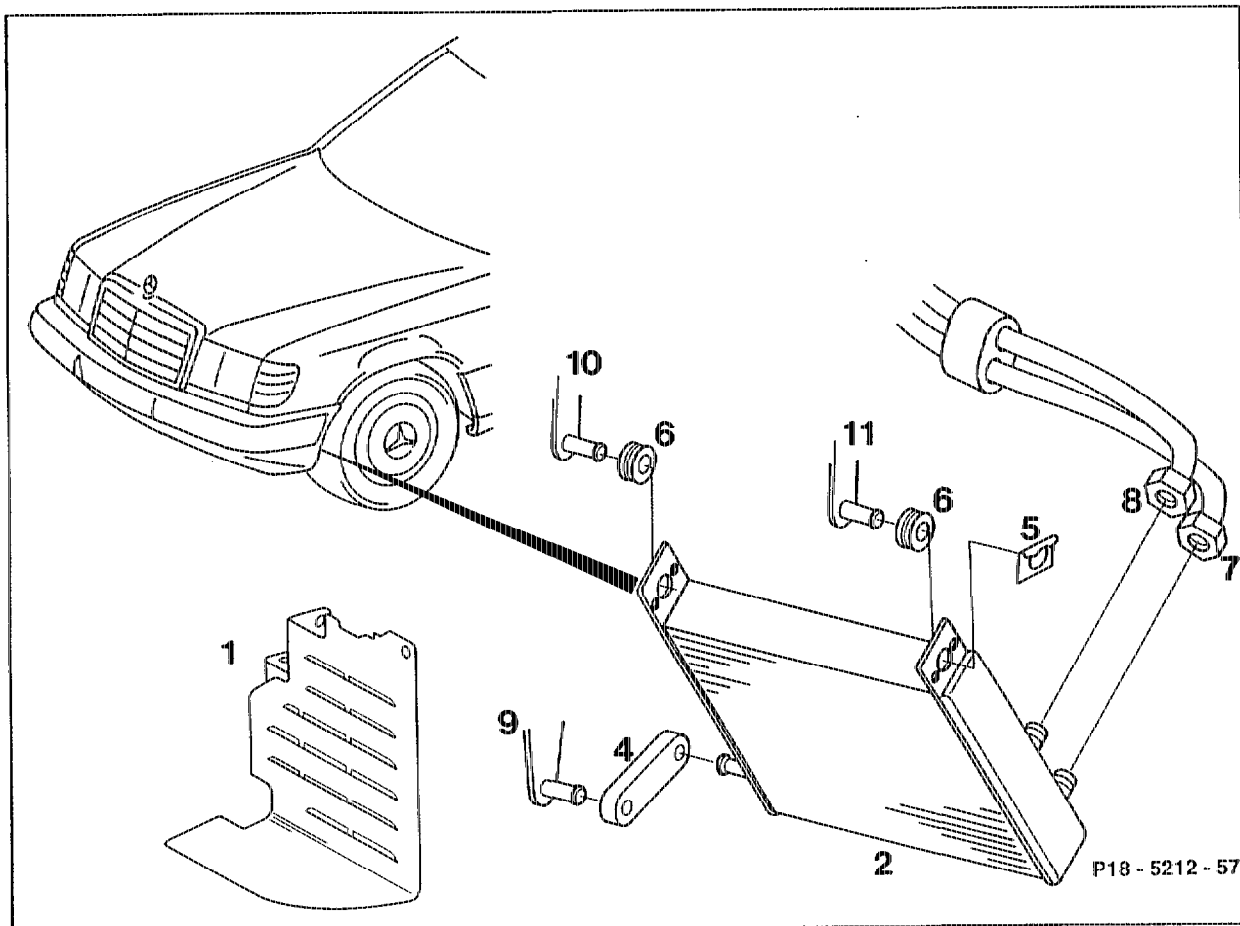


18-1300 Removing and installing air-to-oil cooler

Operation no. of operation texts and work units or standard texts
and flat rates:
18-6820

A. Model 124 with air-to-oil cooling



Vehicle	drive onto lift platform or inspection pit.
Front left panel (1)	remove, install.
Oil pipes (7) and (8) to air-to-oil cooler (2)	unbolt, bolt on (30 Nm) (union nut waf 32), pay attention to note.
When performing this step	counter-hold at air-to-oil cooler (2) with wrench (waf 27).
Clip (5)	detach from fixture (11), fit on.
Rubber block (4)	detach from bottom fixture (9), attach.
Air-to-oil cooler (2)	detach from top fixtures (10 and 11), remove, install.

Leaks

check when engine warm.

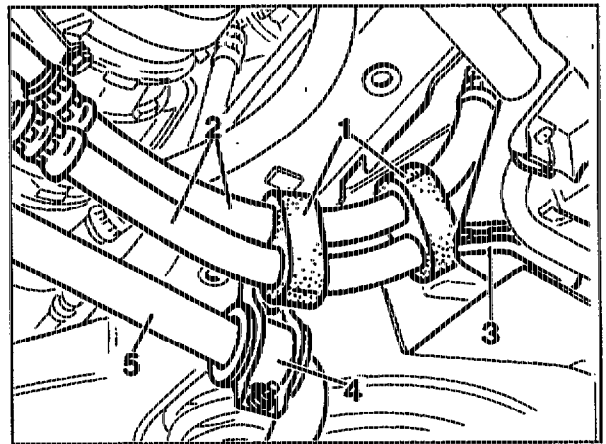
Oil level

Note

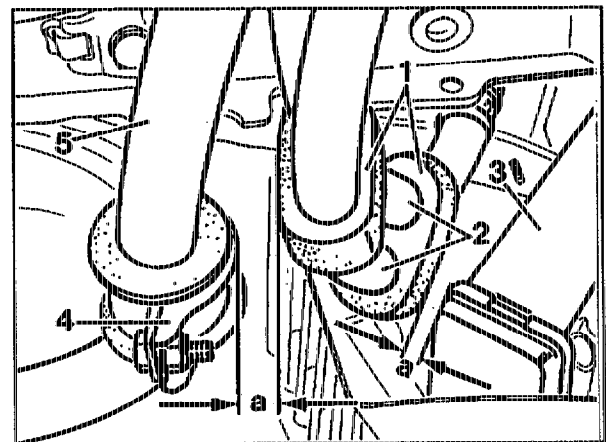
The oil circulates in the air-to-oil cooler (2) once the thermostat valve in the oil filter opens. check, adjust to correct level (18-0020).

Note

The spacers (1) must be positioned on the oil hose (2) so that they act as a buffer to the retaining clip (4). If the spacers (1) are not correctly installed, the oil hoses (2) may be chafed through and this may result in engine damage.



P18-5016-13

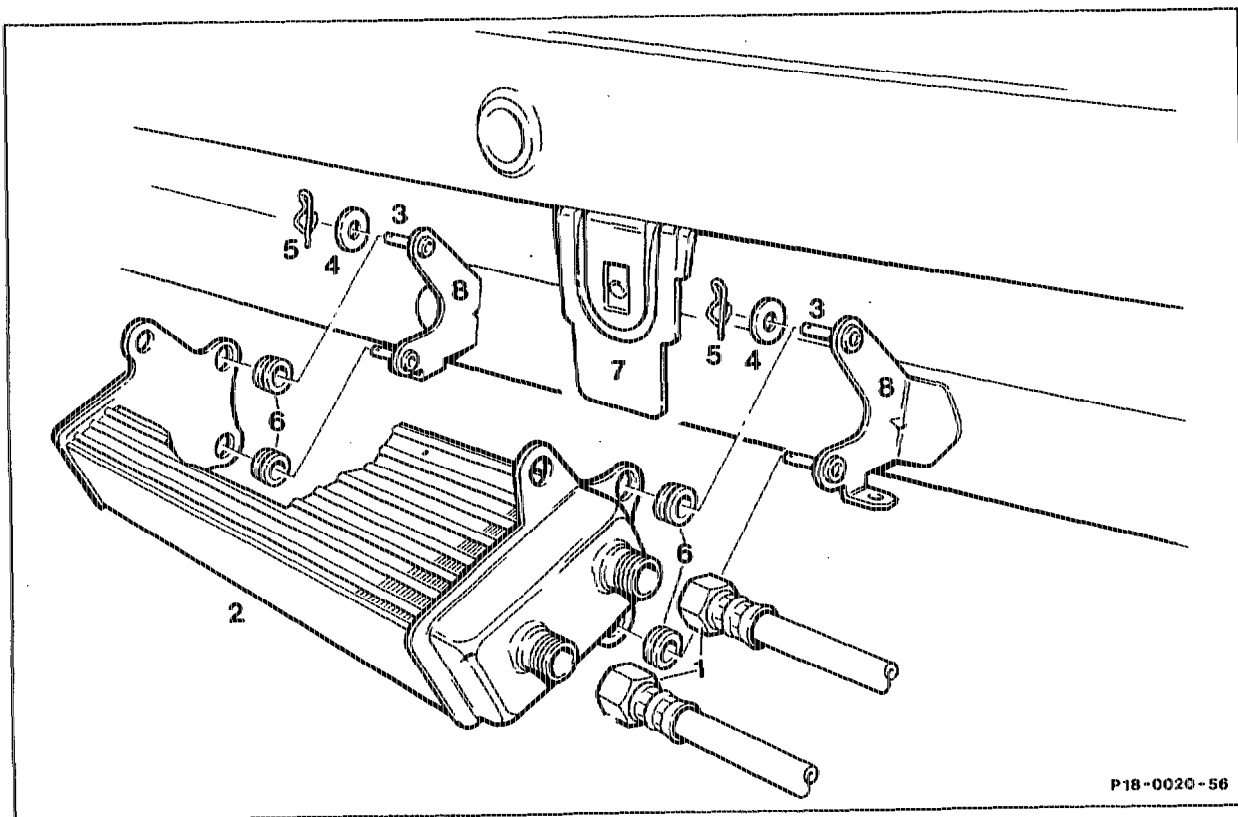


P18-5015-13

B. Model 129 with air-to-oil cooling

Preceding work:
Bottom engine compartment panel removed
(Maintenance Manual 6190)

Operation no. of operation texts and work units or standard texts
and flat rates:
18-6820



P18-0020-56

Bumper	detach from cooler supporting brackets (7), attach.
Oil pipes (1) at air-to-oil cooler (2)	unbolt, bolt on (30 Nm).
Locking elements (5)	pull off from bearing pins (3), fit on.
Air-to-oil cooler (2)	disconnect at mounting brackets (8), fit on.
Air-to-oil cooler (2) between bumper and cooler support	remove, install.
Leaks	check when engine warm.

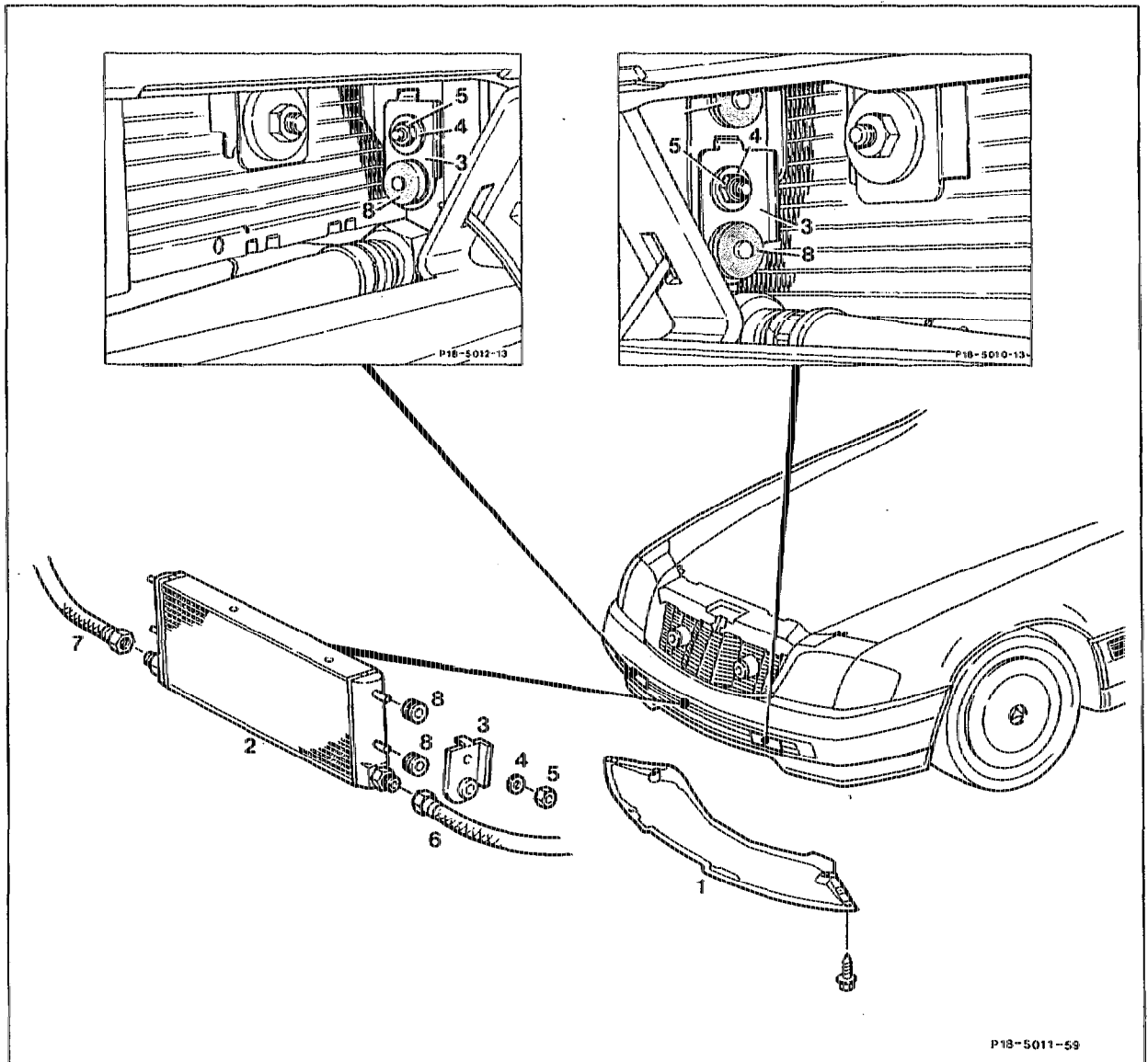
Note

The air circulates in the air-to-oil cooler (2) once
the thermostat valve in the oil filter opens.
check, adjust to correct level (18-0020).

C. Model 140 with air-to-oil cooling

Preceding work:
Bottom engine compartment panel removed
(Maintenance Manual 6190)

Operation no. of operation texts and work units or standard texts
and flat rates:
18-6820



Oil pipes (1) at air-to-oil cooler	unbolt, bolt on (30 Nm).
Bolts	unscrew, screw on.
Metal holder	remove, install.
Air-to-oil cooler	lift out from mounting points, insert.
Leaks	check when engine warm.

Note

The oil circulates in the air-to-oil cooler (2) once the thermostat valve in the oil filter opens.
check, adjust to correct level (18-0020).