

## SECTION B

# THE FUEL SYSTEM

### To Remove the Fuel Tank.

Take off the spare wheel. Slacken off the tank retaining straps at their lower ends and undo the four chromium-plated dome nuts at the top of the spare wheel carrier. Remove the bolts from the inside of the car.

Drain the tank, detach the fuel line and remove the clamps at the lower ends of the spare wheel carrier. Remove the tank retaining straps and the rubber strips.

Allow the wheel carrier to fall away towards the rear of the car.

Disconnect the electric cable for the fuel gauge unit and lift out the tank.

### Construction of the Fuel Pump.

The 12-volt S.U. electric fuel pump, type L, consists of three main assemblies, the magnet assembly, the contact breaker and an alloy body, die-cast in two pieces, the joint between them being sealed by a gasket.

The body is composed of a hollow stamping or casting (8), into the bottom of which the filter (12) is screwed. The pump inlet union (29) is screwed in at an angle on one side. The outlet union (1) is screwed in to the top and tightens down on the delivery valve cage (5) which is clamped between the two fibre washers (2) and (6). In the top of the delivery cage is the delivery valve, a thin brass disc (4) held in position by a spring clip (3). Inserted in the bottom of the cage is the suction valve (7), being a

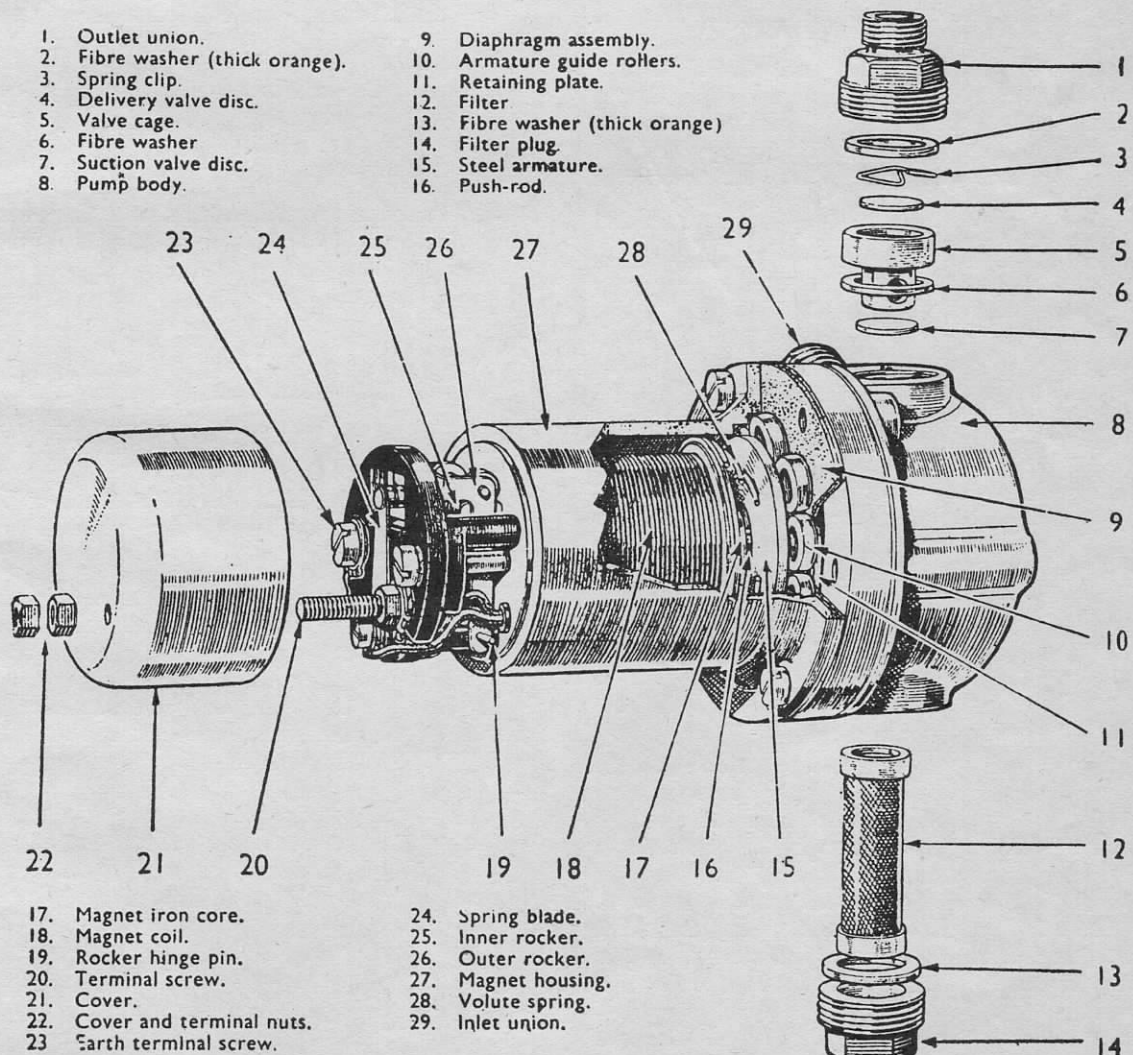


FIG. 12.—The S.U. petrol pump.

