

# Removal and Installation of Clutch Pedal

Job-No.

29 — 4

## Removal:

1. Unscrew the protective plate for the pedal system.
2. Unscrew the hexagon screw for the clutch pedal shank (15) and pull out the shank (see Fig. 29 — 3/1).
3. Unscrew the clamp screw (19) from the clutch pedal flange.  
Then remove the two hexagon nuts (14) and pull the flange from the clutch pedal shaft (see Fig. 29 — 1/1).
4. Remove the snap ring (18) from the mounting tube and remove the clutch pedal together with washer (15).

## Checking:

5. Check the bearing bushings (11) in the clutch pedal for wear. Worn bushings must be replaced. The bushings are pressed into the clutch pedal bore with an oversize of 0.02 to 0.06 mm.  
After new bushings have been pressed in, the bore must be reamed to the finished size.

Internal diameter of bearing bushings after reaming (finished size):

27.040—27.073 mm.

External diameter of mounting tube:

26.959 — 26.980 mm.

## Installation:

6. Slide the clutch pedal onto the mounting tube.
7. Make sure that there is no clutch pedal end play on the mounting tube; any end play must be removed by installing one or several lock washers (17) (see Fig. 29—1/1). The lock washers are available in thicknesses of 0.2 mm (Part No. 120 290 02 48) and 0.4 mm (Part No. 120 290 03 48).  
The pivot point should be well greased.
8. Install the snap ring (18). Then slide the flange (12) onto the pedal shaft and screw it to the clutch pedal (9) (see Fig. 29 — 1/1).
9. Clamp flange to the clutch pedal shaft by means of the clamp screw (19).
10. Install the clutch pedal shank and tighten the hexagon screw.
11. Adjust clutch pedal free play (see Job. No. 29 — 3).
12. Install protective plate for the pedal system.