes in environmental requirements, particularly in the USA. Originally the water reached the heater via an outlet towards the rear of the block. A pipe connected to the water pump, running the length of the block, allowed water to be sucked back into the main cooling system.

The early MkIV's (to (e) FH59688E) were fitted, like the MkIII models, with a water heated manifold allowing the fuel vapour to be heated prior to combustion. This had the effect of needing less choke, but had the unfortunate by-product of allowing a less dense mixture into the combustion chamber. For the technically minded - a less dense mixture 'in', leads to less power 'out'!

On these early MkIV models, water was sucked through the inlet manifold and around into the water pump return pipe to heat the manifold (whether the heater was turned on or not!).

When the heater valve was opened, water was sucked from the rear of the cylinder block through the heater joining up with the inlet manifold water on its way to the pump.

On the later model MkIV from FH59689E, this system was modified so that the supply of water for both the inlet manifold and the heater came only from one source - the thermostat housing. This probably improved flow considerably and, made the inlet manifold even hotter, which in turn probably made the Spitfire even slower. Soon after this Triumph introduced the world to a slow but warm Spitfire 1500.

Heater Hoses - Mki

1	101343	ADAPTOR	1	
		(Water return tube to water pump housing).		
2	TL11	OLIVE, sealing tube	1	
3	101302	NUT, tube, pipe to adaptor	1	
	101302SS	NUT, tube, pipe to adaptor, s/steel	1	
4	209776	TUBE, water return	1	
	209776SS	TUBE, water return, s/steel	1	
5	057602	ADAPTOR, cylinder head to hose	1	
6	614118	HOSE, cylinder head to valve	1	
7	613485	HOSE, valve to heater, short	1	
8	613483	HOSE, heater to water return tube	1	
9	CS4012	CLIP, hose clamping, wire type	6	alternatives
	GHC11020	CLIP, hose clamping, jubilee type	6	

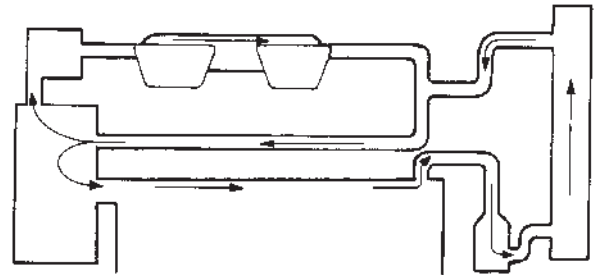
Heater Hoses - MkII - IV to (e) FH59688E

15	101343	ADAPTOR	1	
		(Water return tube to water pump housing).		
16	TL11	OLIVE, sealing tube	1	
17	101302	NUT, tube, pipe to adaptor	1	
	101302SS	NUT, tube, pipe to adaptor, s/steel	1	
18	212416	TUBE, water return	1	except Sweden
	212416SS	TUBE, water return, s/steel	1	
	212935	TUBE, water return	1	Sweden
	212935SS	TUBE, water return, s/steel	1	
19	152521Z	HOSE, inlet manifold to return tube	1	
20	152523	HOSE, heater to water return tube	1	
21	057602	ADAPTOR, cylinder block to hose	1	
22	114774	PLUG, blanking	1	when heater not fitted
23	GZA983	HOSE, cylinder block to water valve	1	except Sweden
	GRH812	HOSE, cylinder block to water valve	1	Sweden
24	GZA1336	HOSE, water valve to heater	1	
	GZA1336X	HOSE, water valve to heater	1	silicone
25	GZA2052Z	HOSE, thermostat to inlet manifold	1	
	GZA2052X	HOSE, thermostat to inlet manifold	1	silicone
26	138530	ADAPTOR, thermostat to hose	1	
27	AUC2141	WASHER, sealing, fibre	1	
28	CS4012	CLIP, hose clamping, wire type	6	alternatives
	GHC11020	CLIP, hose clamping, jubilee type	6	
29	CS4013	CLIP, hose clamping, wire type	4	alternatives
	GHC11022	CLIP, hose clamping, jubilee type	4	

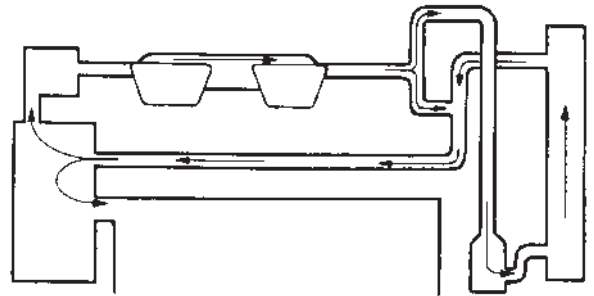
Heater Hoses - MkIV from (e) FH59689E

35	101343	ADAPTOR	1	
		(Water return tube to water pump housing).		
36	TL11	OLIVE, sealing tube	1	

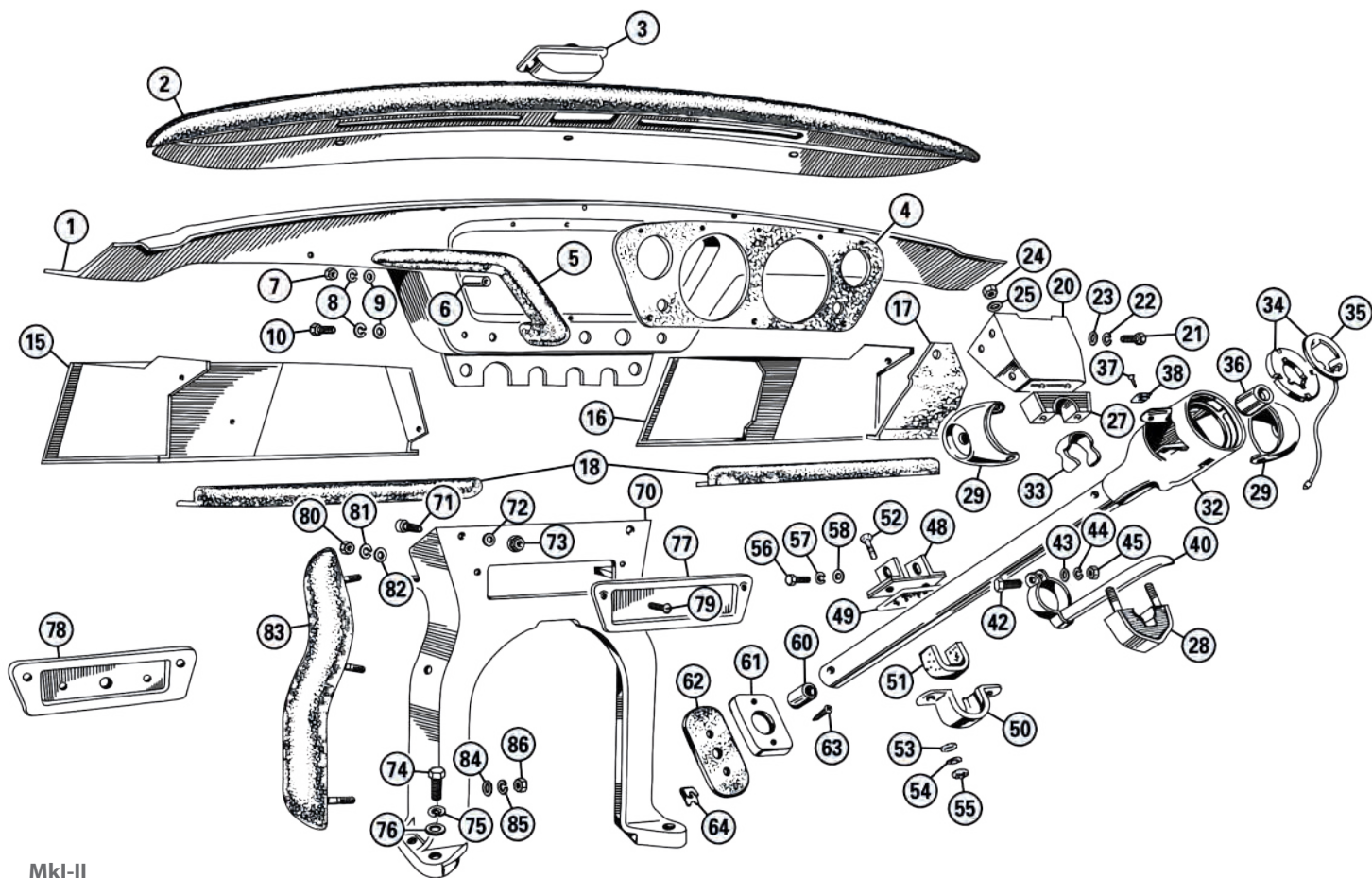
37	101302	NUT, tube, pipe to adaptor	1	
	101302SS	NUT, tube, pipe to adaptor, stainless	1	
38	212935	TUBE, water return	1	
	212935SS	TUBE, water return, stainless	1	
39	152523	HOSE, heater to water return tube	1	
40	GZA983	HOSE, inlet manifold to heater valve	1	
41	GZA1336	HOSE, water valve to heater	1	
	GZA1336X	HOSE, water valve to heater	1	silicone
42	154149	HOSE, inlet manifold to return pipe	1	
43	GZA2052Z	HOSE, thermostat to inlet manifold	1	
	GZA2052X	HOSE, thermostat to inlet manifold	1	silicone
44	138530	ADAPTOR, thermostat to hose	1	
45	AUC2141	WASHER, sealing, fibre	1	
46	CS4012	CLIP, hose clamping, wire type	8	alternatives
	GHC11020	CLIP, hose clamping, jubilee type	8	
47	CS4013	CLIP, hose clamping, wire type	2	alternatives
	GHC11022	CLIP, hose clamping, jubilee type	2	



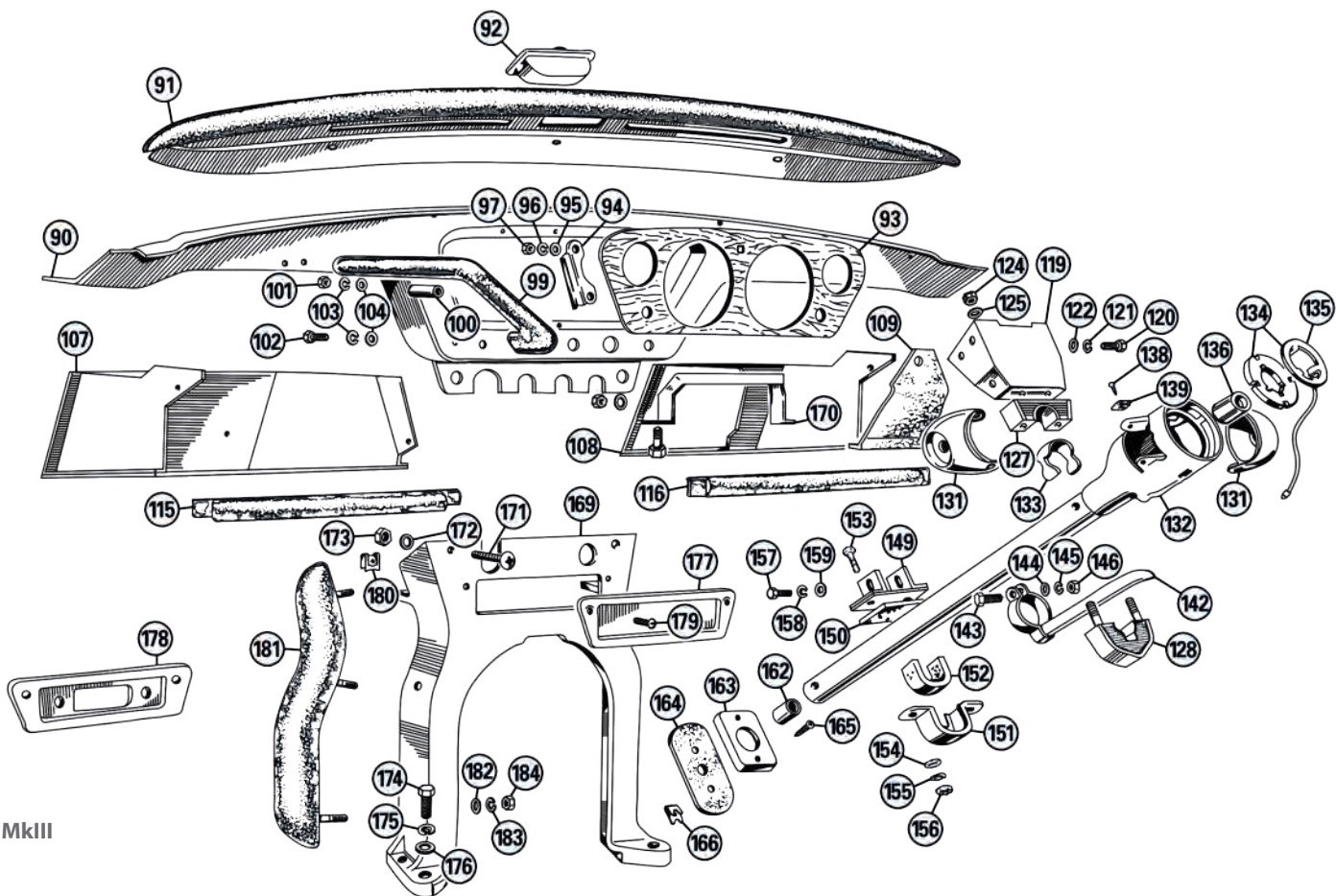
MkII to MkIV FH59688E



MkIV from FH59689E

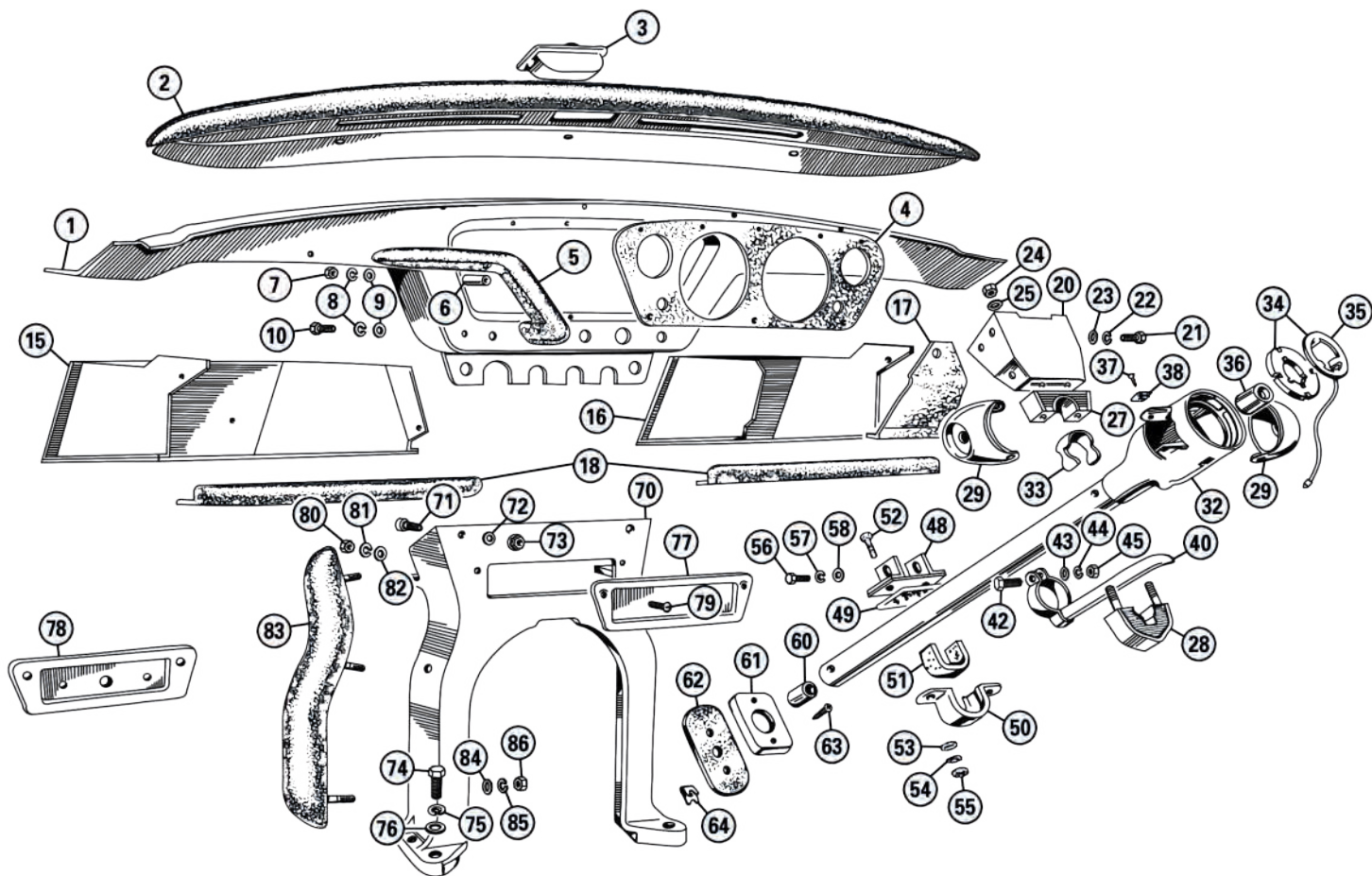


MkII-II

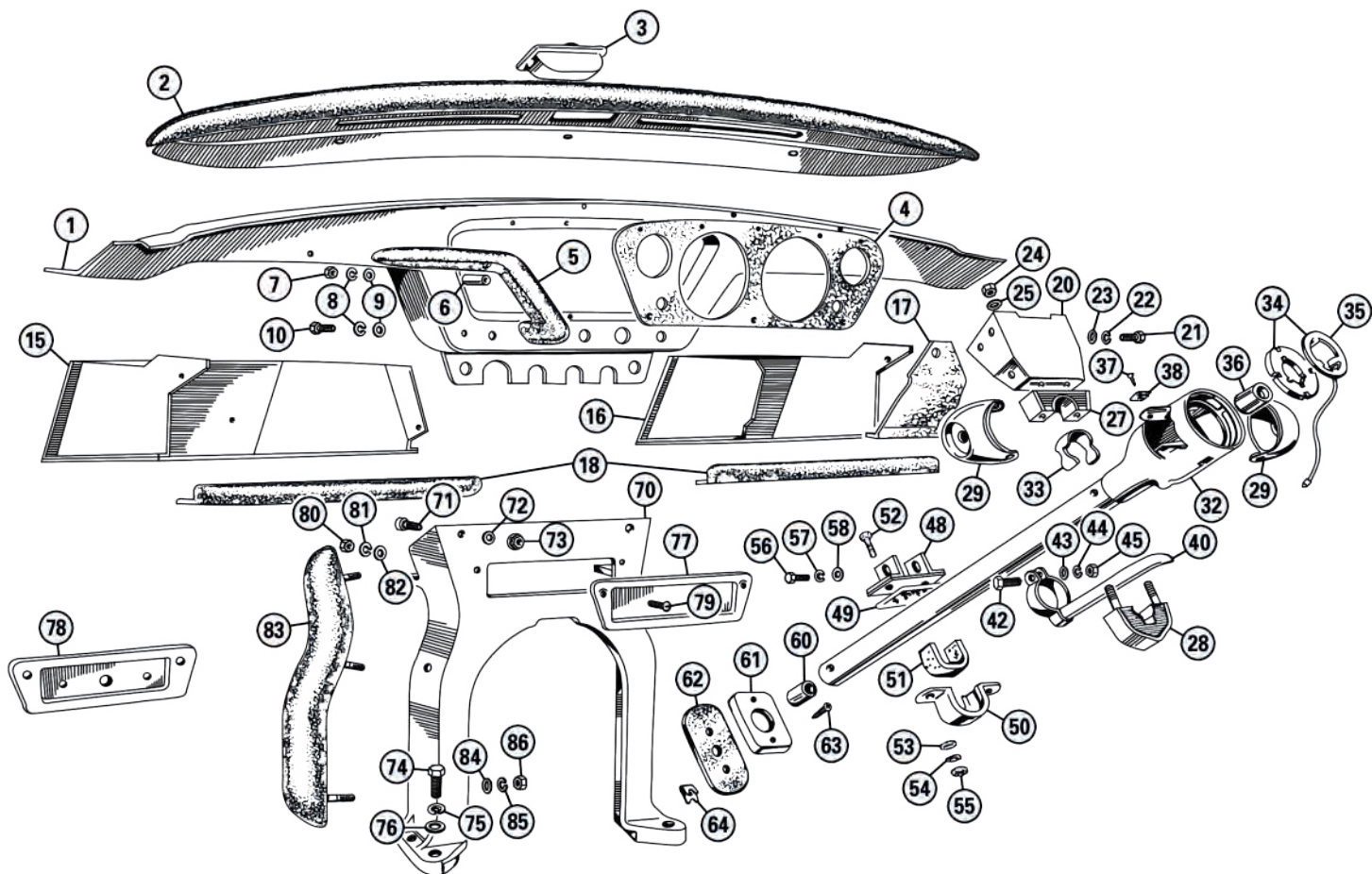


MkIII

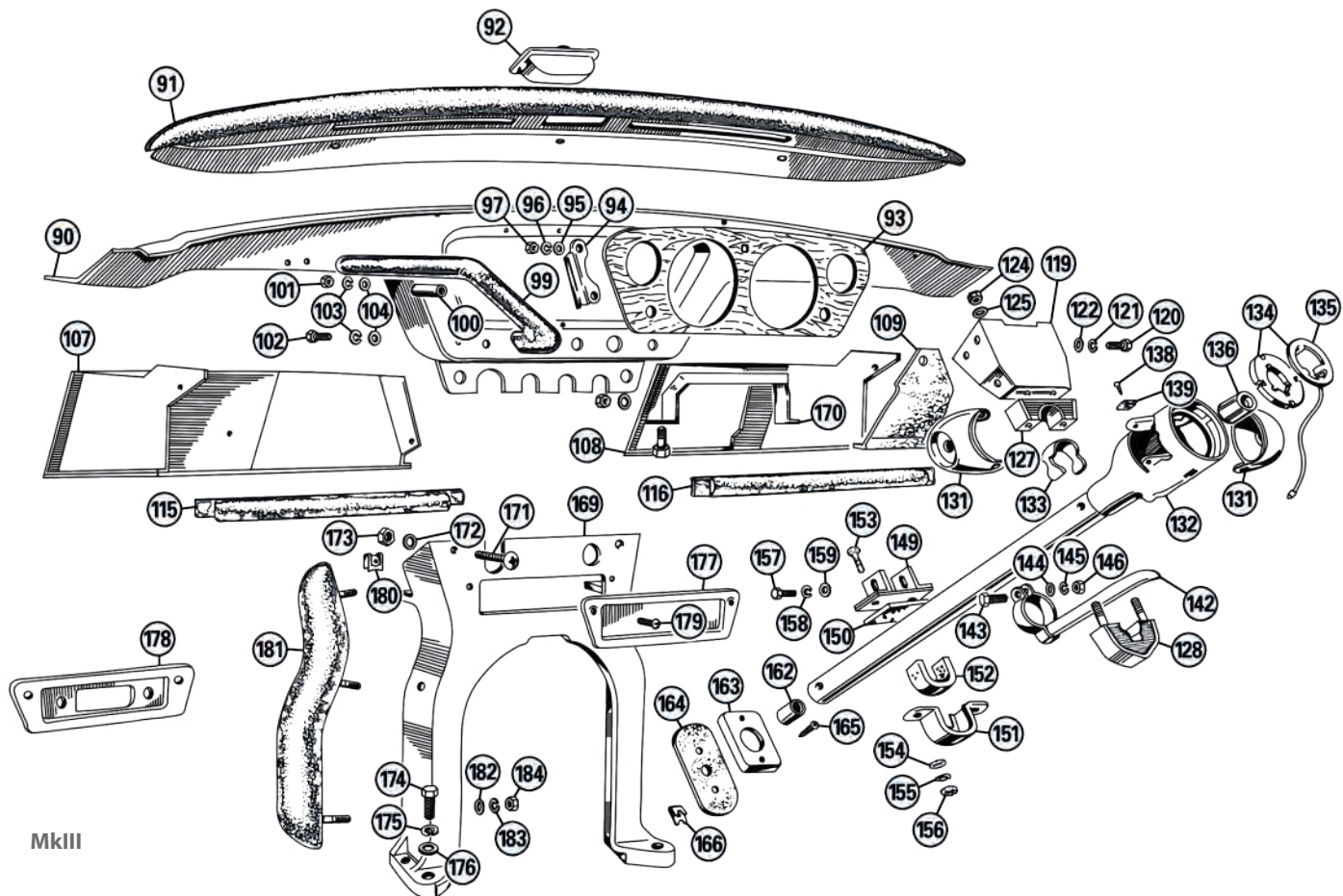
ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
Dash Fascia - Mkl-III									
Mkl-II									
1	706805	ASSEMBLY, fascia panel, RHD	1		24	GHF200	NUT	2	
	706804	ASSEMBLY, fascia panel, LHD	1		25	GHF331	WASHER, spring	2	
NI	612825	BRACKET ASSEMBLY	1	Fascia to steer.column clamp	27	611368	CLAMP, steering column, upper half	1	
NI	603559	CLIP, wiring	4		28	611367	CLAMP, steering column, lower half	1	
NI	617037	COVER, fascia panel, black	1	fitted from (c) FC50001	29	708479	ESCUTCHEON	2	
NI	ANK5046A	CLIP, trim, cover to fascia panel	9	and future	32	611364	ASSEMBLY	1	
2	706569	ASSEMBLY, crash pad, fascia	1			614122	ASSEMBLY, RHD	1	Germany & special
	706569Z	ASSEMBLY, crash pad, fascia	1	aftermarket		611952	ASSEMBLY, LHD	1	orders only
	714482Z	ASSEMBLY, crash pad, fascia	1	MklIII		608136	CHANNEL	1	
NI	HN2005	NUT	5	crash pad assembly	33	609639	SPRING	1	
NI	PWZ203	WASHER, plain	5	to Fascia	34	608462	ASSEMBLY	1	
NI	WL700101	WASHER, spring	5		35	608356	CABLE ASSEMBLY	1	
3	613186	ASHTRAY	1		36	209423	BUSH, steering column, upper	1	
4	209744	PANEL, instrument, RHD	1			209423X	BUSH, steering column, upper	1	polyurethane
	209745	PANEL, instrument, LHD	1	fitted up to (c)	37	AD606033	SCREW, self tapping, chrome	2	alternative to 510273
NI	209746	PANEL, instrument, (U.S.A. & Canada only)	1	FC50000 only		510273	SCREW, self tapping, anodised	2	alternative to 508051
NI	708801	PANEL, instrument, RHD	1		38	FC2803	NUT, spire	2	
NI	708802	PANEL, instrument, LHD	1	fitted from (c) FC50001	40	611369	COVER, harness assembly	1	
NI	708803	PANEL, instrument, (U.S.A. & Canada only)	1	and future	42	TP0504	SCREW	1	
NI	511696	SCREW, set	6	securing instrument panel	43	PWZ203	WASHER, plain	1	
NI	GHF712	NUT, spire	6	to Fascia	44	WL700101	WASHER, spring	1	
5	706912	HANDLE, grab assembly	1	fitted up to (c)	45	HN2005	NUT	1	
				FC50000 only	48	612900	ASSEMBLY, support bracket,	1	
				fitted from (c) FC50001	49	608222	STRIP, felt, body	1	
				and future	50	608185	CLAMP, support bracket	1	
6	613599	TUBE, spacer	1		51	608223	STRIP, felt, clamp	1	
7	GHF200	NUT	1		52	HB0704	BOLT	2	lower
8	GHF331	WASHER, spring	3		53	GHF314	WASHER	2	lower
9	GHF300	WASHER, plain	2	grab handle attachment	54	GHF331	WASHER	2	lower
	613941	WASHER, special	2		55	GHF200	NUT	2	
10	SH604041	SCREW, set	2		56	SH604051	SCREW	2	
15	807074	TRAY, parcel, LH, RHD	1		57	GHF331	WASHER, spring	2	
	807075	TRAY, parcel, LH, LHD	1		58	GHF300	WASHER, plain	2	
16	807072	TRAY, parcel, RH, RHD	1		60	209423	BUSH, steering column, lower	1	
	807073	TRAY, parcel, LH, LHD	1			209423X	BUSH, steering column, lower	1	polyurethane
17	706771	PANEL, filler, RHD	1		61	601597	PLATE, retaining	1	
NI	706772	PANEL, filler, LHD	1		62	613466	PAD, sealing, rubber	1	
NI	HU704X	SCREW, set	1		63	YF7464	SCREW, sealing pad attachment	2	self tapping
NI	GHF331	WASHER, spring	1		64	GHF701	NUT, spire	2	
NI	GHF314	WASHER, plain	1			621332	BRACKET	1	required when locking steering column is fitted. Germany and special orders only
NI	GHF200	NUT	1		70	806869	BRACKET	1	fitted up to body FC3686
NI	SH604051	SCREW, set	1			807533	BRACKET	1	fitted from body FC3687
NI	GHF200	NUT	1			614114	BRACKET	1	and future
NI	GHF331	WASHER, spring	1		71	511479	SCREW, set	2	
NI	WM57	WASHER, plain	2		72	WM57	WASHER, plain	2	
NI	SH604051	SCREW, set	1		73	GHF221	NUT, nylon	2	
NI	GHF200	NUT	1		74	511930	SCREW, set	4	
NI	GHF331	WASHER, spring	1		75	512106	WASHER, spring	4	
NI	GHF300	WASHER, plain	2		76	WA108052	WASHER, plain	4	
18	709693	SUPPORT ASSEMBLY, RHD	1	fine grain, alternative to	77	613595	COVER PLATE, radio aperture	1	
NI	709692	SUPPORT ASSEMBLY, LHD	1	706925 & 706924	78	613594	COVER PLATE, radio aperture	1	for U.S.A. and Canada up to
NI	706925	SUPPORT ASSEMBLY, RHD	1	coarse grain, alternative		CD17769	PLUG, rubber	2	(c) FC15212 only
NI	706924	SUPPORT ASSEMBLY, LHD	1	to 709693 & 709692		CD25672	PLUG, rubber	1	
NI	509356	SCREW, self tapping	4	securing tray to dash front		CFP625	PLUG, plastic	1	alternative to CD25672
NI	WP4	WASHER, plain	4	securing tray to dash front		614599	PLATE, radio, front mounting	1	for U.S.A. and Canada from
NI	FU25648	NUT, spire, securing tray to dash front	4		79	511664	SCREW, set, securing cover plate	2	(c) FC15213 and future
NI	509161	SCREW, self tapping	2	securing tray to Fascia support	80	HN2005	NUT, securing cover plate	2	FC15212 only
NI	WP4	WASHER, plain	2	securing tray to Fascia support	81	WL700101	WASHER, spring	2	fitted up to (c)
NI	GHF701/9	NUT, spire	2	securing tray to Fascia support	82	WP5	WASHER, plain	2	
NI	HU505	SCREW, set	1			FZ64044	NUT, retainer	2	fitted from (c) FC15213
NI	53K126	SCREW, set	3	alternative to fixings below					and future
NI	WP5	WASHER, plain	8	rail and Fascia support	83	706920	ASSEMBLY	2	
NI	WL700101	WASHER, spring	4	rail and Fascia support	84	HN2005	NUT	6	
NI	HN2005	NUT	4		85	505307	WASHER, spring	6	
NI	509161	SCREW	3		86	GHF306	WASHER, plain	6	
NI	WP4	WASHER, plain	3		MklIII				
NI	FU2544/9	NUT, spire	3		90	706805	ASSEMBLY, RHD	1	
NI	HU506	SCREW, set	2			706804	ASSEMBLY, LHD	1	
NI	HU505	SCREW, set	3			612825	ASSEMBLY, bracket	1	
NI	WP5	WASHER, plain	10	alternative to fixings above		603559	CLIP, wiring	4	
NI	WL700101	WASHER, spring	5			908124	ASSEMBLY, LHD	1	
NI	HN2005	NUT	5			622220	ASSEMBLY, bracket	1	U.S.A. only fitted from
NI	563032	BACKPLATE	3	(support)		603559	CLIP, wiring	4	(c) FDU31254
NI	565756	CAP	3	(support)		617037	COVER, black	1	
NI	509356	SCREW	3	self tapping		709691	BRACKET	1	
NI	WP4	WASHER, plain	3			ANK5046A	CLIP, trim	9	
NI	FU2544/9	NUT, spire	3		91	706569	ASSEMBLY	1	fitted up to (c) FD23511 approx.
20	612704	ASSEMBLY, mounting bracket	1						LHD & FD16481 RHD
21	SH604051	SCREW, set	4			714482	ASSEMBLY	1	fitted from (c) FD23512 approx.
22	GHF331	WASHER, spring	4			714482Z	ASSEMBLY, aftermarket	1	LHD & FD16482 RHD
23	GHF314	WASHER, plain	4						



iii.	Part Number	Description	Req.	Details	iii.	Part Number	Description	Req.	Details
NI	HN2005	NUT, crash pad assembly to Fascia	5		NI	FU25648	NUT, spire	4	
NI	PWZ203	WASHER, plain	5		NI	509161	SCREW, self tapping	1	
NI	WL700101	WASHER, spring	5		NI	WP4	WASHER, plain	1	
NI	813351	ASSEMBLY	1	U.S.A. only. fitted from	NI	FU25648	NUT, spire	1	
NI	HN2005	NUT	6	(c) FDU31254	NI	HU506	SET SCREW, RH	2	
NI	WP124	WASHER, plain	6		NI	HU505	SET SCREW, LH	3	
NI	WL700101	WASHER, spring	6		119	612704	ASSEMBLY, mounting bracket	1	fitted to all RHD models but only up to (c) FD9283 for LHD models.
92	613186	ASHTRAY	1						
93	712830	PANEL	1			622725	ASSEMBLY, mounting bracket, LHD	1	fitted to LHD vehicles from (c) FD9284 and future Germany only
94	621472	BRACKET	2						
95	GHF306	WASHER, plain	4			628413	ASSEMBLY, mounting bracket, LHD		
96	WL700101	WASHER, spring	4		120	SH604051	SCREW, set	4	
97	HN2005	NUT	4		121	GHF331	WASHER, spring	4	
NI	910361	ASSEMBLY, facing, Fascia, RH	1		122	GHF314	WASHER, plain	4	
NI	618505	ASSEMBLY, stud plate	1	U.S.A. only. fitted from	124	GHF200	NUT, upper and lower clamp halves to mounting bracket	2	U.S.A. not required from (c) FDU31254
NI	618487	PLATE, attachment, facing, RH	1	(c) FDU31254			WASHER, spring	2	not requird in all other markets when locking steering column fitted from (c) FD75001
NI	516762	WOODSCREW, round head	4		125	GHF331			
NI	TW602	WOODSCREW, flat countersunk	2		NI	GHF221	NUT	2	
NI	910351	ASSEMBLY, facing	1		NI	GHF300	WASHER, plain	2	required when locking steering column fitted from (c) FD75001 (all markets except U.S.A.)
NI	622222	PLATE	1		NI	154181	SHROUD, nut, over nyloc nut	2	
NI	516762	WOODSCREW	2		NI	BH604201	BOLT	2	U.S.A. only fitted from (c) FDU31254 up to (c) FDU75000
NI	910341	ASSEMBLY, facing, Fascia, LH	1	U.S.A. only. fitted from (c) FDU31254 up to (c) FDU75000	NI	518635	SCREW	2	U.S.A. only fitted from (c) FDU75001, alternative to 155086
NI	629181	ASSEMBLY, facing, Fascia, LH	1	U.S.A. only. fitted from (c) FDU75001	NI	155086	SCREW, socket	2	U.S.A. only fitted from (c) FDU75001, alternative to 518635
NI	618505	ASSEMBLY, stud plate	1		Note: Used in pairs, 155086 should be supplied for all replacements				
NI	622223	WASHER, plate, screen washer	1		NI	GHF300	WASHER, plain	2	U.S.A. only fitted from (c) FDU75001
NI	622230	PLATE, retaining, hazard switch	1		NI	620547	PLATE, tapped	1	U.S.A. only fitted from (c) FDU31254
NI	618486	PLATE, attachemtn, facing, LH	1		127	611368	CLAMP, steering column, upper half	1	
NI	516762	WOODSCREW, round head	4		128	611367	CLAMP, steering column, lower half	1	
NI	TW602	WOODSCREW, flat countersunk	4	U.S.A. only. fitted from (c) FDU31254	131	708479	ESCUTCHEON, flasher & lighting switch	2	
NI	HN2005	NUT, side panels	3		132	611364	ASSEMBLY, steering column cowl	1	fitted up to (c) FD/FDU75000
NI	WL700101	WASHER, spring, side panels,	3			154177	ASSEMBLY, steering column cowl	1	fitted from (c) FD/FDU75001
NI	PWZ203	WASHER, plain, side panels	3		Note: 154177 may be used instead of 611364 for all replacements				
NI	53K126	SET SCREW, side panels	3		NI	614122	ASSEMBLY, locking, RHD	1	Germany & when locking steering device is fitted up to comm no. FD/FDU75000
NI	517711	WASHER, cup	4		NI	611952	ASSEMBLY, locking, LHD	1	
NI	AD608084	SCREW, self tapping	4		134	608462	ASSEMBLY, slip ring & insulator	1	
NI	FU2585	NUT, spire	4		135	608356	ASSEMBLY, cable, slip ring	1	
NI	627633	PLATE, fixing, choke control	1	U.S.A. only. fitted from (c) FDU75001	NI	608462	INSULATOR, slip ring	1	no longer available individually
NI	812991	ASSEMBLY, padding, lower Fascia, RH	1		136	209423	BUSH, steering column, upper	1	
NI	813281	ASSEMBLY, padding, lower Fascia, LH	1			209423X	BUSH, steering column, upper	1	polyurethane
NI	GHF701	NUT, spire, RHD	4		138	510273	SCREW, self tapping	2	
NI	AB606031	SCREW, self tapping, RHD	4		139	FC2803/9	NUT, spire	2	not required when locking steering device is fitted
NI	WP4	WASHER, plain, RHD	4		142	611369	ASSEMBLY, harness cover	1	
NI	516762	WOODSCREW, RHD	3		NI	609629	CLIP, harness cover	1	
NI	627318	BRACKET, interior lamp	1	U.S.A. only from comm no. FDU31254	NI	608183	COVER, harness	1	Germany and when locking steering device is fitted up to (c) FD/FDU75000
99	708633	ASSEMBLY, handle, grab	1		NI	154833	COVER, harness	1	when locking steering column fitted from (c) FD/FDU75001
100	613599	TUBE, spacer	1		143	TP0504	SCREW, set	1	
101	SH604041	SCREW, set	2		144	PWZ203	WASHER, plain	1	
102	GHF200	NUT	1		145	WL700101	WASHER, spring	1	
103	GHF331	WASHER, spring	3		146	HN2005	NUT	1	
104	GHF300	WASHER, plain	1		NI	621332	BRACKET	1	
	613941	WASHER, special	2		NI	609269	CLIP	2	only required when locking steering device is fitted up to (c) FD/FDU75000
107	807074	TRAY, parcel shelf, LH, RHD	1		NI	TP0504	SCREW, set	2	
	807075	TRAY, parcel shelf, LH, LHD	1		NI	WL700101	WASHER, spring	2	
108	807072	TRAY, parcel shelf, RH, RHD	1		NI	PWZ203	WASHER, plain	2	
	807073	TRAY, parcel shelf, RH, LHD	1		NI	HN2005	NUT, harness cover attachment	2	
	809918	TRAY, parcel shelf, LH, LHD	1	U.S.A. only from comm no. FDU31254	NI	149698	TUBE, distance, black, PVC	1	
109	706771	PANEL, filler, RHD	1		NI	147912	STRAP, anti torque	1	
NI	706772	PANEL, filler, LHD	1		NI	147951	BOLT	1	
NI	SH604041	SCREW, set,	1		NI	WM816	WASHER, plain	2	
NI	GHF331	WASHER, spring	1		NI	154173	STRAP, anti torque assembly	1	U.S.A. only. fitted from comm no. FDU75001 up to FDU
NI	GHF314	WASHER, plain	1		NI	155402	STRAP, anti torque assembly	1	required when locking steering device is fitted from comm no FD75001 up to FDU. all markets except U.S.A.
NI	GHF200	NUT	1						
NI	SH604051	SCREW	1						
NI	GHF331	WASHER, spring	1						
NI	WM57	WASHER, plain	2						
NI	GHF200	NUT, filler panel mounting bracket	1						
NI	SH604051	SCREW, set	1						
NI	GHF200	NUT	1						
NI	GHF331	WASHER, spring	1						
NI	GHF300	WASHER, plain	2						
NI	606389	CLIP, parcel tray side to bottom	3	only required when locking steering column is fitted					
	603811	CLIP	1						
115	709692	ASSEMBLY, LH	1						
116	709693	ASSEMBLY, RH	1						
NI	509161	SCREW, self tapping	4						
NI	WP4	WASHER, plain	4						

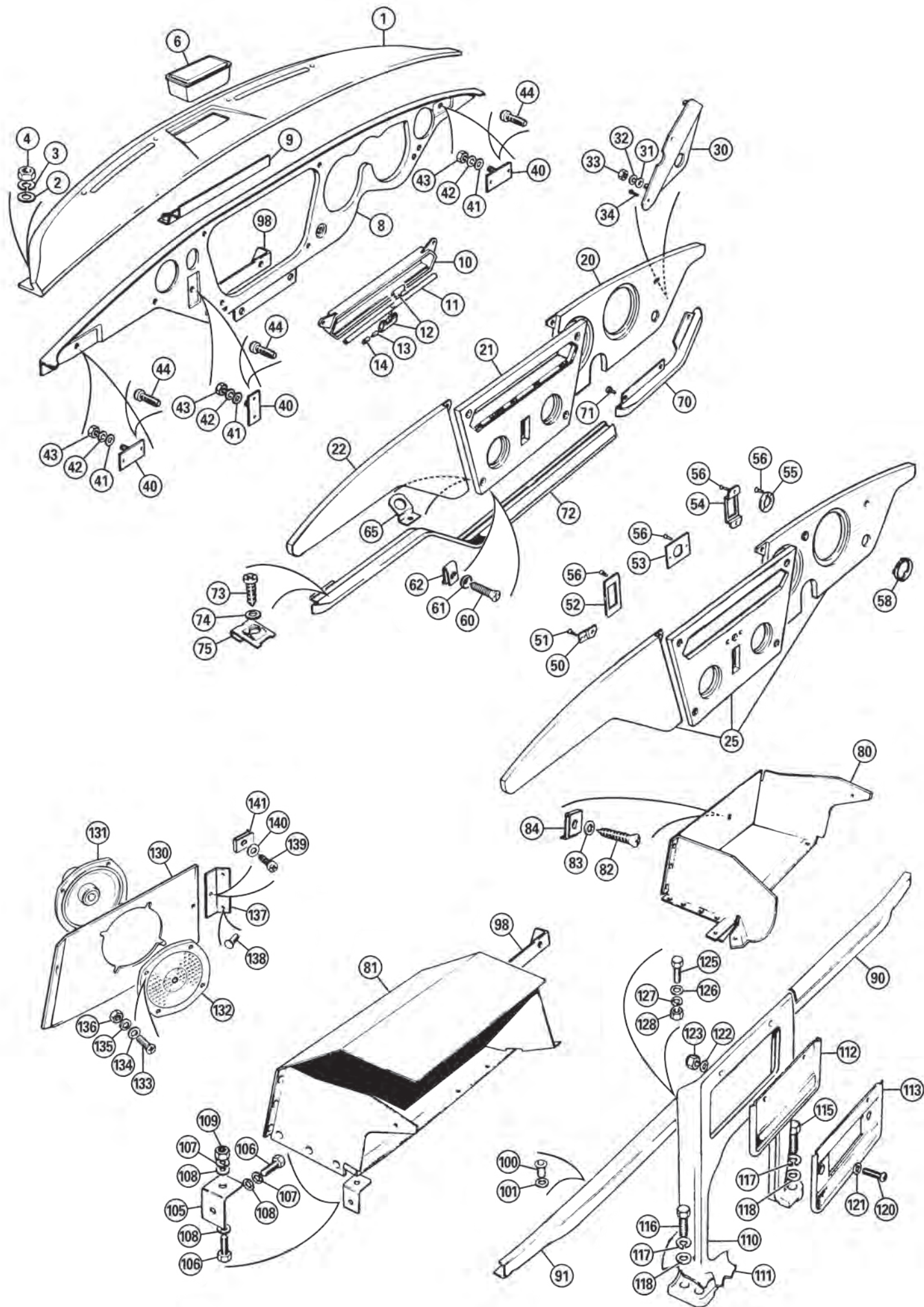


MkII-II



MkIII

ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
NI	154977	TUBE, anti torque assembly	1	U.S.A. only. fitted from comm no. FDU					
NI	54980	NCA TUBE, anti torque assembly	1	req. when locking steering device is fitted from (c) all markets except U.S.A.					
NI	154180	COVER, ignition key	1	req. when locking steering device is fitted from (c) FD/ FDU75001					
149	612900	ASSEMBLY, lower	1	not req. for locking steering column from (c) FD/ FDU75001					
	628402	ASSEMBLY, lower	1	req. when locking steering column fitted from (c) FD/ FDU75001					
150	608222	STRIP, felt	1						
151	608185	CLAMP, lower	1						
152	608223	STRIP, felt	1						
	628409	STRIP, felt, support bracket, clamp	1	req. when locking steering column fitted from (c) FD7501. all markets except U.S.A.					
	623490	STRIP, felt	1	U.S.A. only. fitted from					
	623491	STRIP, felt	1	(c) FDU31254					
153	GHF117	BOLT, lower	2						
154	GHF314	WASHER, plain, lower	2						
155	GHF331	WASHER, spring, lower	2						
156	GHF200	NUT, lower	2						
157	GHF117	SCREW, set	2						
158	GHF331	WASHER, spring	2						
159	GHF300	WASHER, plain	2						
162	209423	BUSH, steering column, lower	1						
	209423X	BUSH, steering column, lower	1	polyurethane					
163	601597	PLATE	1						
164	613466	PAD, sealing, rubber, steering column	1						
165	YF7464	SCREW, self tapping	2						
166	GHF701/9	NUT, spire	2						
NI	154246	TUBE, distance	1	France and Sweden only. fitted from (c) FD75001					
NI	155038	TUBE, distance	1	U.S.A. only. fitted from (c) FDU75001					
NI	716967	TIE-BAR, LHD	1						
NI	GHF117	SET SCREW, outer tie-bar attachment	2	U.S.A. only. fitted from					
NI	GHF300	WASHER, plain	2	(c) FDU31254					
NI	GHF331	WASHER, spring	2						
NI	GHF200	NUT	2						
169	807533	BRACKET, support	1						
170	614114	BRACKET	1						
171	511479	SCREW, set	2						
172	WM57	WASHER, plain	2						
173	GHF221	NUT, nyloc	2						
174	511930	SCREW, set	4						
175	512106	WASHER, spring	4						
176	WA108052	WASHER, plain	4						
177	613595	PLATE, cover, radio aperture	1						
178	614599	PLATE, front, radio mounting	1	U.S.A. & Canada					
179	511664	SCREW, set	2						
180	FX3408/4	NUT, retainer	2						
	709842	PLATE, cover, radio aperture	1	U.S.A. only. fitted from comm no. FDU31254					
181	706920	ASSMBLY, trim roll	2						
182	GHF306	WASHER, plain	6						
183	505307	WASHER, spring	6						
184	HN2005	NUT	6						



ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------

Dash & Fascia Panels - MkIV-1500

Crash Panel & Fascia Panels

1	815281Z	CRASH PAD, dash top	1	
2	WP124	WASHER, plain	6	
3	WL700101	WASHER, spring	6	
4	HN2005	NUT	6	
6	613186	ASHTRAY, black	1	
8	910961	FASCIA PANEL, RHD	1	
	910962	FASCIA PANEL, LHD	1	
9	622220	BRACKET, heater vent control	1	
10	713790	ESCUTCHEON, fascia panel	1	MkIV to (c) FH50000
	726870	ESCUTCHEON, fascia panel	1	
11	160020	STRIP, illuminated strip	1	MkIV-1500
12	160022	CLIP & MASK, bulb securing	1	from (c) FH50001
13	GLB286	BULB, 1.2W	1	
14	13H8690	BULB HOLDER	1	

Dashboards

One of the nicest parts of your classic is (or should be) the dashboard. Let's face it; both driver and passenger spend enough time looking at it! The wooden, veneered dashboard panels used in Triumphs of the sixties and seventies tend to suffer from exposure to the elements which can lead to fading & cracking lacquer and lifting veneer. Damaged dashboards can be easily replaced with one of our high quality, real wood veneer panels. For those looking for originality the crown cut (straight grain) walnut is the right choice. If you are looking for something more luxurious then the burr walnut version is for you.

Black Panels MkIV to (c) FH50000

20	912891	DASH FASCIA, RH	1	RHD
	912901	DASH FASCIA, RH	1	LHD
21	912911	DASH FASCIA, centre	1	RHD
	715911	DASH FASCIA, centre	1	LHD
	715921	DASH FASCIA, centre	1	LHD
				all markets where dual braking system is fitted
22	815401	DASH FASCIA, LH	1	RHD
	815411	DASH FASCIA, LH	1	LHD

Veneered Panels MkIV from (c) FH50001 to (c) FH64995

25	918230	DASHBOARD, crown matt	1	RHD
	918230BG	DASHBOARD, burr gloss	1	
	824540	DASHBOARD	1	RHD, BAOR
	918210	DASHBOARD, crown matt	1	LHD
	918210BG	DASHBOARD, burr gloss	1	
	918220	DASHBOARD	1	LHD, dual braking

Veneered Panels, RHD, 1500 from FH75001

WKC2100	DASHBOARD, crown matt	1	to (c) FH100020
WKC2100BG	DASHBOARD, veneered, burr gloss	1	
WKC3390	DASHBOARD, crown matt	1	from (c) FH100021
WKC3390BG	DASHBOARD, burr gloss	1	
WKC4190	DASHBOARD	1	UK (c) FH130001 to VIN 001197
			BAOR, Australia to (c) FH130000
WKC5130	DASHBOARD	1	UK from VIN 001198

Veneered Panels, LHD 1500 from FH75001

WKC2110	DASHBOARD	1	N, CH, D, F
WKC2120	DASHBOARD	1	without dual braking or seat belt warning
WKC2130	DASHBOARD, crown matt	1	with dual braking
WKC2130BG	DASHBOARD, burr gloss	1	or seat belt warning
WKC3410	DASHBOARD, crown matt	1	from (c) FH100020
WKC3410BG	DASHBOARD, burr gloss	1	

Fittings (Fascia Panel)

30	715879	PLATE, reinforcement	1	RHD to (c) FH50000
	715880	PLATE, reinforcement	1	LHD to (c) FH50000
31	PWZ203	WASHER, plain	2	
32	PMZ204	WASHER, spring	2	
33	HN2005	NUT	2	
34	576669	SCREW, self tapping	1	
40	618505	STUD, fascia fixing*	3	
41	PWZ203	WASHER, plain	3	
42	WL700101	WASHER, spring	3	
43	HN2005	NUT	3	
44	576669	SCREW, self tapping	6	black dash
	TW602	SCREW*	6	veneered
	AF604031	SCREW*	2	dash
50	618486	PLATE, fascia fixing, LH*	1	
	618487	PLATE, fascia fixing, RH*	1	
51	TW602	SCREW*	4	
52	622222	PLATE, hazard switch retaining*	1	RHD
53	632987	PLATE, hazard light retaining*	1	RHD, BAOR only

ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------

54	622230	PLATE, hazard switch retaining*	1	LHD only
55	622223	PLATE, windscreen wiper switch*	1	
56	516762	SCREW*	a/r	

*Note: These items are supplied with the veneer kits where applicable.

58	ZKC1130	BEZEL, hazard warning switch	1	
60	AD608103	SCREW, self tapping, chrome	4	fascia panel
	AD608084	SCREW, self tapping, black	4	
61	CD24152	WASHER, cup, chrome	4	
	517711	WASHER, cup, black	4	
62	FU2585	SPIRE NUT	4	
65	627318	BRACKET, interior light	1	

Crash Pad - Lower

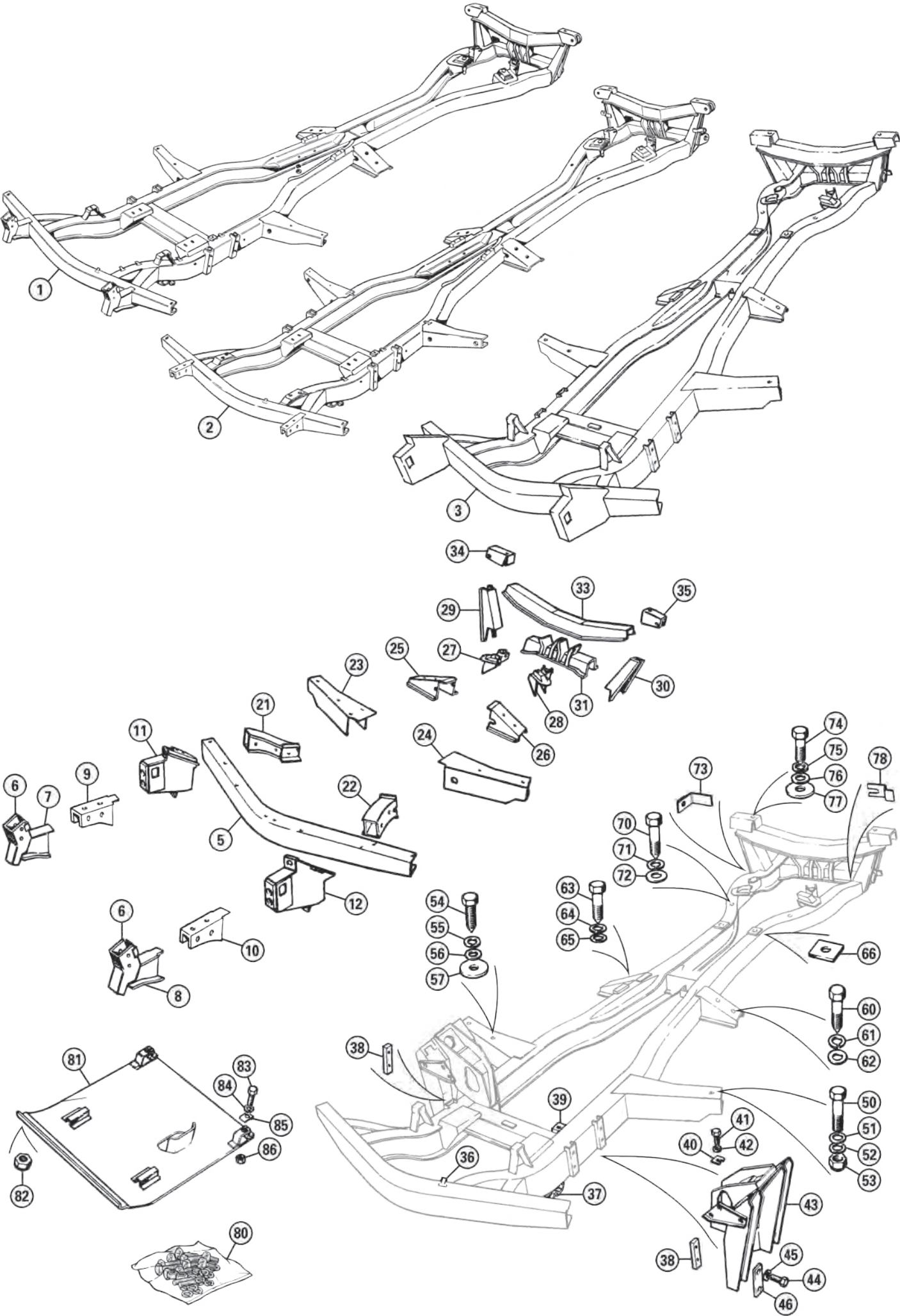
70	813271	CRASH PAD, lower fascia, RH	1	RHD
	813281	CRASH PAD, lower fascia, LH	1	LHD
71	YB1142	SCREW, padding securing	3	
72	812981	CRASH PAD, lower fascia, LH	1	RHD
	812991	CRASH PAD, lower fascia, RH	1	LHD
73	GHF421	SCREW, padding securing	4	
74	WP4	WASHER, plain	4	
75	GHF701	SPIRE NUT	4	

Parcel Trays & Centre Console

80	813745	GLOVE BOX, driver's side, RH	1	RHD
	813746	GLOVE BOX, driver's side, LH	1	LHD
81	813753	GLVOE BOX, passenger's side, LH	1	RHD
	813754	GLOVE BOX, passenger's side, RH	1	LHD
82	509161	SCREW, glove box securing	4	black dash
	AD608054	SCREW, glove box securing	4	veneered dash
83	WP4	WASHER, plain	4	
84	FU25648	SPIRE NUT	4	
90	709693	SUPPORT, RH	1	black dash
	728641	SUPPORT, RH	1	veneered dash to (c) FH113677
	YKC3328PA	SUPPORT, RH	1	veneered dash from (c) FH113678
91	709692	SUPPORT, LH	1	black dash
	728631	SUPPORT, LH	1	veneered dash to (c) FH113677
	YKC3327PA	SUPPORT, LH	1	veneered dash from (c) FH113678
98	709691	BRACKET, glove box	1	
100	565756	RIVET CAP, bracket, glove box	3	
101	563032	RIVET, tubular, bracket, glove box	3	
105	630278	BRACKET, angle, glove box support	2	
106	HU505	SCREW, angle support	5	
107	WL700101	WASHER, spring	5	
108	PWZ203	WASHER, plain	8	
109	HN2005	NUT	3	
110	WKC3621PA	BRACKET, fascia & radio housing	1	
111	TKP71910	COVER, fascia bracket	1	vinyl only
112	709842	BLANKING PLATE, radio aperture	1	when radio not fitted
113	709843	PLATE, radio mounting	1	when radio fitted
115	516288	SCREW, domed head	2	console to floor, front
	SH605091	SCREW, standard head	2	(alternatives)
116	511930	SCREW, domed head	2	console to floor, rear
	SH605101	SCREW, standard head	2	(alternatives)
117	GHF332	WASHER, spring	4	
118	WA108052	WASHER, plain	4	
120	515279	SCREW, support bracket	2	
121	WM57	WASHER, plain	2	
122	WC106041	WASHER, plain	2	
123	GHF221	NUT, nylon	2	
125	HU506	SCREW, support bracket	2	
126	PWZ203	WASHER, plain	4	
127	WL700101	WASHER, spring	2	
128	HN2005	NUT	2	speaker fittings
130	YKC2488	SPEAKER SHELF, RHD	1	for fitting one speaker
	YKC288	SPEAKER SHELF, LHD	1	in glove box only
131	YKC2845	SPEAKER	a/r	
132	ZKC412	GRILLE, speaker	a/r	
133	RMP2312	SCREW, speaker securing	4	
134	PWZ203	WASHER, plain	4	
135	WL700101	WASHER, spring	4	
136	HN2005	NUT	4	
137	ZKC517	BRACKET	1	
138	RB5504	RIVET	2	
139	GHF424	SCREW, self tapping	1	
140	517783	WASHER, plain	1	
141	GHF712	NUT, spire	1	

BAOR = British Army on the Rhine

For British Servicemen stationed in Germany, Triumph exported special BAOR specification (Righthand Drive) models with the necessary extras to get through the German safety requirements. Some of these cars may well have returned to Britain.

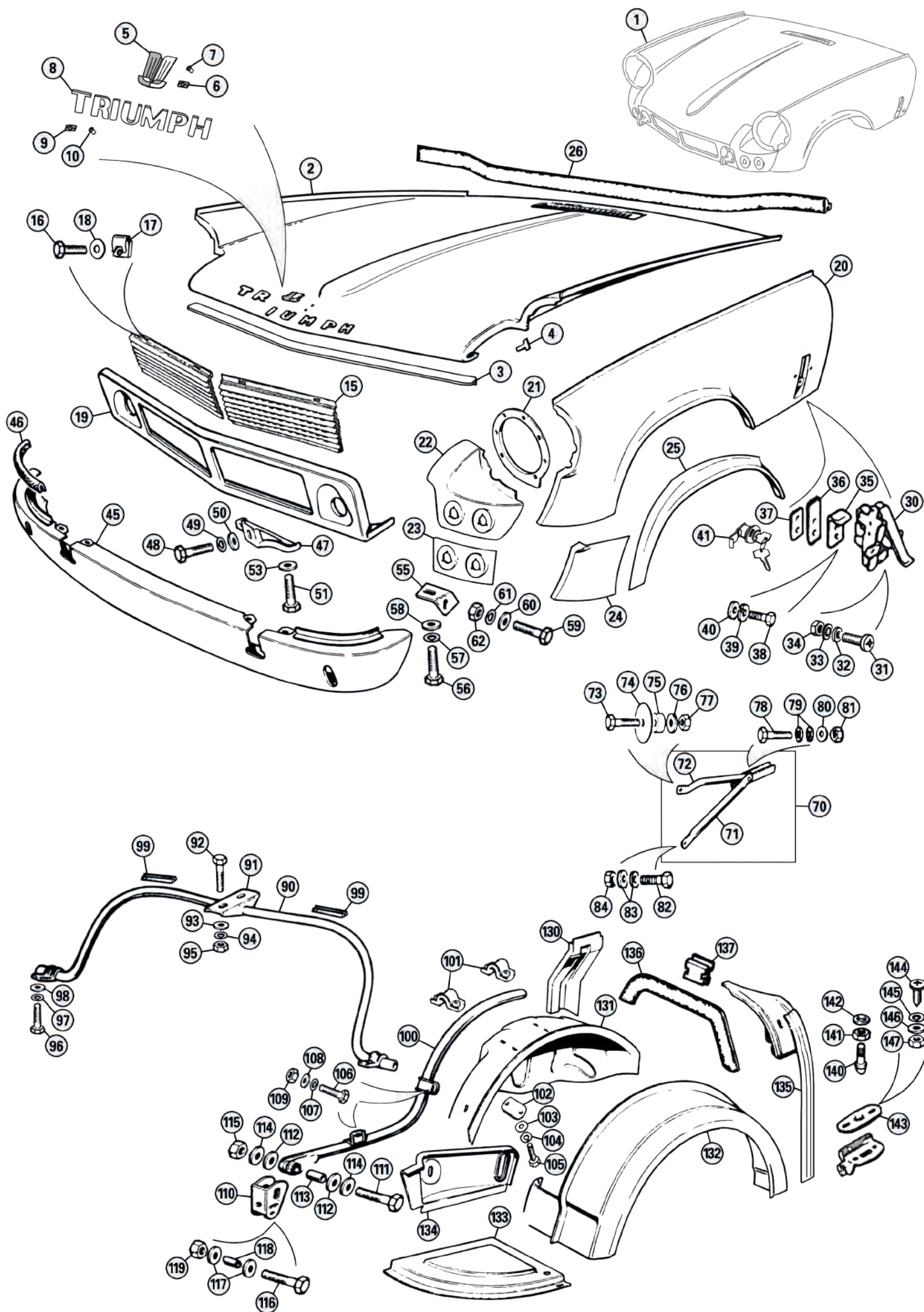


ill.	Part Number	Description	Req.	Details
Chassis Frame				
1	401981	CHASSIS FRAME	1	MkI-II
2	402611	CHASSIS FRAME	1	MkIII
3	403066	CHASSIS FRAME	1	MkIV to (c) FH60000
	PKC58	CHASSIS FRAME	1	MkIV from (c) FH60001
	PKC117	CHASSIS FRAME	1	to (c) FH75000
			1	1500 from (c) FH75001
5	TS26	CROSSMEMBER, front	1	
6	134295	LINK, pivot, bonnet	2	
7	133868	SUPPORT, pivot bracket, RH	1	MkI-II
8	133869	SUPPORT, pivot bracket, LH	1	
9	147788	SUPPORT, pivot bracket, RH	1	MkIII
10	147789	SUPPORT, pivot bracket, LH	1	
11	RKC362	SUPPORT, pivot bracket, RH	1	
12	RKC363	SUPPORT, pivot bracket, LH	1	MkIV-1500
		(Pivot bracket with strengthened mounting).		
21	209439	GUSSET, front chassis, RH	1	MkI to early MkIV
22	209440	GUSSET, front chassis, LH	1	
21	218526	GUSSET, front chassis, RH	1	use as replacement
22	218527	GUSSET, front chassis, LH	1	

Note: The narrow gusset assemblies (part nos. 209439 & 209440) were fitted up to early MkIV. These are no longer available and are superseded by the later, wider gusset assemblies (part nos. 218526 & 218527).

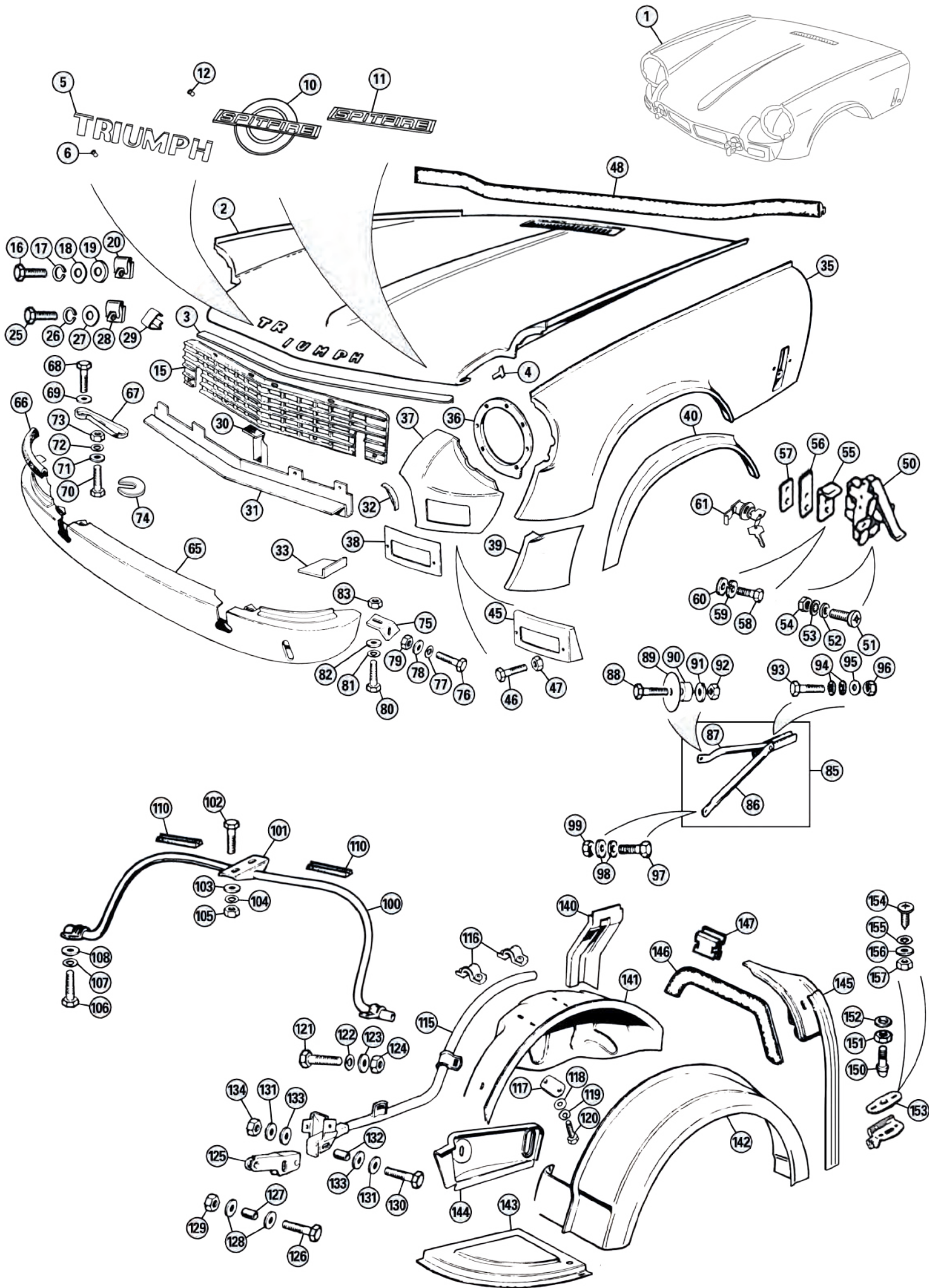
23	TS45R	OUTRIGGER, front, RH	1	
24	TS45L	OUTRIGGER, front, LH	1	
25	134399	OUTRIGGER, intermediate, RH	1	
26	134400	OUTRIGGER, intermediate, LH	1	
27	209466	BRACKET, RH	1	
		(Rear axle mounting to hand brake guide).		MkI-III
28	209465	BRACKET, LH	1	
		(Rear axle mounting to hand brake guide).		
27	219153	BRACKET, RH	1	
		(Rear axle mounting to hand brake guide).		MkIV-1500
28	219152	BRACKET, LH	1	
		(Rear axle mounting to hand brake guide).		
29	208935	BRACKET, shock absorber, RH	1	MkI-III
30	209331	BRACKET, shock absorber, LH	1	
29	219037	BRACKET, shock absorber, RH	1	MkIV-1500
30	218982	BRACKET, shock absorber, LH	1	
31		CROSSMEMBER, rear	1	not available separately
32	132435	BRACKET, rear axle mounting	2	
33	208943	CROSSMEMBER	1	rear shock abs mounting
34	132754	BRACKET, RH	1	rear body & shock abs
35	132819	BRACKET, LH	1	mountings (fitted to rear)
36	122747	CLAMP, for wiring	7	only 4 required for MkI-II
37	134580	BRACKET, anti-roll bar mounting	2	MkI-III
	155309	BRACKET, anti-roll bar mounting	2	MkIV-1500
38	129650	PLATE, tapped	2	suspension turret mounting
39	132104	BRACKET RH	1	inner suspension
	132105	BRACKET, LH	1	support
40	128356	SHIM, camber adjustment	a/r	
41	SH606091	SCREW, mounting bracket to frame	2	
42	WP20X	WASHER, plain	2	
43	305746	SUSPENSION TURRET, LH	1	
43	305747	SUSPENSION TURRET, RH	1	
44	GHF105	SCREW, brackets to frame	8	MkI-III
	GHF103	SCREW, brackets to frame	8	MkIV-1500
45	118977A	WASHER, spring	8	
46	123203	PLATE, strengthener	2	MkIII-1500
50	BH605281	BOLT	2	
51	GHF315	WASHER, plain	2	
52	WP19	WASHER, plain	2	
53	GHF222	NUT, nyloc	2	
54	SH605101	SCREW, body	2	
55	GHF332	WASHER, spring	2	
56	GHF315	WASHER, plain	2	
57	613178	SPACER, aluminium	2	
60	BH605241	BOLT	2	
61	GHF332	WASHER, spring	2	
62	GHF315	WASHER, plain	2	
63	BH605161	BOLT	2	
64	GHF332	WASHER, spring	2	
65	GHF315	WASHER, plain	2	
66	608836	PAD, chassis mounting, rubber/canvas	2	
70	BH605281	BOLT	2	
71	GHF332	WASHER, spring	2	
72	GHF315	WASHER, plain	2	
73	149650	BRACKET, rear brake hose mounting, RH	1	MkI-III
	149649	BRACKET, rear brake hose mounting, LH	1	
	159733	BRACKET, rear brake hose mounting	2	MkIV-1500

ill.	Part Number	Description	Req.	Details
74	GHF106	SCREW, rear body mounting	2	
75	GHF333	WASHER, spring	2	
76	WM59	WASHER, plain	2	
77	613178	SPACER, aluminium	2	
78	152602	MOUNTING, three way brake pipe union	1	
80	574245	MOUNTING KIT, body	1	
81	312183	SHIELD, radiator protection	1	
82	GHF272	NUT, nyloc	4	
83	SH606091	SCREW	2	MkIV-1500
84	GHF333	WASHER, spring	2	
85	144326	CLAMP, plate to chassis	2	
86	GHF202	NUT	2	



ill.	Part Number	Description	Req.	Details
Front Panels - Mkl-II				
Outer Bonnet Panels & Grille				
1	903455	BONNET ASSEMBLY	1	
2	706793	TOP PANEL, bonnet	1	
3	706453	REINFORCEMENT, bonnet front edge	1	
4	603559	TAG, wiring loom	a/r	
5	608380	BADGE, bonnet, shield type	1	
6	PFS104	SPIRE CLIP, badge attachment	2	
7	GHF1532	BUSH, blind fixing, badge attachment	14	
8	703862SET	LETTER SET, smooth, 'TRIUMPH'	1	
	703862	LETTER, T	1	
	703863	LETTER, R	1	
	703864	LETTER, I	1	
	703865	LETTER, U	1	
	703866	LETTER, M	1	
	703867	LETTER, P	1	
	703868	LETTER, H	1	
9	PFS104	SPIRE CLIP, letter attachment	14	fitted up to (b) FC2639
10	GHF1532	BUSH, blind fixing, letter attachment	14	fitted from (b) FC2640 on
15	706707	GRILLE, radiator	2	fitted up to (c)
				FC50000 only
	708592	GRILLE, radiator	2	fitted from (c)
				FC50001 on
16	53K126	SCREW, set	8	
17	FZ34044	NUT, retainer	8	Grille to bonnet
18	PWZ203	WASHER, plain	8	
19	613340	SURROUND, grille, assembly	1	
20	903088	WING, front, LH	1	
	903089	WING, front, RH	1	
21	612873	BRACKET, headlamp mounting, LH	1	reinforcement
	612874	BRACKET, headlamp mounting, RH	1	reinforcement
22	903090	NOSE PANEL, headlamp, LH	1	
	903091	NOSE PANEL, headlamp, RH	1	
23	907157RP	REPAIR PANEL, nose pnl, side lamps, LH	1	Twin side lamps
	907158RP	REPAIR PANEL, nose pnl, side lamps, RH	1	
24	SBP150	REPAIR PANEL, front wing, lower, RH	1	
	SBP151	REPAIR PANEL, front wing, lower, LH	1	
25	SBP123	REPAIR PANEL, wheel arch, RH	1	
	SBP124	REPAIR PANEL, wheel arch, LH	1	
26	610675	SEAL, bonnet to bulkhead	1	
30	607663	BONNET CATCH ASSEMBLY	1	
31	PMZ308	SCREW, set	6	
32	PMZ204	WASHER, plain	6	bonnet catch
33	WF703081	WASHER, shakeproof	6	attachment
34	UCN116L	NUT	6	
35	607664	PLATE, catch, bonnet lock, dash sde	2	lower
36	613474	PAD, sealing, plate to bulkhead	2	
37	639931	PLATE, tapping	2	
38	GHF117	SCREW, set	4	catch plate
39	GHF321	WASHER, shakeproof	4	to dash side
40	WP127	WASHER, plain	4	
41	TT7364	LOCK SET, bonnet catch	1	security lock set
45	807136	FRONT VALANCE ASSEMBLY	1	
46	610676	SEAL, front valance to bonnet	2	
47	706513	BRACKET, support, front valance, RH	1	
	706512	BRACKET, support, front valance, LH	1	
48	HU706P	SCREW, set, pointed	2	support bracket to
	GHF117	SCREW, set alternative	2	overider mounting
49	GHF331	WASHER, spring	2	bracket
50	GHF300	WASHER, plain	2	
51	HU706P	SCREW, set, pointed	4	
	GHF117	SCREW, set alternative	4	support bracket
53	GHF300	WASHER, plain	4	
55	612830	BRACKET, support, front valance, outer, RH	1	
	612829	BRACKET, support, front valance, outer, LH	1	
56	HU706P	SCREW, set, pointed	2	
	GHF117	SCREW, set, alternative	2	support bracket
57	GHF314	WASHER, plain	2	to valance
58	GHF331	WASHER, spring	2	
59	HU706P	SCREW, set	2	
	GHF117	SCREW, set	2	alternative to HU706P
60	GHF314	WASHER, plain	4	attaching support
61	GHF331	WASHER, spring	2	brackets, front valance,
62	GHF200	NUT	2	outer, to chassis frame

ill.	Part Number	Description	Req.	Details
Bonnet Stay Assembly				
70	SBP154SS	BONNET STAY KIT, upper & lower	1	stainless steel
71	613751	BONNET STAY, lower link	1	
72	613045	BONNET STAY, upper link	1	
73	GHF101	SCREW, stay to wheel arch	1	
74	GHF314	WASHER, plain, large	1	attaching upper
75	AHH6939	SPACER	1	link to wheelarch
76	GHF300	WASHER, plain	1	
77	GHF221	NUT, nylon	1	
78	BH604101	BOLT, pivot	1	
79	WP42	WASHER, plain	2	upper link to
80	GHF300	WASHER, plain	1	lower link pivot
81	GHF221	NUT, nylon	1	
82	GHF101	BOLT	1	
83	GHF300	WASHER, plain	1	attaching lower
84	GHF221	NUT, nylon	1	link to chassis
Bonnet Tubes & Inner Panels				
90	706539	TUBE ASSEMBLY, bonnet, rear	1	
91	613076	CLAMP, bonnet tube, rear	2	
92	GHF117	SCREW, set	2	bonnet skin to
93	GHF314	WASHER, plain	2	bonnet tube bracket
94	GHF331	WASHER, spring	2	
95	GHF200	NUT, plain	2	
96	GHF117	SCREW, set	4	rear bonnet tube
97	GHF331	WASHER, spring	4	to wheelarch
98	GHF314	WASHER, plain	4	
99	608643	PACKING, sponge rubber	2	bonnet tube to top panel
100	806882	TUBE ASSEMBLY, bonnet hinge, LH	1	
	806883	TUBE ASSEMBLY, bonnet hinge, RH	1	
101	607869	BRACKET, anchor	4	rear bonnet hinge tube
102	607711	PLATE, backing	4	anchor bracket
103	GHF331	WASHER, spring	8	to wheelarches
104	GHF300	WASHER, plain	8	
105	GHF117	SCREW, set	8	
106	GHF117	SCREW, set	4	bonnet tube
107	WP20X	WASHER, plain	4	to closing panel
108	GHF331	WASHER, spring	4	and wheelarch
109	GHF200	NUT, plain	4	
110	612838	BRACKET, bonnet hinge, on chassis	2	
111	BH606161	BOLT	2	bonnet hinge tube
112	WP9	WASHER, plain	4	to bonnet
113	607910	SPACER	2	hinge bracket
114	WP48	WASHER, plain	4	
115	GHF273	NUT, nylon	2	
116	BH605181	BOLT	4	bonnet hinge
117	WM58	WASHER, plain	8	bracket to chassis
118	612963	SPACER	4	
119	GHF272	NUT, nylon	4	
130	612659	BRACKET, LH	1	front wheel arch to wing
	612660	BRACKET, RH	1	
131	706548	WHEEL ARCH, inner, LH	1	
	706548RP	WHEEL ARCH, inner, LH, repair panel	1	
	706549	WHEEL ARCH, inner, LH	1	
	706549RP	WHEEL ARCH, inner, RH	1	
132	903137	WHEEL ARCH, outer, LH	1	
	903138	WHEEL ARCH, outer, RH	1	
133	706311	PANEL, closing, nose to wheel arch	1	LH
	706312	PANEL, closing, nose to wheel arch	1	RH
134	613598	BRACKET, wheel arch to grille surround	1	LH
	613597	BRACKET, wheel arch to grille surround	1	RH
135	818625	REINFORCEMENT ASSEMBLY	1	LH, front wing
	818626	REINFORCEMENT ASSEMBLY	1	RH, front wing
136	613666	SEAL, rear, front wheelarch to dash	2	
137	608520	CLIP, seal attachment	18	
Bonnet Locating Peg				
140	612962	PEG, bonnet location	2	
141	NT605041	NUT, jam	2	
142	GHF301	WASHER, plain	2	
143	612617	PLATE, bonnet peg locating	2	on footwell
144	PX454	SCREW, set	4	
145	WM54	WASHER, plain	8	locating plate to
146	WL700101	WASHER, spring	4	locating bracket
147	UCN116L	NUT	4	

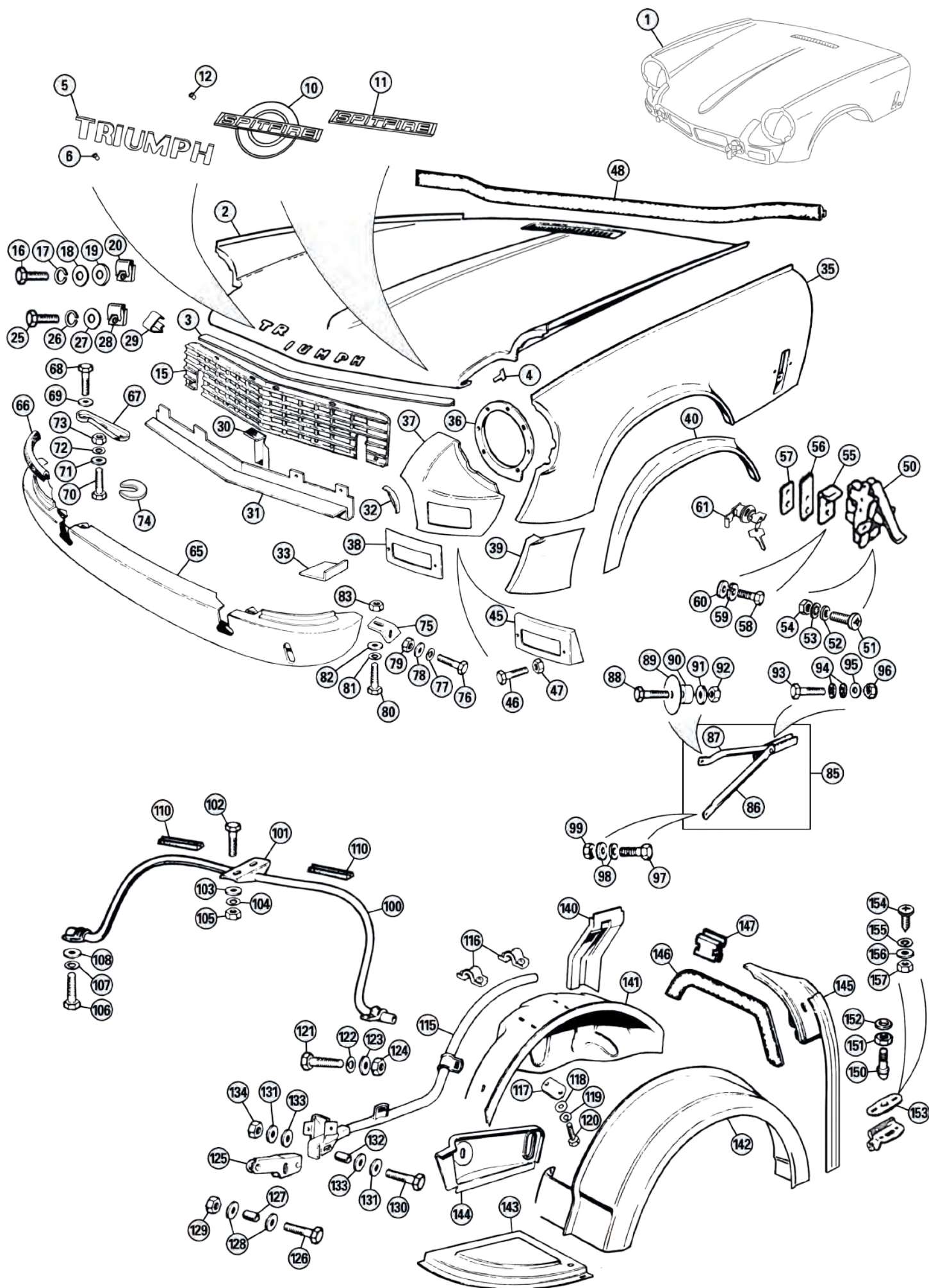


ill.	Part Number	Description	Req.	Details
Front Panels - MkIII				
Outer Bonnet Panels & Grille				
1	907254	BONNET ASSEMBLY	1	fitted up to (c) FD/FDU75000
	627330	BONNET ASSEMBLY	1	all markets except USA
	627331	BONNET ASSEMBLY	1	from (c) FD75001 on
			1	USA only fitted
			1	from (c) FDU75001
2	621666	TOP ASSEMBLY, bonnet	1	fitted up to (c)
			1	FD/FDU75000
	627332	TOP ASSEMBLY, bonnet	1	fitted from (c)
			1	FD/FDU75001
3	706453	REINFORCEMENT, front edge	1	
4	603559	TAG, wiring loom	a/r	
5	703862SET	LETTER SET, smooth, 'TRIUMPH'	1	
	703862	LETTER, T	1	
	703863	LETTER, R	1	
	703864	LETTER, I	1	
	703865	LETTER, U	1	fitted up to (c)
	703866	LETTER, M	1	FD/FDU75000
	703867	LETTER, P	1	
	703868	LETTER, H	1	
6	GHF1532	BUSH, friction, letters to bonnet	14	
10	627174	NAMEPLATE, 'Spitfire', bonnet (all markets except USA)	1	fitted from (c)
			1	FD/FDU75001
11	627170	NAMEPLATE, 'Spitfire', bonnet (USA only)	1	fitted from (c)
			1	FD/FDU75001
12	GHF1532	BUSH, friction, nameplate to bonnet	2	fitted from (c)
			2	FD/FDU75001
15	810402	GRILLE ASSEMBLY, radiator, aluminium	1	fitted up to (c) FD/FDU75000
	819086	GRILLE ASSEMBLY, radiator, black, painted aluminium	1	fitted from (c) FD/FDU75001
			1	up to FD/FDU80520 only
	817252	GRILLE ASSEMBLY, radiator, black plastic	1	fitted from (c)
			1	FD/FDU80521 on
16	RMP312	SCREW, set	6	
	515328	SCREW, set	2	radiator grille attachment
17	WL700101	WASHER, spring	8	fitted up to (c) FD/FDU80520
18	514438	WASHER, plain	8	only, for attaching metal
19	WM816	WASHER, medium, packing	4	grilles 810402/819086 only
20	FZ34044	NUT, retainer	8	
25	576156	SCREW, set, short	4	
	576155	SCREW, set, long	2	radiator grille attachment
26	WL700101	WASHER, spring	6	fitted from (c) FD/FDU80521
27	518419	WASHER, fibre	6	on only, for attaching plastic
28	FZ34044	NUT, retainer	6	grille 817252 only
29	629060	CLIP	2	
30	710680	STRUT, centre, grille aperture	1	
31	710679	CHANNEL, bottom grille aperture	1	
32	710715	GUSSET, grille aperture, RH	1	
	710714	GUSSET, grille aperture, LH	1	
33	619739	BRACKET, bottom channel attachment	1	LH
	619740	BRACKET, bottom channel attachment	1	RH
35	903088	WING, front, LH	1	
	903089	WING, front, RH	1	
	817920	WING, front, LH	1	USA only fitted
	817921	WING, front, RH	1	from (c) FDU75001
36	612873	BRACKET, reinforcement, LH	1	headlamp mounting
	612874	BRACKET, reinforcement, RH	1	
37	907157	PANEL, nose, LH	1	fitted up to (c) FD/FDU75000
	907158	PANEL, nose, RH	1	
	911720	PANEL, nose, LH	1	fitted from (c) FD/FDU75001
	911721	PANEL, nose, RH	1	
38	907157RP	REPAIR PANEL, nose panel, side lamps, LH	1	fitted up to (c) FD/FDU75000
	907158RP	REPAIR PANEL, nose panel, side lamps, RH	1	
	911720RP	REPAIR PANEL, nose panel, side lamps, LH	1	fitted from (c) FD/FDU75001
	911721RP	REPAIR PANEL, nose panel, side lamps, RH	1	
39	SBP150	REPAIR PANEL, front wing, lower, RH	1	
	SBP151	REPAIR PANEL, front wing, lower, LH	1	
40	SBP123	REPAIR PANEL, wheel arch, RH	1	
	SBP124	REPAIR PANEL, wheel arch, LH	1	
45	907257	PLINTH, side/indicator lamp, LH	1	
	907258	PLINTH, side/indicator lamp, RH	1	

Note: Early Spitfire MkIII models were fitted with a MkII bonnet with adaptor plates for the side/indicator lamp assembly.

46	SE105141	SCREW, plinth to nose panel	4	
47	FZ34044	NUT, retainer, plinth to nose panel	4	
48	610675	SEAL, bonnet to bulkhead	1	

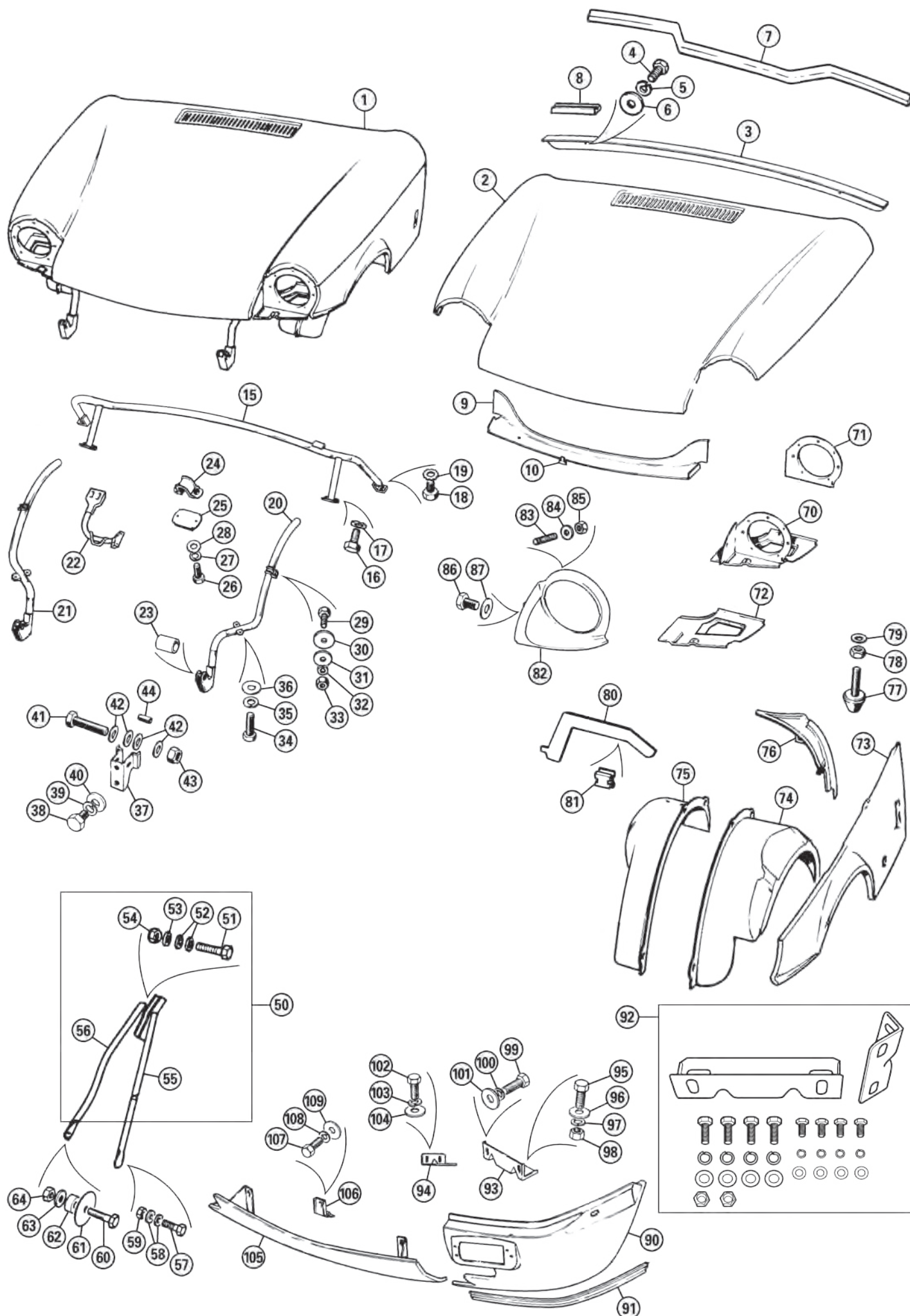
ill.	Part Number	Description	Req.	Details
Bonnet Catch Assembly				
50	607663	BONNET CATCH ASSEMBLY	1	
51	PMZ308	SCREW, set	6	
52	PMZ204	WASHER, plain	6	bonnet catch
53	WF703081	WASHER, shakeproof	6	attachment
54	UCN116L	NUT	6	
55	607664	PLATE, catch, bonnet lock, dash side	2	lower
56	613474	PAD, sealing, plate to bulkhead	2	
57	639931	PLATE, tapping	2	
58	GHF117	SCREW, set	4	catch plate
59	GHF321	WASHER, shakeproof	4	to dash side
60	WP127	WASHER, plain	4	
61	TT7364	LOCK SET, bonnet catch (security lock set).	1	
Front Valance Assembly				
65	811676	FRONT VALANCE ASSEMBLY	1	
66	610676	SEAL, front valance to bonnet	2	
67	712567	BRACKET, support, front valance, inner	1	LH
	712568	BRACKET, support, front valance, inner	1	RH
68	HU706P	SCREW, set, pointed	4	support bracket to
	GHF117	SCREW, set (alternative)	4	front valance
69	GHF300	WASHER, plain	4	
70	GHF101	SCREW, set	2	
71	GHF331	WASHER, spring	2	front valance support
72	GHF300	WASHER, plain	2	bracket to chassis
73	GHF200	NUT, hex	2	
74	CD26326	PAD, mounting,	a/r	front valance attachment
75	612829	BRACKET, support, outer, LH	1	front valance
	612830	BRACKET, support, outer, RH	1	front valance
76	HU706P	SCREW, set, pointed	2	
	GHF117	SCREW, set (alternative)	2	
77	GHF331	WASHER, spring	2	support bracket
78	GHF314	WASHER, plain	2	to valance
79	GHF200	NUT	2	
80	HU706P	SCREW, set, pointed	2	alternative to HU706P
	GHF117	SCREW, set	2	attaching support brackets,
81	GHF314	WASHER, plain	4	front valance outer to
82	GHF331	WASHER, spring	2	chassis frame
83	GHF200	NUT, hex	2	
Bonnet Stay Assembly				
85	SBP154SS	BONNET STAY KIT, upper & lower	1	stainless steel
86	613751	BONNET STAY, lower link	1	
87	613045	BONNET STAY, upper link	1	
88	GHF101	SCREW, stay to wheel arch	1	
89	GHF300	WASHER, plain, large	1	attaching upper
90	AHH6939	SPACER	1	link to wheelarch
91	GHF300	WASHER, plain	1	
92	GHF221	NUT, nylon	1	
93	BH604101	BOLT, pivot	1	
94	WP42	WASHER, plain	2	upper link to
95	GHF300	WASHER, plain	1	lower link pivot
96	GHF221	NUT, nylon	1	
97	GHF101	BOLT	1	
98	GHF300	WASHER, plain	1	attaching lower
99	GHF221	NUT, nylon	1	link to chassis
Bonnet Tubes & Inner Panels				
100	706539	TUBE ASSEMBLY, bonnet, rear	1	
	607628	BRACKET, bonnet tube	1	
101	613076	CLAMP ASSEMBLY, bonnet tube, rear	2	
102	GHF117	SCREW, bonnet tube to bonnet top	4	
103	GHF314	WASHER, plain	2	
104	GHF331	WASHER, spring	2	
105	GHF200	NUT	2	
106	GHF117	SCREW, bonnet tube to wheelarch	4	
107	GHF314	WASHER, plain	4	
108	GHF331	WASHER, spring	4	
110	608643	PACKING, sponge rubber	2	
115	811679	TUBE ASSEMBLY, bonnet hinge, LH	1	
	811680	TUBE ASSEMBLY, bonnet hinge, RH	1	
116	607869	BRACKET, anchor	4	rear bonnet hinge tube assembly
117	607711	PLATE, backing	4	
118	GHF300	WASHER, plain	8	anchor brackets
119	GHF331	WASHER, spring	8	to wheelarch
120	GHF117	SCREW	8	
121	GHF117	SCREW, set	4	bonnet tube to
122	GHF314	WASHER, plain	4	closing panel



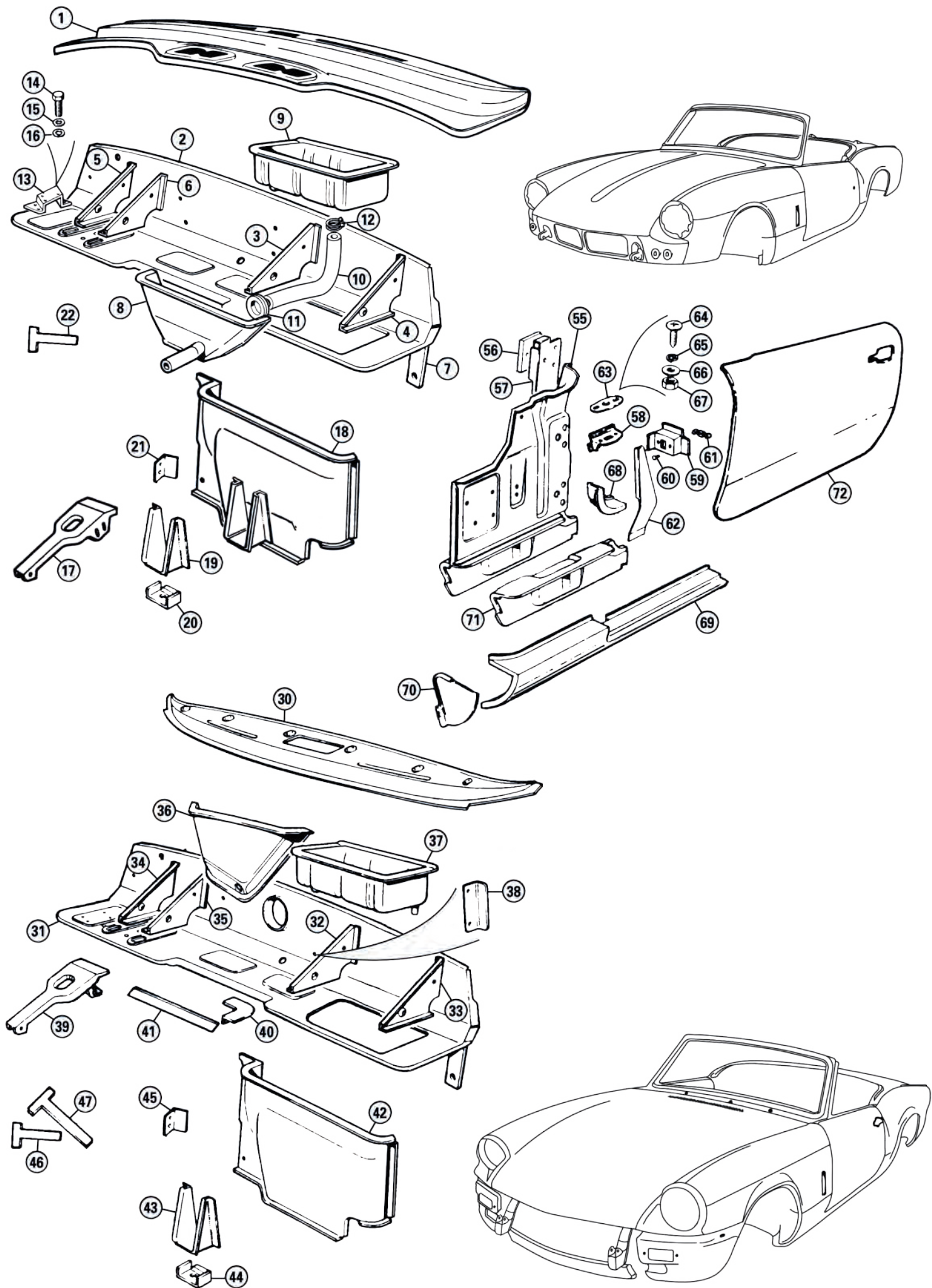
ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
Front Panels MkIII (Continued)									
123	GHF331	WASHER, spring	4	] and wheelarch					
124	GHF200	NUT, plain	4						
125	712726	BRACKET, hinge, assembly	2	] bonnet lower					
126	BH605181	BOLT	4						
127	621418	SPACER	4	] to frame					
128	WM58	WASHER, plain	8						
129	GHF272	NUT, nyloc	4	] bonnet hinge tube					
130	BH606191	BOLT, pivot	2						
131	WP9	WASHER, plain	4	] to bonnet hinge					
132	621419	SPACER	2						
133	WP48	WASHER, plain	4	] pivot bracket					
134	GHF272	NUT, nyloc	2						
140	612659	BRACKET, front wheel arch to wing, LH	1						
	612660	BRACKET, front wheel arch to wing, RH	1						
141	706548	WHEEL ARCH, inner, LH	1						
	706548RP	WHEEL ARCH, inner, LH, repair panel	1						
	706549	WHEEL ARCH, inner, RH	1						
	706549RP	WHEEL ARCH, inner, RH, repair panel	1						
142	903137	WHEEL ARCH, outer, LH	1						
	903138	WHEEL ARCH, outer, RH	1						
143	706311	PANEL, closing, nose to wheel arch	1	LH					
	706312	PANEL, closing, nose to wheel arch	1	RH					
144	613598	BRACKET, wheel arch to grille surround	1	LH					
	613597	BRACKET, wheel arch to grille surround	1	RH					
145	818625	REINFORCEMENT ASSEMBLY	1	LH, front wing					
	818626	REINFORCEMENT ASSEMBLY	1	RH, front wing					
146	613666	SEAL, rear, front wheelarch to dash	2						
147	608520	CLIP, seal attachment	18						

Bonnet Locating Peg

150	612962	PEG, bonnet location	2						
151	NT605041	NUT, jam	2						
152	GHF301	WASHER, plain	2						
153	612617	PLATE, bonnet peg locating	2	] on footwell					
154	PX454	SCREW, set	4						
155	WM54	WASHER, plain	8	] locating plate to					
156	WL700101	WASHER, spring	4						
157	UCN116L	NUT	4	] locating bracket					



ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
Front Panels - MkIV-1500									
1	WKC3450	BONNET ASSEMBLY	1		75	909797	WHEEL ARCH, front, inner, LH	1	
	XKC3747	(Supplied with bonnet irons, but not headlamp covers). BONNET ASSEMBLY	1	US spec		909798	WHEEL ARCH, front, inner, RH	1	
		(Supplied with support tubes, but not headlamp covers. Includes front wing side repeater holes).			76	818625	MOUNTING, bonnet locator, LH	1	
2	WKC1653	BONNET SKIN, centre panel	1			818626	MOUNTING, bonnet locator, RH	1	
3	722631	BONNET SUPPORT, rear	1	to mid 1977 (change point not known)	77	612962	PIN, bonnet locating	2	
4	GHF117	SCREW	2		78	NT605041	NUT, thin jam	2	
5	GHF331	WASHER, spring	2		79	GHF315	WASHER, plain	2	
6	WM57	WASHER, plain	2		80	613666	SEAL, inner wheel arch rear edge	2	
7	610675	SEAL, bulkhead to bonnet	1		81	606389	CLIP, retaining seal	18	
8	608643	PACKING, short, sponge	2	to mid 1977	82	911101	COWL, headlamp, diecast, LH	1	primed
	ZKC3664	PACKING, long, sponge	1	from mid 1977		911102	COWL, headlamp, diecast, RH	1	finish
9	815010	FRONT REINFORCEMENT PANEL	1		83	106765R	STUD, headlamp cover securing	2	cut to fit
10	603559	CLIP, wiring	4	across front return panel	84	WM57	WASHER, spacer	2	
15	WKC3414	BONNET SUPPORT, rear	1		85	GHF200	NUT	2	
		(This also has additional pick up points for supports which are only used on USA spec cars).			86	SH604031	SCREW, headlamp cover	4	
16	SH604041	SCREW, support to wheel arch	4		87	GHF300	WASHER, plain	4	
17	GHF331	WASHER, spring	4		90	815391	QUARTER VALANCE, front, LH	1	original
18	SH604041	SCREW, support to wing lip	4			815392	QUARTER VALANCE, front, RH	1	
19	WE600041	WASHER, shakeproof	4			TS31L	QUARTER VALANCE, front, LH	1	aftermarket
20	911107	SUPPORT TUBE, bonnet, LH	1			TS31R	QUARTER VALANCE, front, RH	1	
21	911108	SUPPORT TUBE, bonnet, RH	1			TT7403	QUARTER VALANCE, front, LH	1	fibreglass
22	XKC2676	SUPPORT TUBE, bonnet, LH	1	US spec		TT7404	QUARTER VALANCE, front, RH	1	
	XKC2677	SUPPORT TUBE, bonnet, RH	1		91	716200	SEAL, quarter valance to bonnet	2	
23	624508	SLEEVE, pivot	2		92	TS49	BRACKET KIT, quarter valance	2	one of each items 84 & 85
		(Pivot sleeves are supplied welded to each bonnet iron. The part that wears the most is the bush (624509) in each pivot: See below for details).			93	TS47	BRACKET, valance, large	2	
24	607869	CLAMP, bonnet support	4				(Quarter valance to front chassis crossmember).		
25	607711	PLATE, bonnet support clamp	4		94	TS48	BRACKET, valance, small	2	
26	GHF117	SCREW, clamp plate	8				(Quarter valance to bonnet pivot bracket).		
27	GHF331	WASHER, spring	8		95	SH605051	SCREW, bracket to chassis	4	
28	GHF301	WASHER, plain	8		96	GHF315	WASHER, plain	8	above & below chassis member
29	GHF117	SCREW, bonnet iron to arch	2						
30	GHF314	WASHER, plain	2	1" external diameter	97	GHF332	WASHER, spring	4	
31	WM57	WASHER, plain	2	0.75" external diameter	98	GHF201	NUT	4	
32	GHF331	WASHER, spring	2		99	SH605051	SCREW, bracket to quarter valance	4	
33	GHF200	NUT, plain	2		100	GHF332	WASHER, spring	4	
34	GHF117	SCREW, front mounting	4		101	GHF315	WASHER, plain	4	
35	GHF331	WASHER, spring	4		102	GHF117	SCREW, bracket to quarter valance	8	
36	WM57	WASHER, plain	4		103	GHF331	WASHER, spring	8	
37	715805	BRACKET, adjusting pivot	2		104	WM57	WASHER, spacer	8	
38	SH605071	SCREW, pivot bracket to support	4		105	715889	VALANCE, front, centre	1	
39	GHF332	WASHER, spring	4		106	624601	BRACKET, front valance centre	1	not applicable
40	GHF315	WASHER, plain	4		107	SH604051	SCREW, front valance mounting	4	when spoiler
41	BH606151	BOLT, bonnet pivot tube mounting	2		108	GHF331	WASHER, spring	4	is fitted
42	GHF302	WASHER, plain	8		109	WM57	WASHER, spacer	4	
43	GHF273	NUT, nyloc, thin	2						
44	624509	BUSH, pivot tube mounting	2						
50	SBP154SS	STAY KIT, bonnet, stainless steel	1						
		(Includes upper and lower stay and pivot bolt).							
51	BH604101	BOLT, pivot	1						
52	WP42	WASHER, spacing on pivot bolt	2						
53	GHF300	WASHER, plain	1						
54	GHF221	NUT, nyloc	1						
55	613751	STAY, bonnet, lower	1						
56	613045	STAY, bonnet, upper	1						
57	SH604041	SCREW, lower stay to suspension turret	1						
58	GHF300	WASHER, plain	2						
59	GHF221	NUT, nyloc	1						
60	GHF101	SCREW, upper stay to inner arch	1						
61	GHF314	WASHER, spacer	1						
62	AHH6939	SPACER	1						
63	GHF300	WASHER, plain	1						
64	GHF221	NUT, nyloc	1						
70	818871	MOUNTING PANEL & SUPPORT, LH	1	original, headlamp,					
	818872	MOUNTING PANEL & SUPPORT, RH	1	includes items 71 & 72					
	TS38L	MOUNTING PANEL & SUPPORT, LH	1	aftermarket, headlamp,					
	TS38R	MOUNTING PANEL & SUPPORT, RH	1	includes items 71 & 72					
71	818871A	MOUNTING PANEL, headlamp, LH	1						
	818872A	MOUNTING PANEL, headlamp, RH	1						
72	TS39L	SUPPORT PANEL, lower, LH	1						
	TS39R	SUPPORT PANEL, lower, RH	1						
73	909663	WING, front, LH	1	original					
	909664	WING, front, RH	1						
	TS32L	WING, front, LH	1	aftermarket					
	TS32R	WING, front, RH	1						
74	909351	WHEEL ARCH, front, outer, LH	1	original					
	909352	WHEEL ARCH, front, outer, RH	1						
	TS36L	WHEEL ARCH, front, outer, LH	1	aftermarket					
	TS36R	WHEEL ARCH, front, outer, RH	1						



ill.	Part Number	Description	Req.	Details
Centre Body Panels				
Bulkhead Panels - Mki-III				
1	807379	FASCIA PANEL, top	1	
2	903200	BULKHEAD ASSEMBLY, RHD	1	} to (b) 5964FC
	903201	BULKHEAD ASSEMBLY, LHD	1	
	907259	BULKHEAD ASSEMBLY, RHD	1	} from (b) 5965FC
	907268	BULKHEAD ASSEMBLY, LHD	1	
3	613687	BRACKET, battery, inner, RH	1	
4	613686	BRACKET, battery, outer, LH	1	
5	TS73R	BRACKET, outer, RHD	1	
	TS74L	BRACKET, outer, LHD	1	
6	TS74L	BRACKET, inner, RHD	1	
	TS73R	BRACKET, inner, LHD	1	
7	612850	PLATE, support	2	
8	807279	AIR BOX ASSEMBLY	1	} to (b) 5964FC
	807536	AIR BOX ASSEMBLY	1	
9	806707	BATTERY BOX, RHD	1	
	807030	BATTERY BOX, LHD	1	
10	612970	HOSE, drain tube, battery box	1	
	AH5437	HOSE, drain tube, battery box	1	} use as alternative
11	613025	GROMMET, drain tube	1	
12	CS4012	CLIP, drain tube to battery box	1	} wire type
13	706550	BRACKET, wiper motor mounting	1	
14	SH604051	SCREW, motor bracket	4	
15	WM57	WASHER, spacer	4	
16	GHF331	WASHER, spring	4	
17	806926	SUPPORT, steering column, RHD	1	
	806925	SUPPORT, steering column, LHD	1	
18	807121	BULKHEAD, front, RH	1	} RHD
	807120	BULKHEAD, front, LH	1	
	807123	BULKHEAD, front, RH	1	} LHD
	807122	BULKHEAD, front, LH	1	
19	607621	BRACKET, mounting	2	
20	607637	STRENGTHENER, body mounting	2	
21	615706	BRACKET, valance attachment	2	
22	603559	TAG, wiring loom	10	

Bulkhead Panels - MkiV-1500

30	908521	FASCIA PANEL, top	1	
31	813945	BULKHEAD ASSEMBLY, RHD	1	
	813944	BULKHEAD ASSEMBLY, LHD	1	
32	613687	BRACKET, battery, inner	1	
33	613686	BRACKET, battery, outer	1	
34	TS73R	BRACKET, outer, RHD	1	} to (c) FH80000
	TS74L	BRACKET, outer, LHD	1	
35	TS74L	BRACKET, inner, RHD	1	
	TS73R	BRACKET, inner, LHD	1	
36	813946	PLENUM CHAMBER, heater entry	1	
37	806707	BATTERY BOX, RHD	1	
	807030	BATTERY BOX, LHD	1	
38	621686	BRACKET, overdrive relay	1	} by battery box, (if fitted)
39	809785	SUPPORT, steering column	1	
	809786	SUPPORT, steering column	1	} LHD
40	611665	CORNER SUPPORT, bulkhead	2	
41	619482	CENTRE SUPPORT, bulkhead	1	
42	818786	BULKHEAD, front, RH	1	} RHD
	818785	BULKHEAD, front, LH	1	
	818780	BULKHEAD, front, RH	1	} LHD
	809740	BULKHEAD, front, LH	1	
43	607621	BRACKET, body mounting	2	
44	607637	STRENGTHENER, body mounting	2	
45	615706	BRACKET, valance attachment	2	} weld to bulkhead
46	622150	TAG, wiring loom	4	
47	603559	TAG, wiring loom	10	

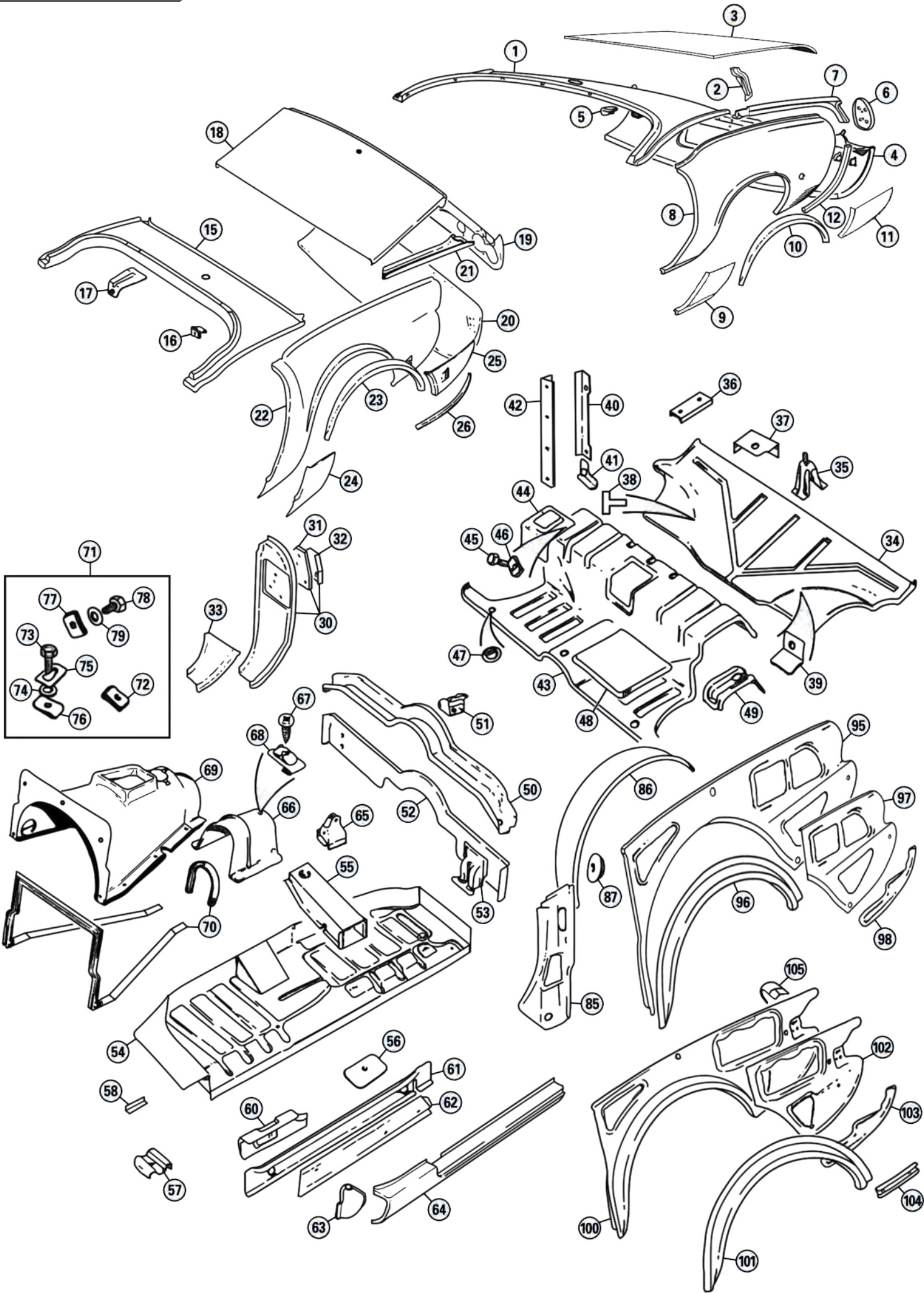
Side Body Panels - All Models

55	912980	A POST, upper, RH	1	} RHD; includes items 56, 57, 58, 59, 62
	912979	A POST, upper, LH	1	
	TS52AR	A POST, upper, RH	1	
	TS52AL	A POST, upper, LH	1	
56	607610	MOUNTING PLATE, hinge, tapped	4	
57	716150	SUPPORT PLATE, hinge, RH	1	
	716149	SUPPORT PLATE, hinge, LH	1	
58	612617	BRACKET, bonnet location	2	
59	613351	BRACKET, check strap, RH	1	
	613350	BRACKET, check strap, LH	1	
60	569313	RIVET, spring guide attachment	4	
61	603344	SPRING, guide for door check arm	2	
62	715983	SLIDE PLATE, bonnet guide, RH	1	

ill.	Part Number	Description	Req.	Details
	715982	SLIDE PLATE, bonnet guide, LH	1	
63	612617	PLATE, locating, bonnet cone	2	
64	PX454	SCREW, pan head	4	
65	WL700081	WASHER, spring	4	} locating plate
66	WM54	WASHER, plain	4	
67	UCN116L	NUT	4	} to locating bracket
68	TS10R	A POST, lower corner, RH	1	
	TS10L	A POST, lower corner, LH	1	
69	903098	SILL PANEL, outer, RH	1	} original
	903097	SILL PANEL, outer, LH	1	
	TS16R	SILL PANEL, outer, RH*	1	} aftermarket
	TS16L	SILL PANEL, outer, LH*	1	

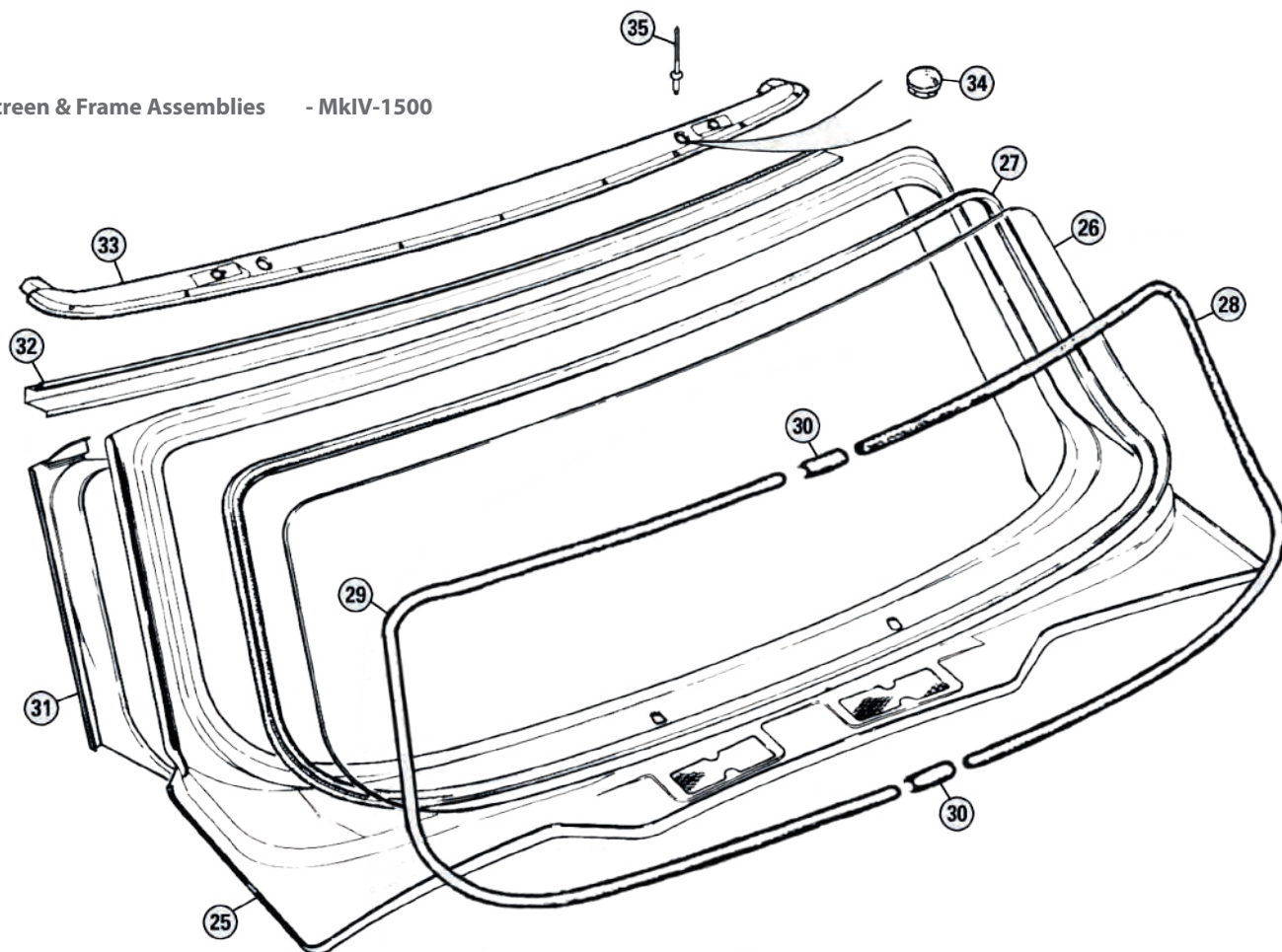
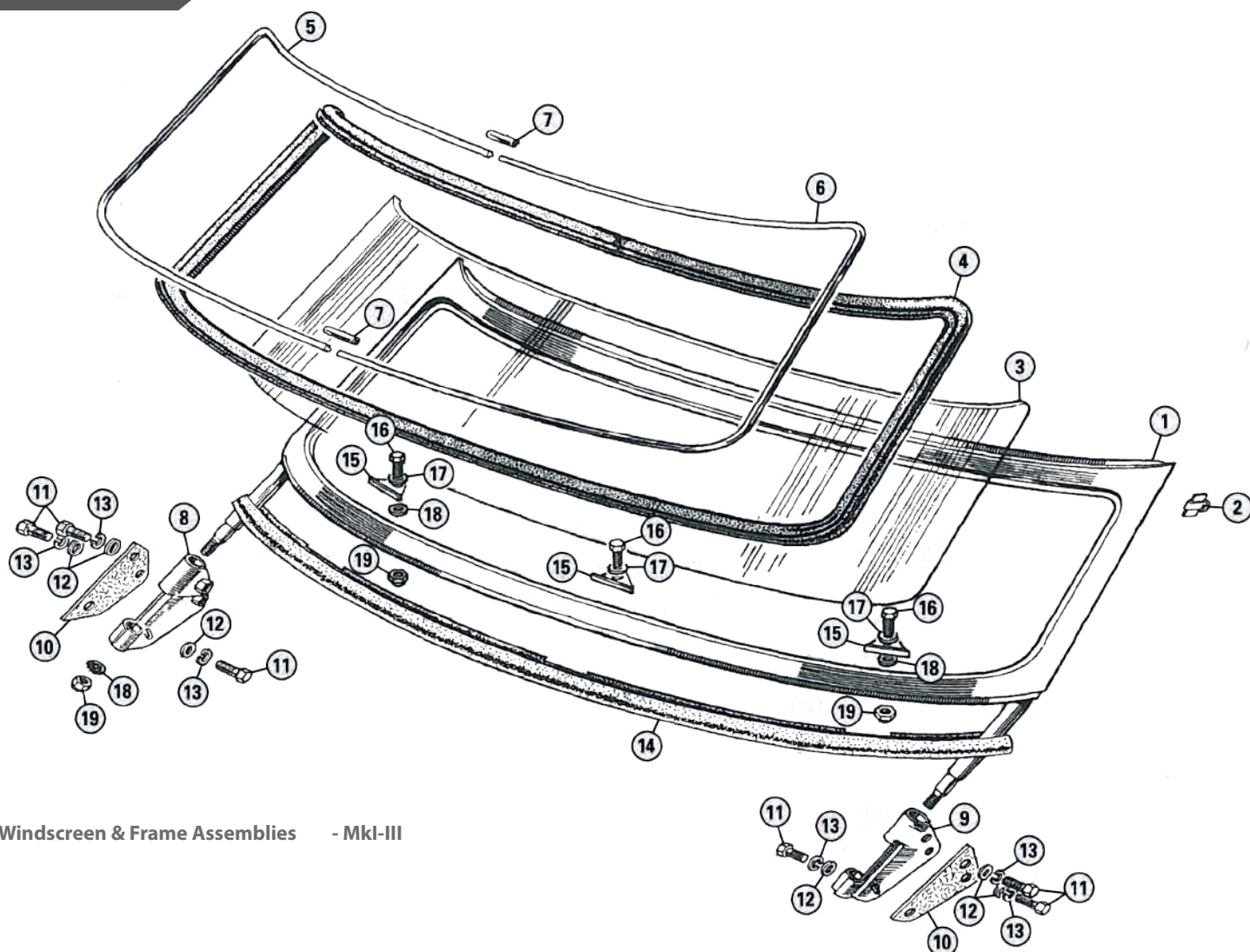
*Note: Unlike genuine items, aftermarket sills do not have the front upper radius that fits around the corner of the bulkhead.

70	TS13R	END CAP, sill, RH	1	} Mki-III without holes
	TS13L	END CAP, sill, LH	1	
71	TS52R	REPAIR PANEL, A post, lower, RH	1	} MkiV-1500
	TS52L	REPAIR PANEL, A post, lower, LH	1	
72	TS11AR	DOOR SKIN, RH	1	} Mki-III with holes
	TS11AL	DOOR SKIN, LH	1	
	TS11R	DOOR SKIN, RH	1	} Mki-III without holes
	TS11L	DOOR SKIN, LH	1	
	TS12R	DOOR SKIN, RH	1	} MkiV-1500
	TS12L	DOOR SKIN, LH	1	



ill.	Part Number	Description	Req.	Details
Rear & Floor Body Panels				
Rear Body Panels - MkI-III				
1	807110	PANEL ASSEMBLY, rear deck	1	MkI-II
	811688	PANEL ASSEMBLY, rear deck	1	MkIII to FD/FDU75000
	627572	PANEL ASSEMBLY, rear deck	1	MkIII from FD/FDU75001
2	706465	SUPPORT ASSEMBLY	1	bottom pivot, trunk lid stay
3	TS65	BOOT LID	1	
4	TS27	VALANCE, rear panel assembly	1	
5	612938	ANGLE, rear valance to wheel arch	2	
6	613525	PANEL ASSEMBLY, RH	1	filler, rear side lamp
	613524	PANEL ASSEMBLY, LH	1	filler, rear side lamp
7	903100	DRAIN CHANNEL, RH	1	
	903099	DRAIN CHANNEL, LH	1	
8	576409	PANEL, outer, rear wing, RH	1	
	576408	PANEL, outer, rear wing, LH	1	
9	TS20L	REAR WING REPAIR PANEL, front lower	1	LH
	TS20R	REAR WING REPAIR PANEL, front lower	1	RH
10	SBP127	WING LIP REAR OUTER, LH	1	
	SBP128	WING LIP REAR OUTER, RH	1	
11	TS66L	REAR WING REPAIR PANEL, rear lower	1	LH
	TS66R	REAR WING REPAIR PANEL, rear lower	1	RH
12	706600	FINISHER, lower rear wing joint	2	
Rear Body Panels - MkIV-1500				
15	TS71	CENTRE DECK	1	
16	624564	BRACKET, fuel tank trim	3	
17	715567	BRACKET, deck to fuel tank	1	centre mounting
18	911327	BOOT LID	1	
	911327Z	BOOT LID, aftermarket	1	
19	TS41	LIGHT PANEL	1	
20	908970	LOWER PANEL, genuine	1	
21	TS56L	DRAIN CHANNEL, LH	1	
	TS56R	DRAIN CHANNEL, RH	1	
22	WKC2466	REAR WING, LH	1	} genuine
	WKC2467	REAR WING, RH	1	
	TS33L	REAR WING, LH	1	} aftermarket
	TS33R	REAR WING, RH	1	
23	SBP137	LIP REPAIR, rear wing, LH	1	
	SBP138	LIP REPAIR, rear wing, RH	1	
24	TS20L	REPAIR PANEL, sill extension, LH	1	
	TS20R	REPAIR PANEL, sill extension, RH	1	
25	TS21L	REPAIR PANEL, lower rear wing, LH	1	
	TS21R	REPAIR PANEL, lower rear wing, RH	1	
26	715821	BEADING, rear lower wing	2	
		(Weld to flange between wing and rear lower panel).		
Floor & Body Panels - All Models				
30	TS46L	'B' POST, LH	1	
	TS46R	'B' POST, RH	1	
31	619099	TAPPED PLATE, 'B' post, LH	1	
	619100	TAPPED PLATE, 'B' post, RH	1	
32	618274	RETAINER, for tapped plate, LH	1	
	618275	RETAINER, for tapped plate, RH	1	
33	SBP152	'B' POST LOWER REPAIR, LH	1	
	SBP153	'B' POST LOWER REPAIR, RH	1	
34	TS30	BOOT FLOOR PANEL	1	
35	TS40	BRACKET, spare wheel mount	1	
36	615810	SUPPORT, lower bumper	2	
		(Included as part of boot floor panel TS30).		
37	UKC1910	BRACKET, RH exhaust support	1	
38	603559	CLIP, wiring harness	4	
39	613579	RETAINER, tank board	4	
40	613358	MOUNTING, fuel tank, LH	1	} MkI-III
	613359	MOUNTING, fuel tank, RH	1	
	715673	MOUNTING, fuel tank, LH	1	} MkIV-1500
	715674	MOUNTING, fuel tank, RH	1	
41	613658	MOUNTING, fuel tank, lower, LH	1	
	613659	MOUNTING, fuel tank, lower, RH	1	
42	621438	BRACKET	2	wheel arch to top deck
43	613347	REAR SEAT PAN	1	MkI-III
	903132	REAR SEAT PAN	1	MkIV-1500
44	613812	PANEL, centre, (axle cover)	1	
45	748505	SCREW, panel retaining	2	
46	FU2585	CLIP	2	
47	338023A	BLANKING PLUG, plastic	3	
48	CHM228	PAD, sound deadening	1	one per car
49	706159	REINFORCEMENT, LH	1	} body mounting
	706160	REINFORCEMENT, RH	1	
50	TS62	SUPPORT PANEL, heel-board	1	

Ill.	Part Number	Description	Req.	Details
51	631592	BRACKET, handbrake relay	1	
52	TS54	HEELBOARD PANEL	1	
53	TS55	BRACKET, radius arm	2	
54	TS22L	FLOOR PANEL, full length, LH	1	] all models
	TS22R	FLOOR PANEL, full length, RH	1	
Note: The Spitfire floor panel was originally a one piece pressing (908900); it is now offered in two halves. Full length floor panels have a return lip designed for fitment to the inner sills, as original.				
55	TS25	CROSS MEMBER, floor	2	
56	TT7968	ANCHOR NUT, seat belt	2	
57	TS53L	STRENGTHENER, front floor, LH	1	
	TS53R	STRENGTHENER, front floor, RH	1	
58	612577	STRENGTHENER, front floor	2	
60	TS52L	'A' POST, lower section, LH	1	
	TS52R	'A' POST, lower section, RH	1	
61	TS18L	INNER SILL PANEL, LH	1	
	TS18R	INNER SILL PANEL, RH	1	
62	TS17L	BAFFLE PLATE, LH	1	
	TS17R	BAFFLE PLATE, RH	1	
63	TS13L	END PLATE, sill LH	1	
	TS13R	END PLATE, sill, RH	1	
64	903097	OUTER SILL, genuine, LH	1	
	903098	OUTER SILL, genuine, RH	1	
	TS16L	OUTER SILL, aftermarket, LH	1	
	TS16R	OUTER SILL, aftermarket, RH	1	
65	121765	BRACKET, pivot, handbrake	1	MkI-III
	624406	BRACKET, hand brake	1	MkIV-1500
66	YKC1486	COVER, front prop' shaft joint	1	1500 models
		(BL always listed the above part for 1500 models but did not admit to production modification on the main floor assembly (i.e.: it was a cut to fit joint) for 1500 single rail models).		
67	AB608031	SCREW, cover retaining	3	
68	GHF712	SPIRE NUT	3	
69	XKC1673SAP	GEARBOX COVER, plastic	1	
	TT7325	GEARBOX COVER, fibreglass	1	aftermarket
70	713569GS	SEAL SET, gearbox cover	1	universal
71	XKC1673FK	FITTING KIT, gearbox cover	1	includes hardware only
72	FU25698	SPIRE NUT, gaiter retainer	4	
73	YH6508	SCREW, gearbox cover	8	
74	PWZ203	WASHER, plain	8	
75	608383	PLATE, shaped, gearbox	8	
76	GHF713	SPIRE CLIP, fitted to floor	8	
77	GHF712	SPIRE CLIP, gearbox cover	3	front
78	YH7406	SCREW, gearbox cover	3	upper
79	PWZ203	WASHER, plain	3	
85	715885Z	STRENGTHENER, LH	1	] inner
	715886Z	STRENGTHENER, RH	1	
86	718716	INNER ARCH, LH	1	] each arch includes
	718717	INNER ARCH, RH	1	
			1	1 x item 93
87	TT7968	CAPTIVE NUT, safety belt	2/4	
		(Quantity of 2 for static seat belts; 4 for inertia reel).		
95	911604	PANEL, wheel arch, inner, RH	1	] outer
	911603	PANEL, wheel arch, inner, LH	1	
96	SBP129	REPAIR PANEL, rear inner wheel arch, LH	1	] MkI-III
	SBP130	REPAIR PANEL, rear inner wheel arch, RH	1	
97	SBP159	REAR INNER WING, LH	1	
	SBP160	REAR INNER WING, RH	1	
98	TS51L	REAR REPAIR, lower half, LH	1	
	TS51R	REAR REPAIR, lower half, RH	1	
100	909661	INNER WING & ARCH, LH	1	] MkIV-1500
	909662	INNER WING & ARCH, RH	1	
101	TS50L	ARCH REPAIR, inner wing, LH	1	
	TS50R	ARCH REPAIR, inner wing, RH	1	
102	SBP161	REAR REPAIR, full height, inner wing, LH	1	
	SBP162	REAR REPAIR, full height, inner wing, RH	1	
103	TS51L	REAR REPAIR, lower half, LH	1	
	TS51R	REAR REPAIR, lower half, RH	1	
104	624397	SUPPORT, rear bumper	2	
105	714990	BRACKET, boot lid stay	1	



ill. Part Number Description Req. Details

Windscreen & Frame Assemblies

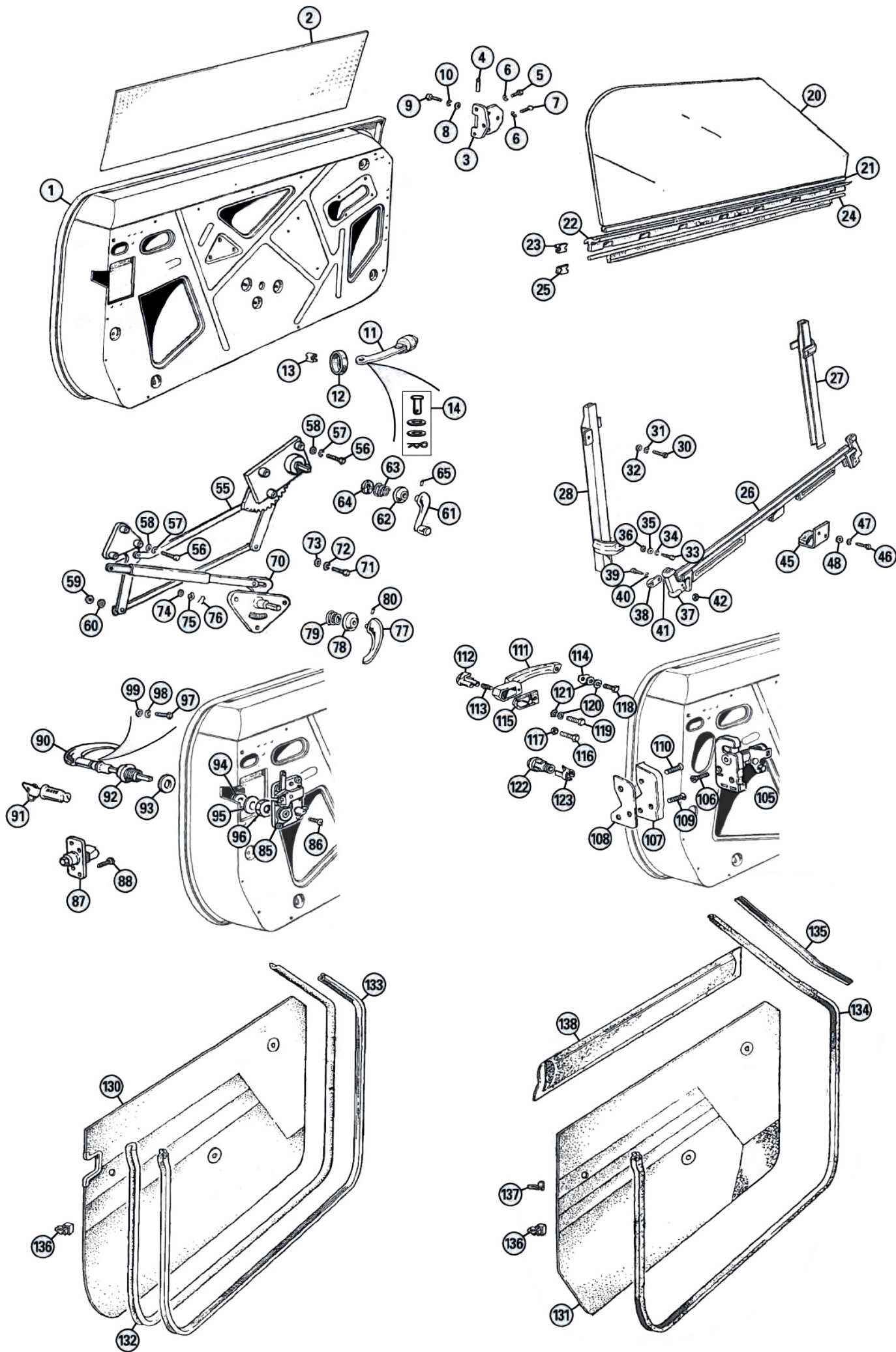
MkI-III

1	950119	FRAME ASSEMBLY, windscreen	1	
NI	GAC6029X	MOULDED FINISHER SET, frame, black	1	
2	611895	BRACKET, windscreen to soft top	2	
3	906707	GLASS, windscreen, laminated	1	
4	913442	RUBBER, glazing	1	
5	806178	MOULDING, finisher, RH	1	
6	806177	MOULDING, finisher, LH	1	
	613954	MOULDING, finisher, plastic	1	alternative to 806177/8
7	611437	CLIP, finisher moulding	2	1 req. for 613954
	708757	TRIM COVER, windscreen, RH, black	1	fitted from FC50001 on
	408756	TRIM COVER, windscreen, LH, black	1	
	708758	TRIM COVER, windscreen, top, black	1	
	708759	TRIM COVER, windscreen, bottom, black	1	
8	750158	BRACKET ASSEMBLY, mounting, RH	1	
9	750157	BRACKET ASSEMBLY, mounting, LH	1	
10	650313	PACKING, fibre, mounting bracket	2	
11	BH604101	BOLT	6	mounting bracket to A-post
12	WM93	WASHER, plain	2	
	WM57	WASHER, plain	4	
13	GHF331	WASHER, spring	6	
14	650130	RUBBER, sealing	1	windscreen to scuttle panel
15	611669	COVER, screen attachment plate	3	windscreen assembly to body
16	611640	BOLT	3	
17	W108052	WASHER, plain	3	
NI	505627	WASHER, medium	3	
NI	GHF332	WASHER, spring	3	
18	WP139	WASHER, plain	2	
19	GHF272	NUT, nyloc	2	
NI	FQ35074	NUT, retainer	2	mounting bracket to 'A' post
NI	GHF101	SCREW, set	2	

MkIV-1500

25	815397	FRAME, windscreen	1	
26	WKC4787	GLASS, windscreen, laminated	1	
26	917669	GLASS, windscreen, laminated, tinted	1	
27	909029	SEAL, rubber, glazing	1	
28	917248	BEADING, plastic, LH	1	
29	917249	BEADING, plastic, RH	1	
30	ZKC2099	CONNECTOR, windscreen beading	2	
31	624701	FINISHER, black, inner screen, LH	1	
	624711	FINISHER, black, inner screen, RH	1	
32	624691	FINISHER, black, upper screen	1	
33	911106	CAPPING, sindscreen, alloy	1	
		(When fitting the capping, ensure that sealing compound is used between it and the top of the windscreen frame. Retain the old capping as a pattern for the mounting rivet holes.)		
34	612976	PLUG, rubber, screen capping	2	req. when hardtop not fitted
35	RU608123	RIVET, capping to screen	9	

ill. Part Number Description Req. Details



ill.	Part Number	Description	Req.	Details
Doors & Fittings - Mkl-III				
Door Assembly				
1	903449	DOOR ASSEMBLY, RH	1	Mkl-II to (b) 56578FC
	903448	DOOR ASSEMBLY, LH	1	
	905693	DOOR ASSEMBLY, RH	1	Mkl-III from (b) 56579FC
	905692	DOOR ASSEMBLY, LH	1	
	TS11AL	DOOR SKIN, with holes, LH	1	Mkl-III
	TS11AR	DOOR SKIN, with holes, RH	1	
	TS11L	DOOR SKIN, without holes, LH	1	
	TS11R	DOOR SKIN, without holes, RH	1	
	CHM228	SOUND DEADENING PAD, single	2	
3	607824	HINGE, door	4	
4	607823	PIN, hinge	4	
5	HPZ508	SCREW, securing hinge	8	
6	GHF332	WASHER, spring	12	
7	SF605061	SCREW, securing hinge	4	
8	610042	SHIM, door hinge	4	
9	HPZ508	SCREW, hinge to A post	12	
10	GHF332	WASHER, spring	12	
11	613024	CHECK STRAP, door	2	
12	602821	SEAL, check strap	2	
13	613169	CLIP, seal to hinge pillar	4	from (c) FC63500 approx
14	613239	PIN KIT, check strap	2	
		(Includes clevis pin, washer & clip).		

Note: While the check straps were originally attached by rivets, the clevis pin arrangement offered here is more satisfactory (and easier to install).

Door Glass & Channel

20	806866	GLASS, door	2	
21	617166	MOULDING, door glass, rubber	2	
22	612792	WEATHER STRIP, outer	2	
23	613169	CLIP, securing weather strip	14	
24	612806	WEATHER STRIP, inner	2	
25	GHF1582	CLIP, securing weather strip	14/10	qty. of 10 from (c) FC50000
26	TS57R	CHANNEL, door window, bottom, RH	1	
	TS57L	CHANNEL, door window, bottom, LH	1	
27	706782	CHANNEL, door window, front, RH	1	
	706781	CHANNEL, door window, front, LH	1	
28	706786	CHANNEL, door window, rear, RH	1	to (b) 56578FC
	706785	CHANNEL, door window, rear, LH	1	
	709388	CHANNEL, door window, rear, RH	1	from (b) 56579FC
	709387	CHANNEL, door window, rear, LH	1	
30	SH604051	SCREW, front & rear channel, upper	4	
31	GHF331	WASHER, spring	4	
32	WP139	WASHER, plain	4	
33	SH604051	SCREW, front channel, lower	2	
	GHF101	SCREW, rear channel, lower	2	
34	GHF331	WASHER, spring	4	
35	WP139	WASHER, plain	4	
36	GHF314	WASHER, spacer	4	
37	619509	GUIDE BLOCK & STIFFENING	4	
38	613326	SPACER	4	
39	613049	SCREW, guide block fitting	4	
40	GHF331	WASHER, spring	4	
41	GHF300	WASHER, plain	4	
42	JN2107	NUT, glass stop	2	
45	613378	STOP BRACKET, lower	2	
46	PMZ308	SCREW, stop bracket	4	
47	WL700101	WASHER, spring	4	
48	WP5	WASHER, plain	4	

Window Regulator & Handles

55	807037	REGULATOR MECHANISM, window, RH	1	
	807036	REGULATOR MECHANISM, window, LH	1	
56	SH604041	SCREW, regulator	14	
57	GHF331	WASHER, spring	14	
58	GHF300	WASHER, plain	14	
59	607867	CLIP, regulator stud	4	
60	607902	WASHER, leather	8	
61	613017	HANDLE, window winder	2	
62	650261	ESCUTCHEON, handle	2	
63	603382	SPRING, escutcheon	2	
64	609649	WASHER, sponge	2	
65	ALH1527	PIN, door handle	2	

ill.	Part Number	Description	Req.	Details
Door Lock Linkages				
70	612834	REMOTE CONTROL & LINK, RH	1	to (b) 56578FC
	612833	REMOTE CONTROL & LINK, LH	1	
	618278	REMOTE CONTROL & LINK, RH	1	from (b) 56579FC to
	618277	REMOTE CONTROL & LINK, LH	1	
				LHD (c) FD20000 &
				RHD (b) 24043FD
	714651	REMOTE CONTROL & LINK, RH	1	LHD from (c) FD20000 &
	714650	REMOTE CONTROL & LINK, LH	1	RHD from (b) 24043FD
71	HU503	SCREW, remote control	6	
72	WL700101	WASHER, spring	6	
73	WP5	WASHER, plain	6	
74	GHF300	WASHER, plain	4	
75	550924	WASHER, wavy	2	
76	608703	CLIP, remote control link to lock	2	
77	608454	HANDLE, door, interior	2	
	608454Z	HANDLE, door, interior, aftermarket	2	
78	650261	ESCUTCHEON, door handle	2	
79	603382	SPRING, escutcheon	2	
80	ALH1527	PIN, door handle	2	

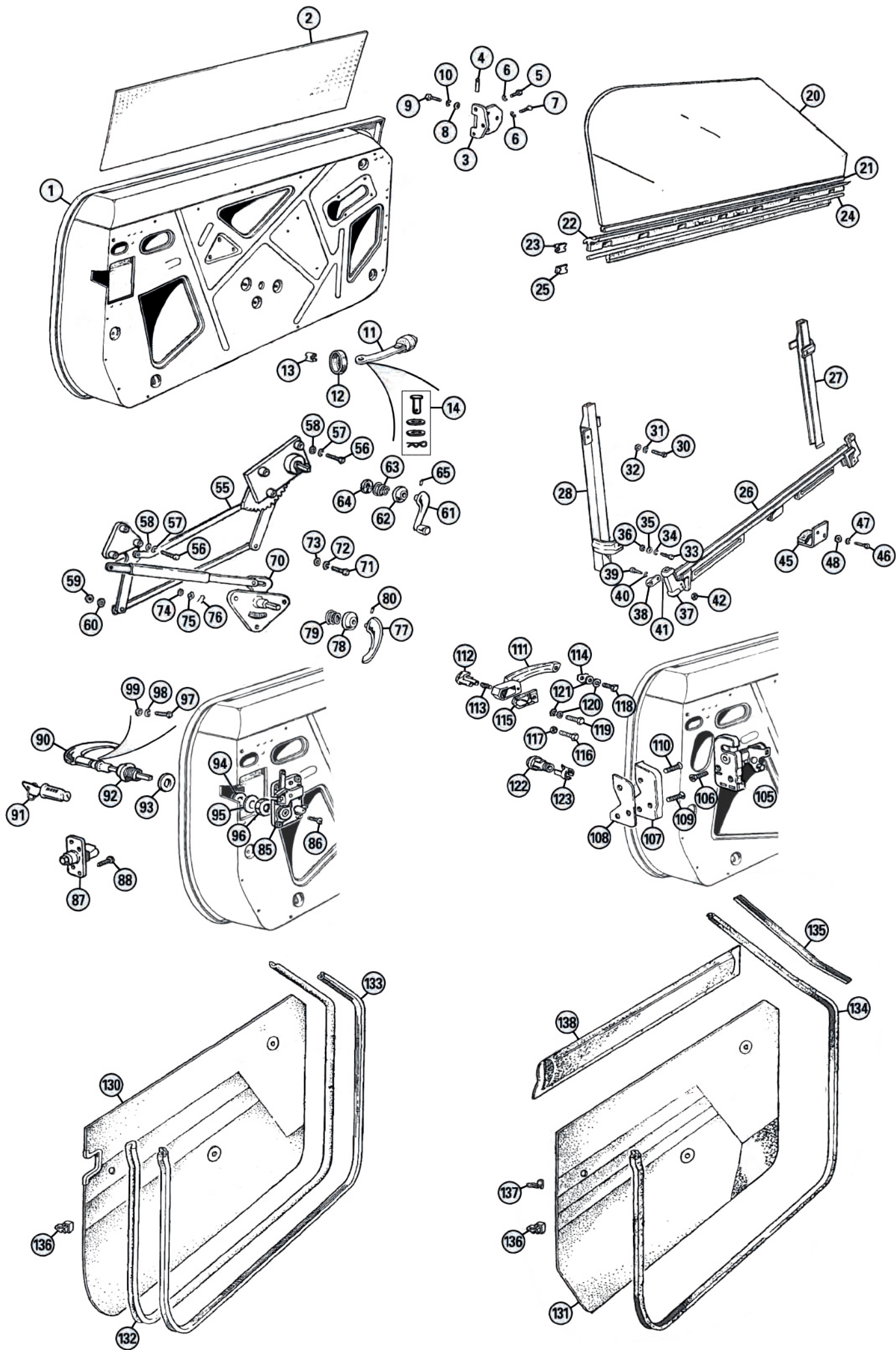
Door Locks & Handles - Mkl-II To (b) 56578FC

85	613041	LOCK, door, RHD, RH	1	
	613038	LOCK, door, RHD, LH	1	
	613039	LOCK, door, LHD, RH	1	
	613040	LOCK, door, LHD, LH	1	
	LBS101	LOCK, set	1	3 lock set, door, ignition, boot
86	PMZ308	SCREW, lock to door	8	
87	612856	STRIKER PLATE, door	2	
88	LX6503	SCREW, striker to B post	8	
90	613219	HANDLE, door, exterior, locking, RH	1	RHD
	613234	HANDLE, door, exterior, non-locking, LH	1	
	613235	HANDLE, door, exterior, non-locking, RH	1	LHD
	613218	HANDLE, door, exterior, locking, LH	1	
91	514202	BARREL LOCK, with 2 keys	1	fitted in locking handle only
92	613215	ESCUTCHEON, RH	1	
	613215	ESCUTCHEON, LH	1	
93	613217	PACKING, fibre	2	
94	613216	WASHER, rubber	2	
95	511487	WASHER, plain	2	
96	613609	RING, locking	2	
97	CMP308	SCREW, handle attachment	2	
98	WL230	WASHER, spring	2	
99	WK7605	WASHER, shakeproof	2	

Door Glass & Channel

In order to comply with USA Federal Safety requirements, some changes were made from (c) FD20000 LHD models to anti-burst door locks and consequential door and B post panel changes were introduced. This change was eventually implemented to all markets (RHD) from (b) 24043FD.

105	810292	LOCK, door, RH	1	
	810291	LOCK, door, LH	1	
	LBS109	LOCK, set	1	4 lock set, doors, ignition, boot
106	516158	SCREW, lock to door	6	from (b) 56579FC to
107	AHA7035	STRIKER, door, RH	1	LHD (c) FD20000 &
	AHA7036	STRIKER, door, LH	1	RHD (b) 24043FD
108	BHH342	SHIM, 0.032", striker to B post	2	
109	PMZ308	SCREW, striker to B post	4	
110	SF604081	SCREW, striker to B post	2	
105	907178	LOCK, door, RH	1	
	907177	LOCK, door, LH	1	
106	517148	SCREW, lock to door	6	LHD from (c) FD20000 &
107	621877	STRIKER, door, RH, no buffer, early	1	
	621876	STRIKER, door, LH, no buffer, early	1	
	CZA3310	STRIKER, door, RH, nylon buffer, late	1	
	CZA3311	STRIKER, door, LH, nylon buffer, late	1	
		(Note: early & late type door strikers are interchangeable)		
108	BHH341	SHIM, 0.064", striker to B post	2	
109	ZKC38	SCREW, striker to B post	4	
110	ZKC37	SCREW, striker to B post	2	
111	712837	HANDLE ASSEMBLY, door exterior	2	push button
112	571286	PUSH BUTTON	2	
113	571201	SPRING, push button	2	
114	617402	GASKET, handle to door, small	2	
115	617403	GASKET, handle rear to door, large	2	
116	571289	SCREW, lock actuating	2	
117	HN2005	NUT	2	from (b) 56579FC
118	HU503	SCREW, handle to door	2	
119	53K126	SCREW, handle to door	2	
120	WL700101	WASHER, spring	4	
121	WP5	WASHER, plain	4	
122	621773	LOCK ASSEMBLY, door, with 2 keys	2	



ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------	------	-------------	-------------	------	---------

Door Glass & Channel (Continued)

621773P	LOCK ASSEMBLY, door, pair, with 2 keys1	original clip fitting
621773PX	LOCK ASSEMBLY, door, pair, with 2 keys1	replacement nut type fitting

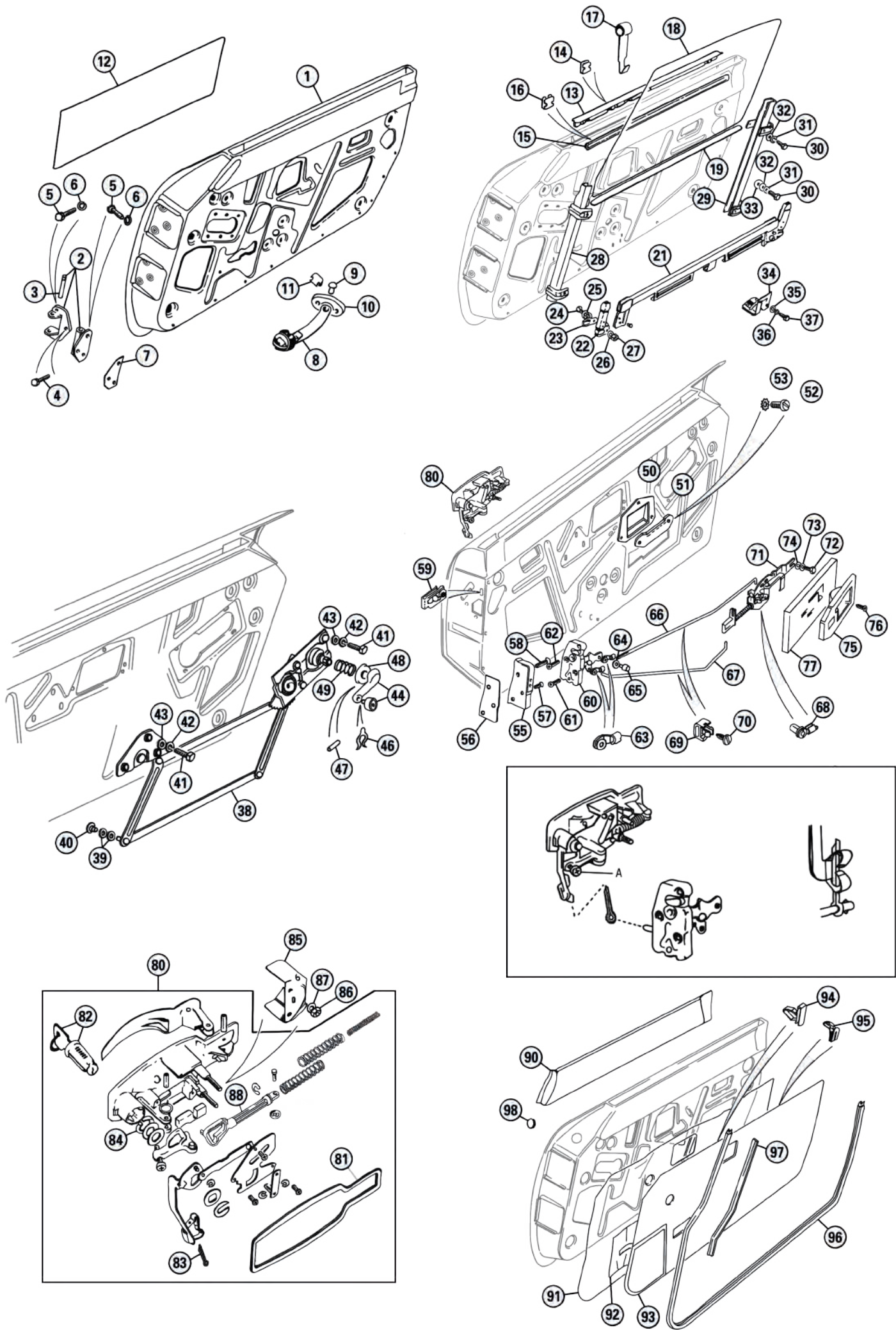
Note: The replacement type nut fixing private door locks are more positively located in the door skin by a nut rather than a spring clip. This means that if the original private door lock assembly has, during service, rotated in the door skin and worn the shape and size of its piercing the spring clip will only hold it in place, allowing it to rotate when key is operated.

123 37H3387	CLIP, spring, private lock	2
-------------	----------------------------	---

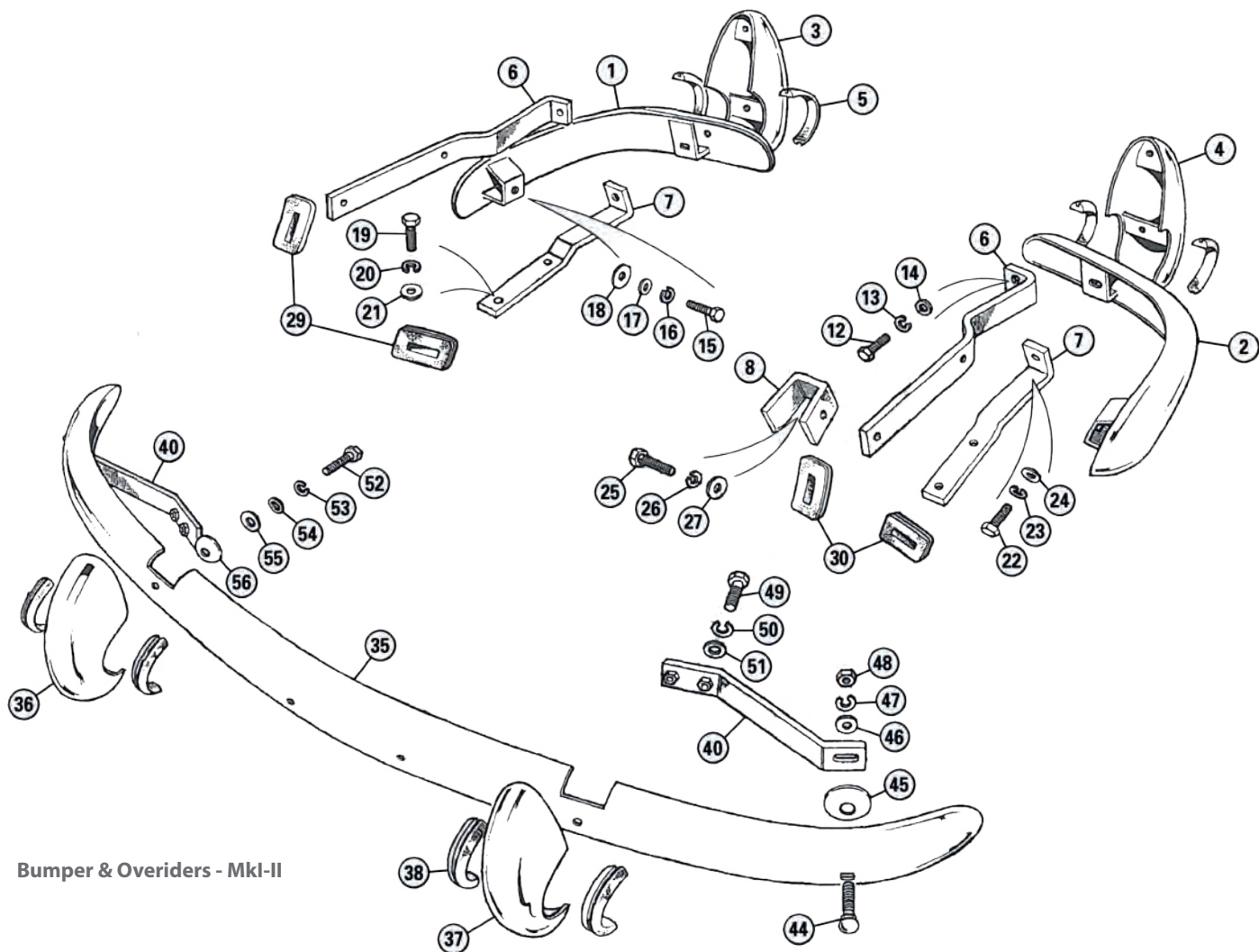
Door Trim & Seal - Mkl-III

All door panels are sold in pairs.

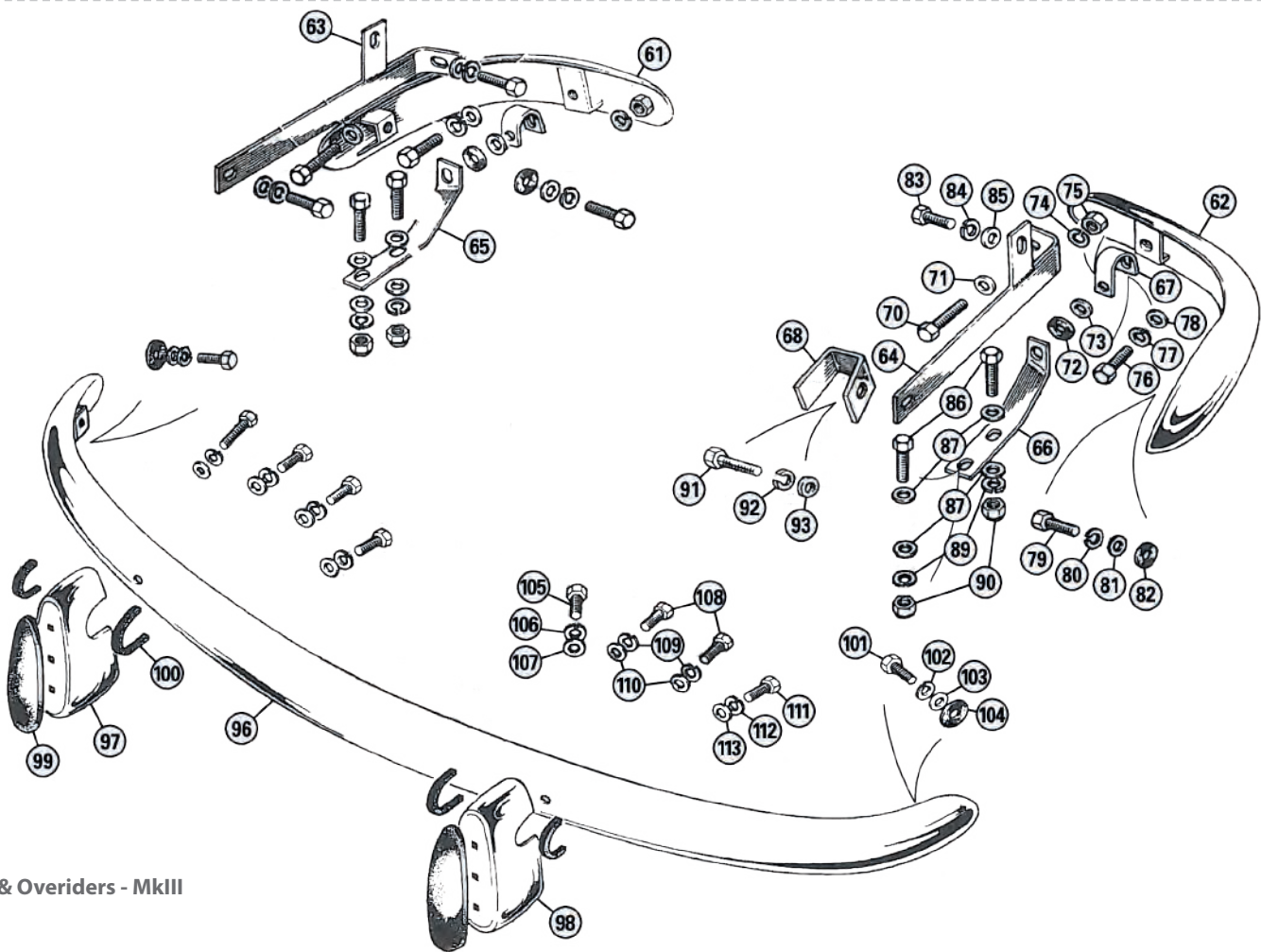
130 TKP71210	DOOR PANELS, black (pair)	1	Mkl
TKP71220	DOOR PANELS, red (pair)	1	
TKP71270	DOOR PANELS, midnight blue (pair)	1	
131 TKP72210	DOOR PANELS, black (pair)	1	MklII-III
TKP72220	DOOR PANELS, red (pair)	1	
TKP72232	DOOR PANELS, light tan (pair)	1	
TKP72234	DOOR PANELS, new tan (pair)	1	
TKP72270	DOOR PANELS, midnight blue (pair)	1	
TKP72271	DOOR PANELS, shadow blue (pair)	1	
132 613028	SEAL, door aperture, rubber	2	Mkl to (b) 8778FC
133 611600	DRAUGHT EXCLUDER, red	2	
611601	DRAUGHT EXCLUDER, black	2	
611602	DRAUGHT EXCLUDER, blue	2	Mkl-III from (b) 8779FC
134 631321	SEAL, door, felt/rubber	2	
135 620913	SEAL, upper A post, thick, sponge	2	
136 GHF1230	CLIP, trim panel to door	28	
137 GHF1230	CLIP, long, trim panel top edge to door	14	
138 727591	MOULDED COVER, waist rail, black, RH	1	
727581	MOULDED COVER, waist rail, black, LH	1	



ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
Doors & Fittings - MkIV-1500									
1	915361	DOOR SHELL, LH	1		64	WP3	WASHER, plain	2	
	915362	DOOR SHELL, RH	1		65	630079	PIN, adjusting	2	rod securing
	TS12L	DOOR SKIN, LH	1				(Remove when adjusting operating rod).		
	TS12R	DOOR SKIN, RH	1		66	819809	ROD, lock operating, adjustable	2	
2	607824	HINGE, door	4	with pin	67	819807	ROD, remote control, LH	1	lock mechanism
3	607823	PIN, hinge	4			819808	ROD, remote control, RH	1	
4	SF605061	SCREW, hinge to door	4		68	937609	CLIP & BUSH, rod securing	2	
5	SH605071	SCREW, hinge to door & 'A' post	20		69	364480	ROD GUIDE	4	
6	GHF332	WASHER, spring	20		70	577064	SCREW, guide securing	4	
7	610042	SHIM, door hinge	4		71	819801	HANDLE, door, interior, LH	1	
		(Use sealant when fitting the shim pieces to ensure against water ingress).				819802	HANDLE, door, interior, RH	1	
8	613024	CHECK STRAP, door	2		72	SH604041	SCREW, securing door handle	6	
9	613239	PIN KIT, check strap	2	clevis pin, washer & clip	73	GHF331	WASHER, spring	6	
		(While the check straps were originally attached by rivets, the clevis pin arrangement offered here is more satisfactory (and easier to install)).			74	GHF300	WASHER, plain	6	
10	602821	SEAL, check strap	2		75	819803	BEZEL, interior handle, LH	1	
11	613169	CLIP, seal to A post	4			819804	BEZEL, interior handle, RH	1	
12	CHM228	PAD, sound deadening	2		76	RMP306	SCREW, bezel securing	2	
13	612792	WEATHER STRIP, outer	2	door glass	77	632104	PACKING, foam	2	
14	613169	CLIP, outer	14	weather strip to door	80	915633	HANDLE, exterior, chrome, LH	1	To (c) FH100020
15	612806	WEATHER STRIP, inner	2	door glass		915634	HANDLE, exterior, chrome, RH	1	
16	GHF1582	CLIP, inner	10	weather strip to door		915633/4	HANDLE SET, exterior, chrome (pair)	2	
17	GAC9994X	WEATHER STRIP CLIP TOOL	1	for fitting weatherstrip clips		YKC2837	HANDLE, exterior, black, LH	1	From (c) FH100021
		(Apart from preventing water entering the door shells, new weatherstrips are a very efficient anti-rattle system for the door glasses).				YKC2838	HANDLE, exterior, black, RH	1	
						YKC2837/8	HANDLE SET, exterior, black (pair)	1	
18	WKC4647	GLASS, door, clear	2		Note: While door handles are available individually, it is preferable to replace them in pairs to ensure that one key still operates both doors. The unlisted door lock components in the illustration simply show the relative positions of the available parts. When fitting a new door handle we suggest you shape the split pin (item 83) to fit the shaft & then refit to the exterior door handle.				
	WKC4647T	GLASS, door, green tint	2		Also, once installed, adjust screw 'A' to give clearance in the lock plate. The height of the split pin has to be adjusted to make the linkage work correctly between inner and outer locks, once correct, open tails of split pin slightly to lock into position.				
19	617166	MOULDING, rubber	2	between glass & channel	81	577473A	GASKET, handle to door	1	
21	TS57L	CHANNEL, door window, LH	1		82	576469	BARREL LOCK, door	2	single, with two keys
	TS57R	CHANNEL, door window, RH	1			576469P	BARREL LOCK SET, door	1	matched pair, with two keys
22	619509	GUIDE BLOCK & STIFFENER	4		83	GHF505	SPLIT PIN	2	
23	613326	SPACER	4		84	520049	CLIP, retainer, lock barrel	2	
24	613049	SCREW, guide block fitting	4		85	724192	BRACKET, door handle	2	
25	GHF331	WASHER, spring	4		86	GHF206	NUT	4	
26	GHF300	WASHER, plain	4		87	WL700101	WASHER, spring	4	
27	JN2107	NUT	4		88	520260	ROD, operating LH	1	
28	706781	CHANNEL, window, front, LH	1			520261	ROD, operating RH	1	
	706782	CHANNEL, window, front, RH	1		90	727581	MOULDED COVER, waist rail, LH	1	black
29	709387	CHANNEL, window, rear, LH	1			727591	MOULDED COVER, waist rail, RH	1	black
	709388	CHANNEL, window, rear, RH	1		91	822559	WATER CURTAIN, large	2	
30	SH604051	SCREW, front & rear channels	8		92	632200	WATER CURTAIN, inner handle	2	
31	GHF331	WASHER, spring	8		93	TKP741210	DOOR PANELS, black (pair)	1	MkIV (1970-73)
32	WP139	WASHER, plain, small	8			TKP741220	DOOR PANELS, red (pair)	1	
33	GHF314	WASHER, plain, large	4	on lower bolts only		TKP741233	DOOR PANELS, beige (pair)	1	
34	613378	STOP BRACKET, lower	2	door drop glass		TKP741234	DOOR PANELS, new tan (pair)	1	
35	PWZ203	WASHER, plain	4			TKP741271	DOOR PANELS, shadow blue (pair)	1	
36	WL700101	WASHER, spring	4			TKP742210	DOOR PANELS, black (pair)	1	MkIV (1973-75)
37	HU505	SCREW, attaching stop bracket	4			TKP742233	DOOR PANELS, beige (pair)	1	
38	911271	REGULATOR, window winder, LH	1			TKP742234	DOOR PANELS, new tan (pair)	1	
	911272	REGULATOR, window winder, RH	1			TKP742235	DOOR PANELS, chestnut (pair)	1	
39	607902	WASHER, leather	8	both sides of lower channel		TKP742260	DOOR PANELS, grey, pair	1	
40	607867	CLIP, regulator stud	4			TKP742271	DOOR PANELS, shadow blue (pair)	1	
41	SH604041	SCREW, regulator	14			TKP741210	DOOR PANELS, black (pair)	1	1500
42	GHF331	WASHER, spring	14			TKP741220	DOOR PANELS, red (pair)	1	
43	GHF300	WASHER, plain	14			TKP742233	DOOR PANELS, beige (pair)	1	
44	621811	HANDLE, window winder	2		94	GHF1230	CLIP, trim panel to door	28	
46	NKC513	CLIP, retaining knob	2		95	GHF1232	CLIP, top edge of trim to door	16	
47	ALH1527	PIN, door handle	2		96	631321	SEAL, felt/rubber, black, pre-cut	2	
48	623843	ESCUTCHEON, door handle, black	2			724031M	SEAL, felt/rubber, black, per metre	a/r	alternative
49	603382	SPRING, escutcheon tensioning	2		Note: While black was the only draught excluder colour originally used, we can satisfy proud owners of cars with interiors in colours other than black with the following. By the way, when ordering draught excluder which is sold by the metre, five metres are required for two door apertures.				
50	716011	ESCUTCHEON, door pull	2	interior door handle		DER5001M	SEAL, felt/rubber, red	a/r	per metre
51	624634	DOOR PULL, stainless	2			DEL3220M	SEAL, woven/rubber, blue	a/r	
52	PT504	SCREW	6			KGF817M	SEAL, plastic/rubber, grey	a/r	
53	WE702101	WASHER, shakeproof	6		97	620403	SEAL	2	
55	621877	STRIKER, door, RH, no buffer, early	1				(Front edge of door glass fitted to windscreen frame).		
	621876	STRIKER, door, LH, no buffer, early	1						
	CZA3310	STRIKER, door, RH, nylon buffer, late	1						
	CZA3311	STRIKER, door, LH, nylon buffer, late	1						
		(Note: early & late type door strikers are interchangeable)							
56	BHH341	SHIM, striker plate, 0.064"	a/r						
	BHH342	SHIM, striker plate, 0.032"	a/r						
	ZKC6167	SHIM, striker plate, 0.010"	a/r						
57	ZKC38	SCREW, short	4						
		(Striker plate to B post middle & lower positions).							
58	ZKC37	SCREW, long	2	striker plate to B post, upper					
59	518454X	SPIRE NUT, 1/4" UNF	2						
60	914695	LOCK, door, LH	1						
	914696	LOCK, door, RH	1						
61	ZKC37	SCREW, long, lock to door	2	lower position only					
62	ZKC36	SCREW, short, lock to door	4	middle & upper positions					
63	GHF1180	CLIP, link	4	rod securing					



Bumper & Overriders - Mkl-II



Bumper & Overriders - MkIII

ill. Part Number Description Req. Details

Bumpers & Overiders - Mkl-III

Rear Bumper & Overiders - Mkl-II

1	811477	ASSEMBLY, rear corner bumper, RH	1	
2	811476	ASSEMBLY, rear corner bumper, LH	1	
3	706584	ASSEMBLY, overider, RH	1	
4	706583	ASSEMBLY, overider, LH	1	
5	552218	MOULDING, PVC	4	
6	612713	BAR, spring, rear overider, upper	2	] fitted to (b)
7	612712	BAR, spring, rear overider, lower	2	
	615825	BAR, spring, rear overider, upper	2	] fitted from (b)
	617813	BAR, spring, rear overider, lower	2	
8	706835	BRACKET, jack stowage	1	

Note: The jack stowage bracket is fitted to the rear bumper spring bar upper support, LH.

12	GHF103	SCREW, set	2	] fitted up to (b)
13	GHF332	WASHER, lock	2	
14	WM58	WASHER, plain	2	] FC14196 only
	BH605321	SCREW, set	2	
	PWZ205	WASHER, plain	2	] fitted from (b)
	615710	TUBE, spacer	2	
15	SH605061	SCREW, rear bumper side attachment	2	set
16	GHF332	WASHER, rear bumper side attachment	2	
17	WP139	WASHER, rear bumper side attachment	2	plain
18	608854	WASHER, rear bumper side attachment	2	
19	GHF105	BOLT, rear spring bars to body	8	] fitted to (b)
20	GHF333	WASHER, spring, rear spring bar to body	8	
21	WM59	WASHER, plain, rear spring bars to body	8	] FC14196 only
	GHF105	SCREW, set, lower spring bar to body	4	
	GHF333	WASHER, spring, lower spring bar to body	4	] fitted from (b)
	PWZ206	WASHER, plain, lower spring bar to body	4	
	GHF105	SCREW, set, upper spring bar to body	4	] FC14197 on
	GHF333	WASHER, spring, upper spring bar to body	4	
	PWZ206	WASHER, plain, lower spring bar to body	4	] FC14197 on
22	BH605201	BOLT	2	
23	GHF332	WASHER, spring	2	] fitted to (b)
24	WM58	WASHER, plain	2	
25	GHF105	BOLT, rear spring bars to body	8	] fitted to (b)
26	GHF333	WASHER, spring, rear spring bar to body	8	
27	WM59	WASHER, plain, rear spring bars to body	8	] FC14196 only
	GHF105	SCREW, set, lower spring bar to body	4	
	GHF333	WASHER, spring, lower spring bar to body	4	] fitted from (b)
	PWZ206	WASHER, plain, lower spring bar to body	4	
	GHF105	SCREW, set, upper spring bar to body	4	] FC14197 on
	GHF333	WASHER, spring, upper spring bar to body	4	
	PWZ206	WASHER, plain, lower spring bar to body	4	] FC14197 on
29	612621	GROMMET, rubber, RH	2	
30	612620	GROMMET, rubber, LH	2	] fitted to (b)
			2	

Front Bumper & Overiders - Mkl-II

35	806956	BAR, bumper, front	1	
36	706606	ASSEMBLY, overider, front, RH	1	
37	706605	ASSEMBLY, overider, front, LH	1	
38	552218	MOULDING, PVC, bumper to overider	4	
40	613501	BRACKET, support, outer assembly	2	
44	550090	BOLT, support bracket to bumper	2	
45	607085	PACKING, support bracket to bumper	2	
46	GHF316	WASHER, support bracket to bumper	2	plain
47	GHF333	WASHER, support bracket to bumper	2	
48	GHF202	NUT, support bracket to bumper	2	spring
49	SH605071	BOLT	4	
50	GHF332	WASHER, spring	4	] overider &
51	WM58	WASHER, plain	4	
52	BH505181	BOLT	2	bumper to
53	GHF332	WASHER, spring	2	
54	WM58	WASHER, plain	2	chassis bracket
55	511475	SPACER	2	
56	607085	PACKING	2	

Rear Bumper & Overiders - MkIII

61	811477	ASSEMBLY, rear corner bumper, RH	1	
62	811476	ASSEMBLY, rear corner bumper, LH	1	
63	712564	BAR, spring, upper, RH	1	
64	712563	BAR, spring, upper, LH	1	
65	712566	SUPPORT, rear bumper, RH	1	
66	712565	SUPPORT, rear bumper, LH	1	
67	621252	EXTENSION, support, rear bumper	2	
68	706835	BRACKET, jack stowage	1	

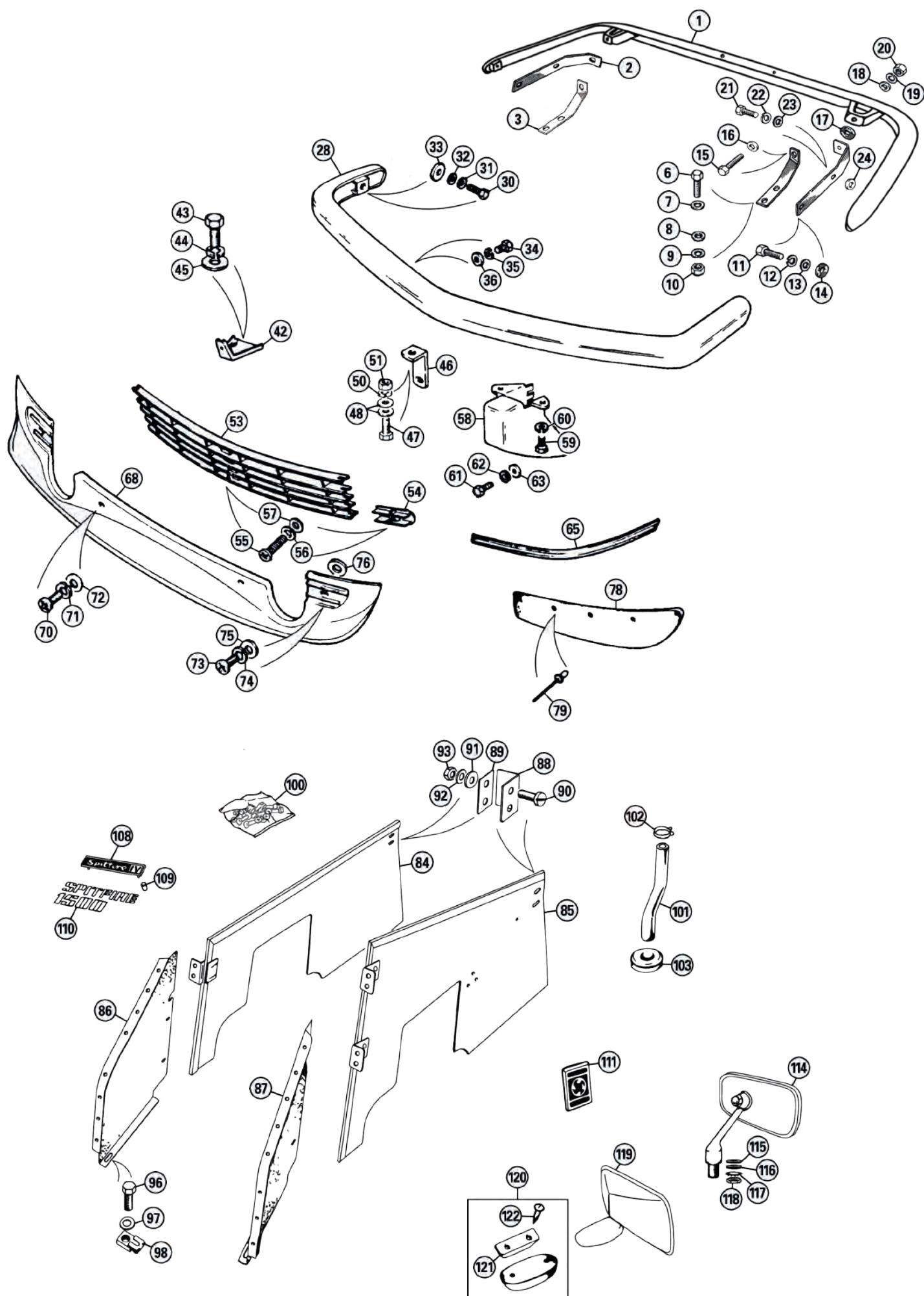
ill. Part Number Description Req. Details

Note: The jack stowage bracket is fitted to the rear bumper spring bar upper support, LH.

70	SH606141	SCREW, set	2	
71	WP9	WASHER, plain	2	
72	608854	WASHER, rubber	2	
73	WP9	WASHER, plain	2	
74	GHF333	WASHER, spring	2	
75	GHF202	NUT, spring & support bar to rear extension	2	
76	GHF103	SCREW, set, support extension to bumper	2	
77	GHF332	WASHER, spring	2	
78	WP17	WASHER, plain	2	
79	SH605061	SCREW, set, rear bumpers to body sides	2	
80	GHF332	WASHER, spring	2	
81	GHF315	WASHER, plain	2	
82	608854	WASHER, rear bumpers to body sides	2	
83	GHF105	SCREW, set, spring bar to rear wheelarch	2	
84	GHF333	WASHER, spring	2	
85	WP9	WASHER, plain	2	
86	GHF105	SCREW, set, support bar to boot floor	4	
87	WP9	WASHER, plain	8	
89	GHF333	WASHER, spring	4	
90	GHF202	NUT, support bar to boot floor	4	
91	GHF105	SCREW, set	2	
92	GHF333	WASHER, spring	2	
93	WP9	WASHER, plain	2	

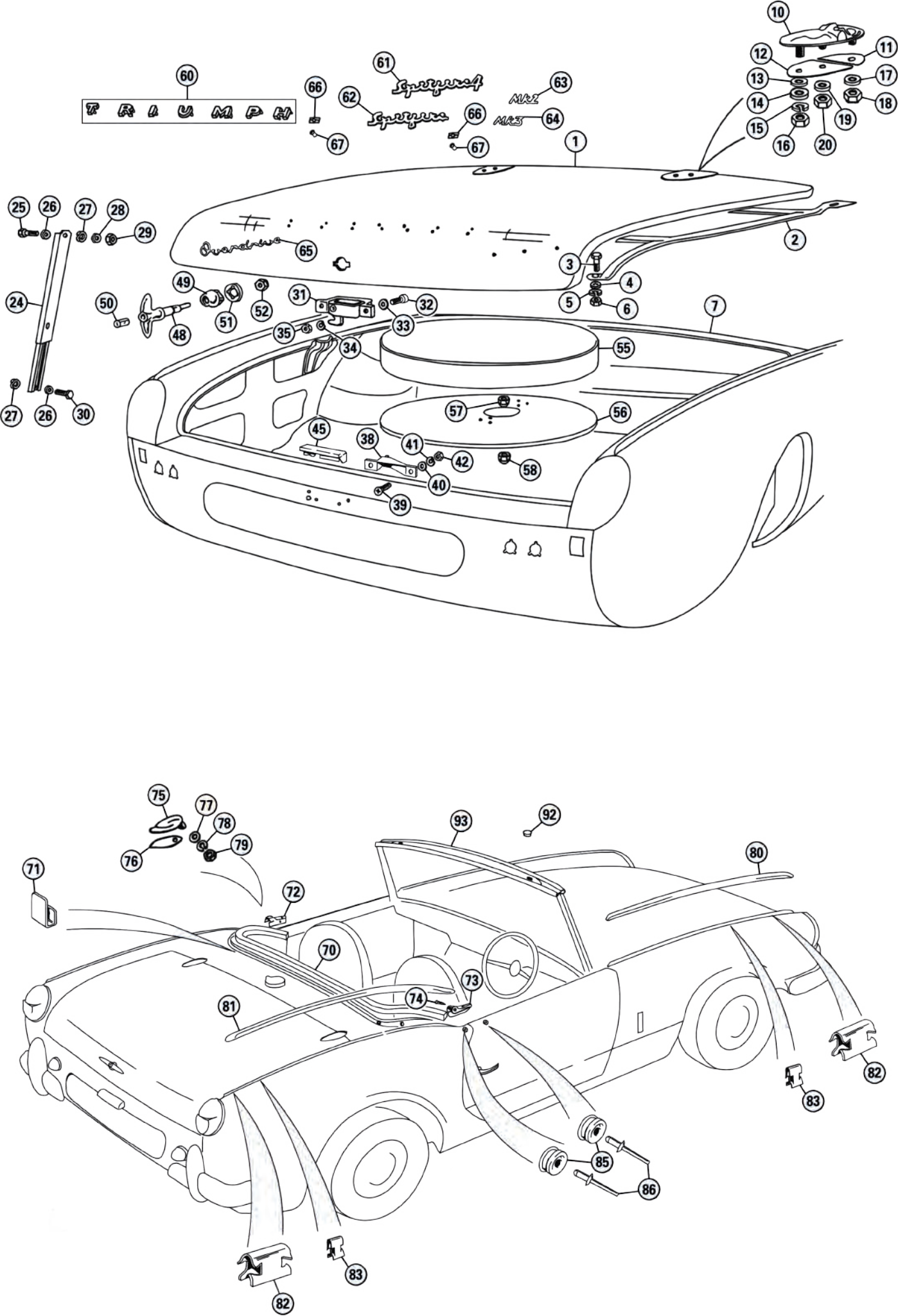
Front Bumper & Overiders - MkIII

96	811660	BAR, bumper, front	1	
	811660Z	BAR, bumper, front	1	aftermarket
97	712706	ASSEMBLY, overider, front, RH	1	
98	712705	ASSEMBLY, overider, front, LH	1	
99	BHH157	BUFFER, rubber, overider	2	
100	552218	MOULDING, PVC, bumper to overider	4	
101	SH605061	SCREW, set, front bumper to body	3	
102	GHF332	WASHER, spring, front bumper to body	3	
103	WP17	WASHER, plain, front bumper to body	3	
104	2K9679	WASHER, rubber, front bumper to body	2	
105	SH606071	SCREW, set	2	
106	GHF333	WASHER, spring	2	
107	WP9	WASHER, plain	2	
108	SH605061	SCREW, set, front bumper to body	3	
109	GHF332	WASHER, spring, front bumper to body	3	
110	WP17	WASHER, plain, front bumper to body	3	
111	SH606061	SCREW, set, overider to body, lower	2	
112	GHF333	WASHER, spring, overide to body, lower	2	
113	WP9	WASHER, plain, overider to body, lower	2	



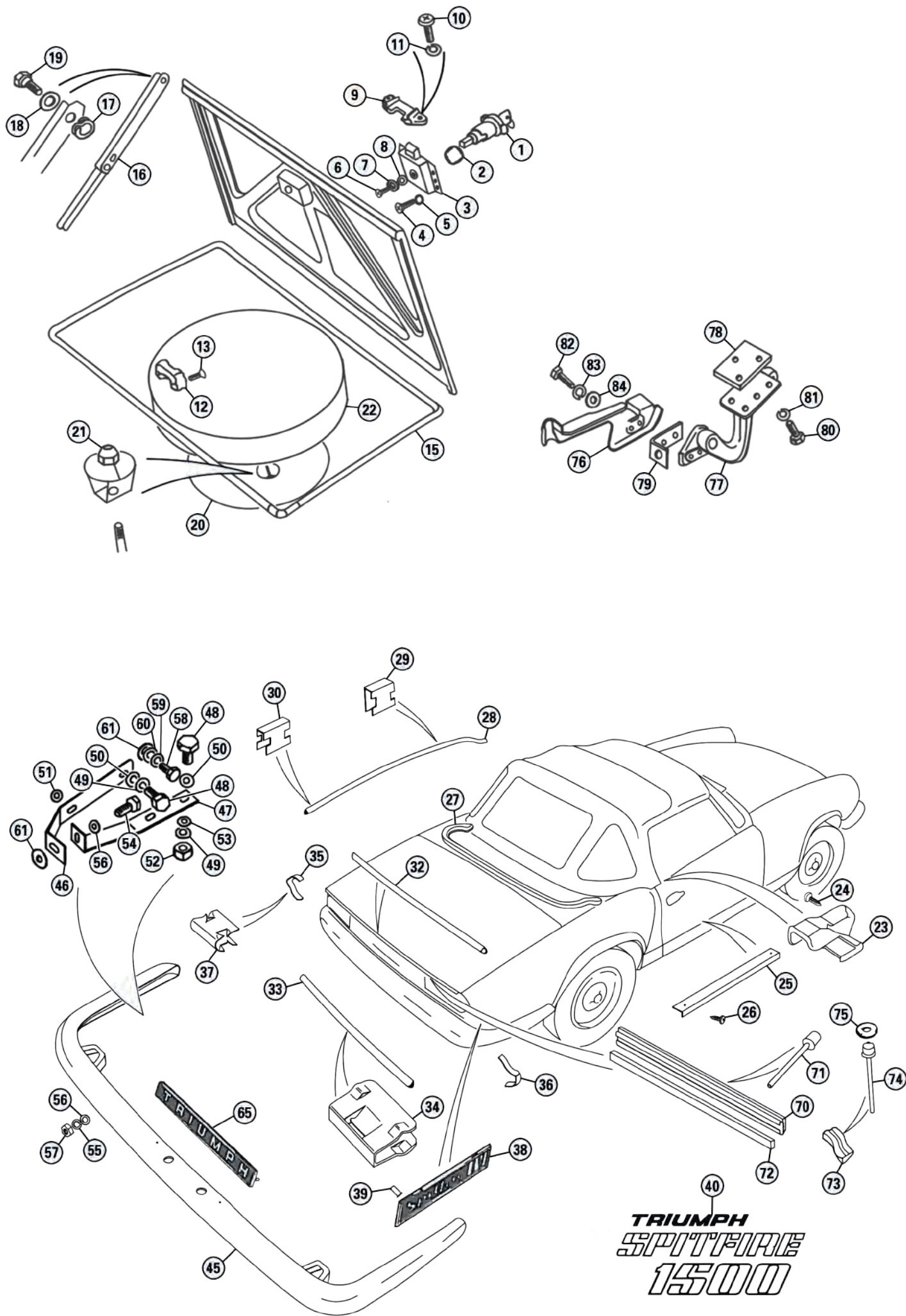
ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
Bumpers & Exterior Trim - MkIV-1500					89	615699	SUPPORT PLATE	2	
1	914698	BUMPER BAR, rear	1	to approx. FH116000	90	PT504	SCREW	4	
	914698Z	BUMPER BAR, rear, aftermarket	1	Chrome plinth	91	PWZ203	WASHER, plain	4	
				number plate lamp	92	WL700101	WASHER, spring	4	
	WKC3954	BUMPER BAR, rear, new	1	from approx. FH116001	93	HN2005	NUT	4	
	WKC3954Z	BUMPER BAR, rear, aftermarket	1	Two separate	96	GHF117	SCREW, retaining board	2	
				number plate lamps	97	GHF300	WASHER, plain	2	
2	715706	BRACKET, side strengthner	2		98	518454X	CAGED NUT, fitted to chassis	2	
3	715702	BRACKET, lower strengthner, RH	1		100		FITTING KIT	5	
	715701	BRACKET, lower strengthner, LH	1		101	612970	DRAIN TUBE	1	battery box to LH footwell
6	GHF105	SCREW, bracket	4	boot floor	102	CS4012	CLAMP, hose securing	1	wire type
7	PWZ206	WASHER, plain, (alternative)	4	bracket to screw head	103	613025	GROMMET	1	drain tube to floor
8	GHF302	WASHER, plain, (alternative)	4	nut to floor board	108	624730	BADGE, 'Spitfire IV'	1	MkIV models
9	GHF333	WASHER, spring	4		109	GHF1532	BUSH, badge fixing	2	
10	GHF202	NUT, bracket to boot floor	4		110	YKC1454	DECAL, black	1	1500
11	SH605061	SCREW, bumper to body side	2			YKC1455	DECAL, aluminium	1	
12	GHF332	WASHER, spring	2	screw to body side	111	725525	HOUSE BADGE, 'BL'	2	
13	WP139	WASHER, plain	2				(Self adhesive, silver on blue).		
14	2K9679	GASKET, bumper to body panel	a/r	1.5mm thick, alternative		CZH2717	HOUSE BADGE, 'BL', plastic	2	alternatives
	601994	GASKET, bumper to body panel	a/r	3.5mm thick, alternative			(Self adhesive, blue on silver).		
15	SH606121	SCREW, bumper to bracket, rear	2			CZH2717X	HOUSE BADGE, 'BL', metal	2	
16	PWZ206	WASHER, plain	2		114	560632	MIRROR, wing, 'D' type	a/r	
17	2K9679	GASKET, bumper to body panel	a/r	1.5mm thick, alternative		612306	MIRROR, wing	a/r	Switzerland only
	601994	GASKET, bumper to body panel	a/r	3.5mm thick, alternative			(For a greater selection of wing mirrors please see our accessories section.)		
18	PWZ206	WASHER, plain	2		115		WASHER, plain	a/r	
19	GHF333	WASHER, spring	2		116		SPACER	a/r	
20	GHF202	NUT, bumper	2		117		WASHER, star	a/r	
21	GHF105	SCREW, bracket	4		118		NUT	a/r	
22	GHF333	WASHER, spring	4		119	GAM258X	MIRROR, flat, clear, RH, polished	1	
23	PWZ206	WASHER, plain	4			GAM259X	MIRROR, flat, clear, LH, polished	1	
24	PWZ206	WASHER, plain	4			GAM261X	MIRROR, flat, clear, RH, black	1	MkIV-1500
28	WKC2543Z	BUMPER BAR, front	1			GAM262X	MIRROR, flat, clear, LH, black	1	
30	SH606101	SCREW, bumper to quarter valance	2			GAM215A	MIRROR, convex glass, RH, polished	1	
31	GHF333	WASHER, spring	2			GAM216A	MIRROR, convex glass, LH, polished	1	
32	GHF302	WASHER, plain	2						
33	2K9679	GASKET, bumper	2						
34	SH606071	SCREW, bumper to pivot bracket	2						
35	GHF333	WASHER, spring	2						
36	GHF302	WASHER, plain	2						
42	624591	BRACKET	1	grille to chassis					
43	GHF117	SCREW, bracket to chassis	1		120	CZA7164K	MOUNTING KIT, mirror	2	inc. pad, wedge & screws
44	GHF331	WASHER, spring	1		121	DZB5208A	WEDGE, mirror mounting	2	
45	WM57	WASHER, plain	1		122	AAU4809	SCREW, mirror mounting	4	
46	625886	BRACKET, number plate	2			YKC1097	SCREW, plated	2	
47	SH605051	SCREW	2						
48	WP127	WASHER, plain	4						
50	GHF331	WASHER, spring	2						
51	GHF200	NUT	2						
53	815026	FRONT GRILLE, black, plastic	1						
54	715863/4	GRILLE, outer section, (pair)	1						
55	PMZ312	SCREW, grille to mounting	3/1	only one of each required					
56	WL700101	WASHER, spring	3/1	when spoiler					
57	PWZ203	WASHER, plain	3/1	is fitted					
58	815277/8	UNDERRIDERS, pair	1	OE quality					
	815277FG	UNDERRIDER, LH, fibreglass	1						
	815278FG	UNDERRIDER, RH, fibreglass	1						
59	SH604071	SCREW, under-rider to bumper	4						
60	GHF331	WASHER, spring	4						
61	SH604051	SCREW, under-rider to chassis	2						
62	GHF331	WASHER, spring	2						
63	WM57	WASHER, plain	2						
65	716200	SEAL, quarter valance to bonnet	2						
68	GLZ608	SPOILER, front, ABS plastic	1						
	GLZ608FG	SPOILER, front, fibreglass	1						
70	PMZ312	SCREW, front spoiler to chassis	2						
71	WL700101	WASHER, spring	2						
72	WM91	WASHER, plain	2						
73	SE604061	SCREW, spoiler outer	2						
74	WL700101	WASHER, spring	2						
75	PWZ203	WASHER, plain	2						
76	WM832	WASHER, spacing	2/4	spoiler to quarter valance					
				(maximum 4 required).					
78	725670	DEFLECTOR, plastic	2	Germany only					
79	RU608253	RIVET, deflector to quarter valance	10						
84	808105	SIDE VALANCE, engine, RH	1	MkI-II					
	820715Z	SIDE VALANCE, engine, RH	1	MkIII-1500					
85	808104	SIDE VALANCE, engine, LH	1	MkI-II					
	569924Z	SIDE VALANCE, engine, LH	1	MkIII-1500					
		(Side valance panels come with front brackets, loose).							
86	706844	DEFLECTOR BOARD, radiator, plastic, RH	1	all models					
87	706843	DEFLECTOR BOARD, radiator, plastic, LH	1						
88	615706	BRACKET, valance attachment	2	weld to bulkhead					

Note: These mirrors are all supplied with mounting plate, wedge and screws. Up to FH80000, mirrors were always installed by a PDI (pre-delivery inspection) team at each local Triumph dealership. This allowed the new owner and option regarding which mirrors should be fitted. From FH80001 onwards, only black mirrors were offered as these were factory fitted at the factory.

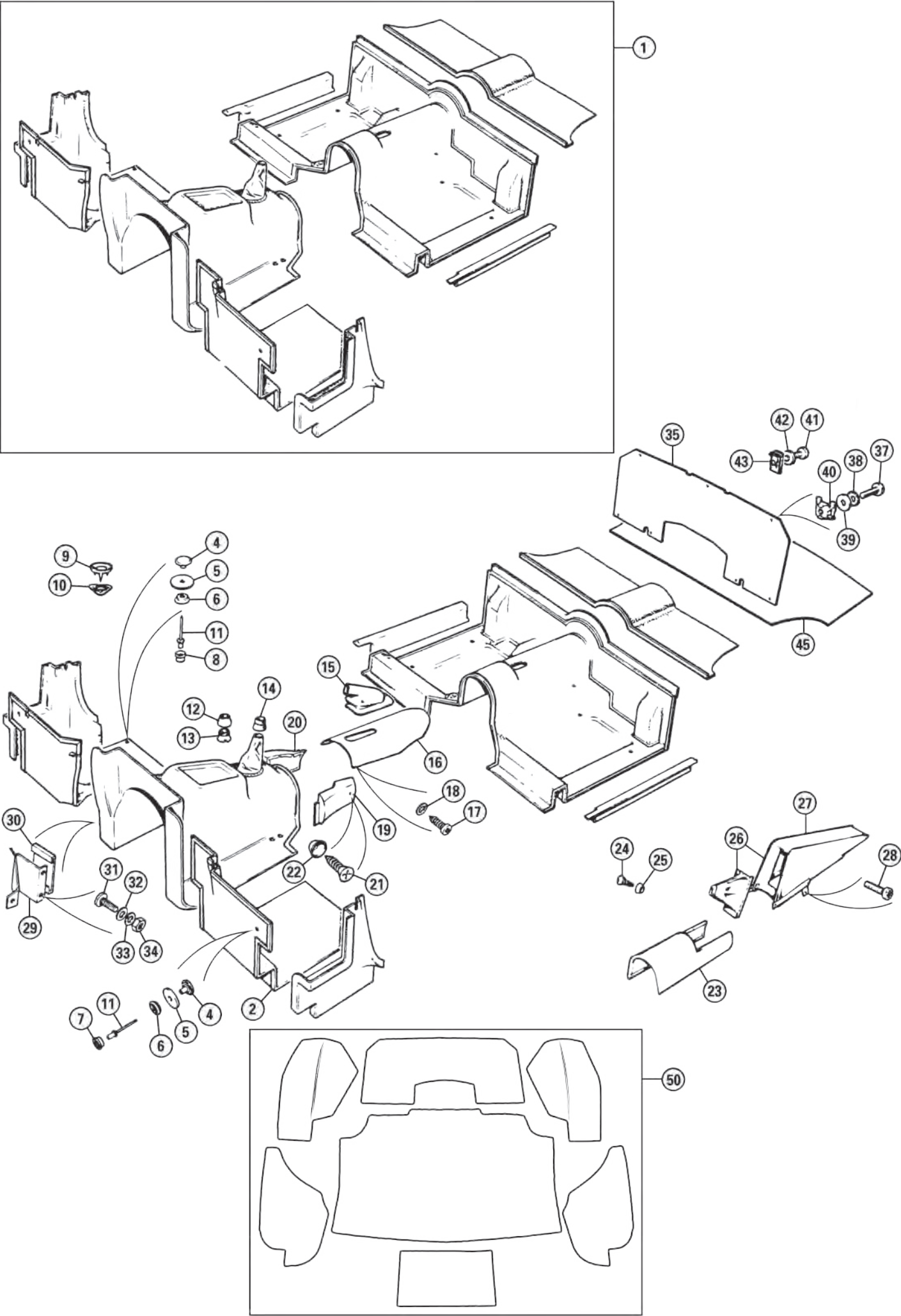


ill.	Part Number	Description	Req.	Details
Rear Body Trim & Fittings - MkI-III				
Boot Trim & Fittings				
1	TS65	ASSEMBLY, boot lid	1	
2	806831	ASSEMBLY, reinforcement	1	boot lid tube
NI	613859	REINFORCEMENT, lower centre tube	1	boot lid
NI	608643	PACKING, sponge rubber	6	
NI	510503	SCREW, set	1	
NI	509761	WASHER, plain	1	
NI	WL700101	WASHER, spring	1	
NI	HN2005	NUT	1	
3	GHF101	BOLT	2	securing reinforcement
4	GHF300	WASHER, plain	2	
5	GHF331	WASHER, spring	2	
6	GHF200	NUT	2	lower centre tube
7	613277	SEAL, boot lid	1	
10	604917/8	ASSEMBLY, hinge (pair)	1	
NI	552075	PIN, hinge	2	
11	603213	WASHER, fibre	2	hinge to rear deck
12	603212	WASHER, fibre	2	hinge to boot lid front
13	WP1067	WASHER, plain	2	hinge to lid and
14	WM0095	WASHER, distance	2	
15	GHF331	WASHER, spring	2	tube reinforcement
16	GHF200	NUT	2	
17	WM58	WASHER, plain	2	hinge to rear deck
18	GHF222	NUT, nyloc	2	
19	GHF300	WASHER, plain	2	hinge to boot lid front
20	GHF200	NUT	2	
24	612473	ASSEMBLY, boot lid stay	1	
25	612474	BOLT	1	stay to boot lid
26	WM93	WASHER, plain	2	
27	AJD7731	WASHER, thackery	2	
28	WM57	WASHER, plain	1	
29	GHF221	NUT, nyloc	1	stay to boot lid
30	22B525	SCREW, shouldered	1	stay to bracket
31	714485	LOCK, boot lid	1	
32	PMZ308	SCREW	2	lock to boot lid
33	GHF306	WASHER, plain	2	
34	WL700101	WASHER, spring	2	
35	HN2005	NUT	2	
38	611135	ASSEMBLY, catch plate	1	
39	PMZ308	SCREW	2	catch plate to spare wheel
40	WP5	WASHER, plain	2	
41	WL700101	WASHER, spring	2	
42	HN2005	NUT	2	pan & rear valance
45	613704	PLATE, protection	1	
48	607978	ASSEMBLY, handle, boot lid	1	boot lid to rear valance
49	600635	ESCUTCHEON	1	
50	557046	BARREL, lock	1	
51	600949	WASHER, seating, escutcheon	1	
52	GHF271	NUT, nyloc	1	handle to boot lid
55	568476	COVER, spare wheel	1	
56	706807	PANEL, cover, spare wheel	1	
57	113087	NUT, wheel, cover fixing	1	
58	113087	NUT, wheel, wheel fixing	1	
NI	571467	COVER, spare wheel	1	wire wheels only.
NI	617992	BOLT	1	
NI	617993	CAP	1	fitted to special order
60	703862SET	SET, letters	1	
	703862	LETTER, T	1	
	703863	LETTER, R	1	
	703864	LETTER, I	1	
	703865	LETTER, U	1	
	703866	LETTER, M	1	
	703867	LETTER, P	1	
	703868	LETTER, H	1	
61	613296	PLATE, name, 'Spitfire 4'	1	
62	621468	PLATE, name, 'Spitfire'	1	
63	618242	MEDALLION, 'Mk2'	1	
64	621467	MEDALLION, 'Mk3'	1	
65	603906	PLATE, overdrive	1	
66	PFS104	PLATE, fixing, letters	a/r	to body 2639FC
67	GHF1532	BUSH, fixing, medallion to boot lid	a/r	from body 2640FC
				alternative to FP1012/9

ill.	Part Number	Description	Req.	Details
Rear Body Trim & Fittings				
70	621482	FINISHER, flange, rear deck panel, black 1	MkIII	
	621801	FINISHER, flange, rear deck panel, soft top 1	MkIII	
		(Alternative to 621482 & 621802).		
	621802	FINISHER, flange, rear deck panel, hard top1	MkIII	
		(Alternative to 621482 & 621801).		
71	621628	CLIP, rear deck finisher attachment	14	MkIII
72	613165	FINISHER, 'B post', top, LH	1	to body 18813FC
	615691	FINISHER, 'B post', top, LH	1	from body 18814FC
73	613166	FINISHER, 'B post', top, RH	1	to body 18813FC
	615692	FINISHER, 'B post', top, RH	1	from body 18814FC
74	511786	SCREW, self tapping	2	
75	612789	CLIP, hood retaining	2	
76	612964	PACKING, hood retaining clip	2	
77	WM55	WASHER, plain	2	
78	WL700101	WASHER, spring	2	
79	HN2005	NUT, hex	2	
80	706556	FINISHER, front wing panel joint	2	
81	706557	FINISHER, rear wing, upper	2	to body 5463FC
	707319	FINISHER, rear wing, upper	2	from body 5464FC
82	613886	CLIP, wing finisher	8	ends of finishers
83	613766	CLIP, wing finisher	32	
85	610624	STUD, 'B post' finisher	a/r	
86	GHF600	RIVET, blind	a/r	
92	CD27769	PLUG, screen capping	2	to FC50000
	612976	PLUG, screen capping	2	from FC50001
93	806189	CAPPING, windscreen	1	
NI	552522	RIVET, capping attachment	11	

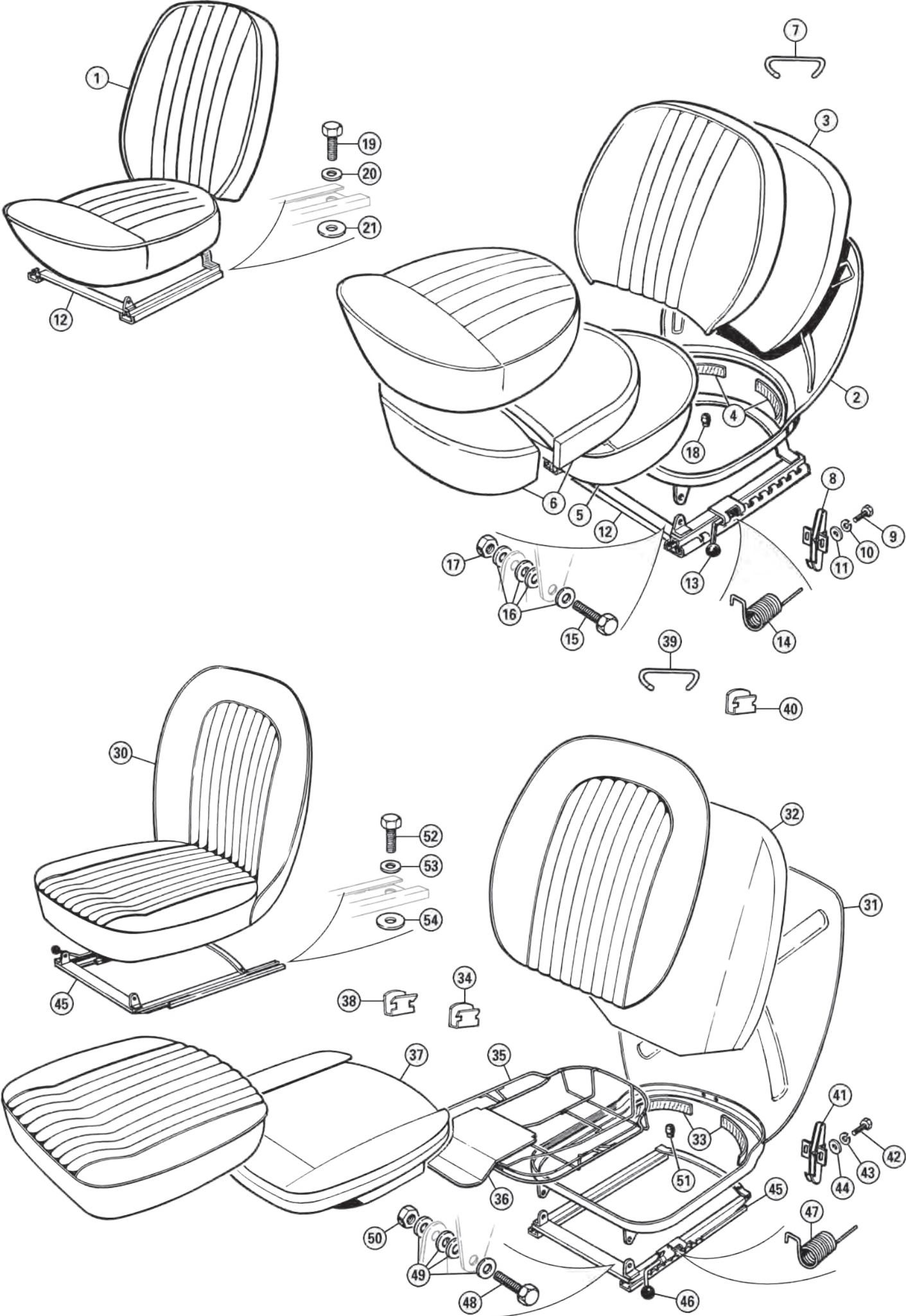


ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
Rear/Side Body Trim & Fittings - MkIV-1500									
1	729530	LOCK & BARREL	1			GHF316	WASHER, plain, (alternative)	2	packing bracket to body side, 2.5mm thick
	729530/B	BARREL & KEYS	1		52	GHF202	NUT, bracket of boot floor	4	
Note: Originally locks were available with a rotating cover for water protection. The lock design with a sliding cover in the keyhole is the only type currently available.					53	GHF302	WASHER, plain	4	nut to floor board
2	600949	GASKET, boot lock	1		54	SH606121	SCREW, bumper to bracket, rear	2	
3	710290	LOCK ASSEMBLY (latch)	1		55	GHF333	WASHER, locking, under nut	2	screw to bracket & bumper
4	CMZ310	SCREW, countersunk, lock	4		56	PWZ206	WASHER, plain	4	
5	WK7605	WASHER, shakeproof	4		57	GHF202	Nut, bumper	2	screw to body side
6	576156	SCREW, lock barrel	1		58	SH605061	SCREW, bumper to body side	2	
7	AJD7721	WASHER, thackery	1	tensioner screw	59	GHF332	WASHER, locking	2	screw to body side
8	PWZ203	WASHER, flat	1		60	WP139	WASHER, plain	2	
		(If the retaining screw is too tight, the spring return of the lock will not operate smoothly.)			61	2K9679	GASKET, bumper to body panel	a/r	1.5mm thick
9	619384	GUIDE PLATE, lock	1			601994	GASKET, bumper to body panel	a/r	
10	SE910201	SCREW	2		65	626859	BADGE, 'Triumph' (Fitted to number plate lamp plinth).	1	to approx. FH115600
11	WL700101	WASHER, locking	2		70	630578	RETAINER, protection moulding	1	
12	619383	CATCH/STRIKER	1		71	RU608123	RIVET, attaching retainer	13	Germany only
13	CX2508	SCREW	2		72	627900	PROTECTION MOULDING, rubber	1	
15	ZKC3442	SEAL, boot lid aperture	1		73	724028	MOULDING, corner protector, LH	1	
16	612473	BOOT STAY	1			724029	MOULDING, corner protector, RH	1	
17	WS600061	WASHER, thackery	2		74	569313	POP RIVET, corner moulding	6	
18	WB110061	WASHER, plain	2		75	PWZ203	WASHER, plain	6	
19	22B525	BOLT, shouldered, boot stay	2		76	814733	BRACKET, hinge, LH	1	
20	706807	BOARD, spare wheel	1	not suitable for centre lock wire wheels. Fit flat side downward for standard wheel & tyre		814734	BRACKET, hinge, RH	1	
21	113087	WHEEL NUT	1		77	YKC1355	HINGE, LH	1	
22	717601	COVER, spare wheel	1			715526	HINGE, RH	1	
23	815137	'B' POST CAPPING, LH	1		78	630767	PACKING, hinge to boot lid	a/r	
	815138	'B' POST CAPPING, RH	1		79	ZKC1267	BRACKET, boot lamp switch	1	
24	AD608053	SCREW, capping, retaining	2		80	SH605051	SCREW, boot lid	6	
25	GAC6066X	PLATE, threshold	2	ribbed alloy	81	GHF332	WASHER, locking	6	
	TT7346	PLATE, threshold	2	stainless steel	82	SH605061	SCREW, hinge	4	
					83	GHF332	WASHER, locking	4	
					84	WP139	WASHER, plain	4	
Note: polished with leaf design.					Authentic reproductions of the original commission and body number plates to complete your rebuild.				
26	575937	SCREW, self tapping	6		CNPSIV	COMMISSION PLATE	1	MkIV	
27	624801	MOULDING, rear cockpit	1	plastic	CNPS1500	COMMISSION PLATE	1	1500 (To October 1979)	
28	715693	SEAM MOULDING, black	2	rear wing top edge	TKC5766	VEHICLE IDENTIFICATION NUMBER PLATE	1	1500 (From October 1979)	
	715693C	SEAM MOULDING, s/steel	2		CRCP343	BODY NUMBER PLATE, blank	1	all models	
29	613766	CLIP, seam moulding	18						
30	613886	CLIP, seam moulding, rear	4						
32	715695	MOULDING, boot edge, stainless	1	MkIV					
	YKC3778	MOULDING, boot edge, black	1	1500					
NI	ZKC3735	END CAP	2	1500					
33	715697	MOULDING, stainless	1	MkIV					
		(Lower edge of rear light panel).							
	YKC1325	MOULDING, black	1	1500					
		(Lower edge of rear light panel).							
34	GHF1154	CLIP, rear mouldings	14						
35	815041	MOULDING, corner, light panel, LH	1	MkIV chrome					
	XKC1502	MOULDING, corner, light panel, LH	1	1500 black					
36	815042	MOULDING, corner, light panel, RH	1	MkIV chrome					
	XKC1503	MOULDING, corner, light panel, RH	1	1500 black					
37	613886	CLIP, corner moulding	8						
Note: Moulding clips should always be attached to the car body, then the moulding may be fitted. The clips holding the mouldings to the rear wing top edges (item 29) should be attached facing inwards and outwards alternately so that the mouldings may be sprung into place over them. Use plenty of flexible sealant when fitting mouldings nos. 32,33,35 & 36 to stop them from realising their potential as very efficient water traps.									
38	624733	BADGE, 'Spitfire IV'	2	rear wing					
39	GHF1532	BUSH, badge	4						
40	YKC1456	DECAL, 'Spitfire 1500', (boot lid)	1	black					
	YKC1457	DECAL, 'Spitfire 1500', (boot lid)	1	silver					
45	914698	BUMPER BAR, rear	1	to approx. FH116000					
	914698Z	BUMPER BAR, rear, aftermarket	1						
				number plate lamp					
	WKC3954	BUMPER BAR, rear, new	1	from approx. FH116001					
	WKC3954Z	BUMPER BAR, rear, aftermarket	1						
				Two separate number plate lamps					
46	715706	BRACKET, side strengthener	2						
47	715701	BRACKET, lower strengthener, LH	1						
	715702	BRACKET, lower strengthener, RH	1						
48	GHF105	SCREW, bracket	8	boot floor & body side					
49	GHF333	WASHER, locking	8						
50	PWZ206	WASHER, plain, (alternative)	8	bracket to screw head					
51	PWZ206	WASHER, plain, (alternative)	2	packing bracket to body side, 3.2mm thick					



ill.	Part Number	Description	Req.	Details
Carpet Sets & Boot Trim				
<p>Spitfire carpets have always posed a problem for 'aftermarket' suppliers. The severely contoured floor of the cockpit necessitates a moulded carpet and to produce such a thing you need a mould, and quite a large one at that. Several of them in fact. Unfortunately moulding quality carpet is also of different construction compared to conventional 'laying' type, which adds to the complexity of production.</p> <p>During the 1960's and 70's different specifications of carpet were in use to the ones marketed these days (which have to be flame resistant and rot-proof as well as mouldable). Even the type of construction has changed, so with the problems caused by trying to match new carpets with faded old ones, it can only be recommended to change complete sets. The good news is that moulded carpets are really easy to fit! The material currently used is tufted and as close to the original as can be found, and the set will fit all models.</p>				
1	CSA71110	CARPET SET, black	1	moulded
	CSA71120	CARPET SET, red	1	
	CSA71131	CARPET SET, biscuit	1	
	CSA71160	CARPET SET, grey	1	
	CSA71170	CARPET SET, blue	1	
	644-310	CARPET SET, black	1	non-moulded
	644-312	CARPET SET, red	1	
	644-311	CARPET SET, grey	1	
	644-313	CARPET SET, autumn leaf	1	
	644-314	CARPET SET, honey tan	1	
	644-315	CARPET SET, blue	1	
2	GAC6611X	FOOTWELL CARPETS, front, moulded	1	Triumph laurel
4	569254	BUTTON, durable dot	6	
5	WP126	WASHER, supporting socket	6	
6	7H9866	STUD, durable dot	6	
7	610624	STUD, durable dot	2	footwell carpet to bulkhead
8	611845	STUD, veltex, long	4	footwell and cross member carpets to floor
9	14G8736	SPIKE RING	a/r	invisible, alternative
10	CD23803	SOCKET	a/r	to items 4, 5 & 6
11	RU608123	RIVET, retaining stud	8	
12	618944	FERRULE, gaiter, chrome	1	Mkl-IV
13	619812	INSERT, threaded	1	MkIII-IV non-overdrive, may be used for Mkl-II
	618945	INSERT, threaded	1	MkIV overdrive
14	ZKC301	FERRULE, gaiter, black	1	1500
15	705789	GAITER, handbrake lever	1	
16	712536X	BOARD, handbrake, without gaiter	1	all models
17	AB608031	SCREW, self tapping	4	
18	PWP203	WASHER, plain	4	
19	TKP742711	KNEE PAD, black, LH	1	fine grain
	TKP742710	KNEE PAD, black, LH	1	
	TKP742735	KNEE PAD, chestnut, LH	1	coarse grain
	TKP742720	KNEE PAD, matador red, LH	1	
	TKP742734	KNEE PAD, new tan, LH	1	MkIV-1500
	TKP742771	KNEE PAD, shadow blue, LH	1	
	TKP742733	KNEE PAD, beige, LH	1	
20	TKP741711	KNEE PAD, black, RH	1	fine grain
	TKP741710	KNEE PAD, black, RH	1	
	TKP741735	KNEE PAD, chestnut, RH	1	coarse grain
	TKP741720	KNEE PAD, matador red, RH	1	
	TKP741734	KNEE PAD, new tan, RH	1	MkIV-1500
	TKP741771	KNEE PAD, shadow blue, RH	1	
	TKP741733	KNEE PAD, beige, RH	1	
21	AD608063	SCREW, retaining knee pad	2	
22	CD24153	WASHER, cup	2	
23	TKP7411	COVER, tunnel, black	1	1500 from (c) FH80000 to (c) FH113678
	TKP7410	COVER, tunnel, black	1	1500 from (c) FH113679
24	AD610053	SCREW, centre cover	4	
25	517711	WASHER, cup, black	4	
26	TKP74511	ARMREST ASSEMBLY, vinyl, black	1	fine grain
	TKP74510	ARMREST ASSEMBLY, vinyl, black	1	
	TKP74533	ARMREST ASSEMBLY, vinyl, beige	1	coarse grain
	TKP74535	ARMREST ASSEMBLY, vinyl, chestnut	1	
	TKP74520	ARMREST ASSEMBLY, vinyl, red	1	MkIV-1500
	TKP74534	ARMREST ASSEMBLY, vinyl, new tan	1	
	TKP74571	ARMREST ASSEMBLY, vinyl, blue	1	
27	TKP74511	COVER, armrest, vinyl, black	1	fine grain
	TKP74510	COVER, armrest, vinyl, black	1	
	TKP74533	COVER, armrest, vinyl, beige	1	coarse grain
	TKP74535	COVER, armrest, vinyl, chestnut	1	
	TKP74520	COVER, armrest, vinyl, red	1	MkIV-1500
	TKP74534	COVER, armrest, vinyl, new tan	1	
	TKP74571	COVER, armrest, vinyl, blue	1	
(The change of the black vinyl grain in the trim on 1977 & future Spitfires is visually very obvious. Special care should be taken to ensure that replacement items are of a grain which matches the original items to be retained in the car).				
28	GHF421	SCREW, retaining armrest	4	

ill.	Part Number	Description	Req.	Details
29	613362	FOOT REST	1	
30	611822	PAD, foot rest, rubber	1	positioned on driver's
31	PMZ308	SCREW	3	side of gearbox
32	PWZ203	WASHER, plain	3	tunnel, RHD
33	WL700101	WASHER, spring	3	only
34	HN2005	NUT	3	
35	806981	BOARD, boot trim, fuel tank cover	1	Mkl-III
	YKC1431	BOARD, boot trim, fuel tank cover	1	MklIV-1500 with boot lamp aperture
37	SE910201	SCREW, trim board	7	
38	WE702101	WASHER, shakeproof	7	alternative to 41, 42 & 43
39	PWZ203	WASHER, plain	7	usually fitted to Mkl to MkIV
40	FZ34044	NUT, retaining	7	
41	AB608054	SCREW, self tapping	7	
	509161	SCREW, UNF, alternative	7	alternative to
42	PWZ203	WASHER, plain	7	37, 38, 39 & 40
43	ARH596	SPIRE NUT	7	usually fitted to 1500
45	809716	MAT, boot floor, original, black	1	hardura felt material
<p>If you are not keen on the bare painted boot area, these boot carpet sets are ideal. The set has been developed to cover the entire inside which not only makes it look good, but also acts as a sound deadening kit. A hardboard bulkhead panel covered in carpet is included, along with a pair of boards also covered in carpet which fit over the wheel arches, a pair of carpeted wheel arch covers and a carpet floor mat.</p>				
50	CSA71210	BOOT CARPET SET, black	1	
	CSA71250	BOOT CARPET SET, green	1	
	CSA71270	BOOT CARPET SET, blue	1	Mkl-III
	CSA71220	BOOT CARPET SET, red	1	
	CSA71231	BOOT CARPET SET, biscuit	1	
	CSA74210	BOOT CARPET SET, black	1	
	CSA74250	BOOT CARPET SET, green	1	
	CSA74270	BOOT CARPET SET, blue	1	MkIV-1500
	CSA74220	BOOT CARPET SET, red	1	
	CSA74260	BOOT CARPET SET, grey	1	
	CSA74231	BOOT CARPET SET, biscuit	1	



ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------

Seats & Fittings - Mkl-III**Seat Covers & Components - Mkl**

Seat covers are sold as a car set for both seats, with two base (cushion) & two back (squab) covers and clips.

1	SCA7101110	SEAT COVER SET, vinyl , black/white	1	Mkl
	SCA7101120	SEAT COVER SET, vinyl , red/white	1	
	SCA7101170	SEAT COVER SET, vinyl , midnight blue/white	1	
	SCL7101110	SEAT COVER SET, leather, black/white	1	
	SCL7101120	SEAT COVER SET, leather, red/white	1	
	SCL7101170	SEAT COVER SET, leather, midnight blue/white	1	

The seat frame assembly changed for the Mkl models at (c) FC30624 (black trim), (c) FC30697 (blue trim) and (c) FC30889 (red trim). The later type frames (part nos. 903893 & 903892) were also used for the MkIII models.

2	903332	SEAT FRAME ASSEMBLY, RH	1	to (c) F30624 (black), (c) FC30697 (blue), (c) FC30889 (red)
	903331	SEAT FRAME ASSEMBLY, LH	1	
	903893	SEAT FRAME ASSEMBLY, RH	1	
	903892	SEAT FRAME ASSEMBLY, LH	1	
3	TSF203	PAD KIT, seat back	2	
4	613420	TACKING STRIP, seat squab	2	
5	903509	CASE, cushion	2	
6	TSF202	SEAT FOAM, base, 2 piece	2	
7	561785	HOG RING, cover to assembly to frame	a/r	
8	613435	HOOK, seat retention	2	
9	HU505	SCREW, set	4	securing retention hook to seat
10	WL700101	WASHER, spring	4	
11	WP5	WASHER, plain	4	
12	813494LWR	SEAT RUNNER, RH	1	
	813493LWR	SEAT RUNNER, LH	1	
13	609966	KNOB, seat runner	2	
14	609965	SPRING, seat catch rod, RH	1	
	609964	SPRING, seat catch rod, LH	1	
15	SH605071	SCREW, set	4	seat runner to seat
16	GHF301	WASHER, plain	16	
17	GHF222	NUT, nyloc	4	
18	608297	PLUG, rubber, seat slide to seat	4	
19	GHF117	SCREW, set	8	seat runner to floor
20	GHF300	WASHER, plain	8	
21	WP48	WASHER, plain	4	

(Between seat slide and carpet, required when carpet fitted).

Seat Covers & Components – MkII-III

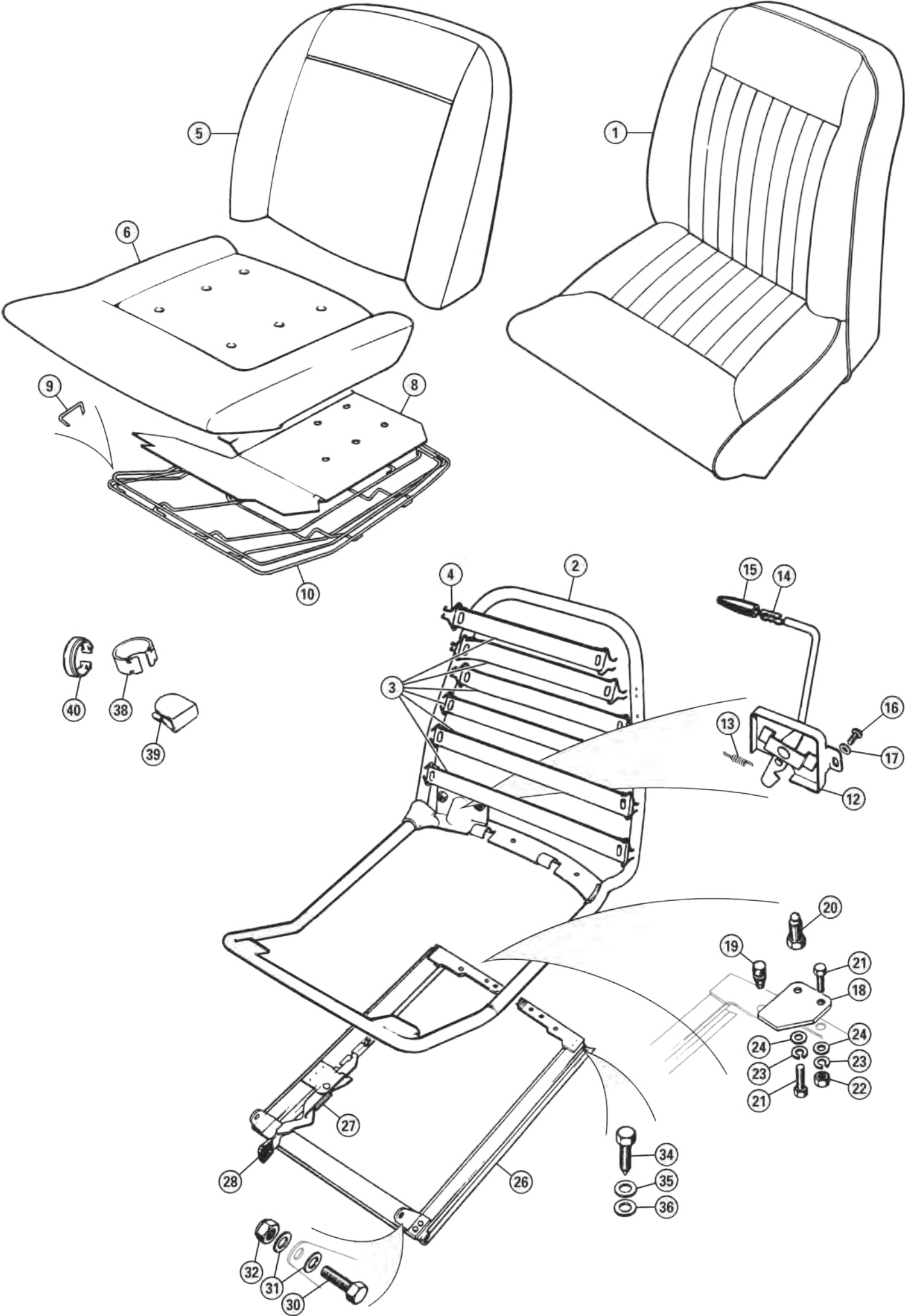
Seat covers are sold as a car set for both seats, with two base (cushion) & two back (squab) covers and clips.

30	SCA7201110	SEAT COVER SET, vinyl , black/white	1	MkII-III
	SCA7201120	SEAT COVER SET, vinyl , red/white	1	
	SCA7201132	SEAT COVER SET, vinyl, light tan/light tan	1	
	SCA7201134	SEAT COVER SET, vinyl, new tan/white	1	
	SCA7201170	SEAT COVER SET, vinyl, midnight blue/white	1	
	SCA7201171	SEAT COVER SET, vinyl, shadow blue/white	1	
	SCL7201110	SEAT COVER SET, leather, black/white	1	
	SCL7201120	SEAT COVER SET, leather, red/white	1	
	SCL7201170	SEAT COVER SET, leather, midnight blue/white	1	
	SCA7323210	SEAT COVER SET, vinyl, black	1	
	SCA7323220	SEAT COVER SET, vinyl, red	1	
	SCA7323232	SEAT COVER SET, vinyl, light tan	1	MkIII (1968)
	SCA7323234	SEAT COVER SET, vinyl, new tan	1	
	SCA7323270	SEAT COVER SET, vinyl, midnight blue	1	low back USA only
	SCL7323210	SEAT COVER SET, leather, black	1	
	SCL7323220	SEAT COVER SET, leather, red	1	
	SCA7324210	SEAT COVER SET, vinyl, black	1	
	SCA7324220	SEAT COVER SET, vinyl , red	1	
	SCA7324232	SEAT COVER SET, vinyl, light tan	1	MkIII (1969-70)
	SCA7324270	SEAT COVER SET, vinyl, midnight blue	1	
	SCL7324210	SEAT COVER SET, leather , black	1	high back USA only
	SCL7324220	SEAT COVER SET, leather , red	1	
	SCL7324232	SEAT COVER SET, leather , light tan	1	
	SCL7324270	SEAT COVER SET, leather , midnight blue	1	
31	903893	SEAT FRAME ASSEMBLY, RH	1	
	903892	SEAT FRAME ASSEMBLY, LH	1	
32	TSF203	PAD KIT, seat back	2	
33	613420	TACKING STRIP, seat squab	4	
34	610520	CLIP, trim, squab cover to valance	16	
35	810393	CASE, cushion	2	
36	708092	BASE, cushion	2	
37	TSF204	SEAT FOAM, base	2	
38	619822	CLIP, trim, cushion to seat frame	8	

ill.	Part Number	Description	Req.	Details
39	561785	HOG RING, cushion cover to frame	20	
40	610520	CLIP, cushion cover to frame	34	
41	613435	HOOK, seat retention	2	
42	HU505	SCREW, set	4	securing retention hook to seat
43	WL700101	WASHER, spring	4	
44	WP5	WASHER, plain	4	
45	813494LWR	SEAT RUNNER, RH	1	
	813493LWR	SEAT RUNNER, LH	1	
46	609966	KNOB, seat runner	2	
47	609965	SPRING, seat catch rod, RH	1	
	609964	SPRING, seat catch rod, LH	1	
48	SH605071	SCREW, set	4	seat runner to seat
49	GHF301	WASHER, plain	16	
50	GHF222	NUT, nyloc	4	
51	608297	PLUG, rubber, seat slide to seat	4	
52	GHF117	SCREW, set	8	seat runner to floor
53	GHF300	WASHER, plain	8	
54	WP48	WASHER, plain	4	

(Between seat slide and carpet, required when carpet fitted).

For seat belts please refer to the Accessories section.



ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------	------	-------------	-------------	------	---------

Seats & Fittings - Non-Reclining - MkIV (1970-73)

Seat Cover Sets

These seat covers are suitable for non reclining seats (all markets to (c) FH50000). Seat covers are sold as a car set for both seats, with two base (cushion) & two back (squab) covers. They do not have pre-cut headrest holes. A complete set of replacement fixing clips are included. For seat belts please refer to the Accessories section.

1	SCA7401110	SEAT COVER SET, vinyl, black	1	MkIV (1970-73)
	SCA7401120	SEAT COVER SET, vinyl, matador red	1	
	SCA7401134	SEAT COVER SET, vinyl, new tan	1	
	SCA7401160	SEAT COVER SET, vinyl, grey	1	
	SCA7401170	SEAT COVER SET, vinyl, shadow blue	1	
	SCL7401110	SEAT COVER SET, leather, black	1	
	SCL7401120	SEAT COVER SET, leather, matador red	1	
	SCL7401134	SEAT COVER SET, leather, new tan	1	
	SCL7401160	SEAT COVER SET, leather, grey	1	
	SCL7401170	SEAT COVER SET, leather, shadow blue	1	
	SCA7424210	SEAT COVER SET, vinyl, black	1	MkIV (1971-73) high back USA only
	SCA7424232	SEAT COVER SET, vinyl, light tan	1	
	SCA7424220	SEAT COVER SET, vinyl, red	1	
	SCA7424234	SEAT COVER SET, vinyl, new tan	1	
	SCA7424270	SEAT COVER SET, vinyl, shadow blue	1	
	SCL7424210	SEAT COVER SET, leather, black	1	
	SCL7424220	SEAT COVER SET, leather, red	1	
	SCL7424234	SEAT COVER SET, leather, new tan	1	
	SCL7424270	SEAT COVER SET, leather, shadow blue	1	
	SCP7424210	SEAT COVER SET, perforated vinyl, black	1	
	SCP7424233	SEAT COVER SET, perforated vinyl, black	1	
	SCP7424235	SEAT COVER SET, perforated vinyl, black	1	

Note: Seat covers are sold in pairs.

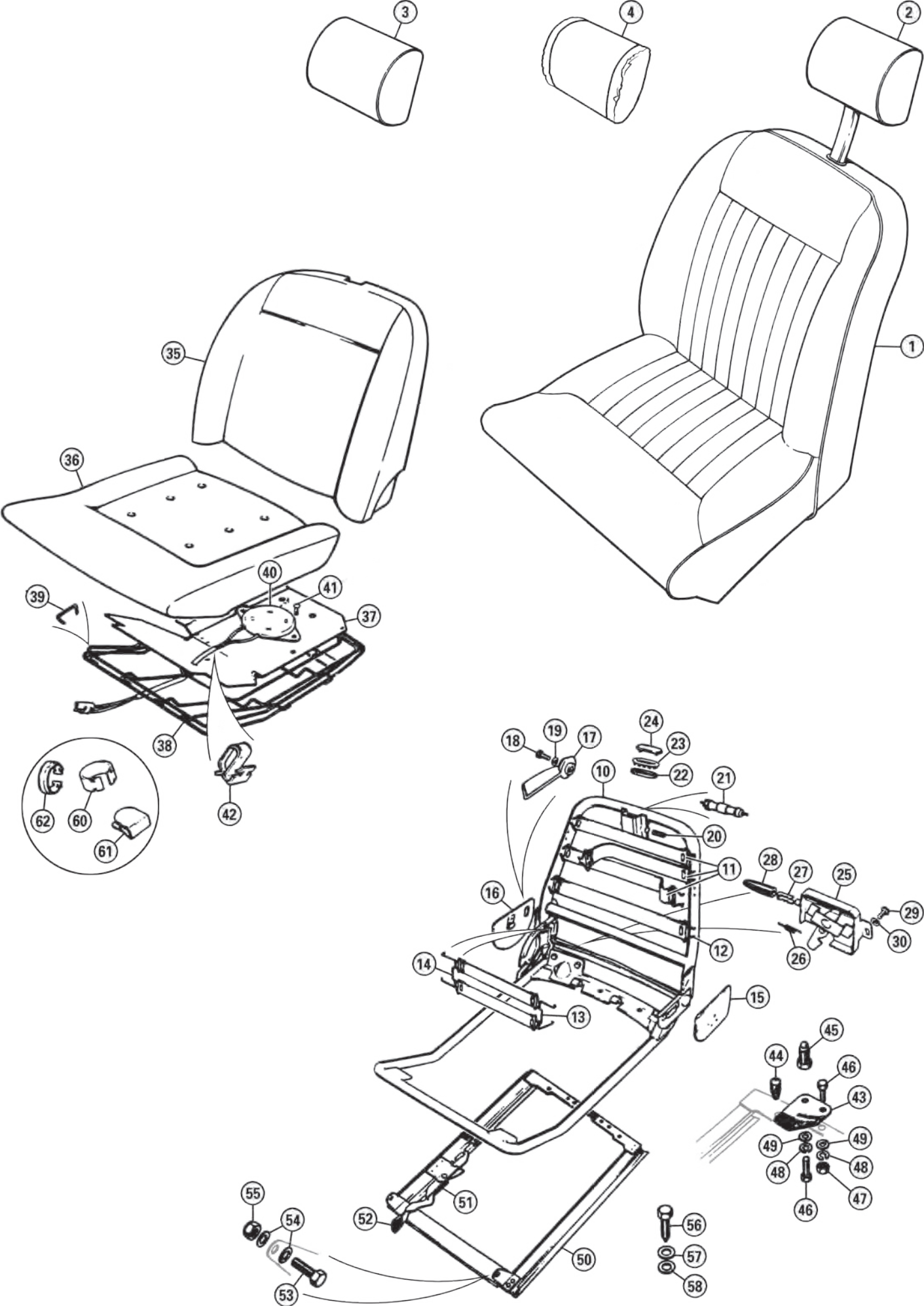
Seat Components

2	913711	SEAT FRAME ASSEMBLY, LH	1	including board (item 8)
	913712	SEAT FRAME ASSEMBLY, RH	1	
3	GAC6121X	SEAT WEBBING KIT, one seat	2	
4	621340	CLIP, web to frame	24	
5	913767	SEAT FOAM, squab, LH	1	
	913768	SEAT FOAM, squab, RH	1	
6	913847	SEAT FOAM, base, LH	1	
	913848	SEAT FOAM, base, RH	1	
8	818951	BOARD, cushion base, LH	1	
	818961	BOARD, cushion base, RH	1	
9	561785	HOG RING, cover attaching	64	seat release knob
10	911273	WIRE BASKET, cushion, LH	1	
	911274	WIRE BASKET, cushion, RH	1	
12	716143	CATCH, tilt restraining, LH	1	
	716144	CATCH, tilt restraining, RH	1	
13	624618	SPRING, for safety catch	2	
14	621776	FERRULE, 'clawed'	2	
15	621458	KNOB, restraining lever	2	
16	AR610042	SCREW, self tapping	4	
	PT504	SCREW, 10/32 UNF, threaded	4	
17	WL700101	WASHER, spring	4	catch to seat frame (alternatives)
18	630801	STRIKER PLATE	2	
19	624828	BUFFER, rubber	4	
20	630803	PEG, striker locating	2	
21	HU506	SCREW, striker plate	2/4	
22	HN2005	NUT, striker plate	2/4	
23	WL700101	WASHER, spring	4	
24	WP124	WASHER, plain	4	

Note: Seat adjuster slides were supplied by two companies to Triumph. They were manufactured by either A. W. Chapman (AWC) or Hallam, Sleigh & Cheston (HSC), and are completely interchangeable as assemblies.

26	820535	SEAT SLIDE, LH, (AWC)	1	AWC type only
	818943	SEAT SLIDE, LH, (HSC)	1	
	820536	SEAT SLIDE, RH, (AWC)	1	
	818944	SEAT SLIDE, RH, (HSC)	1	
27	626373	LEVER SPRING	2	
	623200	LEVER SPRING	2	
28	626370	CAP, for adjusting lever, rubber	2	
30	SH605071	SCREW, seat pivot to slide	4	
31	GHF301	WASHER, plain	8	
32	GHF222	NUT, nyloc	4	
34	GHF101	SCREW,	8	slide & seat to floor
35	GHF300	WASHER, plain	8	
36	WP48	WASHER, backing	8	
38	AHH9303	CLIP, circular	8	

39	GHF1500	CLIP, edge	12
40	BD21962	CLIP, tubular	4



ill. Part Number Description Req. Details

Seats & Fittings - Reclining Seats - MkIV-1500 (1973-80)

Seat Cover Sets

These seat cover sets are suitable for reclining seats (from (c) FH50001 onwards). Seat covers are sold as a car set for both seats, with two base (cushion) & two back (squab) covers & clips.

1	SCA7402210	SEAT COVER SET, vinyl, black	1	MkIV (1973-75) Without headrests
	SCA7402220	SEAT COVER SET, vinyl, matador red	1	
	SCA7402233	SEAT COVER SET, vinyl, beige	1	
	SCA7402234	SEAT COVER SET, vinyl, new tan	1	
	SCA7402235	SEAT COVER SET, vinyl, chestnut	1	
	SCA7402260	SEAT COVER SET, vinyl, grey	1	
	SCA7402270	SEAT COVER SET, vinyl, shadow blue	1	MkIV (1973-75) With headrests
	SCL7402210	SEAT COVER SET, leather, black	1	
	SCL7402220	SEAT COVER SET, leather, matador red	1	
	SCL7402233	SEAT COVER SET, leather, beige	1	
	SCL7402234	SEAT COVER SET, leather, new tan	1	
	SCL7402235	SEAT COVER SET, leather, chestnut	1	
	SCL7402260	SEAT COVER SET, leather, grey	1	1500 without headrests
	SCL7402270	SEAT COVER SET, leather, shadow blue	1	
	SCA7501210	SEAT COVER SET, vinyl, black	1	
	SCA7501235	SEAT COVER SET, vinyl, chestnut	1	
	SCA7501232	SEAT COVER SET, vinyl, light tan	1	
	SCA7501231	SEAT COVER SET, vinyl, biscuit	1	
	SCA7501233	SEAT COVER SET, vinyl, beige	1	1500 with headrests
	SCA75012101	SEAT COVER SET, Houndstooth black/white	1	
	SCA75012331	SEAT COVER SET, Houndstooth beige	1	
	SCL7502210	SEAT COVER SET, leather, black	1	
	SCL7502233	SEAT COVER SET, leather, beige	1	
	SCA75022101	SEAT COVER SET, Houndstooth black/white	1	
	SCA75022331	SEAT COVER SET, Houndstooth beige	1	

Note: Seat covers are sold in pairs.

Head Restraints

We offer a range of vinyl covered head restraint assemblies which have a slightly different stalk to the original Spitfire ones.

2	919070	HEADREST ASSY, vinyl, black	2	fine grain
	919071	HEADREST ASSY, vinyl, black	2	
	919072	HEADREST ASSY, vinyl, matador red	2	
	919073	HEADREST ASSY, vinyl, chestnut	2	
	919074	HEADREST ASSY, vinyl, beige	2	
	919077	HEADREST ASSY, vinyl, shadow blue	2	
	919078	HEADREST ASSY, vinyl, grey	2	
	919083	HEADREST ASSY, vinyl, new tan	2	
	919071L	HEADREST ASSY, leather, black	2	
	919072L	HEADREST ASSY, leather, matador red	2	
	919077L	HEADREST ASSY, leather, shadow blue	2	course grain
	919083L	HEADREST ASSY, leather, new tan	2	
3	919070C	COVER, headrest, vinyl, black	2	
	919071C	COVER, headrest, vinyl, black	2	
	919072C	COVER, headrest, vinyl, matador red	2	
	919073C	COVER, headrest, vinyl, chestnut	2	
	919074C	COVER, headrest, vinyl, beige	2	
	919077C	COVER, headrest, vinyl, shadow blue	2	
	919078C	COVER, headrest, vinyl, grey	2	
	919083C	COVER, headrest, vinyl, new tan	2	
	919071CL	COVER, headrest, leather, black	2	
	919072CL	COVER, headrest, leather, matador red	2	2
	919073CL	COVER, headrest, leather, chestnut	2	
	919074CL	COVER, headrest, leather, beige	2	
	919077CL	COVER, headrest, leather, shadow blue	2	
	919083CL	COVER, headrest, leather, new tan	2	
4	722937	FOAM, headrest	2	

Seat Components

To (c) FH50000, only cars for the German market were fitted with reclining low back seats. There was no provision on these seats to fit head restraints. Customers re-covering this type of seat will need to fit a blanking plug in the cover where a head restraint would usually fit.
(The plug part number is BD36610A).

10	913731	SEAT FRAME ASSEMBLY, reclining, LH	1	Germany only to (c) FH50000 all markets from (c) FH50001
	913732	SEAT FRAME ASSEMBLY, reclining, RH	1	
	916401	SEAT FRAME ASSEMBLY, reclining, LH	1	
	916402	SEAT FRAME ASSEMBLY, reclining, RH	1	
11	GAC6121X	SEAT WEBBING KIT, one seat	2	1 kit for one seat
12	621340	CLIP, web to frame	24	

ill. Part Number Description Req. Details

13	624607	WIRE CLIP, LH seat	1	
	624608	WIRE CLIP, RH seat	1	
14	624725	WIRE CLIP	2	alternatives
15	624893	BOARD, inner side, LH seat	1	
	624894	BOARD, inner side, RH seat	1	
16	624887	BOARD, outer side, LH seat	1	
	624888	BOARD, outer side, RH seat	1	rollers are not interchangeable
17	717105	HANDLE, reclining mechanism	2	
18	PT504	SCREW, handle	2	head restraint stalk eyelet
	PMP308	SCREW, handle	2	
	53K205	SCREW, handle	2	inc. washer
19	WL700101	WASHER, spring	2	
20	CZA7413	ROLLER, friction metal type	2	when head restraint not fitted
21	ZKC1271	ROLLER, friction nylon type	2	
22	CZA4263	WASHER, reinforcing	2	not fitted
23	CZA4500S	EYELET, head restraint stalk	2	
24	BD36610A	PLUG, blanking, black	a/r	
25	716143	CATCH, seat tilt restraining, LH	1	seat release knob
	716144	CATCH, seat tilt restraining, RH	1	
26	624618	SPRING	2	alternative screws
27	621776	FERRULE, 'clawed'	2	
28	621458	KNOB, seat adjustment	2	for catch to seat frame
29	AR610042	SCREW, self tapping	4	
	PMP308	SCREW, 10/32 UNF, chrome	4	Germany only to FH50000
	PT504	SCREW, 10/32 UNF, black	4	
30	WL700101	WASHER, spring	4	all markets from FH50001
35	912983	SEAT FOAM, squab	2	
	917599	SEAT FOAM, squab	2	Germany only to FH50000
36	913847	SEAT FOAM, base, LH	1	
	913848	SEAT FOAM, base, RH	1	all markets from FH50001
	913847	SEAT FOAM, base, LH	1	
	913848	SEAT FOAM, base, RH	1	

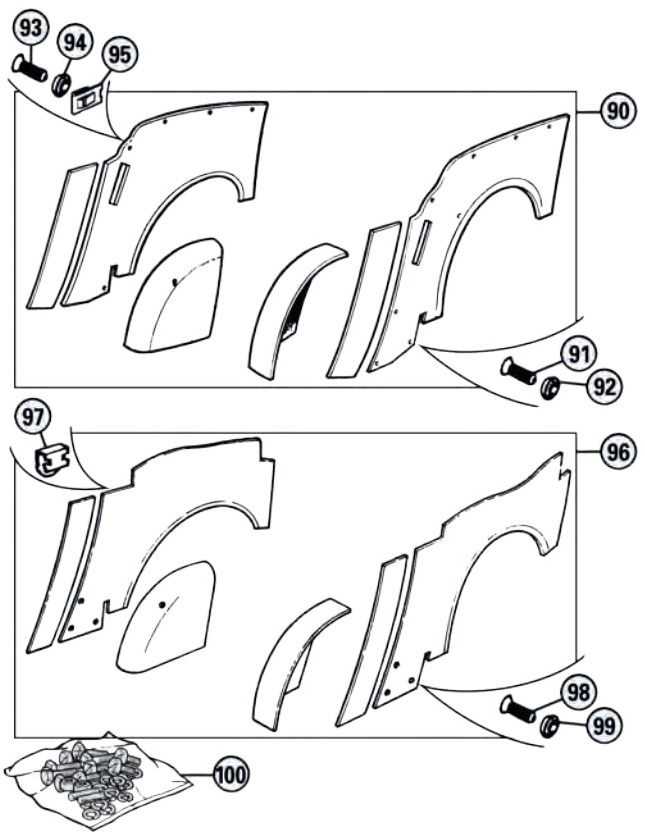
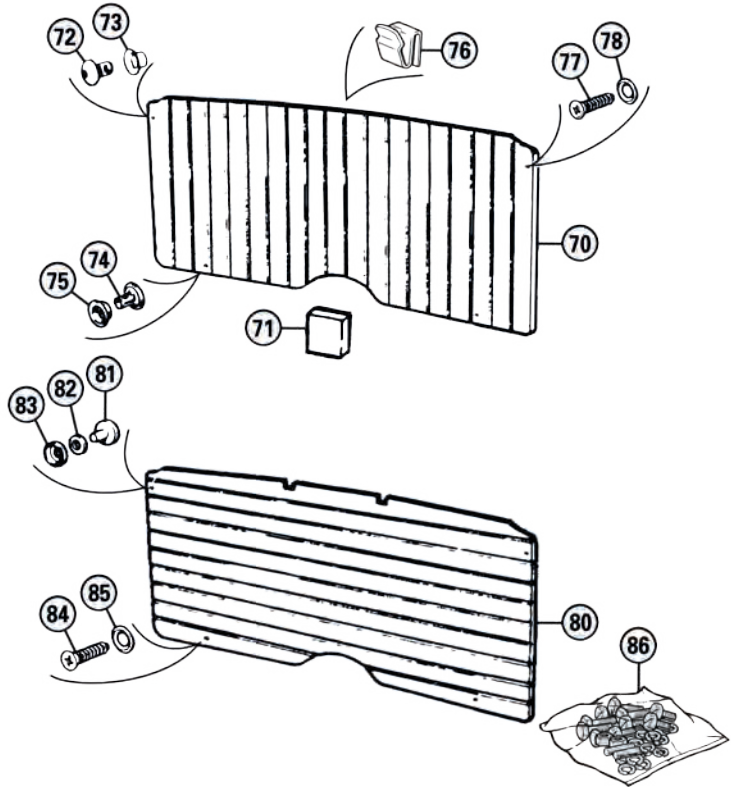
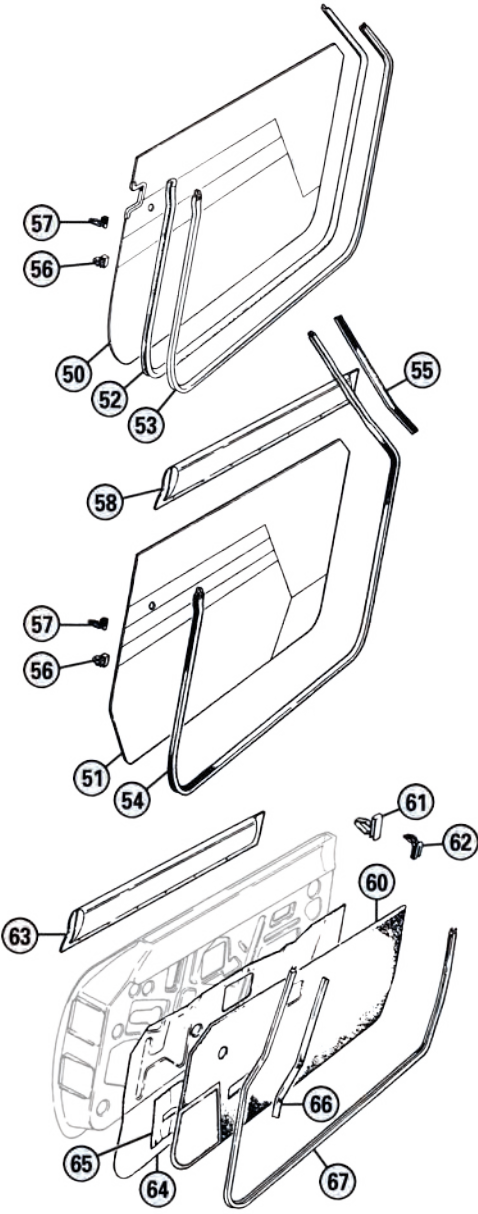
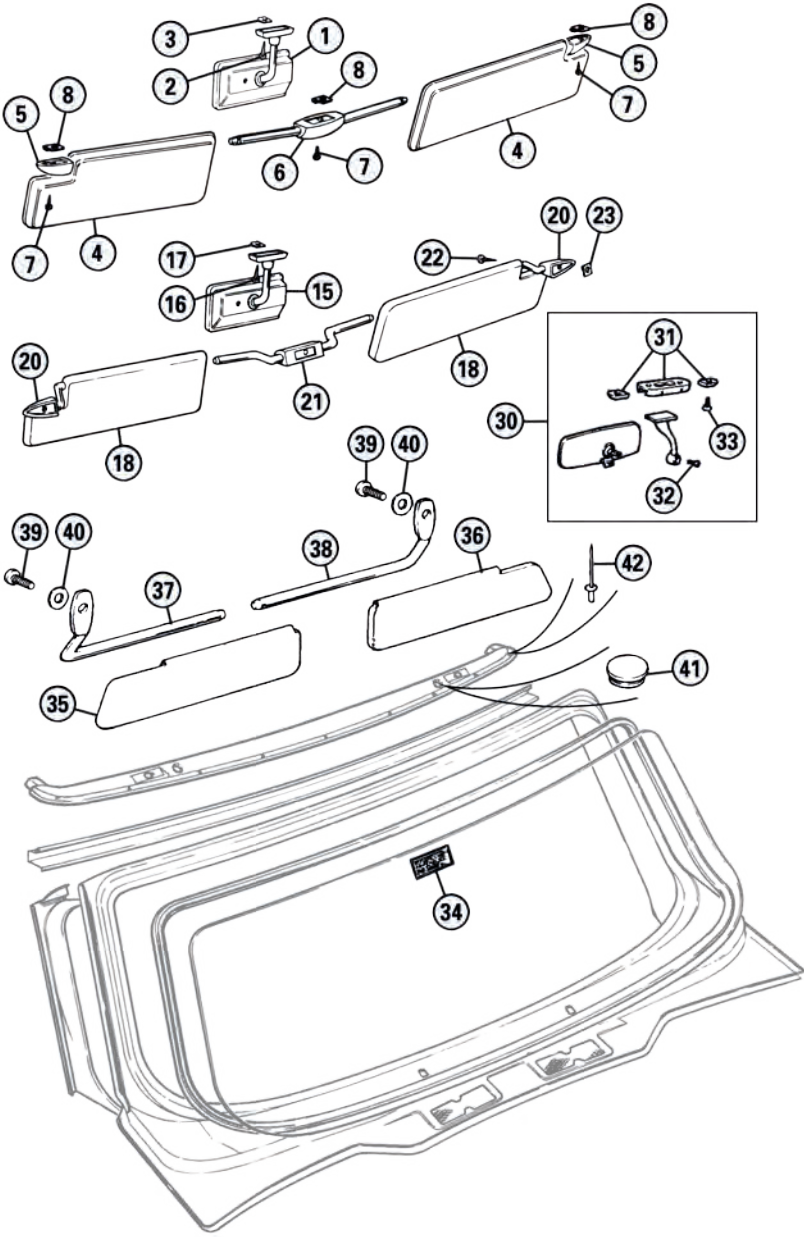
(Base foams include board - item 37).

Note: Base foams for Germany only to (c) FH50000 are NLA. Use the later base foams for all markets from (c) FH50001 as replacements.

37	818951	BOARD, cushion base, LH	1	
	818961	BOARD, cushion base, RH	1	
38	911273	WIRE BASKET, cushion supporting, LH	1	
	911274	WIRE BASKET, cushion supporting, RH	1	
39	561785	HOG RING, cover attaching	64	seat belt warning, if fitted
40	158534	SWITCH & PAD, seat belt sensor	2	
41	BRP906	RIVET, sensor locating	4	tilt restraint lever catching
42	615837	CLIP, wiring locating	2	
43	630801	STRIKER PLATE	2	replacement type
44	624828	BUFFER, rubber	4	
45	630803	PEG, striker	2	2/4
46	HU506	SCREW, striker plate	2/4	
47	HN2005	NUT, striker plate	2/4	4
48	WL700101	WASHER, spring	4	
49	WP124	WASHER, plain	4	

Note: Seat adjuster slides were supplied by two companies to Triumph. They were manufactured by either A. W. Chapman (AWC) or Hallam, Sleight & Cheston (HSC), and are completely interchangeable as assemblies.

50	820535	SEAT SLIDE, LH, (AWC)	1	AWC type
	820536	SEAT RUNNER, RH, (AWC)	1	
	818943	SEAT RUNNER, LH, (HSC)	1	HSC type
	818944	SEAT RUNNER, RH, (HSC)	1	
51	626373	LEVER SPRING	2	AWC type only
	623200	LEVER SPRING	2	
52	626370	CAP, for adjusting lever, rubber	2	HSC type only
53	SH605071	SCREW, seat pivot to slide	4	
54	GHF301	WASHER, plain	8	3/8" internal diameter
55	GHF222	NUT, nyloc	4	
56	GHF101	SCREW, slide & seat to floor	8	3/4" diameter
57	GHF300	WASHER, plain	8	
58	WP48	WASHER, backing	8	
60	AHH9303	CLIP, circular	8	
61	GHF1500	CLIP, edge	12	
62	BD21962	CLIP, retainer, tubular	4	



ill. Part Number Description Req. Details

Interior Mirror, Sunvisors & Trim Panels

Rear View Mirror & Sun Visor - Mkl-II

1	614090	MIRROR, rear view, metal	1	replacement for original
2	AD610053	SCREW, self tapping, mirror retaining	2	
3	FJ2445	SPIRE NUT, mirror retaining	2	
4	705754	SUN VISOR, white, pair	1	
5	611104	MOUNTING, sun visor, outer	2	
6	611103	MOUNTING, sun visor, centre	1	
7	510125	SCREW, self tapping	3	
8	FJ2445	SPIRE NUT	3	

Rear View Mirror & Sun Visor - MkIII

15	614090	MIRROR, rear view, metal	1	replacement
16	AD610053	SCREW, self tapping, mirror retaining	2	
17	FJ2445	SPIRE NUT, mirror retaining	2	
18	708289	SUN VISOR, padded, RH	1	drivers
	708288	SUN VISOR, padded, LH	1	passenger
20	616318	MOUNTING, sun visor, outer	2	
21	616317	MOUNTING, sun visor, centre	1	
22	510125	SCREW, self tapping	3	
23	FJ2445	SPIRE NUT	3	

Rear View Mirror & Sun Visor - MkIV-1500

30	632095	MIRROR, rear view, plastic, dipping	1	screws not included
----	--------	-------------------------------------	---	---------------------

Note: The original non-dipping mirror (part number: 630981) is no longer available. Use the dipping type (part number: 632095).

31	RTC1006	MOUNTING, mirror retainer	1	
32	632095S	SCREW, mirror head to stem	1	
33	RMP2312	SCREW, mirror retaining	2	
34	CRST125	LABEL, windscreen, Triplex Laminated	1	

Note: The grain of the sun visors changed from fine to coarse in 1973, however we are only able to offer the sun visors in fine grain. The sun visors are still manufactured by the OE supplier to Triumph.

35	812711	SUN VISOR, driver side, black	1	MkIV-1500
36	812741	SUN VISOR, passenger side, black, RHD	1	
	812751	SUN VISOR, passenger side, black, LHD	1	
37	630932	MOUNTING, sun visor, LH	1	
38	630933	MOUNTING, sun visor, RH	1	
39	PT505	SCREW, visor mounting	4	
40	PWZ203	WASHER, plain	4	required when hardtop not fitted
41	612976	PLUG, screen capping, rubber	2	
42	RU608123	RIVET, capping to screen	9	

Door Trim & Seal - Mkl-III

All door panels are sold in pairs.

50	TKP71210	DOOR PANELS, black, pair	1	Mkl
	TKP71220	DOOR PANELS, red, pair	1	
	TKP71270	DOOR PANELS, midnight blue, pair	1	
51	TKP72210	DOOR PANELS, black, pair	1	MklI-III
	TKP72220	DOOR PANELS, red, pair	1	
	TKP72232	DOOR PANELS, light tan, pair	1	
	TKP72234	DOOR PANELS, new tan, pair	1	
	TKP72270	DOOR PANELS, midnight blue, pair	1	
	TKP72271	DOOR PANELS, shadow blue, pair	1	
52	613028	SEAL, door aperture, rubber	2	Mkl to (b) 8778FC
53	611600	DRAUGHT EXCLUDER, red	2	
	611601	DRAUGHT EXCLUDER, black	2	
	611602	DRAUGHT EXCLUDER, blue	2	Mkl-III from (b) 8779FC
54	631321	SEAL, door, felt/rubber	2	
55	620913	SEAL, upper A post, thick, sponge	2	
56	GHF1230	CLIP, trim panel to door	28	
57	GHF1230	CLIP, long, trim panel top edge to door	14	
58	727591	MOULDED COVER, waist rail, black, RH	1	
	727581	MOULDED COVER, waist rail, black, LH	1	

Door Trim & Seal - MkIV-1500

All door panels are sold in pairs.

60	TKP741210	DOOR PANELS, black, pair	1	MkIV (1970-73)
	TKP741220	DOOR PANELS, red, pair	1	
	TKP741233	DOOR PANELS, beige, pair	1	
	TKP741234	DOOR PANELS, new tan, pair	1	MkIV (1973-75)
	TKP741271	DOOR PANELS, shadow blue, pair	1	
	TKP742210	DOOR PANELS, black, pair	1	
	TKP742233	DOOR PANELS, beige, pair	1	MkIV (1973-75)
	TKP742234	DOOR PANELS, new tan, pair	1	
	TKP742235	DOOR PANELS, chestnut, pair	1	
	TKP742260	DOOR PANELS, grey, pair	1	

ill. Part Number Description Req. Details

	TKP742271	DOOR PANELS, shadow blue, pair	1	1500
	TKP741210	DOOR PANELS, black, pair	1	
	TKP741220	DOOR PANELS, red, pair	1	
	TKP742233	DOOR PANELS, beige, pair	1	
61	GHF1230	CLIP, trim panel to door	28	
62	GHF1232	CLIP, trim panel top edge to door	16	
63	727581	MOULDED COVER, waist rail, black, LH	1	
	727591	MOULDED COVER, waist rail, black, RH	1	
64	822559	WATER CURTAIN, large	2	
65	632200	WATER CURTAIN, small	2	
66	620913	SEAL, upper A post, thick, sponge	2	alternative
	620403	SEAL, upper A post, thin, rubber	2	original

Note: 620913 is a thick soft sponge seal, 620403 is a soft, thin walled moulding. Omission of these parts will quickly result in a soggy backside and in the longer term, rotten floorpan(s). The original fitment item is 620403, the alternative 620913 may be required for larger A post to window gaps.

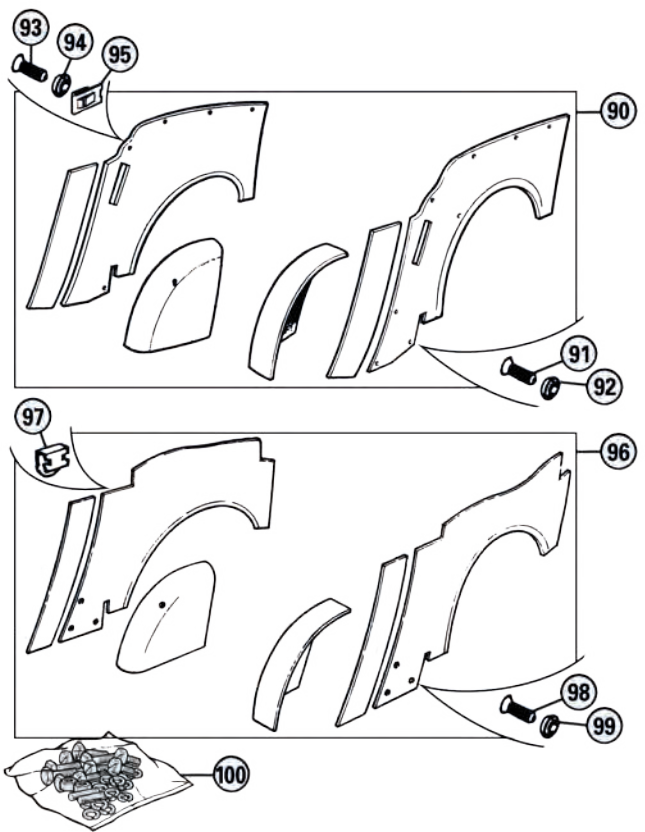
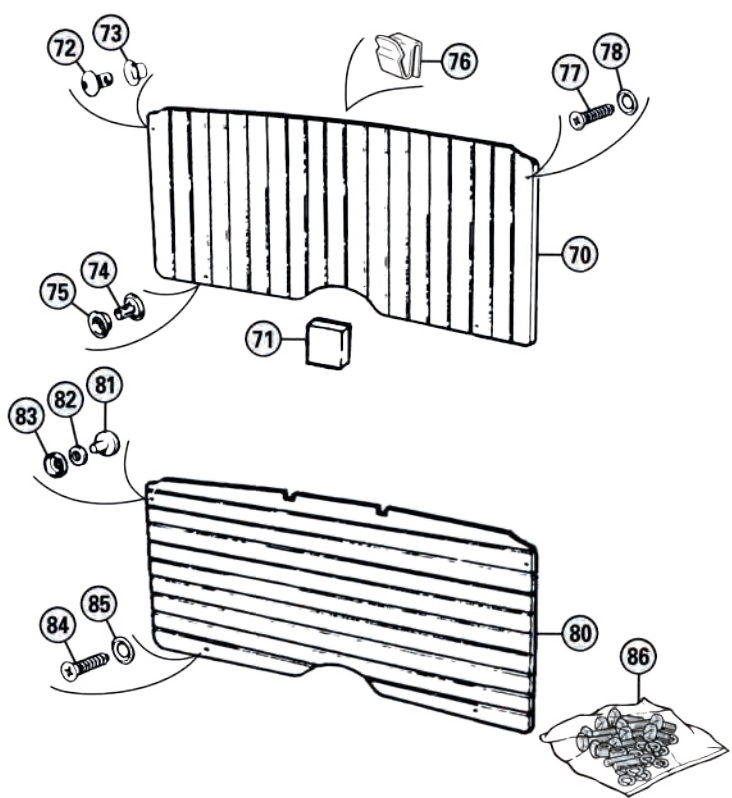
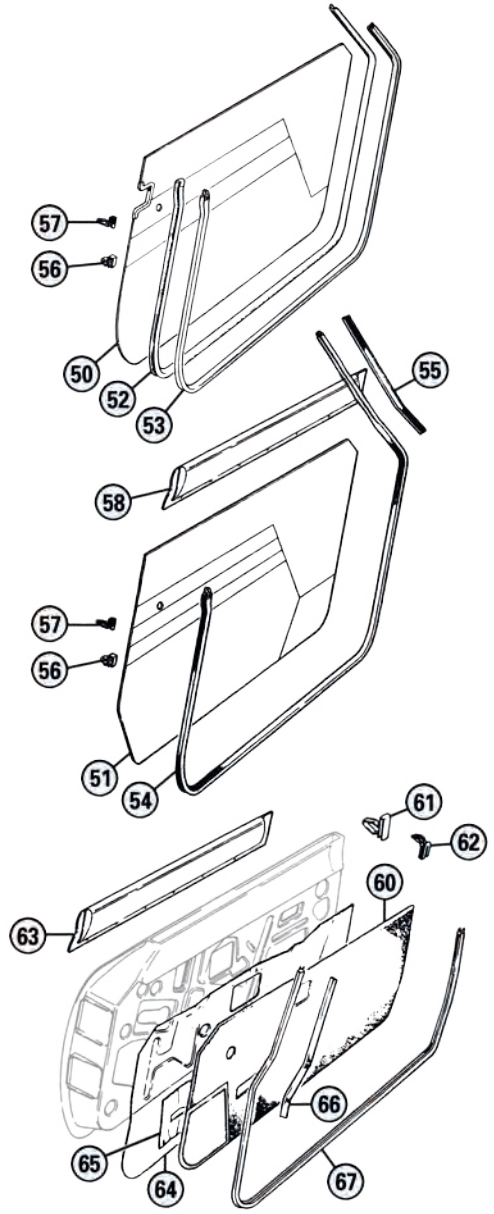
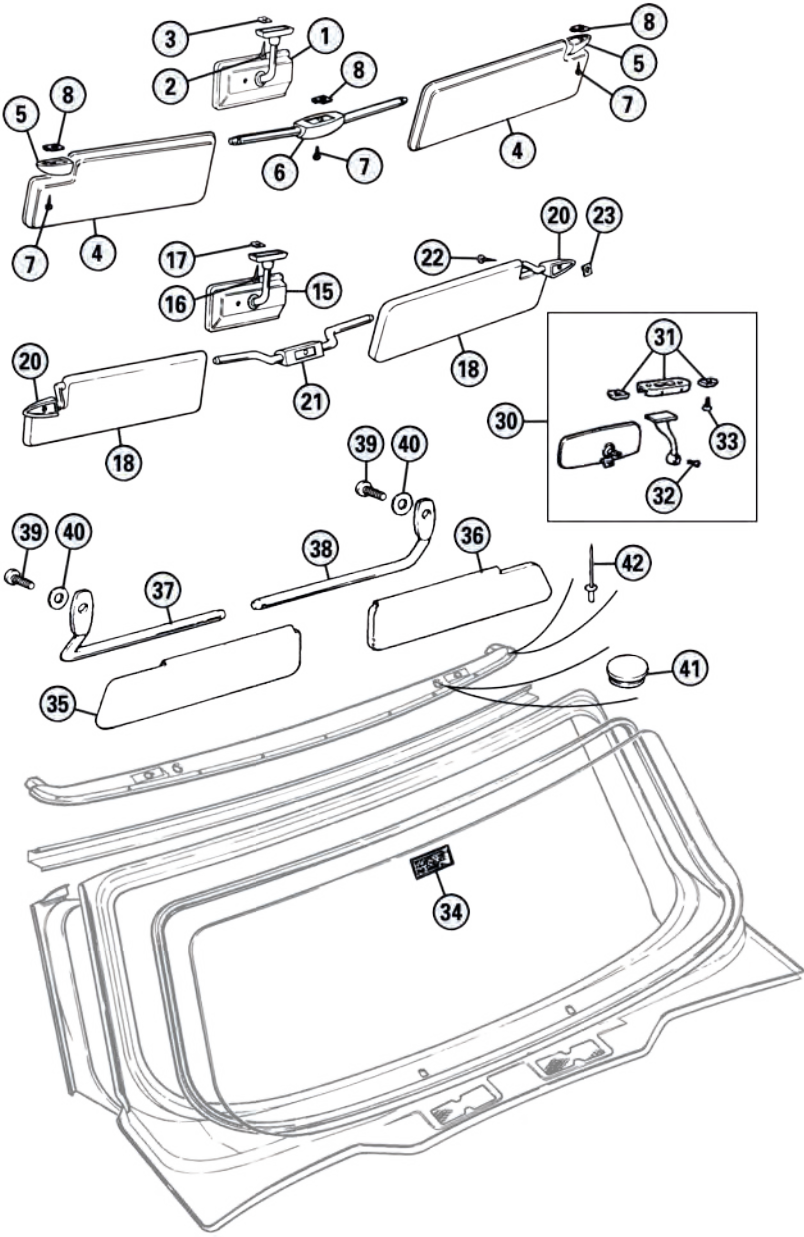
67	631321	SEAL, door aperture, felt/rubber, black	2	
----	--------	---	---	--

Rear Cockpit Trim - Mkl-III

70	TKP71610	COCKPIT PANEL, vinyl, black	1	Mkl-II
	TKP71620	COCKPIT PANEL, vinyl, matador red	1	
	TKP71670	COCKPIT PANEL, vinyl, midnight blue	1	
	TKP73610	COCKPIT PANEL, vinyl, black	1	MkIII
	TKP73620	COCKPIT PANEL, vinyl, matador red	1	
	TKP73632	COCKPIT PANEL, vinyl, light tan	1	
	TKP73633	COCKPIT PANEL, vinyl, beige	1	
	TKP73634	COCKPIT PANEL, vinyl, new tan	1	
	TKP73670	COCKPIT PANEL, vinyl, midnight blue	1	
	TKP73671	COCKPIT PANEL, vinyl, shadow blue	1	MkIII
71	568808	PAD, foam, trim board lower	2	
72	568543	FASTENER, dzus	2	
73	568537	GROMMET, dzus fastener	2	Mkl-II
74	565760	EYELET	3	
75	610624	FASTENER, dot	3	
76	613770	CLIP, trim	4	MkIII
77	AD606063	SCREW, self tapping	4	
78	CD24152	WASHER, cup	4	

Rear Cockpit Trim - MkIV-1500

80	TKP741610	COCKPIT PANEL, vinyl, black	1	MkIV (1970-73)
	TKP741620	COCKPIT PANEL, vinyl, matador red	1	
	TKP741634	COCKPIT PANEL, vinyl, midnight blue	1	
	TKP741671	COCKPIT PANEL, vinyl, shadow blue	1	MkIV (1973-75)
	TKP742610	COCKPIT PANEL, vinyl, black	1	
	TKP742635	COCKPIT PANEL, vinyl, chestnut	1	
	TKP742634	COCKPIT PANEL, vinyl, new tan	1	1500
	TKP742671	COCKPIT PANEL, vinyl, shadow blue	1	
	TKP73610	COCKPIT PANEL, vinyl, black	1	
	TKP73633	COCKPIT PANEL, vinyl, beige	1	stud to rear cockpit board
81	7H9868	SOCKET, durable dot	2	
82	509563	WASHER	2	
83	713511	STUD, plastic, black	2	'durable dot'
	713519	STUD, plastic, white	2	
84	AD606063	SCREW, chrome	6	
85	CD24152	WASHER, cup	6	
86	TSK401	SCREW KIT, trim panels	1	

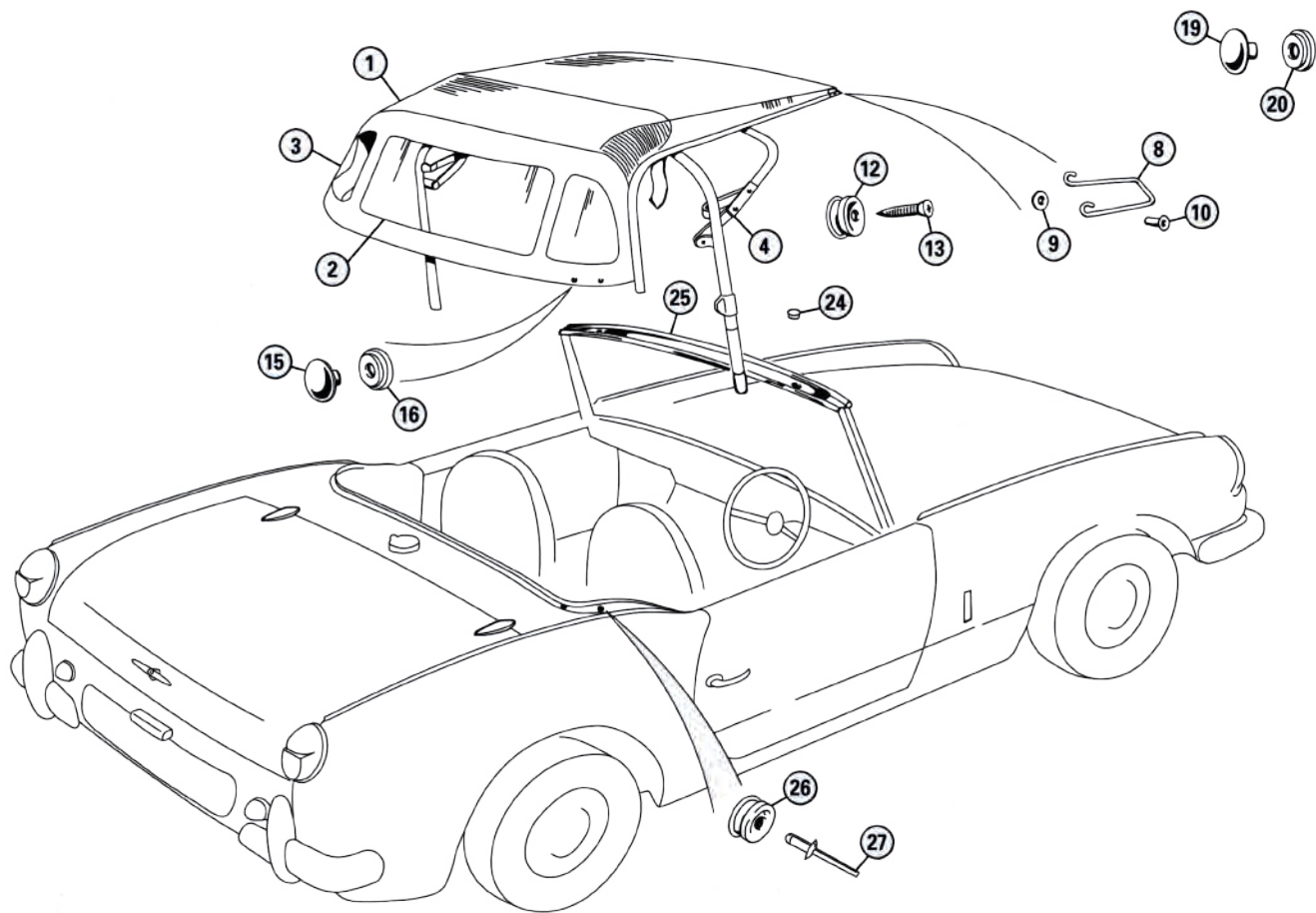


ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------	------	-------------	-------------	------	---------

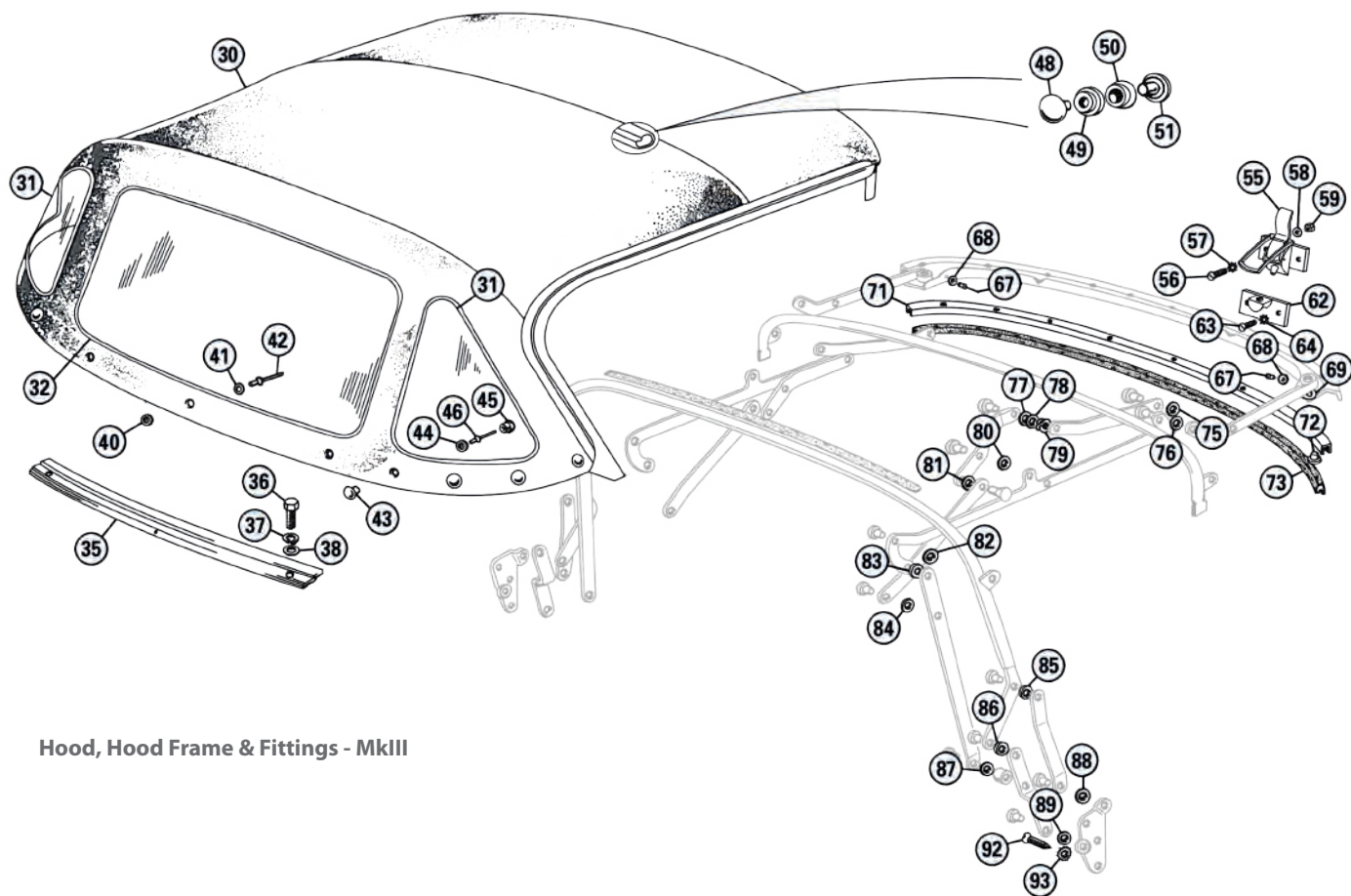
Rear Quarter Trim - All Models

The rear wheel arch & quarter panel kit for the MkI-II will only fit the early models (with the cut out in the panel for the hood mechanism). From MkIII models onwards the panel kit is the same with colours listed to suit the various marques. Please note that originally only black and beige colours were used on models from 1976-80. Each panel kit contains both quarter panels, both wheel arch covers and both 'B' post covers, plus clips, screws and cup washers to fit.

90	TKP71810	WHEEL ARCH PANEL SET, vinyl, black	1	MkI-II
	TKP71820	WHEEL ARCH PANEL SET, vinyl, matador red	1	
	TKP71870	WHEEL ARCH PANEL SET, vinyl, midnight blue	1	
91	AD606063	SCREW, self tapping, quarter trim, lower	8	
92	CD24152	WASHER, cup, quarter trim, lower	8	
93	AD606063	SCREW, quarter trim & finisher, upper	8	MkIII-IV (1967-73)
94	CD24152	WASHER, cup	8	
95	GHF711	SPIRE NUT	8	
96	TKP73810	WHEEL ARCH PANEL SET, vinyl, black	1	
	TKP73820	WHEEL ARCH PANEL SET, vinyl, matador red	1	
	TKP73832	WHEEL ARCH PANEL SET, vinyl, light tan	1	
	TKP73833	WHEEL ARCH PANEL SET, vinyl, beige	1	
	TKP73834	WHEEL ARCH PANEL SET, vinyl, new tan	1	
	TKP73870	WHEEL ARCH PANEL SET, vinyl, midnight blue	1	
	TKP73871	WHEEL ARCH PANEL SET, vinyl, shadow blue	1	
	TKP74810	WHEEL ARCH PANEL SET, vinyl, black	1	MkIV (1973-75)
	TKP74833	WHEEL ARCH PANEL SET, vinyl, beige	1	
	TKP74834	WHEEL ARCH PANEL SET, vinyl, new tan	1	
	TKP74835	WHEEL ARCH PANEL SET, vinyl, chestnut	1	
	TKP74871	WHEEL ARCH PANEL SET, vinyl, shadow blue	1	
	TKP73810	WHEEL ARCH PANEL SET, vinyl, black	1	1500
	TKP73820	WHEEL ARCH PANEL SET, vinyl, matador red	1	
	TKP73832	WHEEL ARCH PANEL SET, vinyl, light tan	1	
	TKP73833	WHEEL ARCH PANEL SET, vinyl, beige	1	
	TKP73834	WHEEL ARCH PANEL SET, vinyl, new tan	1	
	TKP73870	WHEEL ARCH PANEL SET, vinyl, midnight blue	1	MkIII-1500
	TKP73871	WHEEL ARCH PANEL SET, vinyl, shadow blue	1	
97	610520	CLIP, securing	4	
98	AD606063	SCREW, securing quarter panel	6	
99	CD24152	WASHER, cup	6	
100	TSK401	SCREW KIT, trim panels	1	

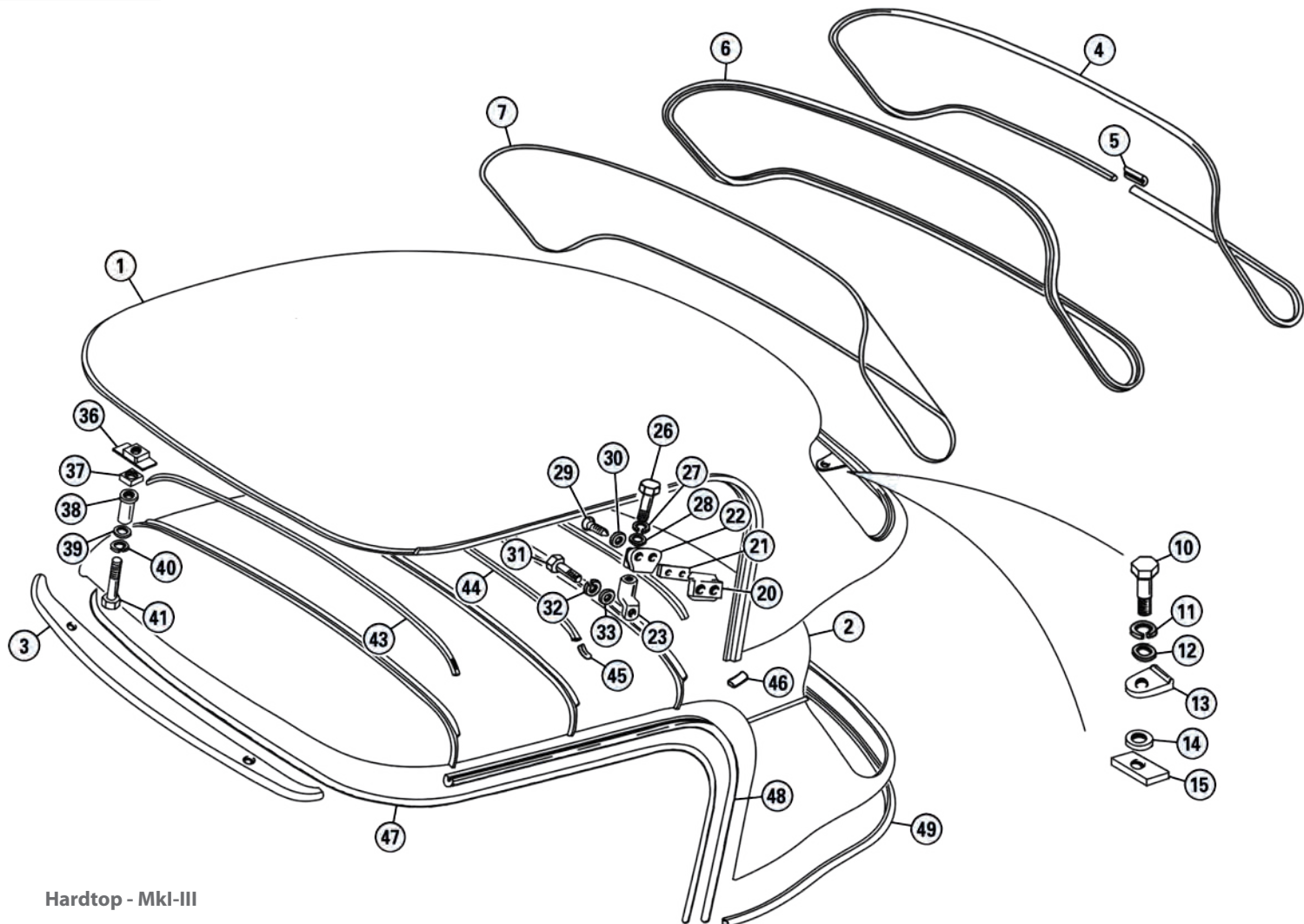


Hood, Hood Frame & Fittings - MkI-II

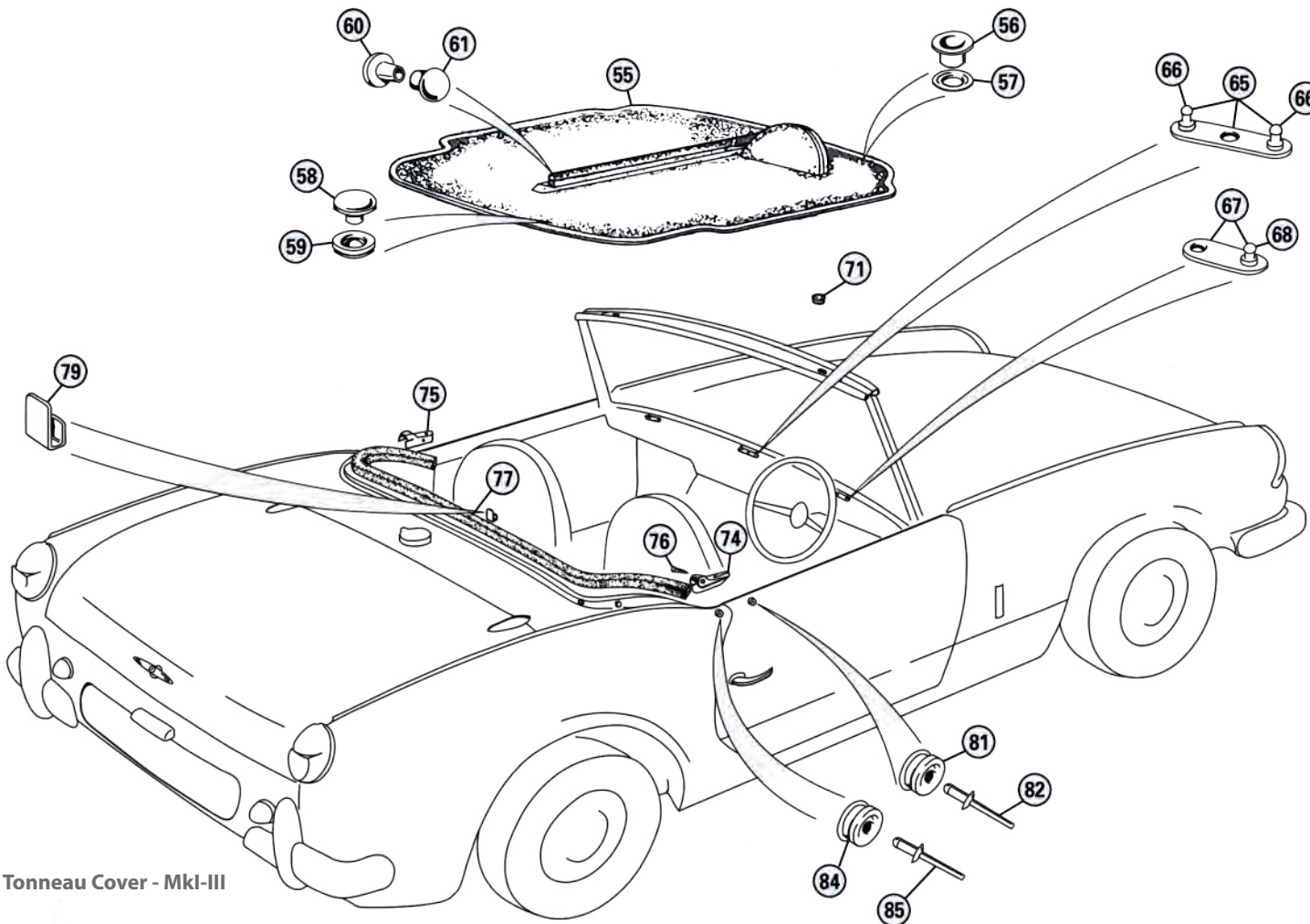


Hood, Hood Frame & Fittings - MkIII

Ill.	Part Number	Description	Req.	Details	Ill.	Part Number	Description	Req.	Details	
Hood, Hood Frame & Fittings - Mkl-III										
Mkl-II										
1	807125	HOOD, fixed window, vinyl, white	1		621755	ASSEMBLY, handle, LH	1			
	807124	HOOD, fixed window, vinyl, black	1		621756	ASSEMBLY, handle, RH	1			
	807124MH	HOOD, fixed window, mohair, black	1		621757	HANDLE, hood closing	2			
2	568429	WINDOW, backlight	1		623431	PIN, locking, assembly	2		fitted from FD/FDU20000	
3	568430	WINDOW, rear quarter	2		078686	SET SCREW, handle to locating pin	2		LHD and approx FD13980 RHD	
4	903463	ASSEMBLY, hood frame	1	alternative to 903635	621759	ESCUTCHEON, hood closure	2			
	903635	ASSEMBLY, hood frame	1	alternative to 903463	AWZ106	WASHER, waved	2			
8	613767	HOOK	2		CMZ307	SET SCREW	4			
9	563032	BACK, 9mm	4	hook to side valance	GHF306	WASHER, plain	4			
10	565756	RIVET, cap	4		WF702101	WASHER, shakeproof	4			
NI	7H9864	BUTTON	4	hood retainer	HN2005	NUT, hex, locking handle to header rail	4			
NI	7H9866	SOCKET	4		623469	ASSEMBLY, handle, LH	1			
NI	7H9868	EYELET	4	hood retainer	623470	ASSEMBLY, handle, RH	1			
NI	575750	STUD	4		623431	PIN, locking, assembly	2		fitted from approx FD24183	
12	610624	STUD, head to windscreen capping	2		621757	HANDLE, hood closing	2		LHD and approx FD16501 RHD	
13	AD606071	SCREW, stud attachment	2		078686	SET SCREW, locking handle to header rail	2			
15	565747	BUTTON	a/r	hood to rear quarter	621759	ESCUTCHEON, hood closure	2			
16	567642	SOCKET	a/r	attachment	AWZ106	WASHER, waved	2			
19	565747	BUTTON	a/r	hood to windscreen	CMZ307	SET SCREW, locking handle to header rail	4			
20	567642	SOCKET	a/r		GHF306	WASHER, plain	4			
24	CD27769	PLUG, windscreen capping	2	not required when hard top is fitted	WF702101	WASHER, shakeproof	4			
				up to FC50000 only	HN2005	NUT, hex, locking handle to header rail	4			
	612976	PLUG, rubber, windscreen capping	2	not required when hard top is fitted	62	609332	ASSEMBLY, head catch, windscreen	2		
				from FC50001 on	63	SP87K5	SCREW, set, head catch to windscreen	4		
25	806189	CAPPING, windscreen	1		64	WL700101	WASHER, shakeproof	4		
	552522	RIVET, capping attachment	11		621760	CATCH PLATE, hood closure, RH	1		windscreen	
26	610624	STUD, 'B' post finished	2		621761	CATCH PLATE, hood closure, LH	1			
27	GHF600	RIVET, Imex	2		PMZ308	SET SCREW, catch plates to windscreen	4		windscreen	
					623434	CATCH PLATE, hood closure, LH	1			
					623435	CATCH PLATE, hood closure, RH	1			
					PMZ308	SET SCREW, catch plates to windscreen	4			
					67	552522	RIVET, retainer strap to header rail	2		
					68	509563	WASHER, plain	2		
					69	WM57	WASHER, plain, header rail to link no. 4	2		
					71	708250	RETAINER, header rail sealing strip	1		
					713036	RETAINER, centre	1			
					713037	RETAINER, LH, header rail sealing strip	1			
					713038	RETAINER, RH, header rail sealing strip	1			
30	811639	HOOD, fixed window, vinyl, white	1		NI	713036K	SEAL & CHANNEL KIT, header rail	1		
	811638	HOOD, fixed window, vinyl, black	1	MkIII to FD75000	72	RU608123	RIVET, Imex, retainer to header rail	9		
	811638MH	HOOD, fixed window, mohair, black	1		73	616187	RUBBER, sealing, header rail	1		
	817889	HOOD, zip out window, vinyl, white	1		75	WP127	WASHER, plain	2		connecting link no. 1 to link no. 4
	817881	HOOD, zip out window, vinyl, black	1	MkIII from FD75001	76	WP127	WASHER, plain, securing no. 7 link to main hoodstick and mounting plate	4		
	817881MH	HOOD, zip out window, mohair, black	1		77	GHF301	WASHER, plain, connecting link no. 2 and link no. 1 to intermediate hoodstick	2		
31	574370	WINDOW, rear quarter	2		78	GHF301	WASHER, plain, connecting link no. 2 and link no. 1 to intermediate hoodstick	2		
32	574369	WINDOW, backlight	1		79	AJD7731	WASHER, thackery, connecting link no.2 and link no.1 to intermediate hoodstick	2		
	574386	STRAP, retainer, header rail	2	fitted up to approx FD/ FDU29586	80	WP127	WASHER, plain	2		securing link no. 2 to link no. 5
				fitted from FD29587 to approx FD75000	81	WP127	WASHER, plain	2		securing link no. 3 to link no. 2
				fitted up to FD75000	82	WP127	WASHER, plain, connecting link no. 5 and link no. 4 to main hoodstick	4		
35	715842	ANGLE, retaining, hood to rear deck	1		83	WP127	WASHER, plain	2		securing link no. 8 to link no. 5
36	611640	BOLT, hex, domed	2		84	WP127	WASHER, plain	2		securing link no. 3 to link no. 8
37	GHF332	WASHER, spring	2		85	WP127	WASHER, plain	4		securing link no. 6 to main
38	GHF301	WASHER, plain	2		86	WP127	WASHER, plain	2		securing link no. 7 to main
40	ZKC751	STUD, black	3		87	WP127	WASHER, plain	2		securing link no. 8 to link no. 7
	713499	STUD, white	3		88	WP127	WASHER, plain	4		securing link no. 6 to main
41	509563	WASHER	3		89	WP127	WASHER, plain	4		securing link no. 7 to main
42	GHF600	RIVET	3		92	516158	SET SCREW	2		
43	7H9864	BUTTON, hood rear attachment	8		93	WK7607	WASHER, shakeproof	2		
44	7H9866	SOCKET, hood rear attachment	8	fitted up to approx FD/ FDU29586		GHF101	SET SCREW	4		
45	610624	STUD, hood rear attachment	8			GHF331	WASHER	4		
46	GHF600	RIVET, Imex, hood rear attachment	8							
	ZKC751	BUTTON, black, hood rear attachment	8	fitted from FD29587 to approx FD75000						
	713499	BUTTON, white, hood rear attachment	8							
	713501	SOCKET, hood rear attachment	8							
48	7H9864	BUTTON, hood to intermediate hoodstick	4	fitted up to FD/FDU75000						
49	7H9866	SOCKET, hood to intermediate hoodstick	4							
50	7H9868	EYELET, hood to intermediate hoodstick	4							
51	610624	STUD, hood to intermediate hoodstick	4							
	563032	BACK, rivet, backlight strap attachment	4							
	565756	CAP, rivet, tubular	4							
	7H9864	BUTTON, hood to intermediate hoodstick	4							
	7H9866	SOCKET, hood to intermediate hoodstick	4							
	7H9868	EYELET, hood to intermediate hoodstick	4							
	610624	STUD, hood to intermediate hoodstick	4	fitted from FD/FDU75001						
	ZKC751	BUTTON, black	8							
	713499	BUTTON, white	8							
	713501	SOCKET, hood rear lower attachment	8							
	715842	ANGLE, retaining, hood to rear deck	1							
	ZKC751	BUTTON, black	5							
	713501	SOCKET, hood rear upper attachment	5							
55	609331	ASSEMBLY, hood catch, hoodsticks	2	fitted up to FD20000 LHD and approx FD13980 RHD						
56	SP87K5	SCREW, set, hood catch to header rail	4							
57	WL700101	WASHER, shakeproof	4							
58	WM55	WASHER, plain, hood catch to header rail	4							
59	HN2005	NUT, hood catch to header rail	4							

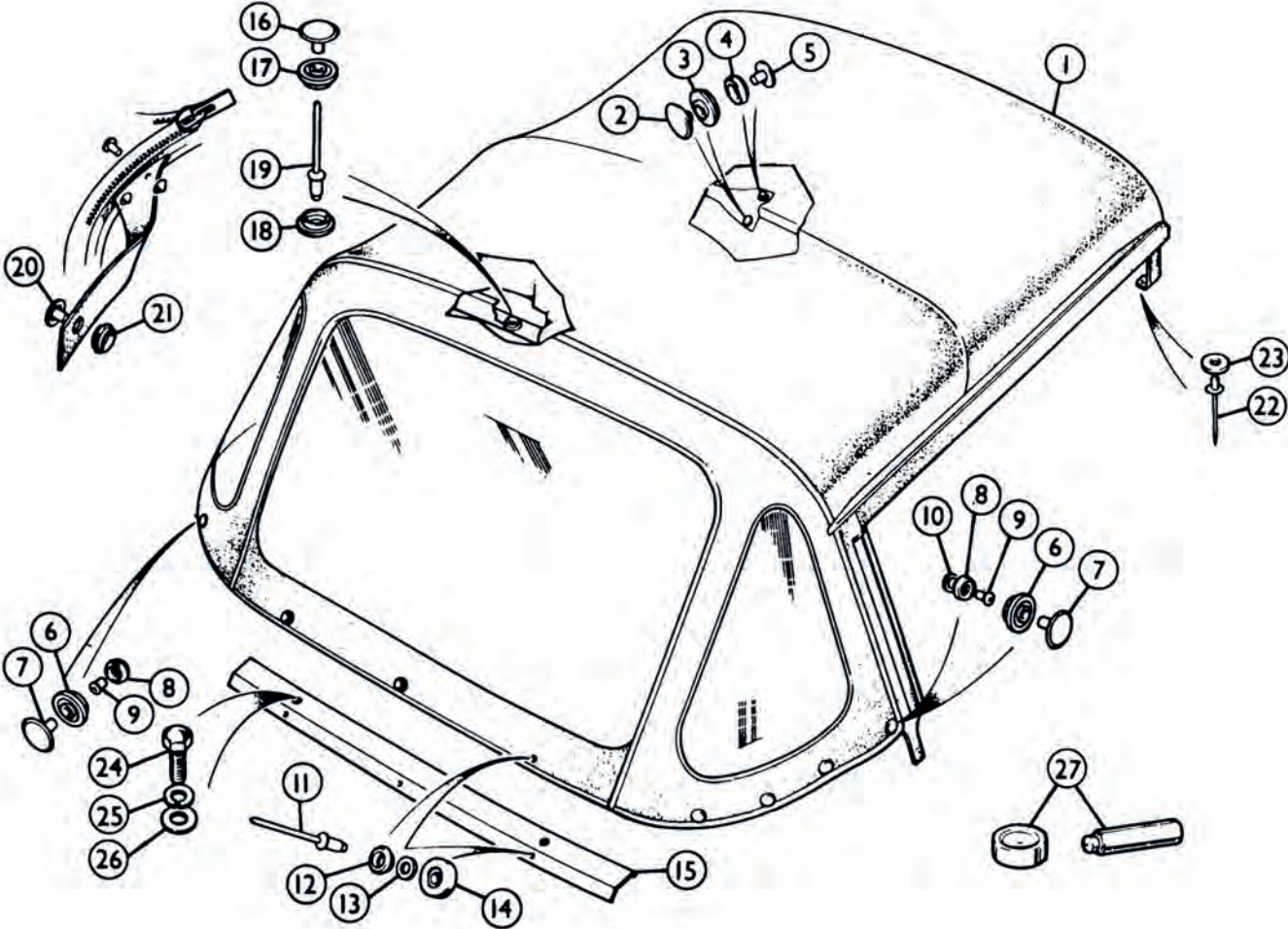


Hardtop - MkI-III

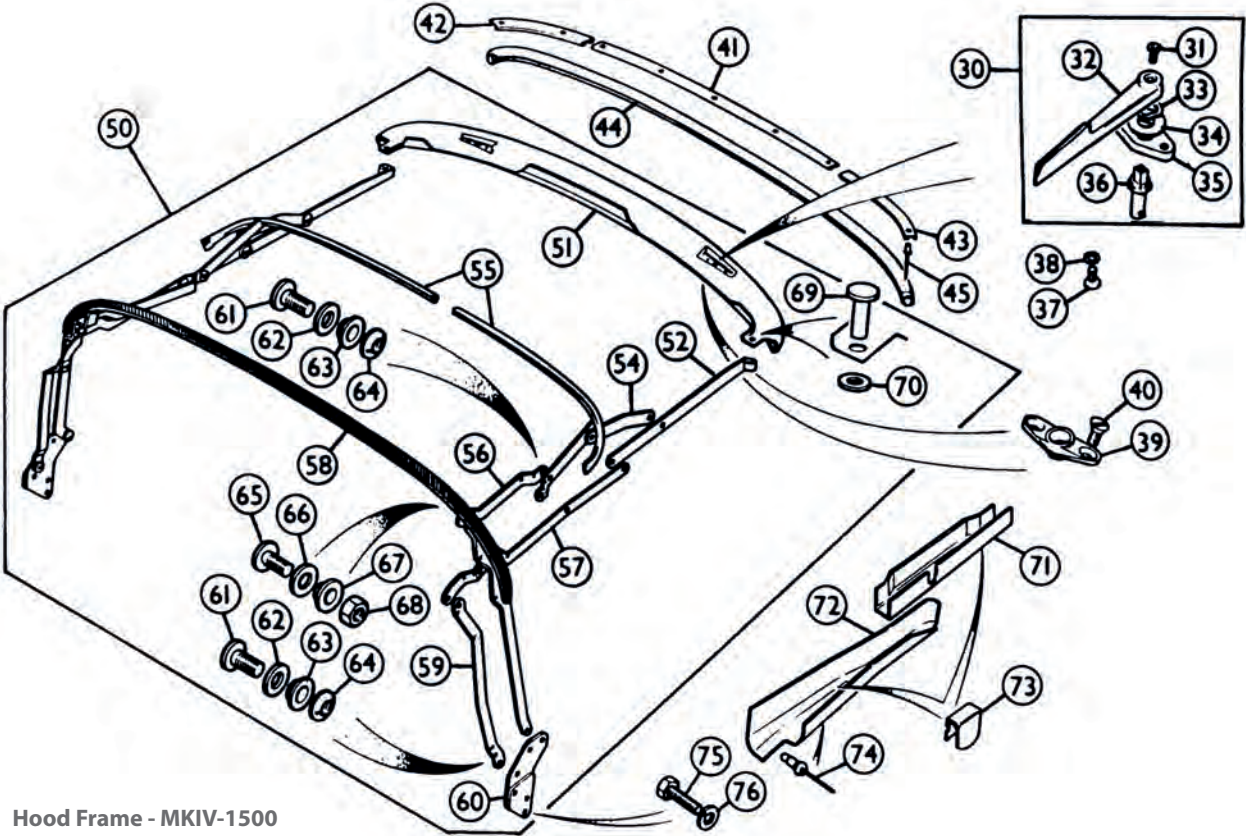


Tonneau Cover - MkI-III

ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
Hardtop - Mkl-III									
1	575435	HARDTOP, white	1		58	7H9864	BUTTON	a/r	Mkl-II
	575620	HARDTOP, black	1			621690	BUTTON, white	15	MkIII
2	707348	HEADLINING ASSEMBLY, white	1			621630	BUTTON, black	15	
	717451	HEADLINING ASSEMBLY, black	1			713499	BUTTON, white, alternative	15	
	717454	HEADLINING ASSEMBLY, beige	1	Mkl-III		ZKC751	BUTTON, black, alternative	15	
	816331	FINISHER, backlight, black	1		59	565742	SOCKET	a/r	Mkl-II
	816334	FINISHER, backlight, beige	1			621639	SOCKET	15	MkIII
		(Headlining assembly (Black) 717451 or 717454 (Beige) together with Backlight finisher (Black) 816331, may be used in place of 707348 for all replacements).				713501	SOCKET, black, alternative	15	
3	806144	RUBBER, sealing, header	1		60	564829	EYELET, zip fastener to tonneau	1	Mkl-III
4	613955	INSERT, glazing, rubber	1		61	565756	RIVET, cap, zip fastener to tonneau	1	
5	611437	CLIP, glazing, rubber insert	1		65	611707	ASSEMBLY, bracket, centre	1	Mkl-II up to (c) FC50000
6	903599	RUBBER, backlight glazing	1			617297	ASSEMBLY, bracket, centre	1	Mkl-II-III from (c) FC50001
7	807499	GLASS, backlight	1		66	564829	STUD, tonneau cover attachment	2	Mkl-II up to (c) FC50000
10	624817	BOLT, domed, roof to rear deck	2	Mkl-II		617296NF	STUD, tonneau cover attachment	2	Mkl-II-III from (c) FC50001
	624818	BOLT, hex, domed, roof to rear deck	2	MkIII	67	611709	ASSEMBLY, bracket, outer	2	Mkl-II up to (c) FC50000
11	GHF332	WASHER, spring, roof to rear deck	2			617298	ASSEMBLY, bracket, outer	2	Mkl-II-III from (c) FC50001
12	WA108052	WASHER, plain, roof to rear deck	2		68	564829	STUD, tonneau cover attachment	2	Mkl-II up to (c) FC50000
13	614053	FINISHER, roof to rear deck	2			617297NF	STUD, tonneau cover attachment	2	Mkl-II-III from (c) FC50001
14	2K9679	WASHER, rubber, roof to rear deck	2		71	612976	PLUG, rubber, windscreen capping	2	
15	613931	PLATE, tapped, roof to rear deck	2				(Not required when hard top is fitted).		
NI	613932	BOLT, special, roof to body	2		74	615692	FINISHER, B post, top, RH	1	
NI	WM58	WASHER, plain, roof to body	2	Mkl-II only	75	615691	FINISHER, B post, top, LH	1	
NI	GHF332	WASHER, spring, roof to body	2		76	511786	SCREW, self tapping, finisher to body	2	
20	613927	RETAINER, tapped plate,	2	body fixing bracket	77	621482	FINISHER, flange, rear deck panel	1	
21	613928	PLATE, tapped, body fixing bracket	2			621801	FINISHER, flange, rear deck panel	1	soft top, alternative
NI	609206	BRACKET, mounting, listing rail	4			621802	FINISHER, flange, rear deck panel	1	hard top, alternative
22	621433	BRACKET, fixing, roof to body side	2		79	621628	CLIP, finisher attachment	14	
23	621434	TIE-BAR, hard top to body side	2		81	621641	STUD, tonneau cover to door, white	6	for white covers
26	611640	BOLT, hex, domed	2			621640	STUD, tonneau cover to door, black	6	for black covers
27	GHF332	WASHER, spring	2	tie-bar to fixing bracket	82	RU608123	RIVET, imex, tonneau cover to door	6	
28	WA108052	WASHER, plain	2		84	610624	STUD, hood to tonneau, B post finisher	2	
29	512135	SET SCREW, bracket to roof	4			509563	WASHER, chrome	2	
30	510397	WASHER, shakeproof, bracket to roof	4		85	GHF600	RIVET, imex, stud attachment	2	
31	611640	BOLT, hex, domed, toe-bar to body	2						
32	GHF332	WASHER, spring, tie-bar to body	2						
33	WA108052	WASHER, plain, tie-bar to body	2						
36	600032	RETAINER, nut	2	fitted up to (c) FD20000 LHD & approx FD13980 RHD					
37	NQ2708	NUT, square	2						
38	613508	TUBE, distance, hard top to windscreen	2						
39	WM57	WASHER, plain, hard top to windscreen	2	alternative to 'bright' items					
40	GHF332	WASHER, spring, hard top to windscreen	2	listed below					
41	611639	BOLT, domed, hard top to windscreen	2						
	622887	BOLT, domed, hard top to windscreen	2	alternative to 'dull' items					
	GHF332	WASHER, spring, hard top to windscreen	2	listed below					
	517263	WASHER, plain, hard top to windscreen	2						
43	613950	LISTING ROD, front	1						
44	613951	LISTING ROD, centre	1						
	613952	LISTING ROD, rear	1						
45	608307	CLIP, locating, listing rod	6						
46	614150	PAD, sealing, B post to hard top	2						
47	611611	FINISHER, snap-on, headlining, black	1						
	511479	SET SCREW	2						
	510289	WASHER, plain	2						
48	616429	RUBBER, sealing, cantrail, RH	1						
	616428	RUBBER, sealing, cantrail, LH	1						
49	610633	WEATHERSEAL, roof to deck	1						
Tonneau Cover - Mkl-III									
55	706822	COVER, tonneau, white, RHD	1						
	706820	COVER, tonneau, black, RHD	1	Mkl-II up to (c)					
	706821	COVER, tonneau, white, LHD	1	FC50000 only					
	706819	COVER, tonneau, black, LHD	1						
	708887	COVER, tonneau, white, RHD	1						
	708885	COVER, tonneau, black, RHD	1	Mkl-II from (c)					
	708886	COVER, tonneau, white, LHD	1	FC50001 only					
	708884	COVER, tonneau, black, LHD	1						
	811803	COVER, tonneau, white, RHD	1	MkIII, alternative to 816999					
	811801	COVER, tonneau, black, RHD	1	MkIII, alternative to 816991					
	811802	COVER, tonneau, white, LHD	1	MkIII, alternative to 816989					
	811800	COVER, tonneau, black, LHD	1	MkIII, alternative to 816981					
	816999	COVER, tonneau, white, RHD	1	MkIII, alternative to 811803					
	816991	COVER, tonneau, black, RHD	1	MkIII, alternative to 811801					
	816989	COVER, tonneau, white, LHD	1	MkIII, alternative to 811802					
	916981	COVER, tonneau, black, LHD	1	MkIII, alternative to 811800					
	561335	FASTENER, zip, tonneau cover	1	Mkl-III					
56	618177	EYELET, sail	4	MklII from (c) FC50001					
57	618178	RING, sail eyelet	4	& MkII					



Hoods - MKIV-1500



Hood Frame - MKIV-1500

ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------	------	-------------	-------------	------	---------

Hood, Hood Frame & Fittings - MKIV-1500

Hoods

Note: Please see page A25 in the Accessories section for full details.

The material used to produce original Triumph hoods is unfortunately no longer available. Our XKC1781 original style vinyl hoods are manufactured from the nearest possible equivalent material to that which Triumph cars were fitted with when new. Sufficient plastic 'durable dot' sockets (fitting the original plastic studs on the car body) are supplied loose with each hood. When Spitfires were still in production the stud spacing on the body varied slightly from car to car. The spacing problem has obviously been accentuated over the years by cars undergoing varying degrees of repair or renovation, so the safest policy is to allow customers to fit the sockets to their new hoods.

To sum up, each XKC1781 hood is supplied fitted with the following:

- 1 x item 15
- 4 x nos. 2, 3, 4, 5
- 3 x nos. 11, 12, 13
- 4 x nos. 16, 17

The following is supplied loose to be fitted by the customer: 8 x nos. 6 and 7. It is advised that the correct tool set (item 27) should be used to attach the loose durable dots.

1	XKC1781	HOOD, vinyl, black, OE type*	1	zip out rear window
	XKC1781B	HOOD, vinyl, black, aftermarket*	1	
	XKC1781DD	HOOD, double duck, black	1	
	XKC1781MH	HOOD, mohair, black*	1	
	XKC1781H	HOOD, happisch, black	1	

*Note: Other colours available to special order.

Happisch, a superior black (Mohair type fabric) hood is also available, again complete with all fittings. The material, chosen as original equipment by Jaguar and Lotus, comprises a spin died outer skin woven from polyester, and poly-acrylic fibres, a middle layer of synthetic rubber, and an abrasive resistant inner layer of cotton. Characteristics include resistance to creasing and colour loss. Stroll into your local Jaguar dealer and have a look!

2	7H9864	SILVER BUTTON, 'durable dot'	4	
3	7H9866	METAL SOCKET, 'durable dot'	4	hood to centre
4	610624	METAL STUD, 'durable dot'	4	rail of frame
5	7H9868	BASE, holding stud to hood fabric	4	
6	713501	PLASTIC SOCKET, 'durable dot'	8	
7	ZKC751	BUTTON, black, 'durable dot'	8	
8	713511	PLASTIC STUD, black, 'durable dot'	8	rear quarter of
	713519	PLASTIC STUD, white, 'durable dot'	8	hood to body
9	RU608253	RIVET	8	
10	509563	WASHER, plain, fitted to 'B' post cap	2	
11	GHF600	POP RIVET	3	
12	713511	PLASTIC STUD, black, 'durable dot'	3	hood to rear
	713519	PLASTIC STUD, white, 'durable dot'	3	retainer plate
13	509563	WASHER, plain, spacing	3	
14	631771	PAD, protection	3	
(The pads glue to the underside of the retainer plate (15). They prevent the tail of the rivet (11) from marking the body paint work).				
15	715842	RETAINER PLATE, rear	1	
16	ZKC751	BUTTON, black, 'durable dot'	5	
17	713501	PLASTIC SOCKET, 'durable dot'	5	hood to rear rail
18	713511	PLASTIC STUD, black, 'durable dot'	5	of frame
	713519	PLASTIC STUD, white, 'durable dot'	5	
19	GHF600	POP RIVET	5	
20	ZKC751	BUTTON, black, 'durable dot'	2	rear window
21	713501	PLASTIC SOCKET, 'durable dot'	2	retaining strap
22	GHF600	POP RIVET, restrainer to header rail	2	
23	509563	WASHER, plain, spacing	2	attaches rear
24	624818	BOLT, chrome, dome headed	2	retainer plate
25	GHF332	WASHER, locking	2	
26	WA108052	WASHER, plain, chrome	2	

For cars which have had the original plastic studs on the bodywork replaced with the bright metal type (part no. 610624), the buttons and sockets on the rear corners of the hood should be replaced with the following parts:

7H9864	SILVER BUTTON, 'durable dot'	a/r
7H9866	METAL SOCKET, 'durable dot'	a/r
(Note: metal/plastic studs & sockets will not fit each other).		

To make a tidy professional job of replacing either metal or plastic sockets in your hood you will require the following tool.

27	GAC5060X	DURABLE DOT TOOL, 2 piece	1
----	----------	---------------------------	---

Hood Frame

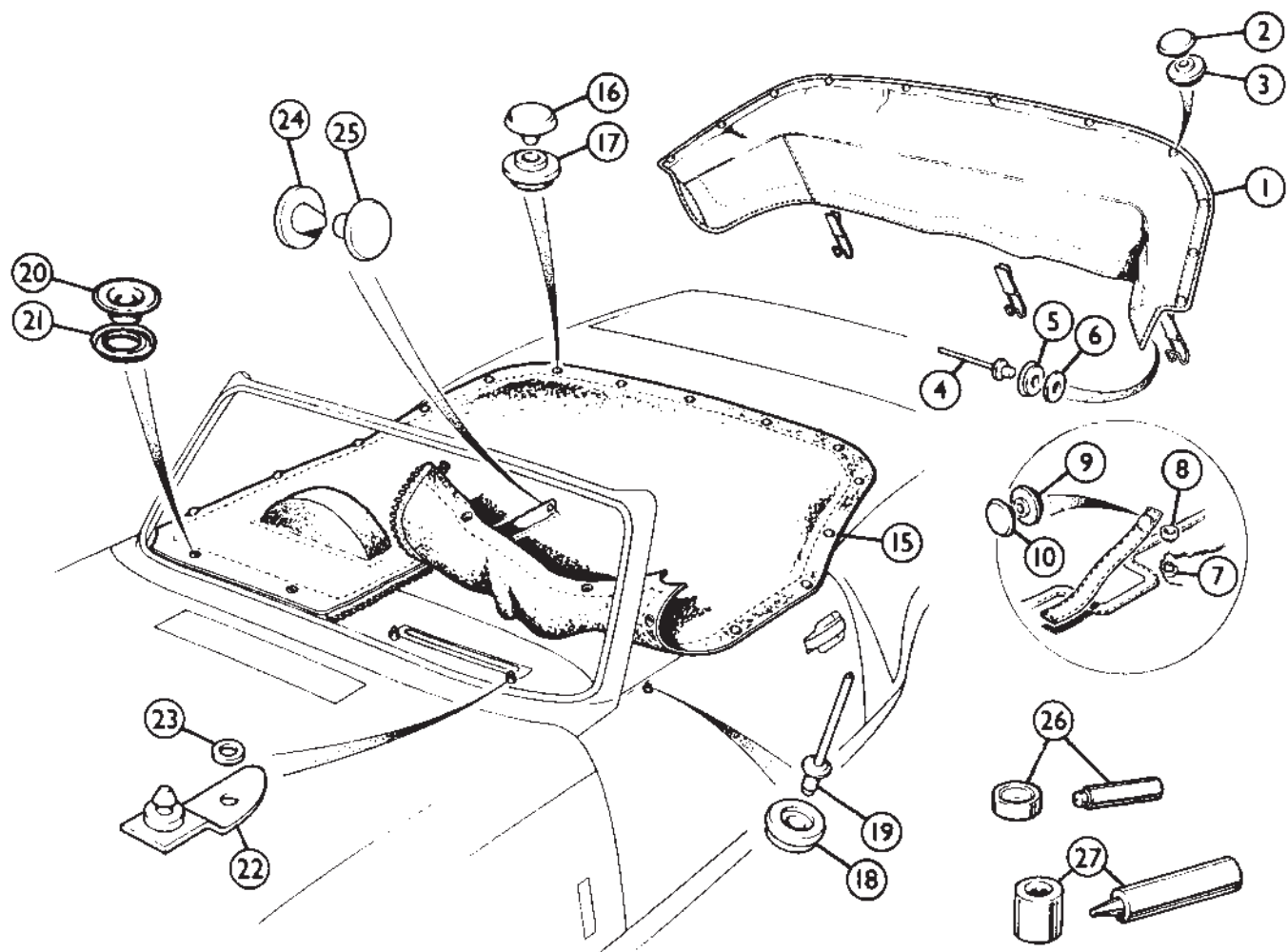
30	623470	HANDLE, closing, RH	1	fitted to screen frame
	623469	HANDLE, closing, LH	1	
31	078686	SCREW, countersunk	2	
32	621757	TURN HANDLE	2	
33	AWZ106	WASHER, tensioning	2	
34	GHF302	WASHER, plain	2	
35	624392	MOUNTING PLATE	2	
36	624360	LOCKING PIN	2	
37	RMP308	SCREW, countersunk	4	
38	WK7605	WASHER, shakeproof	4	
39	815135	CATCH PLATE, LH	1	fitted to screen frame
	815136	CATCH PLATE, RH	1	
40	ZKC38	SCREW, countersunk	4	
NI	713036K	SEAL & CHANNEL KIT, header rail	1	
41	713036	RETAINER, header rail seal, centre	1	
42	713037	RETAINER, header rail seal, LH	1	
43	713038	RETAINER, header rail seal, RH	1	
44	629584	SEAL, header rail	1	
45	RU608123	RIVET, retainer to header rail	9	
50	WKC1650	HOOD FRAME	1	

Note: If fitting an old hood frame you must make sure that the links are all correctly formed & not distorted. Look also at the bushes; if they are worn unevenly, it suggests that part of the linkage in that area is incorrect. The answer is to keep checking & 'tweak' as necessary, or even replace the section. Replace bushes & screws as necessary. Remember the screws are not fitted tight but should be locked into the correct position using dome nuts.

51	814828	HEADER RAIL	1	between header rail & frame to 1976†
52	715874	CONTROL LINK, front, RH†	1	
	715873	CONTROL LINK, front, LH†	1	
54	624586	UPPER LINK, front	2	
55	815273	HOOD BOW, front	1	
56	624600	UPPER LINK, rear, RH	1	
	624599	UPPER LINK, rear, LH	1	
57	715870	LOWER LINK, rear, RH	1	
	715869	LOWER LINK, rear, LH	1	
58	815274	HOOD BOW, rear	1	rear upper links to rear hood bow only
59	715872	VERTICAL LINK, RH	1	
	715871	VERTICAL LINK, LH	1	
60	715868	HINGE PLATE, RH	1	
	715867	HINGE PLATE, LH	1	
61	624569	SCREW, domed head	18	
62	624583	WASHER, plain, nylon	18	
63	624580	BUSH & SPACER, nylon	18	
64	624584	DOME NUT, locking	18	
65	624569	SCREW, domed head	2	between header rail & frame to 1976†
66	624583	WASHER, plain, nylon	2	
67	624580	BUSH & SPACER, nylon	2	
68	JN2107	HALF NUT	2	
69	621465	RIVET, header rail to frame	2	
70	WC106041	WASHER, plain,	2	
71	823224	COVER, hood linkage, RH, front	1	
	823223	COVER, hood linkage, LH, front	1	
	YKC1712	COVER, hood linkage, RH, front	1	
	YKC1711	COVER, hood linkage, LH, front	1	
72	818841	COVER, hood linkage, RH, rear	1	to 1976†
	818831	COVER, hood linkage, LH, rear	1	
	XKC1832	COVER, hood linkage, RH, rear	1	
	XKC1831	COVER, hood linkage, LH, rear	1	
73	619859	CLIP, retaining cover	8	
74	RA612253	RIVET	8	

†Note: During 1976 there was a change to a new type of plastic trim fitted above the door glass (the exact change point is not known). These plastic covers were initially clipped, but 1976 on models had the covers held by pop-rivets. These covers can be interchanged; the choice of attachment falls to the owner and his/her cover and frame combination.

75	GHF101	SCREW, hinge plate to body	6
76	505259	WASHER, locking	6



ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
------	-------------	-------------	------	---------	------	-------------	-------------	------	---------

Hood Stowage Cover - MkIV-1500

There are two specific types of hood stowage covers, one for non hard-top cars, and the other for when a factory hardtop is fitted (and the hood is left folded in the car). The two types don't interchange, as the latter is shaped to match the inside ledge of the hardtop. The original style hood cover includes wire hooks to fasten the cover to the hood frame. Aftermarket covers use durable dots on elastic straps.

1	822401	COVER, hood stowage, black	1	
	822401B	COVER, hood stowage, black	1	aftermarket
	822404	COVER, hood stowage, beige	1	
	822404Z	COVER, hood stowage, beige	1	aftermarket
	822431	COVER, hood stowage, black	1	} original style, } for use with hardtop
2	ZKC751	BUTTON, 'durable dot'	11	
3	713501	PLASTIC SOCKET, 'durable dot'	11	
4	GHF600	POP RIVET	2	
5	713511	PLASTIC STUD, 'durable dot'	2	black
	713519	PLASTIC STUD, 'durable dot'	2	white (alternative)
6	WP4	WASHER, plain	2	
7	7H9868	BASE, holding stud to fabric	2	} hard top type } hood cover only
8	610624	METAL STUD, 'durable dot'	2	
9	7H9866	METAL SOCKET, 'durable dot'	2	
10	7H9864	SILVER BUTTON, 'durable dot'	2	

Tonneau Cover - MkIV-1500

15	822451	TONNEAU, black, RHD	1	} without head
	822461	TONNEAU, black, LHD	1	
	822491	TONNEAU, black, RHD	1	} with head
	822501	TONNEAU, black, LHD	1	
16	ZKC751	BUTTON, 'durable dot'	15	
17	713501	PLASTIC SOCKET, 'durable dot'	15	
18	713511	PLASTIC STUD, 'durable dot'*	6	black
	713519	PLASTIC STUD, 'durable dot'*	6	white, (alternative)
19	RU608123	RIVET*	6	*fitted on doors
20	618177	SAIL EYELET	4	} front edge of
21	618178	SAIL EYELET RING	4	
22	630513	BRACKET, outer	2	} to hold sail eyelets
	630512	BRACKET, inner	2	
23	GHF306	WASHER, spacing	4	demister outlet to bracket
24	563032	RIVET BASE	1	attaching zip
25	565756	RIVET CAP	1	fastener

*Note: For cars which have had the original plastic studs on the bodywork replaced with the bright metal type (part no. 610624), the buttons and sockets on the rear corners of the hood should be replaced with the following parts:

7H9864	SILVER BUTTON, 'durable dot'	a/r
7H9866	METAL SOCKET, 'durable dot'	a/r
(Because metal/plastic studs & sockets will not fit each other).		

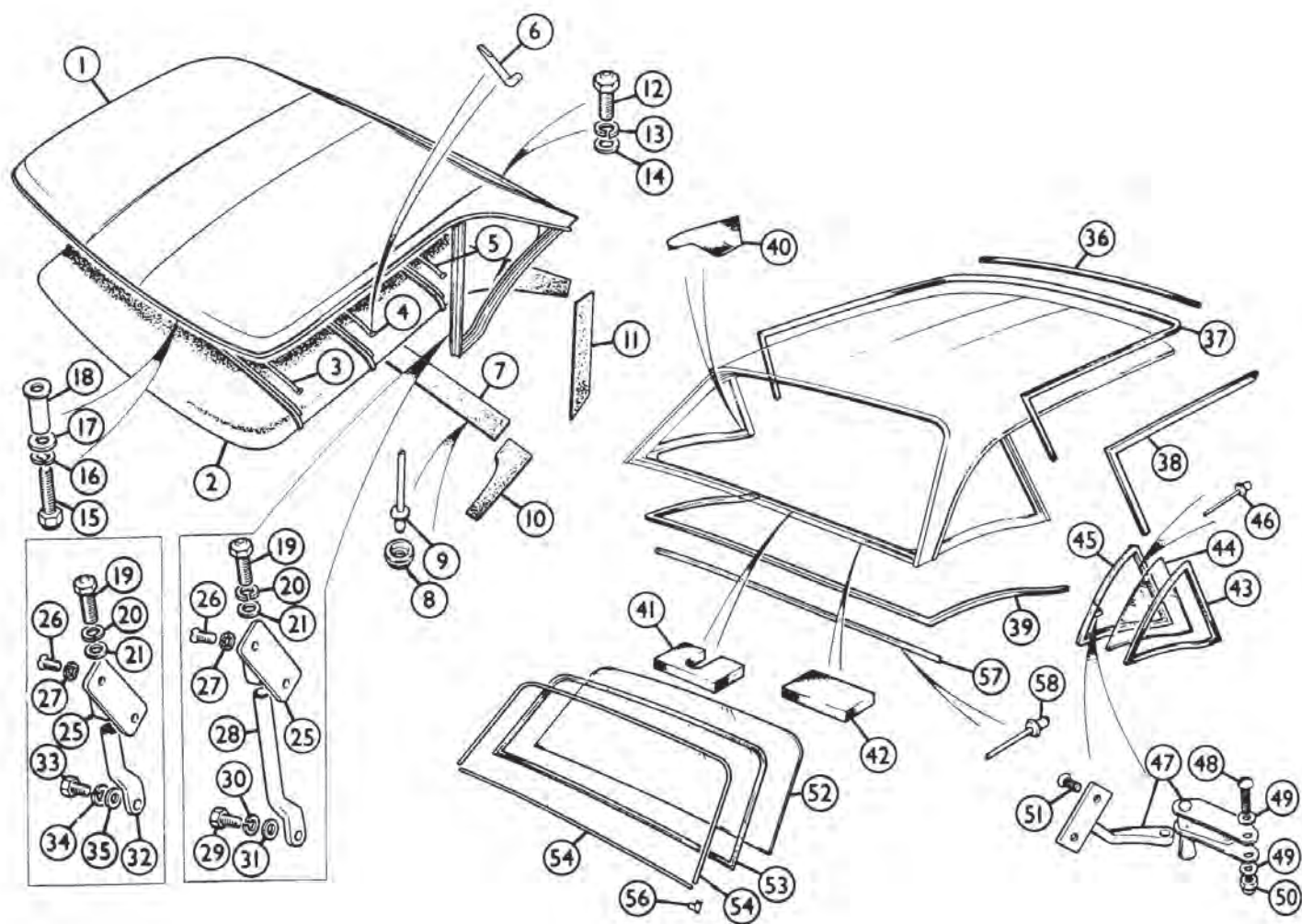
Note: To make a tidy professional job of replacing either metal or plastic sockets in your hood cover or tonneau, you will require the following tool:

26	GAC5060X	DURABLE DOT TOOL, 2 piece	1
----	----------	---------------------------	---

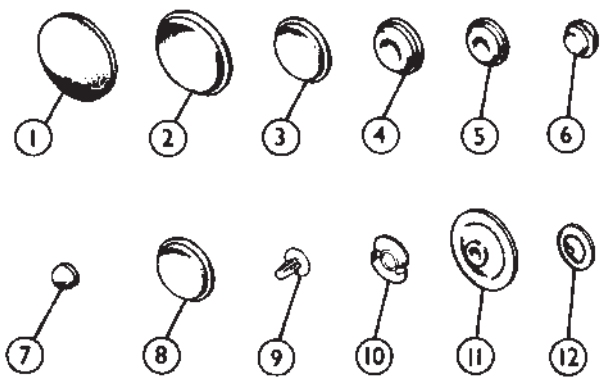
We also have a tool for attaching sail eyelets to the tonneau.

27	GAC5062X	SAIL EYELET TOOL, 2 piece	1
----	----------	---------------------------	---

Note: Please see page A25 in the Accessories section for details of tonneau and hood stowage covers.



ill.	Part Number	Description	Req.	Details	ill.	Part Number	Description	Req.	Details
Hardtop - MkIV-1500									
1	NKC344	HARDTOP	1						
2	707348Z	HEADLINING KIT, white	1	MkI-III					
	726549Z	HEADLINING KIT, white	1	MkIV-1500					
3	725084	LISTING RAIL, front	1						
4	725085	LISTING RAIL, middle	1						
5	725086	LISTING RAIL, rear	1						
6	607745	END CATCH, listing rails	6						
7	632234	COVER, rear shelf centre	1						
8	713511	STUD, plastic, 'durable dot', black	3	hood cover fixing					
9	GHF600	POP RIVET	3						
10	726524	COVER, rear shelf, LH side	1						
	726534	COVER, rear shelf, RH side	1						
11	632244	COVER, LH 'B' post	1						
	632254	COVER, RH 'B' post	1						
12	624818	BOLT, dome headed, chrome	2						
13	GHF332	WASHER, locking	2						
14	WA108052	WASHER, plain, chrome	2						
15	622888	BOLT, black, dome head	2	front hardtop fitting					
16	GHF332	WASHER, locking	2						
17	517263	WASHER, plain	2						
18	624825	DISTANCE TUBE	2						
19	624818	BOLT, dome headed, chrome	2						
20	GHF332	WASHER, locking	2						
21	WA108052	WASHER, plain, chrome	2						
25	716025	MOUNTING BRACKET, LH	1						
	716026	MOUNTING BRACKET, RH	1						
26	512135	SCREW, countersunk	4						
27	510397	WASHER, locking	4						
28	624873	BRACKET, hardtop mounting, LH	1	when hood frame					
	624874	BRACKET, hardtop mounting, RH	1	not fitted: brackets					
29	GHF101	SCREW	2	attach to hood frame					
30	GHF331	WASHER, locking	2	mounting points					
31	GHF300	WASHER, plain	2						
32	624720	BRACKET, hardtop to hood frame	2	when hood frame is					
33	624817	SCREW, tie bar mounting	2	still fitted: brackets					
34	GHF332	WASHER, locking	2	attach to tapped points					
35	WA108052	WASHER, plain, chrome	2	in hood frame					
36	629584	SEAL, header rail	1						
37	630961	SEAL, rubber and felt	1	fitted around hard top					
38	716184	SEAL, door glass, RH	1						
	716183	SEAL, door glass, LH	1						
39	624831	SEAL, rubber & felt	1	lower edge					
40	624747	SEAL PAD, 'B' post, LH	1						
	624748	SEAL PAD, 'B' post, RH	1						
41	624746	MOUNTING RUBBER	2						
42	624876	MOUNTING RUBBER	2						
43	818811	SEAL, quarter light, RH	1						
	818801	SEAL, quarter light, LH	1						
44	XKC3629	GLASS, quarter light	2						
45	XKC3628	FRAME, quarter light, RH	1						
	XKC3627	FRAME, quarter light, LH	1						
46	560026	POP RIVET	6						
47	624812	HINGE ASSEMBLY, RH	1						
	624811	HINGE ASSEMBLY, LH	1						
48	574132	MOUNTING SCREW	2	hinge to top					
49	519912	WASHER, plain	4						
50	574133	NUT, dome head	2						
51	508566	SCREW, countersunk	4						
52	XKC3641	GLASS, rear	1						
53	911040	SEAL, rubber, rear glass	1						
54	613955	SEAL MOULDING	1						
56	630642	CORNER CAPPING	2	seal mouldings					
57	818498	MOULDING, hardtop rear edge	1						
58	GHF1461	RIVET, rear edge moulding	5						



Body Plugs & Grommets

ill.	Part Number	NCA	Description	Req.	Details
1	RFN218		PLUG, 1 1/8"	2	] seat pan
2	600399		PLUG, 1"	3	
	600399		PLUG, 1"	4	main floor
	600399		PLUG, 1"	3	
	600399		PLUG, 1"	2	rear wheel arch outer
	600399		PLUG, 1"	2	
	600399		PLUG, 1"	2	heelboard x-member
	600399		PLUG, 1"	2	
3	600421		PLUG, 1 3/16"	1	main floor
	600421		PLUG, 1 3/16"	4	
4	RFN210		PLUG, 5/8"	2	heelboard x-member
5	14A7031		PLUG, 1/2"	4	
	RFR208		PLUG, 1/2"	2	inner sill panel
	RFR208		PLUG, 1/2"	1	
	RFR208		PLUG, 1/2"	2	bulkhead
	RFR208		PLUG, 1/2"	1	
6	CD27769		PLUG, 3/8"	2	rear wing
7	ADA803		BUFFER, 5/16"	4	
8	ZKC1234		PLUG, radio aerial hole	1	heel-board
9	631018		BUTTON, snap fixing (Italy only).	1	
				2	fascia shelf panel
				2	
10	338023A		PLUG, metal & plastic	1	rear bumper holes
11	602037		GROMMET	1	
12	061917		GROMMET	1	floor
	061917		GROMMET	1	
	061917		GROMMET	1	rev counter cable
	061917		GROMMET	1	
	061917		GROMMET	1	heater valve cable
	061917		GROMMET	1	
	061917		GROMMET	1	no. plate lamp cable
	061917		GROMMET	1	
	061917		GROMMET	1	choke cable
	061917		GROMMET	1	

Paint & Colour Codes

Moss Classic Car Colours

Moss Europe has a division (called 'Classic Car Colours') that specialises in the production of spray & touch-up paints. If there is sufficient demand to 're-instate' a colour, we will do our utmost to include it in our range. Here is a list of the colours used on the Spitfire MkIV & 1500. The colours are carefully blended to be an exact match to the original paint as used by the factory, but it is worth observing that your car may well have faded from its original colour over the years. For this reason before you start, we recommend that you do a test spray of any aerosol on a piece of old metal or a carefully selected area of the car where a mismatch will not be noticed. The boot or spare wheel area is often a convenient place to do your testing.

We can supply paint in either aerosol or brush-on format. The aerosols come in 300ml cans and the brush-on paints are available in 125ml cans with a brush in the cap (except for engine and chassis paints, which are supplied in 500ml tins).

Colour Codes 1962-76

The Triumph paint code will be found stamped on the commission number plate of your car and the last digit indicates the base reference colour.

For example:
1 = Black, 2 = Red, 3 = Brown, 4 = Yellow, 5 = Green, 6 = Blue, 7 = Purple, 8 = Grey, 9 = White

Colour Codes from 1976-80

A three letter coding system was introduced in 1976, and can be found on the commission number plate (to 1979) or the Vehicle Identification Number (from 1979). In this system, the first letter denotes the base reference colour:

For example:
A = Brown, C = Red, F = Yellow, H = Green, J = Blue, N = White, P = Black.

Colour			Year	Aerosol	Touch-up
Reds	Signal	32	71-72	CCRD32	CCRD32TU
	Pimento	72	71-75	CCRD72	CCRD72TU
	Magenta	92	73-74	CCRD92	CCRD92TU
	Carmine	82/CAA	73-on	CCRD209	CCRD209TU
	Flamenco	CAD	76-78	CCRD133	CCRD133TU
	Vermilion	CAE	78-on	CCRD118	CCRD118TU
Browns	Sienna	23	71-74	CCBG23	CCBG23TU
	Maple	83	75	CCBG73	CCBG73TU
	Russet	93/AAE	76-on	CCBG205	CCBG205TU
Yellows	Saffron	54	71-74	CCYL54	CCYL54TU
	Mimosa	64	73-75	CCYL64	CCYL64TU
	Topaz	84	75-76	CCYL84	CCYL84TU
	Inca	94/FAB	76-on	CCYL207	CCYL207TU
Greens	Laurel	55	71-72	CCGN55	CCGN55TU
	Emerald	65	71-74	CCGN65	CCGN65TU
	British Racing Green	75	75-76	CCGN75	CCGN75TU
	Java	85/HAB	75-78	CCGN85	CCGN85TU
	Brooklands	HAE	76-on	CCGN169	CCGN169TU
Blues	Wedgewood	26	71-72	CCBU26	CCBU26TU
	Valencia	66	71-72	CCBU66	CCBU66TU
	Ice	116	71-72	CCBU116	CCBU116TU
	Mallard	106	71-74	CCBU106	CCBU106TU
	Sapphire	96	71-74	CCBU96	CCBU96TU
	French	126	73-76	CCBU126	CCBU126TU
	Delft	136	75-76	CCBU136	CCBU136TU
	Tahiti	146/JAE	75-78	CCBU65	CCBU65TU
	Pageant	JAG/JNA	78-on	CCBU224	CCBU224TU
Maroons	Damson	17	71-74	CCRD17	CCRD17TU
Greys	Slate	68	71-72	CCGR68	CCGR68TU
Whites	White	19/NAB	71-78	CCWT19	CCWT19TU
	Leyland White	NAF	78-on	CCWT243	CCWT243TU
Other Paints	Black Gloss	11/PAA		CCSB1	CCSB1TU
	Black Satin		71-on	CCSB2	CCSB2TU
	Primer (High Build)			CCP1	CCP1TU
	Wheel Silver		71-on	CCWP1	CCWP1TU
	Engine Paint (Black)		71-on	CCWP4	CCWP4BR
	*Chassis Paint (Black)				CCCB1BR
	Supplied in 500ml tins				

General Hardware & Fixings

Following is a listing of the common fasteners used on Triumph cars. These fasteners are for general use and are not intended to replace those listed for specific applications elsewhere in this catalogue. To aid identification by terminology, a screw is threaded for its full length. A bolt is only part threaded with a plain unthreaded shank area between the head and the thread. The part number two letter prefix of SH means that the item is a Screw with a Hexagon head. The prefix BH means a Bolt with a Hexagon head. The first number defines the thread type, UNF = 6, UNC = 5. The second and third numbers give the thread diameter in increments of 1/16", e.g. 04 = 1/4", 05 = 5/16", 10 = 5/8". The fourth and fifth digits show the length in increments of 1/8", e.g. 04 = 1/2", 16 = 2", 23 = 2 7/8". The last digit defines finish, 1 = zinc plated. This coding system is only applicable to bolts and screws; nuts & washers are coded by a similar system that follows some of the above principles.

Bolts and Set Screws

3/16" UNF

Hexagon Headed 3/8" A.F. Spanner Size

Bolt	Set Screw	
	3/8"	HU503
	1/2"	HU504
	5/8"	HU505
	3/4"	HU506
	7/8"	HU507
	1"	HU508

1/4" UNF

Hexagon Headed 7/16" A.F. Spanner Size

Bolt	Set Screw	
	3/8"	SH604031
	1/2"	SH604041
	5/8"	SH604051
	3/4"	SH604061
	7/8"	SH604071
BH604081	1"	SH604081
BH604091	1 1/8"	SH604091
BH604101	1 1/4"	SH604101
BH604111	1 3/8"	SH604111
BH604121	1 1/2"	SH604121
BH604141	1 3/4"	SH604141
BH604161	2"	SH604161
BH604181	2 1/4"	
BH604201	2 1/2"	
BH604241	3"	

5/16" UNF

Hexagon Headed 1/2" A.F. Spanner Size

Bolt	Set Screw	
	3/8"	SH605031
	1/2"	SH605041
	5/8"	SH605051
	3/4"	SH605061
	7/8"	SH605071
	1"	SH605081
BH605091	1 1/8"	SH605091
BH605101	1 1/4"	SH605101
BH605111	1 3/8"	SH605111
BH605121	1 1/2"	SH605121
BH605141	1 3/4"	SH605141
BH605151	1 7/8"	SH605151
BH605161	2"	SH605161
BH605181	2 1/4"	SH605181
BH605201	2 1/2"	SH605201
BH605221	2 3/4"	SH605221
BH605241	3"	SH605241

3/8" UNF

Hexagon Headed 9/16" A.F. Spanner Size

Bolt	Set Screw	
	3/8"	SH606031
	1/2"	SH606041
	5/8"	SH606051

	3/4"	SH606061
	7/8"	SH606071
	1"	SH606081
BH606081	1 1/8"	SH606091
BH606091	1 1/4"	SH606101
BH606101	1 3/8"	SH606111
BH606111	1 1/2"	SH606121
BH606121	1 3/4"	SH606141
BH606141	2"	SH606161
BH606161	2 1/4"	SH606181
BH606181	2 1/2"	SH606201
BH606201	2 3/4"	
BH606221	3"	
BH606241	3 1/2"	
BH606281	4"	
BH606321		

7/16" UNF

Hexagon Headed 5/8" A.F. Spanner Size

Bolt	Set Screw	
	5/8"	SH607051
	3/4"	SH607061
	7/8"	SH607071
	1"	SH607081
	1 1/8"	SH607091
	1 1/4"	SH607101
	1 3/8"	SH607111
BH607121	1 1/2"	SH607121
BH607141	1 3/4"	SH607141
BH607161	2"	SH607161
BH607181	2 1/4"	SH607181
BH607201	2 1/2"	
BH607241	3"	

1/2" UNF

Hexagon Headed 3/4" A.F. Spanner Size

Bolt	Set Screw	
	1/2"	SH608041
	5/8"	SH608051
	1"	SH608081
	1 1/2"	SH608121
BH608141	1 3/4"	SH608141
BH608161	2"	
BH608181	2 1/4"	
BH608201	2 1/2"	SH608201
BH608241	3"	

1/4" UNC

Hexagon Headed 7/16" A.F. Spanner Size

Bolt	Set Screw	
	3/8"	SH504031
	1/2"	SH504041
	5/8"	SH504051
	3/4"	SH504061
	7/8"	SH504071
	1"	SH504081
BH504091	1 1/8"	SH504091
	1 1/4"	SH504101
BH504111	1 3/8"	SH504111
BH504121	1 1/2"	SH504121
BH504141	1 3/4"	SH504141
BH504161	2"	
BH504181	2 1/4"	SH504181
BH504201	2 1/2"	

5/16" UNC

Hexagon Headed 1/2" A.F. Spanner Size

Bolt	Set Screw	
	3/8"	SH505031
	1/2"	SH505041
	5/8"	SH505051
	3/4"	SH505061
	7/8"	SH505071
	1"	SH505081
	1 1/8"	SH505091
	1 1/4"	SH505101
BH505101	1 3/8"	SH505111
BH505111	1 1/2"	SH505121
BH505121	1 3/4"	SH505141
BH505141	2"	
BH505161	2 1/4"	
BH505181	2 1/2"	SH505201
BH505201	3"	
BH505241		

3/8" UNC

Hexagon Headed 9/16" A.F. Spanner Size

Bolt	Set Screw	
	1/2"	SH506041
	3/4"	SH506061
	7/8"	SH506071
BH506081	1"	SH506081
	1 1/8"	SH506091
	1 1/4"	SH506101
BH506111	1 3/8"	SH506111
BH506121	1 1/2"	SH506121
BH506141	1 3/4"	
BH506161	2"	SH506161
BH506181	2 1/4"	
BH506201	2 1/2"	
BH506241	3"	SH506241

Screws

Self Tapping Screws

Pan Headed	Size	Length	Countersunk Headed
AB604021	No. 4		1/4"
AC604021			
AB606021	No. 6		1/4"
AB606031	No. 6		3/8"
AB606041	No. 6		1/2"
AC606041			
AB606061	No. 6		1/2"
AC606061			
AB606081	No. 6		1/2"
AC606081			
AB608041	No. 8		1/2"
AC608041			
AB608061	No. 8		1/2"
AC608061			
AB608081	No. 8		1"
AB610041	No. 10		1/2"
AC610041			
AB610061	No. 10		1/2"
AC610061			
AB610081	No. 10		1/2"
AC610081			
AB612041	No. 12		1/2"
AC612041			
AB612061	No. 12		3/4"
AB612081	No. 12		1/2"
AC612081			
AB614061	No. 14		3/4"
AC614061			
AB614081	No. 14		3/4"
AC614081			

B = Pan Head
C = Countersunk Head
1st digit = thread type (coarse or fine)
2nd/3rd digit = diameter
4th/5th = length in 1/8" increments
6th = finish (1 = zinc plated)

Screws (Cross Slot)

Pan Headed	Size	Length	Countersunk Headed
PMZ204	No. 6 UNC		1/4"
CMZ204			
PMZ208	No. 6 UNC		1/4"
CMZ208			
PMZ304	No. 10 UNF		1/4"
CMZ304			
PMZ305	No. 10 UNF		1/4"
CMZ305			
PMZ306	No. 10 UNF		1/4"
CMZ306			
PMZ307	No. 10 UNF		1/4"
CMZ307			
PMZ308	No. 10 UNF		1/4"
CMZ308			
PMZ310	No. 10 UNF		1/4"
CMZ310			
PMZ312	No. 10 UNF		1/4"
CMZ312			
PMZ314	No. 10 UNF		7/8"
PMZ316	No. 10 UNF		1/4"
CMZ316			
SE604041	1/4" UNF		1/2"
SF604041			

SE604051	1/4" UNF	1/2"
SF604051		
SE604061	1/4" UNF	1/2"
SF604061		
SE604071	1/4" UNF	1/2"
SF604071		
SE604081	1/4" UNF	1/2"
SF604081		
SE604121	1/4" UNF	1/2"
SF604121		
CMZ428	1/4" UNF	1/2"
SE605061	5/16" UNF	3/4"
SF605061		
SE605081	5/16" UNF	3/4"
SF605081		

Nuts

Nuts: Plain

Full Nut	Thread Size	Spanner Size	Half Nut
HN2003	No. 6 UNF	5/16"	
HN2005	3/16" UNF	3/8"	
GHF206	3/16" UNF	5/16"	
HN2007	1/4" UNF	1/2"	NJ2107
HN2008	5/16" UNF	3/4"	JN2108
GHF202	3/8" UNF	9/16"	JN2109
HN2010	7/16" UNF	5/8"	JN2110
HN2011	1/2" UNF	3/4"	JN2111
HN2012	9/16" UNF	7/8"	JN2112
HN2013	5/8" UNF	15/16"	JN2113
HN2057	1/4" UNC	7/16"	JN2157
HN2058	5/16" UNC	1/2"	JN2158
HN2059	3/8" UNC	9/16"	JN2159

Nuts: Nyloc Self Locking

Full Nut	Thread Size	Spanner Size	Half Nut
YN2905	3/16" UNF	5/16"	
YN2907	1/4" UNF	1/2"	GHF271
YN2908	5/16" UNF	3/4"	TN3208
YN2909	3/8" UNF	9/16"	TN3209
YN2910	7/16" UNF	5/8"	TN3210
YN2911	1/2" UNF	3/4"	TN3211
YN2912	9/16" UNF	7/8"	TN3212
YN2913	5/8" UNF	15/16"	TN3213

Nuts: Self Locking, 'Aero' or all metal, 'Phillidas'

Full Nut	Thread Size	Spanner Size	Half Nut
AN3507	1/4" UNF	7/16"	
AN3508	5/16" UNF	1/2"	
AN3509	3/8" UNF	9/16"	
AN3510	7/16" UNF	5/8"	
AN3511	1/2" UNF	3/4"	

Nuts: Slotted

Full Nut	Thread Size	Spanner Size	Half Nut
ND606041	3/8" UNF	9/16"	LN2209
ND607041	7/16" UNF	5/8"	NL607041
ND608041	1/2" UNF	3/4"	LN2211
ND609041	9/16" UNF	7/8"	LN2212
ND610041	5/8" UNF	15/16"	NL610041

Nuts: Plain Brass - Manifold

Full Nut	Thread	Spanner	Size
GHF261	5/16" UNF	1/2"	
GHF262	3/8" UNF	9/16"	
GHF270	5/16" UNC	1/2"	
GHF269	3/8" UNC	9/16"	

Spring/Spire Nut

Flat Type		'U' Type
GHF700	No. 6	GHF711
GHF701	No. 8	GHF712
GHF702	No. 10	GHF713
GHF703	No. 12	GHF714
GHF704	No. 14	

Captive Nuts

Captive nuts consist of a square nut & cage which we supply individually as required. Always match nut & cage A.F. sizes.

Part Number		Thread Size
NQ2707	Nut, 7/16" AF	1/4"
NQ2708	Nut, 5/8" AF	5/16"
CN4	Nut, fits CN3 cage	1/4"
CN5	Nut, /2" AF	5/16"

Part Number		Spanner (AF) Size
CN2	Cage, square	7/16"
CN3	Cage, oblong	7/16"
600032	Cage, square	1/2"

Washers - Shake-proof

Internal Star	Hole Size	External Star
WF704061	No. 6	WE704061
WF702101	3/16"	WE702101
WF600041	1/4"	WE600041
WF600051	5/16"	WE600051
WF600061	3/8"	WE600061
WF600071	7/16"	WE600071
GHF325	1/2"	WE600081
WF600091	9/16"	WE600091
WF600101	5/8"	WE600101

Locking Washers - Spring Type

Single Coil	Hole Size	Double Coil
WL700061	No. 6	
WL700081	No. 8	
WL700101	3/16"	AJD7721
GHF331	1/4"	AJD7722
GHF332	5/16"	AJD7731
GHF333	3/8"	AJD7742
GHF334	7/16"	
GHF335	1/2"	
GHF336	5/8"	

Plain Washers

Standard Type	Hole Size	Repair Type
	No. 6	WP3
	No. 8	WP4
GHF306	3/16"	WP5
GHF300	1/4"	WP120
GHF301	5/16"	WP105
GHF302	3/8"	WP130
GHF303	7/16"	WM69
GHF304	1/2"	
	9/16"	WP12
	5/8"	PWZ110

Sealing Washers

Fibre Washer	Hole Size	Copper Washer
WF505	3/16"	
GHF342	1/4"	GHF361
GHF343	5/16"	GHF362
GHF344	3/8"	GHF363
GHF345	7/16"	GHF364
GHF346	1/2"	GHF365
GHF347	9/16"	
GHF348	5/8"	

Studs

Studs- UNF

A stud is a length of round bar threaded at both ends. The length of thread at each end of the stud may vary for specific applications. The following list is of studs have fine (UNF) threads at both ends.

Part Number	Diameter	Overall length
TE604081	1/4"	1"
TE604091	1/4"	1 1/8"
TE604101	1/4"	1 1/4"
TE605101	5/16"	1 1/4"
TE605111	5/16"	1 3/8"
TE605121	5/16"	1 1/2"
TE605131	5/16"	1 5/8"
TE605141	5/16"	1 3/4"
TE605151	5/16"	1 7/8"
TE605181	5/16"	2 1/4"
TE605201	5/16"	2 1/2"
TE605221	5/16"	2 3/4"
TE605251	5/16"	3 1/8"
TE605291	5/16"	3 5/8"
TE606101	3/8"	1 1/4"
TE606111	3/8"	1 3/8"
TE606121	3/8"	1 1/2"
TE606141	3/8"	1 3/4"
TE606151	3/8"	1 7/8"

Studs- UNF/UNC

Fine (UNF) threads at one end and course (UNC) at the other.

Part Number	Diameter	Overall length
TE504081	1/4"	1"
TE504131	1/4"	1 5/8"
TE505091	5/16"	1 1/8"
TE505111	5/16"	1 3/8"
TE505121	5/16"	1 1/2"
TE505131	5/16"	1 5/8"
TE505141	5/16"	1 3/4"
TE505151	5/16"	1 7/8"
TE505161	5/16"	2"
TE505181	5/16"	2 1/4"
TE505201	5/16"	2 1/2"
TE505221	5/16"	2 3/4"
TE505241	5/16"	3"
TE505261	5/16"	3 1/4"
TE505271	5/16"	3 3/8"
TE505281	5/16"	3 1/2"
TE505341	5/16"	4 1/4"

Part Number	Diameter	Overall length
TE506101	3/8"	1 5/16"
TE506131	3/8"	1 5/8"
TE506141	3/8"	1 3/4"
TE506161	3/8"	2"
TE506201	3/8"	2 1/2"
TE506361	3/8"	3 1/2"

The following studs have course (UNC) threads at both ends.

Part Number	Diameter	Overall length
101442	3/8"	1 5/8"
058688	3/8"	1 11/16"
115696	3/8"	1 13/16"
058917	3/8"	1 15/16"
102474	3/8"	2 1/16"
107055	3/8"	2 3/8"

Dowels

Part Number	Dia.	Overall	Part Number	Dia.	Overall
DP204	1/8"	1/4"	DP414	1/4"	7/8"
DP205	1/8"	1/4"	DP508	5/16"	1/2"

DP306	3/16"	3/8"	DP514	5/16"	7/8"
DP407	1/4"	7/16"	DP608	3/8"	1/2"
DP408	1/4"	7/16"	DP610	3/8"	5/8"
DP410	1/4"	7/16"	DP610	3/8"	1 3/16"
DP411	1/4"	11/16"			

Clevis Pins

(Measured from under head to end)

Part Number	Length	Dia.	Part Number	Length	Dia.
108326	1/2"	1/8"	CLZ412	3/4"	1/4"
PJ8504	3/8"	3/16"	CLZ413	13/16"	1/4"
CLZ307	7/16"	3/16"	CLZ414	7/8"	1/4"
CLZ308	1/2"	1/8"	CLZ415	15/16"	1/4"
CLZ309	9/16"	3/16"	CLZ416	1"	1/4"
CLZ310	5/8"	3/16"	CLZ417	1 1/16"	1/4"
CLZ311	11/16"	3/16"	CLZ427	1 1/16"	1/4"
CLZ312	3/4"	3/16"		1/2"	5/16"
CLZ313	13/16"	3/16"		9/16"	5/16"
CLZ314	7/8"	3/16"	CLZ510	5/8"	5/16"
CLZ315	15/16"	3/16"	CLZ511	11/16"	5/16"
CLZ316	1"	3/16"	CLZ512	3/4"	5/16"
CLZ317	1 1/16"	3/16"	CLZ513	13/16"	5/16"
	3/8"	3/16"	CLZ514	7/8"	5/16"
	7/16"	3/16"	CLZ515	15/16"	5/16"
CLZ408	1/2"	1/8"	CLZ516	1"	5/16"
CLZ409	9/16"	3/16"	CLZ517	1 1/16"	5/16"
CLZ410	5/8"	3/16"	CLZ518	1 1/8"	5/16"
CLZ411	11/16"	1/4"			

Split Pins

Part No.	Length	Dia.	Part No.	Length	Dia.
GHF500	1 1/2"	1/16"	GHF504	2 1/4"	1/8"
GHF501	1 1/2"	1/16"	GHF505	2 1/4"	9/64"
GHF502	1 1/2"	1/16"	GHF506	2 1/4"	5/32"
GHF503	2 1/4"	7/64"	GHF513	3"	5/16"

Pipes, Hardware and Fittings

Brake & Fuel Pipe

Supplied in 25 foot rolls.

Part No.	Material	Diameter
MPKF125	Cupro-nickel	3/16"
MPKF225	Cupro-nickel	1/4"
MPKF325	Cupro-nickel	5/16"
EF125	Steel	3/16"
EF225	Steel	1/4"
EF325	Steel	5/16"

Male Pipe Nuts

Brass Part No.	Steel Part No.	Thread Size	Pipe Bore
AEHU1	TM606031		3/16"
AEHU2	TM110051		3/16"
AEHU3	LK21994		3/16"
AEHU14	BCA4370		1/4"
AEHU7	BHA4706		3/16"
GRP12	AUSU40A		5/16"

Female Pipe Nuts

Brass Part No.	Steel Part No.	Thread Size	Pipe Bore
AEHU1A	TN606031		3/16"
AEHU2A	SU2A		3/16"
AEHU4A	GRP5		1/4"
GRP6	HU41A		5/16"

Bleed Screws

Part No.	Thread Size
3H2428	3/8" UNF
608400A	10mm metric
27H7166	3/8" BSF

Pipe Clips

Part No.	Capacity
GHF1191	SINGLE, 3/16"

GHF1192	SINGLE, 1/4"
624155	DOUBLE, 3/16"

Grease Nipples

Part No.	Thread Size	Angle
UHN400	1/8" BSP	straight, short
UHN445	1/8" BSP	450 angle
LN30041	1/8" BSP	900 angle
7H3858	1/8" BSP	straight, long
056935	1/4" BSP	straight
125361	1/4" BSP	450 angle
056934	1/4" BSP	900 angle

Hoses

Fuel Hose

Reinforced rubber fuel hose. sold by the metre.

Part No.	Internal Diameter
GFH1025X	1/4"
GFH1031X	5/16"

Water Hose

Reinforced rubber water hose. sold by the metre.

Part No.	Internal Diameter
GRH1001M	1/4"
GRH1005M	5/16"
GRH1006M	1/2"

Hose Clamps

Petrol Pipe Clips (Metric)

(‘Enots’ type)

Part No.	to suit diameter	Part No.	to suit diameter
GGT1108X	8mm	GGT1113X	13mm
GGT1109X	9mm	GGT1114X	14mm
GGT1110X	10mm	GGT1115X	15mm
GGT1111X	11mm	GGT1116X	16mm
GGT1112X	12mm	GGT1117X	17mm

Hose Clips (‘Jubilee’ type)

Mild Steel (Imperial)

Part No.	to suit diameter	Part No.	to suit diameter
GHC304	3/8" - 1/2"	GHC1015	1 3/8" - 2"
GHC405	7/16" - 5/8"	GHC1217	1 1/2" - 2 1/4"
GHC406	1/2" - 3/4"	GHC1622	2" - 2 3/4"
GHC507	5/8" - 7/8"	GHC2228	2 3/4" - 3 1/2"
GHC608	3/4" - 1"	GHC2632	3 1/4" - 4"
GHC709	5/8" - 1 1/8"	GHC3036	3 3/4" - 4 1/2"
GHC811	1" - 1 3/8"	GHC3340	4 1/8" - 5"
GHC913	1 1/8" - 1 5/8"		

Stainless Steel (Metric)

Part No.	to suit diameter	Part No.	to suit diameter
GHC10408	8 - 12 mm	GHC10416	32 - 50 mm
GHC10410	12 - 18 mm	GHC10417	46 - 60 mm
GHC10411	8 - 16 mm	GHC10418	50 - 70 mm
GHC10412	12 - 20 mm	GHC10419	60 - 80 mm
GHC10413	16 - 25 mm	GHC10420	70 - 90 mm
GHC10414	20 - 32 mm	GHC10421	80 - 100 mm
GHC10415	25 - 40 mm		

Hose Clips (‘Supergrip’ type)

(With single slotted hexagon head)

Part No.	to suit diameter	Part No.	to suit diameter
CS4009	7/16" - 9/16"	CS4023	1 1/4" - 1 7/16"
CS4011	1/2" - 11/16"	CS4024	1 5/16" - 1 1/2"
CS4012	9/16" - 3/4"	CS4025	1 3/8" - 1 9/16"
CS4013	5/8" - 13/16"	CS4026	1 7/16" - 1 5/8"
CS4014	11/16" - 7/8"	CS4028	1 9/16" - 1 3/4"
CS4016	3/4" - 1"	GHC2632	1 5/8" - 1 13/16"
CS4017	13/16" - 1 1/16"	CS4030	1 11/16" - 1 7/8"
CS4018	7/8" - 1 1/8"	CS4032	1 7/8" - 2"
CS4020	1" - 1 1/4"	CS4034	1 15/16" - 2 1/8"
CS4022	1 1/8" - 1 3/8"	CS4036	2 1/16" - 2 1/4"
CS4037	2 1/8" - 2 5/16"	CS4041	2 3/8" - 2 9/16"

CS4038	2 3⁄16" - 2 7⁄16"	CS4042	2 7⁄16" - 2 5⁄8"
CS4039	2 1⁄4" - 2 7⁄16"	CS4048	2 13⁄16" - 3"
CS4040	2 5⁄16" - 2 1⁄2"	CS4052	3 1⁄16" - 3 1⁄4"

Original “Supergrip” clips were supplied with a single slotted round-head screw. The modern replacement comes with a hexagon headed screw. For the authentic look we have resourced the original type screw, (sold separately).

CS4099 (round-head screw)

‘P’ Clips

Imperial

Part No.	Cable Dia.	Hole Overall	Part No.	Cable Dia.	Hole size
PCR207	1⁄8"	1⁄4"	PCR807	1⁄2"	7⁄32"
PCR307	3⁄16"	3⁄8"	PCR809	1⁄2"	9⁄32"
PCR309	3⁄16"	3⁄8"	PCR811	1⁄2"	11⁄32"
PCR311	3⁄16"	3⁄8"	PCR813	1⁄2"	13⁄32"
PCR407	1⁄4"	7⁄16"	PCR1007	5⁄8"	7⁄32"
PCR409	1⁄4"	7⁄16"	PCR1009	5⁄8"	9⁄32"
PCR411	1⁄4"	7⁄16"	PCR1011	5⁄8"	11⁄32"
PCR507	5⁄16"	7⁄32"	PCR1207	3⁄4"	7⁄32"
PCR509	5⁄16"	7⁄32"	PCR1209	3⁄4"	9⁄32"
PCR511	5⁄16"	7⁄32"	PCR1211	3⁄4"	11⁄32"
PCR607	3⁄8"	3⁄16"	PCR1407	7⁄8"	7⁄32"
PCR609	3⁄8"	3⁄16"	PCR1409	7⁄8"	9⁄32"
PCR611	3⁄8"	3⁄16"	PCR1411	7⁄8"	11⁄32"
PCR707	7⁄16"	3⁄16"	PCR1607	1"	7⁄32"
PCR709	7⁄16"	9⁄32"			
PCR711	7⁄16"	11⁄32"			

Metric

Part No.	Cable Diameter	Hole size
CP10508	18mm	5mm
PCR611	10mm	8mm
CP108121	12mm	8mm
CP106161	16mm	6mm
CP108165	16mm	8mm

Steel Balls

Part No.	Diameter
BLS106	3⁄16"
BLS108	1⁄4"
BLS110	5⁄16"
BLS112	3⁄8"
BLS28	7⁄16"

Pop Rivets

Open End Type		Closed End Type	
Part No.	Diameter	Part No.	Diameter
RA607096	2.9 x 5mm	RU608123	1⁄8"x3⁄8"
RA608126	1⁄8" x 3⁄16"	RU608313	1⁄8"x1⁄2"
RA608176	1⁄8" x 1⁄4"	RU612123	3⁄16"x5⁄16"
RA608236	1⁄8" x 5⁄16"		
RA608253	1⁄8" x 3⁄8"		

Cable Ties

Part No.	Length
GHF1265	3 1⁄2"
GHF1266	5 1⁄4"
RTC222A	6"
GHF1267	8 3⁄4"
GHF1268	11"

For your notes...

PAINT AND COLOUR CODES

Here is a list of the colours used on the Spitfire MkIV & 1500. The colours are carefully blended to be an exact match to the original paint as used by the factory, but it is worth observing that your car may well have faded from its original colour over the years. For this reason before you start, we recommend that you do a test spray of any aerosol on a piece of old metal or a carefully selected area of the car where a mismatch will not be noticed. The boot or spare wheel area is often a convenient place to do your testing. We can supply paint in either aerosol or brush-on format. The aerosols come in 400ml cans and the brush-on paints are available in 125ml cans with a brush in the cap (*except for engine and chassis paints, which are supplied in 500ml tins).

COLOUR CODES TO 1976

The Triumph paint code will be found stamped on the commission number plate of your car and the last digit indicates the base reference colour. (See illustration below).

For example:

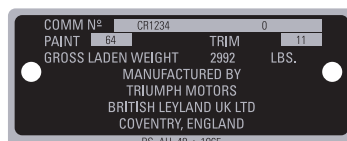
1 = Black, 2 = Red, 3 = Brown, 4 = Yellow, 5 = Green, 6 = Blue, 7 = Purple, 8 = Grey, 9 = White.

COLOUR CODES FROM 1976

A three letter coding system was introduced in 1976, and can be found on the commission number plate (to 1979) or the Vehicle Identification Number (from 1979). In this system, the first letter denotes the base reference colour.

For example:

A = Brown, C = Red, F = Yellow, H = Green, J = Blue, N = White, P = Black.



KEY TO PAINT CODES

To right hand edge of this page are the paint colours applied to Spitfire models during production (see left).

- Signal Red - Is the colour name.
- (32) - The figure in brackets is the original Triumph paint code.
- 1971-72 - The dates refer to model years during which the paint was used.
- CCRD32 - Is the Moss paint code.
- TU - Means that a touch up option is available.

Thus Signal Red (paint code 32) was available for the 1971 to 1972 model year cars. It is available from Moss as an aerosol (part no. CCRD32) or as a touch up can (part no. CCRD32TU).





KEY TO TRIM CODES

The correct original trim colour is defined with a 2 digit coding system for vehicles to 1976, and vehicles from 1976 used a 3 'letter' code. The commission Number or VIN Plate will supply the trim code.

TRIM COLOUR CODES TO 1976

	11 = Black
	12 = Matador Red
	27 = Shadow Blue
	33 = New Tan
	63 = Chestnut
	74 = Beige
	78 = Grey

TRIM COLOUR CODES FROM 1976

	PAA = Black
	AAA = Beige
	RAC = Black & White
	C74 = Beige & White

Signal Red (32) 1971-72	CCRD32	•	CCRD32TU
Pimento (72) 1971-75	CCRD72	•	CCRD72TU
Magenta (92) 1973-74	CCRD292	•	CCRD92TU
Carmine (82/CAA) 1973-On	CCRD209	•	CCRD209TU
Flamenco (CAD) 1976-78	CCRD133	•	CCRD133TU
Vermillion (CAE) 1978-On	CCRD118	•	CCRD118TU
Sienna (23) 1971-74	CCBG23	•	CCBG23TU
Maple (83) 1975	CCBG73	•	CCBG73TU
Russet (93/AAE) 1976-On	CCBG205	•	CCBG205TU
Saffron (54) 1971-74	CCYL54	•	CCYL54TU
Mimosa (64) 1973-75	CCYL64	•	CCYL64TU
Topaz (84) 1975-76	CCYL84	•	CCYL84TU
Inca (94/FAB) 1976-On	CCYL207	•	CCYL207TU
Laurel (55) 1971-72	CCGN55	•	CCGN55TU
Emerald (65) 1971-74	CCGN65	•	CCGN65TU
British Racing Green (75) 1975-76	CCGN75	•	CCGN75TU
Java (85/HAB) 1976-On	CCBG205	•	CCBG205TU
Brooklands (HAE) 1976-On	CCGN169	•	CCGN169TU
Wedgewood (26) 1971-72	CCBU26	•	CCBU26TU
Valencia (66) 1971-72	CCBU66	•	CCBU66TU
Ice (116) 1971-72	CCBU116	•	CCBU116TU
Mallard (106) 1971-74	CCBU106	•	CCBU106TU
Sapphire (96) 1971-74	CCBU96	•	CCBU96TU
French (126) 1973-76	CCBU126	•	CCBU126TU
Delft (136) 1975-76	CCBU136	•	CCBU136TU
Tahiti (146/JAE) 1975-78	CCBU65	•	CCBU65TU
Pageant (JAG/JNA) 1978-On	CCBU224	•	CCBU224TU
Damson (17) 1971-74	CCRD17	•	CCRD17TU
Slate (68) 1971-72	CCGR68	•	CCGR68TU
White (19/NAB) 1971-78	CCWT19	•	CCWT19TU
Leyland White (NAF) 1978-On	CCWT243	•	CCWT243TU
Black Gloss (11/PAA)	CCSB1	•	CCSB1TU
Black Satin 1971-On	CCSB2	•	CCSB2TU
Primer (High Build)	CCP1	•	CCP1TU
Wheel Silver 1971-On	CCWP1	•	CCWP1TU
Engine Paint (Black) 1971-On	CCEP4	•	CCEP4BR
*Chassis Paint (Black)		•	CCCB1BR

DYNOLITE

EUROPE'S CLASSIC MOTOR OIL



CUSTOM BLENDED FOR CLASSICS

High performance lubricants and additives specifically created for classic, vintage and veteran vehicles.

Blended using high quality base oils combined with additives specially selected for their compatibility with metals and components used in the past, providing increased protection combined with a lower degree of acid and corrosion attack, less gumming and mud formation.



The Dynolite range is available in Moss stores and online at moss-europe.co.uk