

12 61 280 Removing and installing/replacing oil pressure switch



WARNING

Hot surfaces.

Risk of burning!

- Perform all work only on components that have cooled down.



WARNING

Hot fluids.

Risk of scalding!

- Conduct all work on the vehicle with appropriate personal protective equipment only.

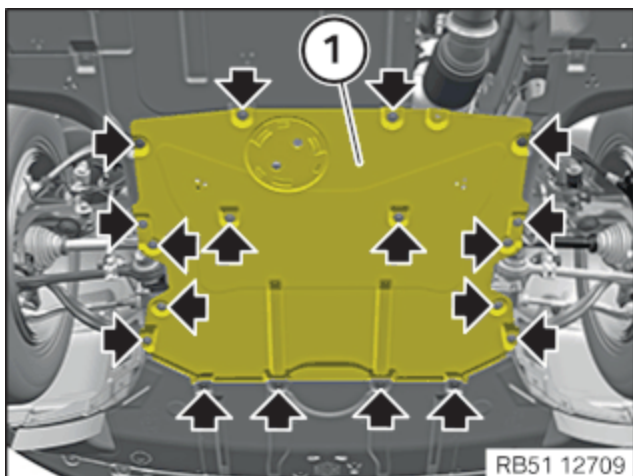


TECHNICAL INFORMATION

Collect and dispose of emerging fluids. Observe country-specific waste disposal regulations.

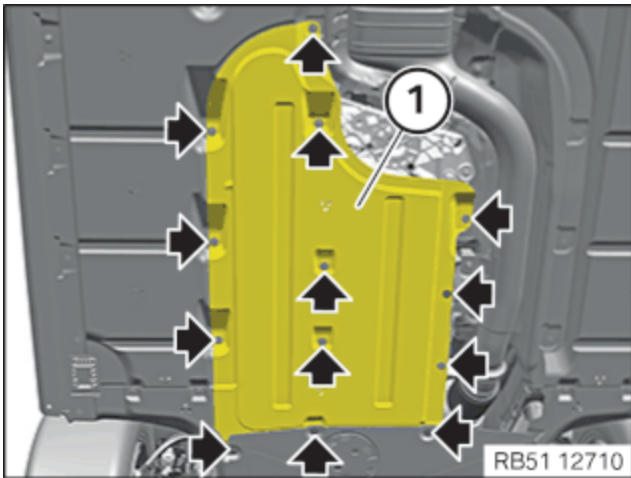
PRELIMINARY WORK

1 – Removing the centre underbody protection



- Loosen screws (arrows).
- Guide out the centre underbody protection (1) and remove it.

2 – Removing the rear underbody protection



- Loosen the screws (arrows).
- Guide out rear underbody protection (1) and remove it.

MAIN WORK

3 – Removing the oil pressure switch



WARNING

Hot surfaces.

Risk of burning!

- Perform all work only on components that have cooled down.



RISK OF DAMAGE



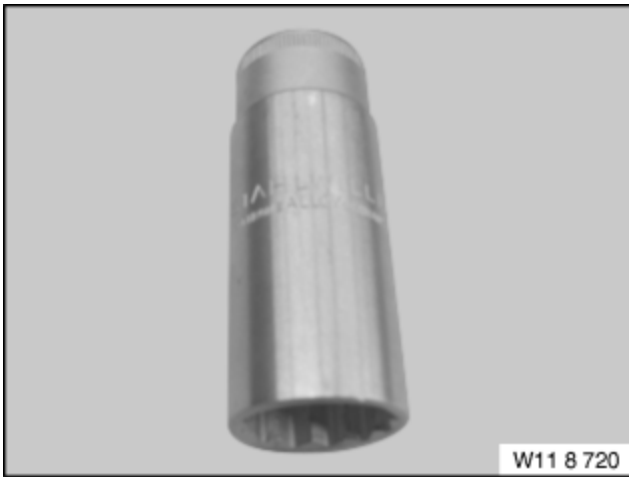
Electrostatic discharge.

Damage to or destruction of electrical components.

- Leave electrical components in original packaging until just before they are installed. Use the original packaging only for any return shipments. Always package removed components straight away.
- Comply with user information on applying the associated special tool 12 7 060.
- Only touch the housings of electrical components. Do not touch pins or multi-pin connectors directly.
- Wear electrically conductive clothing and antistatic shoes (with ESD symbol).
- For additional information see: 61 35 ... Notes for ESD protection (electrostatic discharge)

TECHNICAL INFORMATION

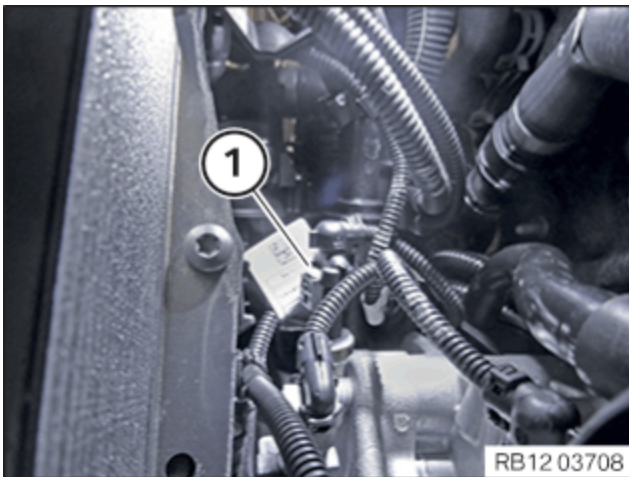
Collect and dispose of emerging fluids. Observe country-specific waste disposal regulations.



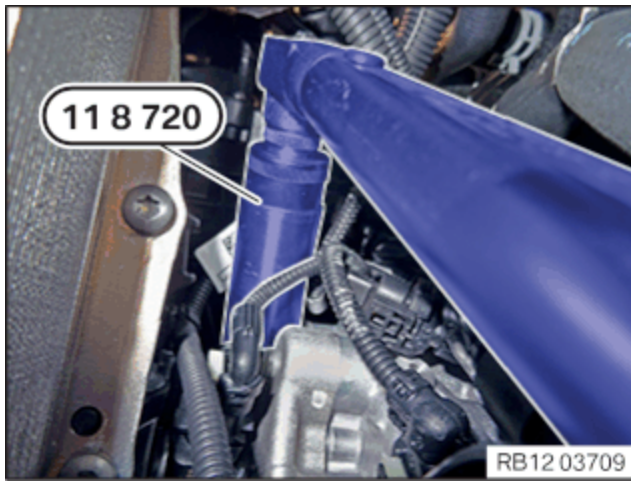
- Prepare special tool [0 496 106 \(11 8 720\)](#).



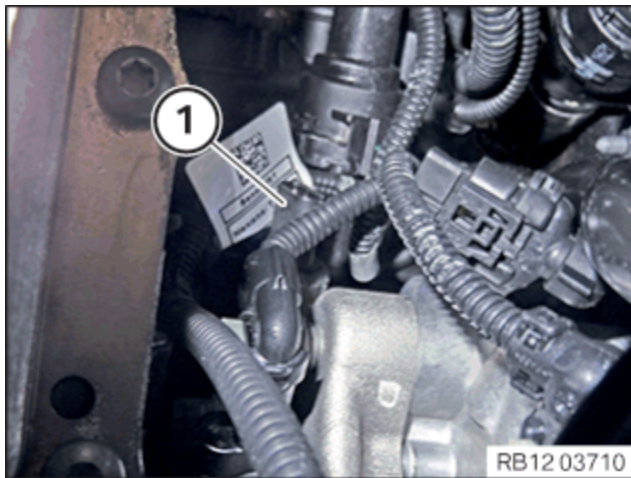
- Loosen clamp (1).
- Release the holder (2) .
- Feed out the coolant line (3) and set it aside.



- Unlock plug connection (1) and disconnect.

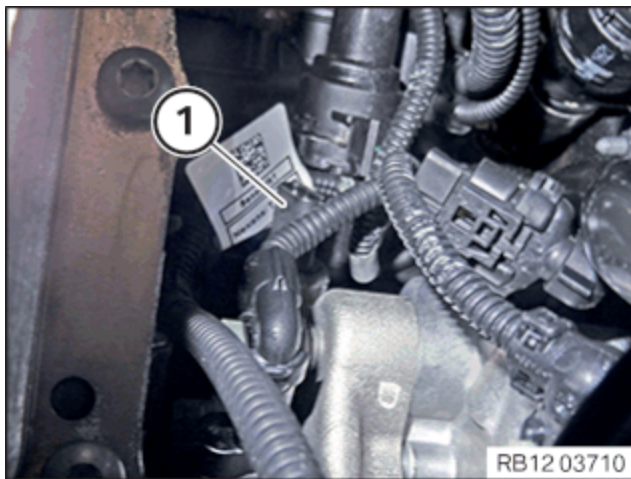


- Release the oil pressure switch with the special tool [0 496 106 \(11 8 720\)](#).

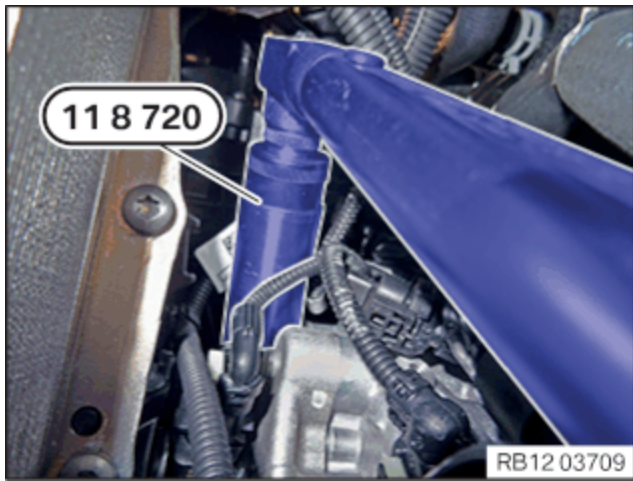


- Have a cleaning cloth ready.
A small amount of engine oil emerges when oil pressure switch (1) is removed.
- Feed out and remove the oil pressure switch (1).
- Catch and dispose of emerging engine oil.

4 – Installing the oil pressure switch



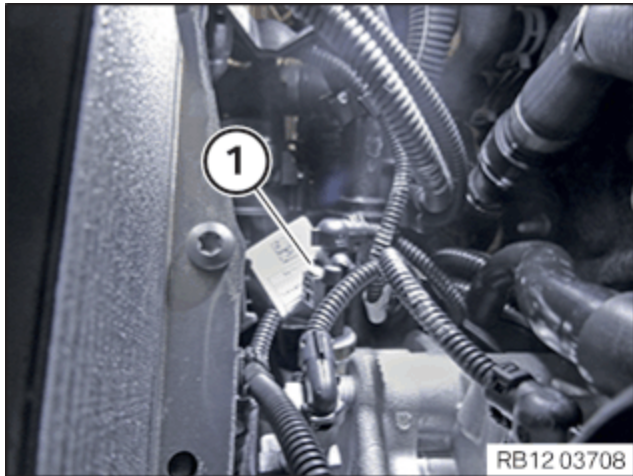
- Feed in and install oil pressure switch (1).



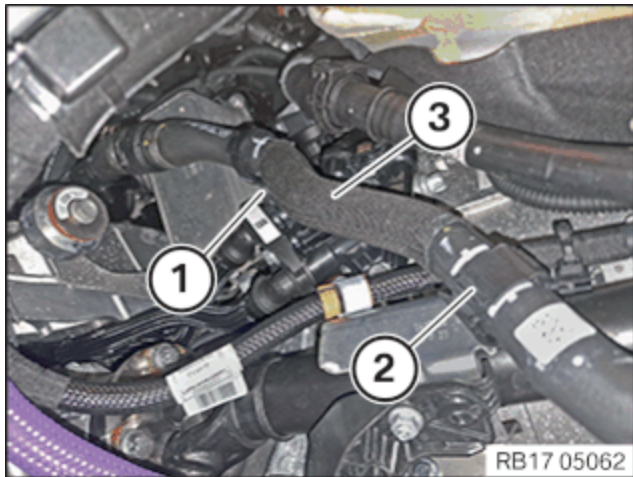
- Tighten the oil pressure switch with the special tool [0 496 106 \(11 8 720\)](#).

Oil pressure switch to crankcase

M12X1.5		Tightening torque	16,5 Nm
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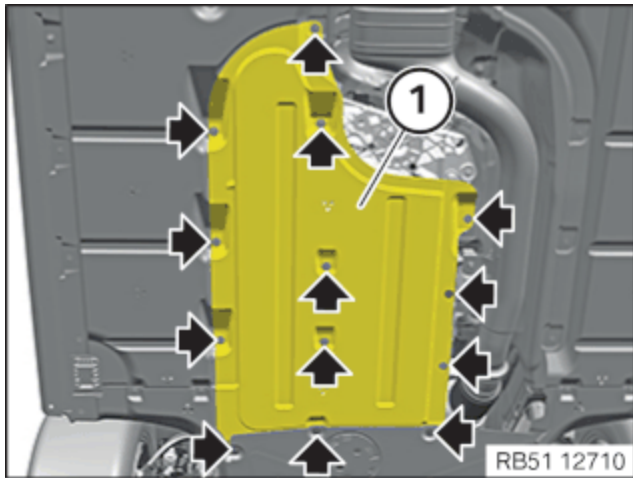
- Connect connector (1) and lock.
The connector (1) must engage audibly.



- Manoeuvre the coolant line (3) into place.
- Fasten the holder (2).
- Secure the clamp (1).

POSTPROCESSES

5 – Installing underbody protection at rear

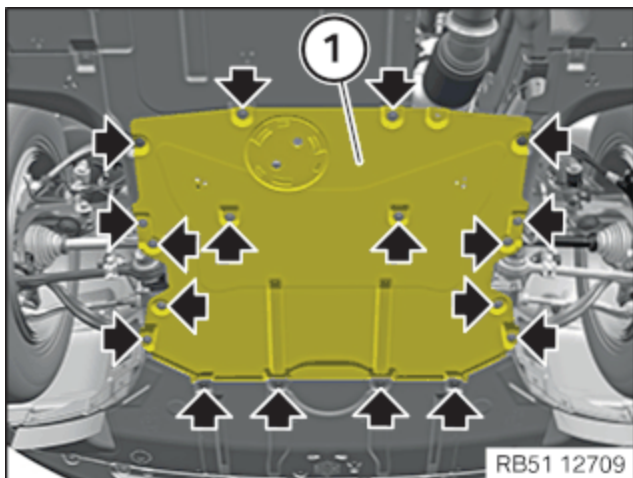


- Thread in the rear underbody protection (1) and install.
- Tighten screws (arrows).

Underbody protection to vehicle underside

Thermoplastic hexagon bolt		Tightening torque	2.3 Nm
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6 – Installing the centre underbody protection



- Guide in centre underbody protection (1) and install.
- Tighten screws (arrows).

Underbody protection to vehicle underside

Thermoplastic hexagon bolt		Tightening torque	2.3 Nm
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7 – Checking the engine oil level

Prerequisite

Vehicle in horizontal position.



TECHNICAL INFORMATION

Observe Owner's Handbook.

- Carry out an electronic oil measurement.
- Top up engine oil, if necessary.

7 – Pre-drive check oil level measurement

Additional Information

Overview of Tightening Torques

Oil pressure switch to crankcase

Used in step 4

M12X1.5	Tightening torque	16,5 Nm
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Underbody protection to vehicle underside

Used in step 5 6

Thermoplastic hexagon bolt	Tightening torque	2.3 Nm
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Overview of Special Tools

0 496 106 (11 8 720) Socket



Common

Used in step 3 4

Usage (long wrench socket SW24) For disassembly and installation of oil pressure sensor. (Stahlwille or HAZET)

Included in the tool or work

Storage location C20

Replaced by

In connection with

SI-Number 01 04 07 (352)

Overview Technical Data

Links

Functional descriptions

Used in step

Pre-drive check oil level measurement

7

Repair instructions

Used in step

61 35 ... Notices on ESD protection (electrostatic discharge)

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