

## PEDAL ASSEMBLY

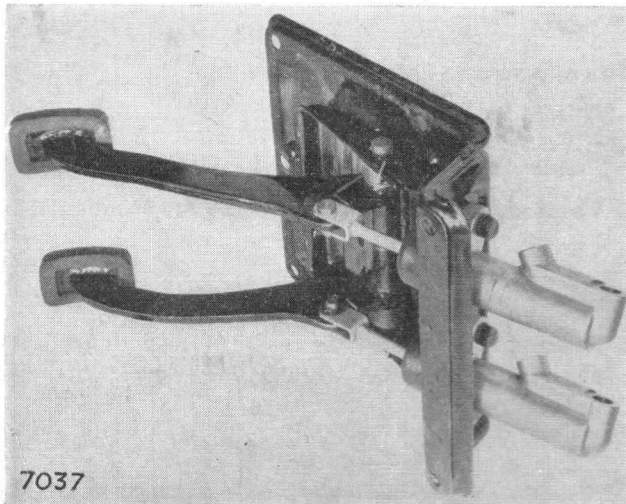


Fig. 14. The pedal assembly with master cylinders attached

### DESCRIPTION (See Fig. 14)

The pedal assembly is of the pendulum type being attached to a spindle mounted in a stepped bracket which in turn is fitted to the floor of the luggage compartment according to the drive of the car.

The brake and clutch master cylinders fitted to the vertical face of the step and the master cylinder push rods are attached to the levers of the pedal a short distance from the spindle. The pedal stops are incorporated inside the master cylinders.

### To remove and refit (See Figs. 10 and 14)

1. Remove the petrol tank from inside the luggage compartment, see under "Petrol Tank, To remove and refit, FUEL SYSTEM—SECTION C".
2. Disconnect the feed and pressure pipes from the brake and clutch master cylinders by releasing the four union nuts and trapping any escaping fluid in a drip tray.
3. Remove the pedal assembly complete with the two master cylinders from the floor of the luggage compartment by withdrawing seven bolts and washers.
4. Detach the two master cylinder push rods from the pedal lever by discarding the split pin and withdrawing the clevis pin and washer; remove the two master cylinders from the pedal bracket by withdrawing two bolts each.

5. Refitting is the reverse of the removal sequence, but particular attention must be given to the following:—
  - i. The master cylinder having the two raised lines cast in the body will identify the brake master cylinder.
  - ii. New split pins are used to secure the master cylinder push rod clevis pins.
  - iii. The brake system is bled of air, see under "BLEEDING THE HYDRAULIC SYSTEM".
  - iv. The clutch system is bled of air, see under "BLEEDING THE CLUTCH SYSTEM in CLUTCH—SECTION D".

### To dismantle and reassemble (See Fig. 14)

1. Detach the inner leg of each tension spring from the pedal levers by easing the hooked end from each lever with a pair of pliers.
2. Remove the two pedals and tension springs from the bracket by detaching the circlip from the left-hand end of the spindle and withdrawing the spindle from the right-hand side of the bracket.
3. Reassembling is the reverse of the dismantling sequence, but particular attention must be given to the following:—
  - i. The right-hand tension spring is fitted to the fulcrum of the brake pedal so its outer end will hook round the right-hand flange of the bracket but the inner leg of the spring is left clear of the pedal lever.
  - ii. The spindle is fed through the bracket and brake pedal from the right-hand side, "D" shaped end first so the flat on the spindle aligns with the flat in the left-hand side of the bracket.
  - iii. The left-hand tension spring is fitted to the left-hand side of the clutch pedal in a similar manner and the circlip is fitted to the protruding left-hand end of the spindle.
  - iv. The inner ends of the tension springs are hooked round the pedal levers.