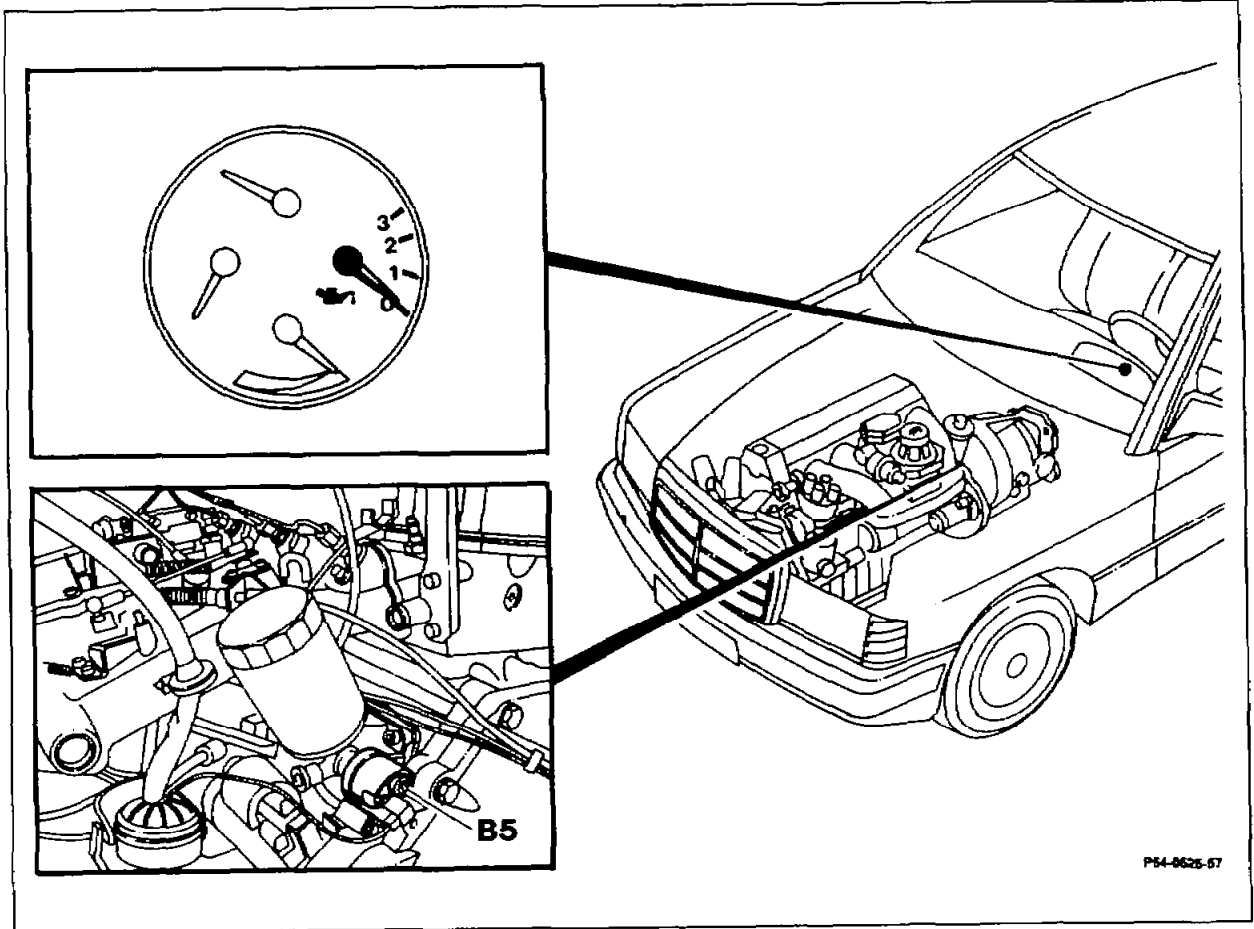


54-0254 Testing electric oil pressure gauge

Operation no. of operation texts and work units or standard texts and flat rates:



P64-0626-57

B5 Oil pressure gauge sensor

- | | |
|---|---|
| Key in steering lock | turn to position 2 (battery voltage). |
| Electrical connection | unplug from oil pressure gauge sensor (B5).
Specified reading: 3 bar. |
| If specified reading is not achieved | test cable from oil pressure gauge sensor (B5)
to instrument for short to ground. |
| Cable in order | replace instrument. |
| When engine switched off, oil pressure
gauge rises | connect cable from oil pressure gauge sensor
(B5) to ground. If reading is 0 bar, replace oil
pressure gauge sensor (B5). |

Reading remains at 3 bar cable has open circuit.

Note

The oil pressure gauge is controlled electrically.

An oil pressure gauge sensor (B5) installed in the oil filter controls the gauge in the instrument cluster.

Positive exists continuously at the oil pressure gauge in the instrument cluster when the ignition is switched on. Negative is applied in the oil pressure gauge through the sensor (B5). As the pressure rises, the ohmic resistance of the oil pressure gauge sensor (B5) increases and the reading of the gauge alters.

Test data

Pressure (bar)	Resistance (ohms)
0	approx. 10
1	approx. 69
2	approx. 129
3	approx. 184

Note

The resistance of the oil pressure gauge sensor (B5) depends on the pressure in the system.

Special tool

