

Removal and Installation of Idle Adjustment Knob and Cable

Job No.

30-10

I. Models 180 D and 180 Db

Removal:

Loosen the cheese-head screw in the adjusting ring and remove the adjusting ring from the control cable at the throttle valve lever. The other removal procedures are essentially the same as described for the removal of the ignition control knob and cable on Model 190.

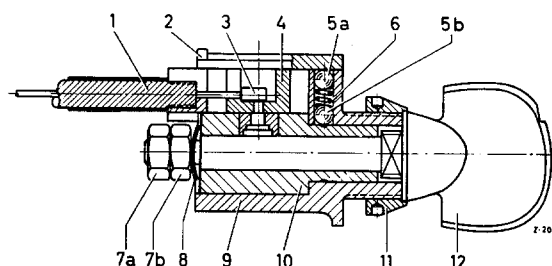


Fig. 30-10/1

Installation:

Before clamping the control cable to the throttle valve lever, turn the knob to the right against the stop and then fasten the adjusting ring to the control cable in such a way that there is a distance of approx. 0.5 mm between the throttle valve lever and the adjusting ring.

- 1 Coil spring
- 2 Closing slide
- 3 Nipple with soldered-on cable
- 4 Guide
- 5a Detent ball for closing slide
- 5b Detent ball for actuating sleeve
- 6 Pressure spring
- 7a Hexagon nut
- 7b Hexagon nut
- 8 Spring washer
- 9 Ignition control housing
- 10 Actuating sleeve
- 11 Escutcheon or fixing nut
- 12 Control knob

II. Models 190 D and 190 Db

The removal and installation procedures for the control knob and cable are essentially the same as for Model 180 D with the difference that the idle adjustment control cable (3) is attached to the angle lever (4) instead of to the throttle valve lever of the venturi control unit. An adjusting screw has been installed on the bearing bracket of the angle lever on the cylinder head cover to make it easier to adjust the control cable accurately (Fig. 30-10/2).

Note: After installing the control cable make sure that the cable can move freely in the slot of the stop lever on the angle lever when the accelerator pedal is depressed.

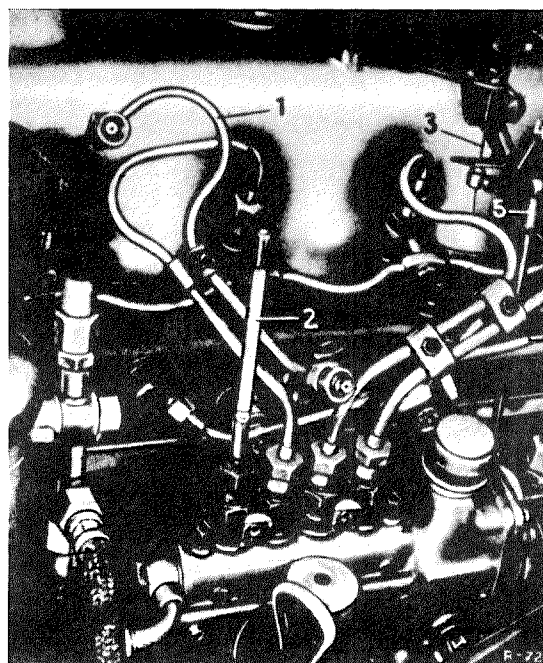


Fig. 30-10/2

- 1 Injection pipe
- 2 Glass capillary
- 3 Idle adjustment control cable
- 4 Angle lever
- 5 Connection rod to lever for additional mechanical adjustment