


07.2–147 Subsequent installation of choke cover-stepped heater

 1974 Federal


Testing and adjusting values

Voltage at pre-resistor output	above + 17 °C engine oil temperature	approx. 12 volts
	below + 17 °C engine oil temperature	approx. 5 volts

Conventional tool

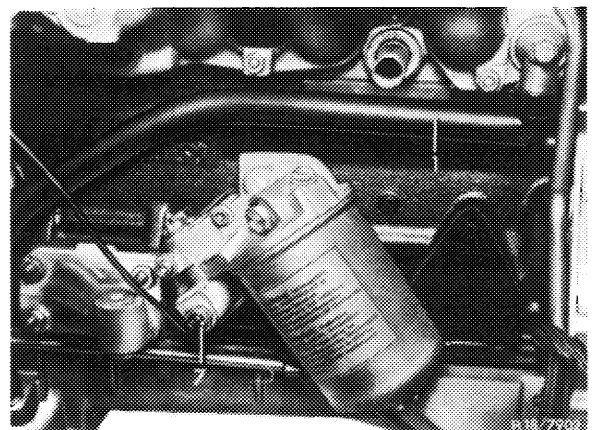
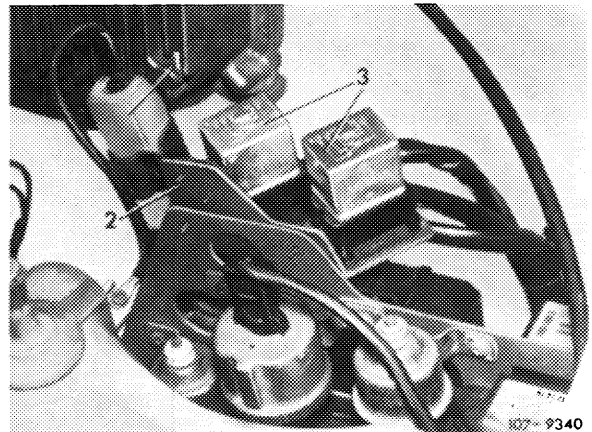
Voltmeter

Note

In the event of complaints about poor engine output a choke cover-stepped heater can be installed in warming-up stage between -5 °C to $+5\text{ °C}$ of  1974 Federal version as a remedy.

Installation

- 1 Attach pre-resistor (1) to auxiliary mounting bracket (2). Connect long cable of auxiliary cable harness at top to pre-resistor.
- 2 Attach auxiliary mounting bracket (2) to relay bracket.
- 3 Attach both relays (3) to auxiliary bracket (2). Attach plug of auxiliary harness to relay. Then install auxiliary harness in downward direction along main harness toward fuse box.
- 4 Attach grounding cable of auxiliary harness to ignition coil bracket. Disconnect connecting plug for engine oil temperature switch 17 °C laterally on front end carrier and connect to auxiliary harness. Engage connecting plug in clip.



5 Connect auxiliary harness with fuse no. 3 of fuse box.

6 Remove air filter and check whether a choke cover with code number "104" is installed and install, if required.

7 Pull cable from choke cover and disconnect cable terminal. Then insulate end of cable and slip plug of auxiliary line harness on choke cover.

8 Check choke cover-stepped heater for function (07.2-145).

Flat rate (includes choke cover, exchange):

Basic job: 20 work units or 1.7 hours

Connected job: 17 work units or 1.4 hours

Spare parts

Quantity	Designation	Part no.
2	Relay	001 542 02 19
1	Auxiliary bracket	114 542 14 40
1	Auxiliary line harness	114 540 47 09
1	Choke cover "144"	000 071 28 28
1	Pre-resistor	001 545 11 18