

# WEBER CARBURETTORS

LANDROVER 2286cc

Series IIA & III

Kit No. 15290627

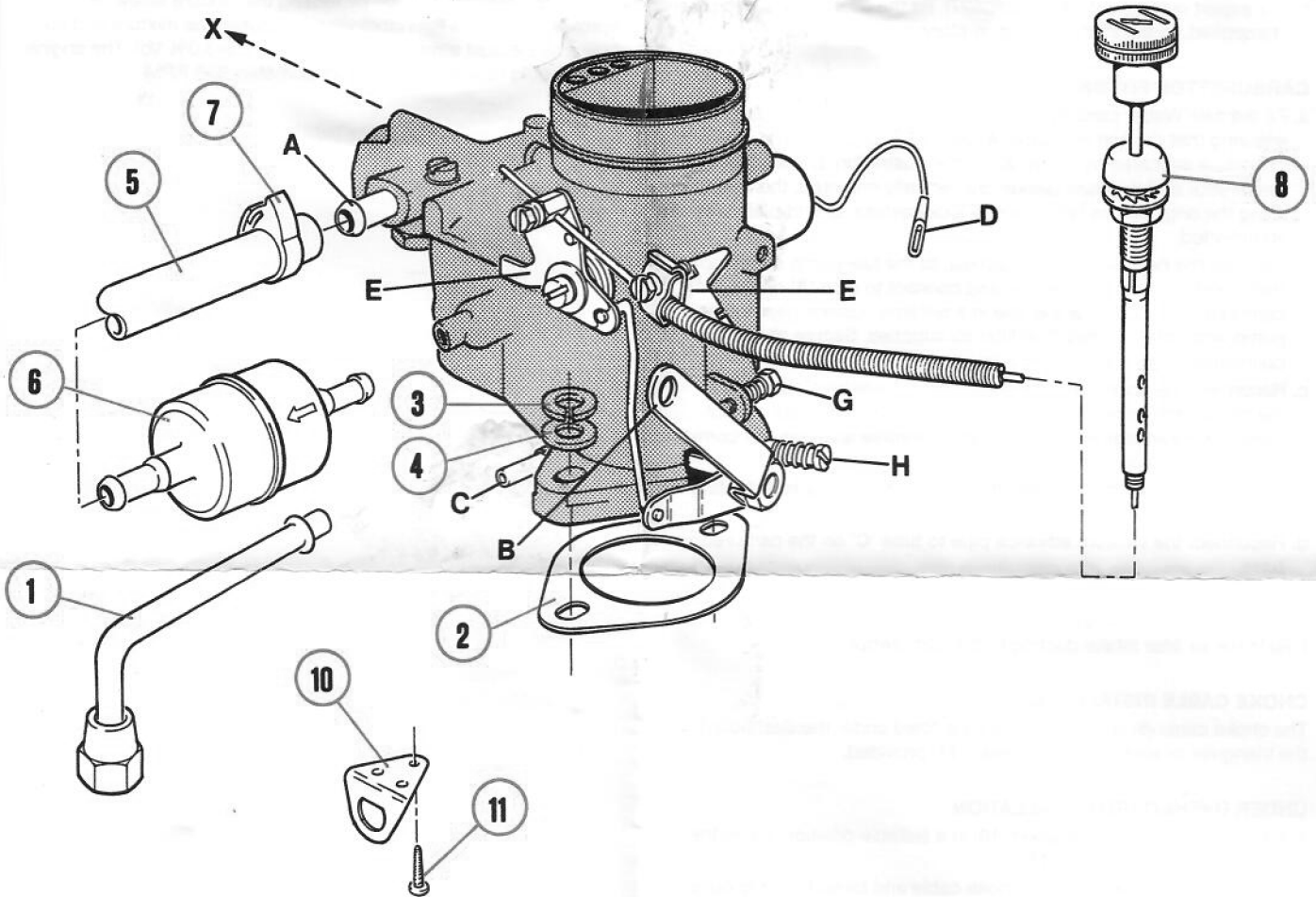
(without idle solenoid)

Kit No. 15290727

(with idle solenoid)

Kit No. 15290827

Series II & III (LHD)



## FITTING INSTRUCTIONS

### CARBURETTOR REMOVAL

- a. Disconnect the battery earth terminal.
- b. Remove the air filter intake ducting from the carburettor.
- c. Disconnect the accelerator linkage from the carburettor.
- d. Disconnect the choke cable from the carburettor.
- e. Disconnect the vacuum advance pipe and the electrical connection where fitted.
- f. Remove the fuel line clips and disconnect the fuel line from the carburettor and fuel pump.
- g. Remove the carburettor by undoing the two fixing nuts. Remove the original base gasket and clean any remaining gasket from the inlet manifold face.
- h. For export models only (Kit 15290827). Fit the new brake servo pipe (1) supplied, to the inlet manifold, in place of the original.

### CARBURETTOR FITTING

- a. Fit the new Weber carburettor using the new base gasket (2) provided, ensuring that the fuel inlet pipe 'A' points towards the front of the vehicle as indicated by arrow 'X' on the illustration. Ensure that the carburettor and the base gasket are centrally mounted, then secure using the original nuts with the new lockwashers (3) and plain washers (4) provided.
- b. Connect the new fuel line (5) supplied, to the fuel pump outlet pipe, then carefully route the fuel line and connect to pipe 'A' on the carburettor. Cut the new fuel line in a suitable position near the fuel pump and install the new fuel filter (6) supplied. Secure all fuel line connections using the four new hose clips (7) supplied.
- c. Reconnect the accelerator linkage to the throttle lever 'B'. Adjust the accelerator cable so that full throttle can be achieved without stressing the linkage and check that the throttle lever returns correctly to the idle position without obstruction.

**IMPORTANT:** Check throttle operation before starting or road testing the vehicle.

- d. Reconnect the vacuum advance pipe to tube 'C' on the carburettor base.
- e. Reconnect the electrical supply to idle solenoid 'D' on the carburettor (Kit No. 15290727 only).
- f. Refit the air filter intake ducting to the carburettor.

### CHOKE CABLE INSTALLATION

The choke cable (8) supplied in this kit is fitted under the dashboard with the triangular bracket (10) and screws (11) provided.

### UNDER DASHBOARD INSTALLATION

- a. Fit the cable mounting bracket (10) in a suitable position, using the three self tapping screws (11).
- b. Completely remove the inner choke cable and bezel from the outer cable.
- c. Insert the choke cable into the bracket (10) from the rear and adjust the rear fixing nut so that approximately 6mm of thread protrudes through the bracket.

### CHOKE CABLE CONNECTION

- a. Route the choke cable carefully behind the facia and through the bulkhead, utilising existing grommets where possible and avoiding tight bends.
- b. Align the choke cable to the anchor bracket 'E' on the carburettor avoiding tight bends where possible, then cut the outer cable to the correct length allowing for engine movement.
- c. Refit the inner choke cable.
- d. Secure the outer choke cable to the anchor point 'E' and the inner cable to the actuating lever 'F' on the carburettor, then cut any excess inner cable.
- e. Check the choke for smooth operation and complete return.

### STARTING PROCEDURE AND IDLE MIXTURE ADJUSTMENTS

- a. Reconnect the battery earth terminal.
- b. Pull the choke knob fully out, turn the key to crank and start the engine, then push in the choke knob to maintain approximately 1200 RPM until normal operating temperature is attained, and the choke can be fully returned.
- c. Set the engine idle speed to approximately 850 RPM, by adjusting the throttle stop screw 'G'.
- d. Adjust the idle mixture screw 'H' to obtain the highest engine speed.
- e. Repeat the last two operations (c and d) as necessary so that the highest attainable engine speed by adjusting the mixture screw 'H' is 850 RPM.
- f. The final adjustment is made by turning the mixture screw 'H' approximately half a turn clockwise to weaken the mixture and so obtain the exhaust emissions value of CO 2.5-3.0% Vol. The engine speed should now stabilise at approximately 800 RPM.

**NOTE:** In order to achieve the maximum benefit from your new WEBER carburettor we recommend that the condition of the engine is checked. Also a routine engine tune is recommended, all settings to the manufacturer's specifications, and replace service items where necessary. Due to engine condition variations some individual calibration/adjustments may be necessary.

The fuel filter (6) supplied with this kit should be changed periodically (6000 mile intervals) to ensure efficient operation.

**Should you experience any difficulties regarding the application of this kit please contact your nearest Weber dealer who can be found in the yellow pages under 'Carburettors'.**

As our policy is for continual improvement we reserve the right to alter specifications without prior notice.