

A. Removal, Installation, and Adjustment of Carburetor

Repair procedure — see Job No. 07—0 and 07—4.

Removal:

1. Loosen the air vent line cap nuts at the cylinder head cover and the hose clamp for the connecting hose at the air intake silencer. Unscrew the fixing nuts for the air intake silencer brackets and remove the air intake silencer together with brackets.

2. Unscrew the fuel line and the vacuum line to the distributor, **holding steady the pipe unions** at the carburetor.

Disconnect the accelerator linkage and the return spring at the carburetor throttle valve lever.

If the engine is installed, disconnect the choke cable (see Job No. 30—6) (Fig. 01—4/1).

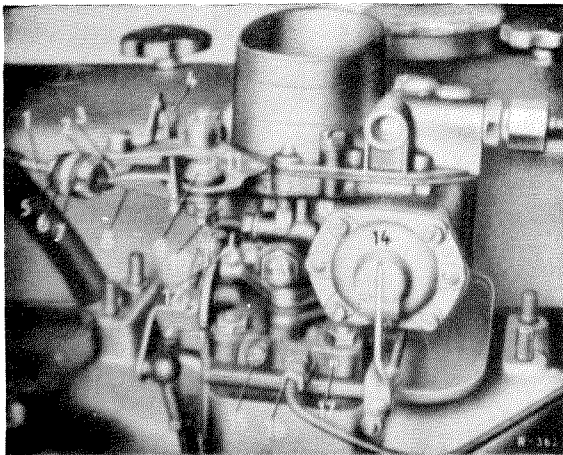


Fig. 01—4/1

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|------------------------------------|-----------------------------------------------|
| 1 Wire coil | 11 Relay lever |
| 2 Clamp | 12 Idle adjustment screw |
| 3 Hexagon screw | 13 Main jet plug with main jet of the Stage 1 |
| 4 Starter rotary slide valve lever | 14 Diaphragm pump |
| 5 Rubber grommet | 15 Idle mixture adjustment screw |
| 6 Adjusting nut | 16 Union for vacuum line to the distributor |
| 7 Rubber grommet | 17 Vacuum union for the tester |
| 8 Spring steel wire | |
| 9 Clamp screw | |
| 10 Hexagon nut | |

3. Unscrew the carburetor fixing nuts and remove the carburetor. Take care that the lock washers do not fall into the suction tube.

Installation:

4. Before the carburetor is installed, the insulating flanges and the protecting plate must be checked for planeness, and if necessary damaged parts must be replaced. Also check that the carburetor flange is perfectly plane.

Note: The two insulating flanges must be mounted without sealing compound.

5. Install the carburetor and tighten screws. **Tighten the screws evenly in order to prevent distortion of the carburetor flanges.**

6. Screw on the fuel line and the vacuum line to the distributor, **holding steady the pipe unions** at the carburetor.

Connect up the accelerator linkage and the return spring. Connect up the choke cable if engine is installed (see Job No. 30—6).

7. Fasten the brackets with the air intake silencer at the suction tube. Connect up the vent line from the cylinder head cover to the air intake silencer.

Adjustment:

8. If the engine is installed, turn the idle adjustment screw (12) until the throttle valve of Stage 1 is completely closed. Then bring the idle adjustment screw to rest against the idle stop and screw it in exactly one turn (Fig. 01—4/1).

Then check the accelerator pedal adjustment and if necessary correct (see Job No. 30—3).

Note: When adjusting the idle adjustment screw, the mechanical throttle valve of Stage 2 must be completely closed.

9. Adjust the idle (see Job No. 01—3, Section K).
10. After the initial engine warm-up, tighten up all unions, screws and nuts on the carburetor.