

GROUP 27 THROTTLE CONTROLS

Description

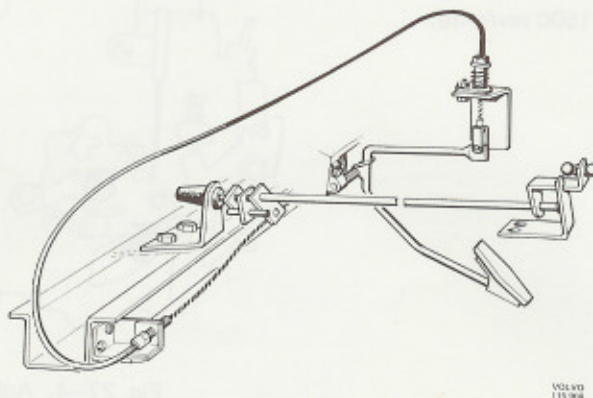


Fig. 27-1. Throttle controls

The accelerator pedal is of the suspended type. It operates the throttle shaft via a wire. Movement is subsequently transferred via link rods to the carburetors.

The choke wire is connected to the rear carburetor.

Service Procedures

Adjusting throttle controls

1. Adjust the link rods between the throttle control shaft and carburetors, with engine idling. There should be a clearance of approx. 0.1 mm (0.0039") between the lever and throttle shaft flange, see Fig. 27-2.
2. Depress the accelerator pedal fully and adjust the throttle wire so that there is a clearance of 1 mm (0.039") at full throttle travel, see Fig. 27-3.

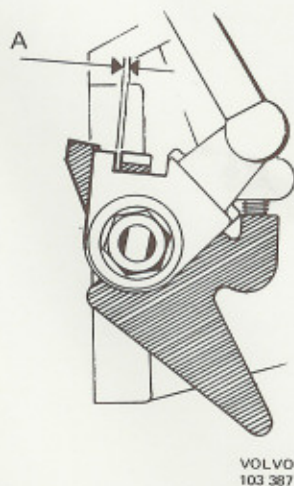


Fig. 27-2. Adjusting throttle control, idle position
A = 0.1 mm (0.0039")

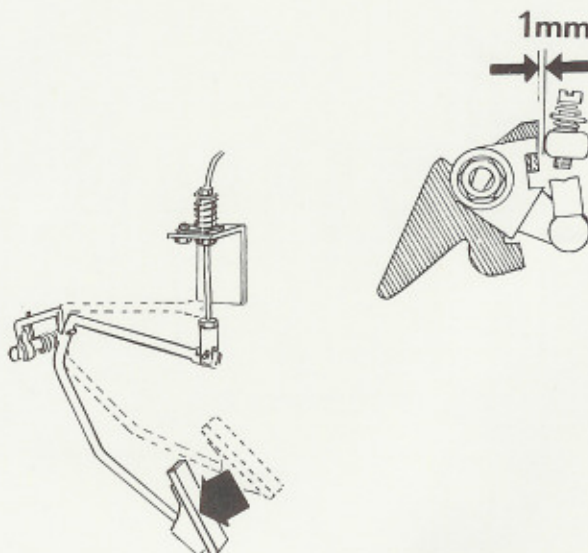


Fig. 27-3. Adjusting throttle wire

Replacing fan journalling (Removed from vehicle)

1. Bend up the lock washer and remove the fan's retaining screws. Remove the fan.
2. Pull off the rear flange (against the fan shaft) with a standard puller.
3. Pull the fan journalling out of the bearing bracket.
4. Press the fan hub off the fan journalling.
5. Press the fan hub onto the new fan journalling. There should be a gap of about 3 mm (1/8") between hub and bearing.
6. Install the fan journalling in the bearing bracket.
7. Press the flange onto the fan journalling. The flange should be flush with the end of the bearing shaft.
8. Install the fan, washer and lock washer. Fit and tighten up the screws and lock with the lock washer. Use a new lock washer.

Installing fan and bearing bracket

1. Place the bearing bracket and fan on the tubular member.
2. Fit the cap and tighten up the front screws. Adjust the bearing bracket according to the line-up marks and tighten up the rear screws.
3. Install the band clamps round the brake pipes.
4. Fit the air bellows and clamp round the fan shroud. Fit the screw and tighten up the clamp ring.
5. Install the fan shaft.
6. Tighten up the fan bearing clamping screw.

3. Pull out the choke approx. 20 mm (3/4"). The mark on the cam disc should now be opposite the fast idle trimming screw, see Fig. 27-4. Adjust engine speed with the fast idle trimming screw to 23.3–25.0 rev/sec (1400–1500 rev/min).
4. Lubricate all stud bolts.

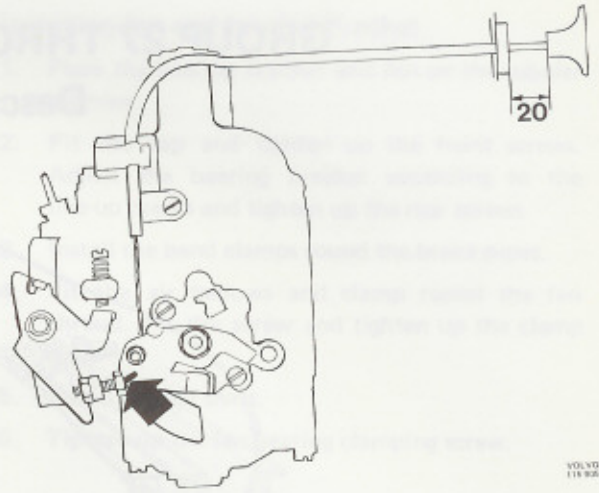
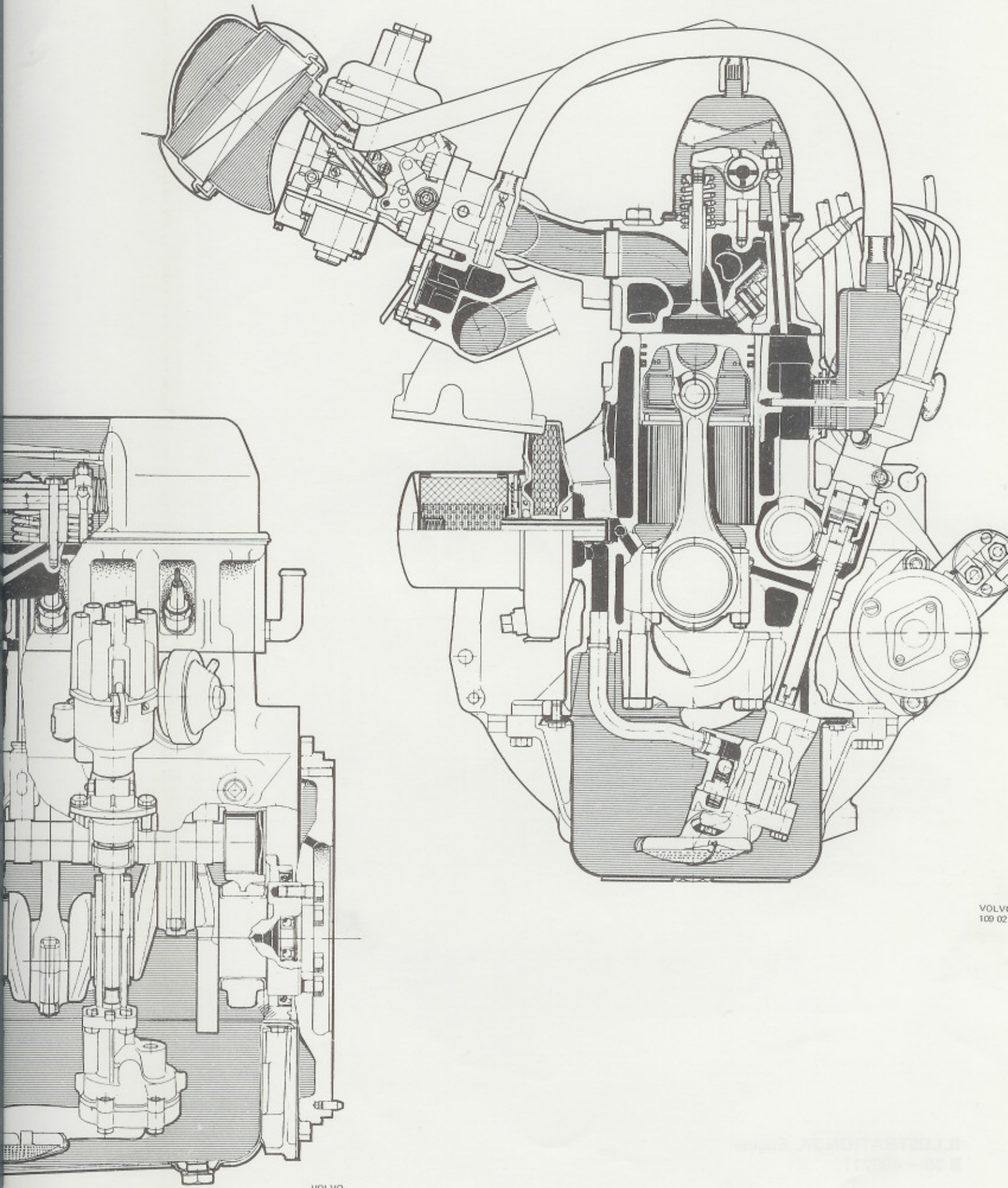


Fig. 27-4. Adjusting the choke



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