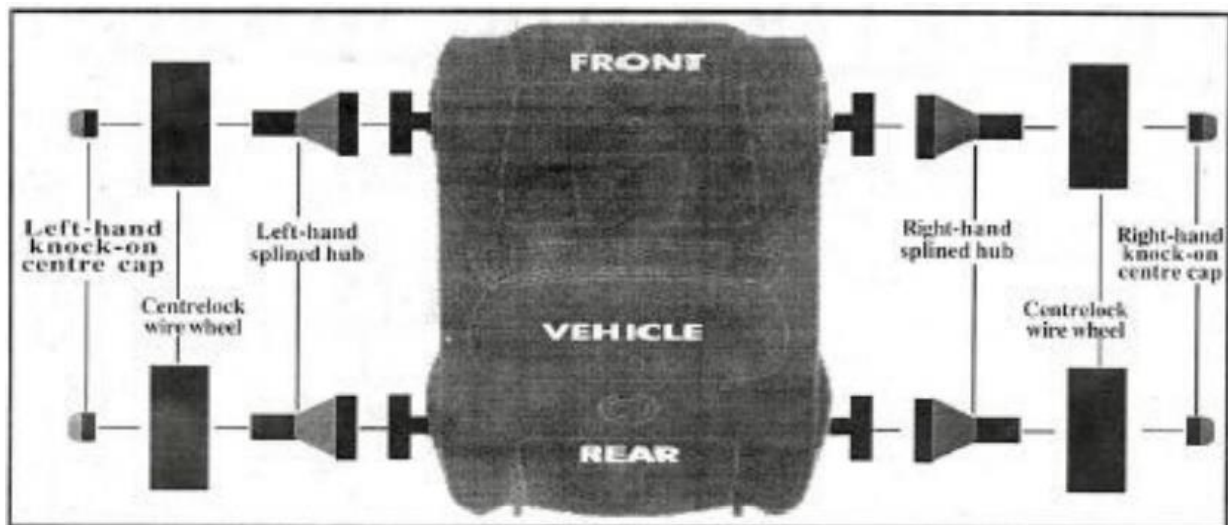


## MWS Centre Lock Wire Wheels

### Triumph

**Part Number:** RB7005, RB7383, RF4093C, RF4093CEC, RF4093P, RF4093PEC, RL1201, RR1004C, RR1004CEC, RR1004P, RR1004PEC, RR1383C, RR1383CEC, RR1383P, RR1383PEC, RS1087C, RS1087P, RL122145J, RL122155J, RS1087CEC, RS1087PEC, RL122145JEC, RL1201EC & RL122155JEC

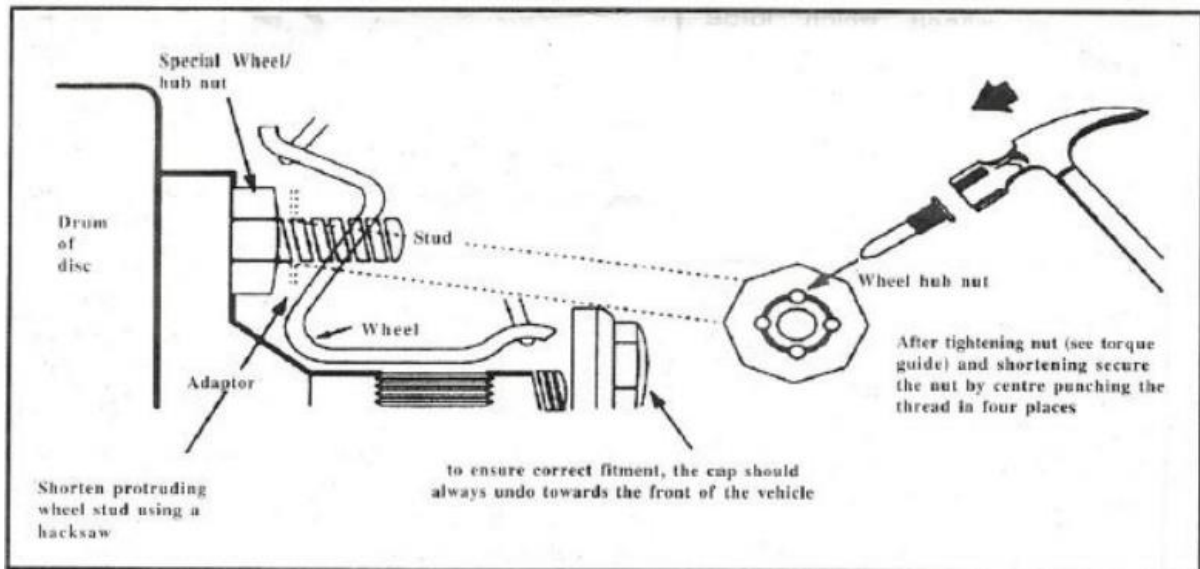


A centre-lock wire wheel is fitted onto a car axle using a splined hub: the splines (or serrations) of the hub lock with the splines on the inside of the wheel centre to produce drive. Splined hubs may be integral fitting or bolt-on. Please refer to the vehicle's service manual for instructions on fitting integral splines. The diagram below illustrates fitting bolts on hubs.



When putting a centre-lock onto a splined hub, the splined area inside of the wheel centre must be greased to ease the wheel on and prevent the two surfaces corroding together. All new MWS centre-lock wheels are provided pre-greased; ready to go on the car.

The wheel is secured onto the hub with a spinner (knock-on centre cap) the spinner should always tighten towards the rear of the vehicle: this ensures that as the wheel turns whilst driving, the spinner tightens and locks into place.



## HOW TO BALANCE CENTRE LOCK WIRE WHEELS

These instructions are intended as a guide in helping solve problems that are commonly encountered when balancing centre-lock wire wheels on an electric balancer.



The diagrams show the centre spline of a wire wheel attached to a balancer.

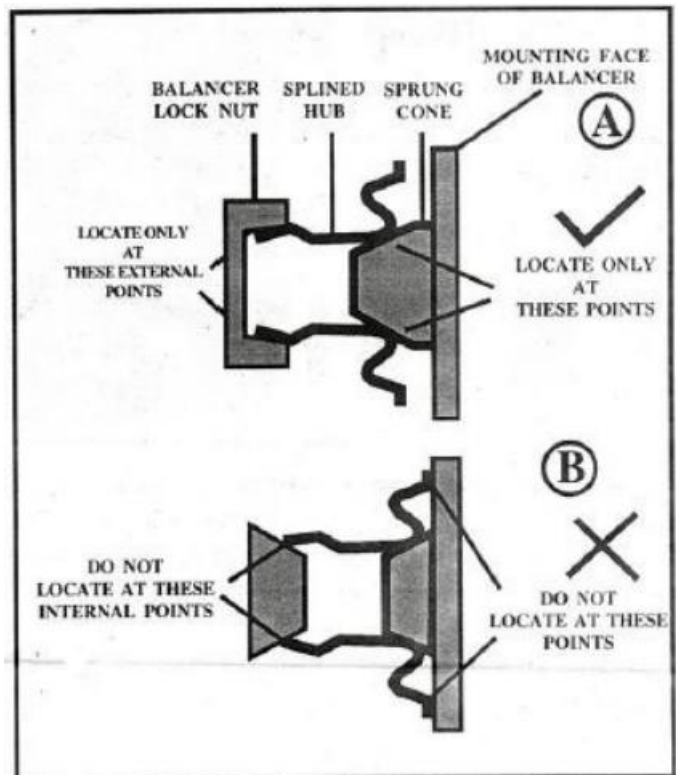
Diagram A is the correct method of a locating wheel.

Diagram B shows the wrong method and one which gives false readings giving the appearance of untrue, or wheels which large amounts of weights would be required to balance.

## POINTS TO CHECK

The original high degree of balance may be affected by wheel damage as well as by factors related to the tyres uneven tread wear, cover or tube repairs etc. If roughness or high speed steeling trouble develop, and this cause is not disclosed by mechanical investigation, then the complete tyre and wheel assembly should be checked for balance.

It is IMPERITIVE that the hubs are located on the balance machine in exactly the same manner as located on the car and the factory truing jigs. Alternatively, balance on the vehicles, this operation can only be done on the front wheels of your car.



MX-5

