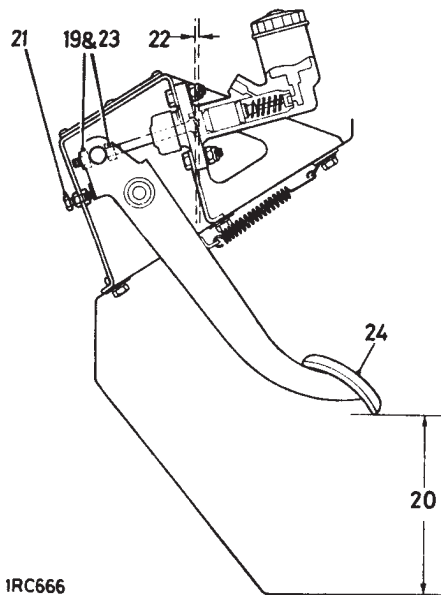
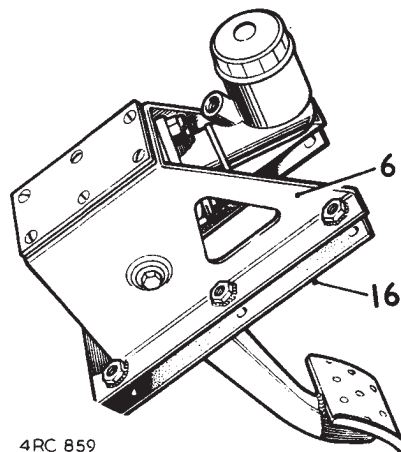


- 14 Remove the oil plug and washer from the pedal shaft. Fill the shaft bore with clean engine oil and refit the plug and washer.
- 15 Reverse 8 to 11.
- 16 Place the gasket in position on the securing flange of the brake pedal bracket. If necessary, use Bostik adhesive to retain the gasket.
- 17 Reverse 3 to 6.
- 18 Bleed the clutch hydraulic system. 33.15.01.

#### Clutch pedal and master cylinder setting

- 19 Remove the top cover and slacken both locknuts on the master cylinder push-rod.
- 20 Check the distance from the lower edge of the clutch pedal to the floor. The correct distance is 140 mm (5.5 in.).
- 21 Adjust the pedal stop, as required, to obtain the correct distance.
- 22 Adjust the master cylinder push rod until there is approximately 1,5 mm (0.062 in.) free play between the push rod and the master cylinder piston.
- 23 Tighten both locknuts.
- 24 Check the clutch pedal and ensure that there is a minimum of 6 mm (0.250 in.) free movement of the pedal before pressure is felt. If necessary, readjust the master cylinder push rod.
- 25 Fit the gasket and top cover to the clutch pedal bracket.
- 26 Reverse 1 and 2.



#### DATA

Clutch pedal pivot bushes, reamed diameter. ....

Clutch pedal height setting. ....

Master cylinder push rod free play. ....

Clutch pedal free play (minimum). ....

15,87 mm ± 0,02 mm (0.750 in. ± 0.001 in.)

140 mm (5.500 in.)

1,5 mm (0.062 in.)

6,0 mm (0.250 in.)

#### SLAVE CYLINDER

Remove and refit

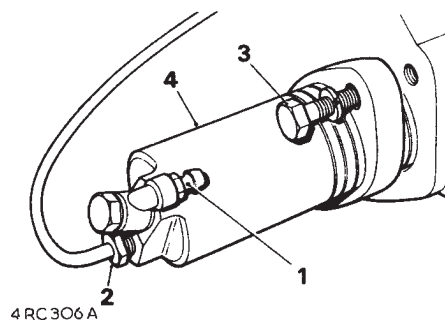
33.35.01

#### Removing

- 1 Unscrew the bleed valve to release the hydraulic fluid.
- 2 Disconnect the fluid supply pipe from the slave cylinder.
- 3 Remove the two bolts securing the slave cylinder.
- 4 Withdraw the slave cylinder.

#### Refitting

- 5 Enter the push-rod through the hole in the rubber boots so that it locates correctly inside the cylinder.
- 6 Fit the slave cylinder bleed valve uppermost, and secure with the two bolts.
- 7 Fit the fluid supply pipe.
- 8 Bleed the clutch hydraulic system as described in operation 33.15.01.
- 9 Check the system for leaks with the brake pedal depressed and with the system at rest.
- 10 Fit the fluid pipe.



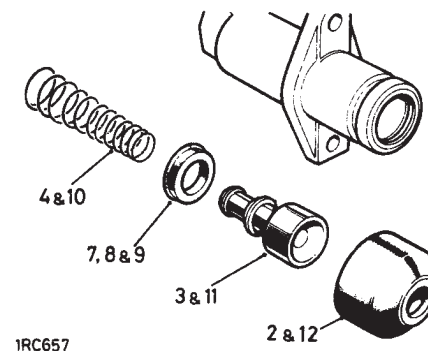
#### SLAVE CYLINDER

Overhaul

33.35.07

#### Dismantling

- 1 Remove the slave cylinder. 33.35.01.
- 2 Withdraw the dust cover.
- 3 Expel the piston assembly, applying low pressure air to the fluid inlet.
- 4 Withdraw the spring.



#### Inspecting

- 5 Clean all components with Girling cleaning fluid and allow to dry.
- 6 Examine the cylinder bore and piston, ensure that they are smooth to the touch with no corrosion, score marks or ridges. If there is any doubt, fit new replacement.
- 7 The seal should be replaced with a new component.

#### Assembling

- 8 Smear the seal with Castrol-Girling rubber grease and the remaining internal items with Castrol-Girling brake and clutch fluid.
- 9 Fit the seal, large diameter last, to the piston.
- 10 Locate the conical spring, small diameter first, over the front end of the piston.
- 11 Smear the piston with Castrol-Girling rubber grease and insert the assembly, spring end first, into the cylinder.
- 12 Fill the dust cover with Castrol-Girling rubber grease and fit the cover to the cylinder.
- 13 Refit the slave cylinder. 33.35.01.