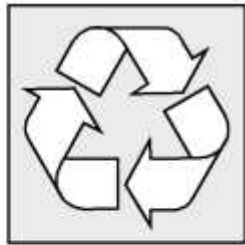


11 42 020**Removing and installing/replacing full-flow oil filter (N55)****Warning!**Risk of scalding!

Only perform this repair work on an engine that has cooled down.

**Recycling:**

Catch and dispose of drained coolant.

Observe country-specific waste disposal regulations.

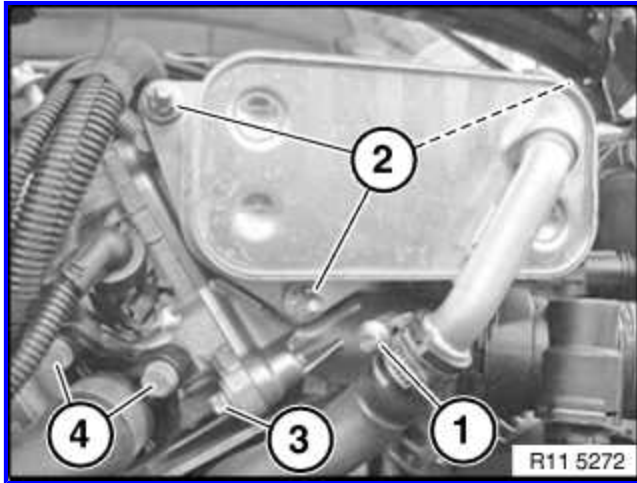
*Necessary preliminary work:*

- Drain [coolant](#).
- Remove [intake plenum](#).
- Unfasten [oil filter cover](#).
- Protect drive belt against dirt contamination.

Release hose clamp (1).

Tightening torque [11 53 6AZ](#).

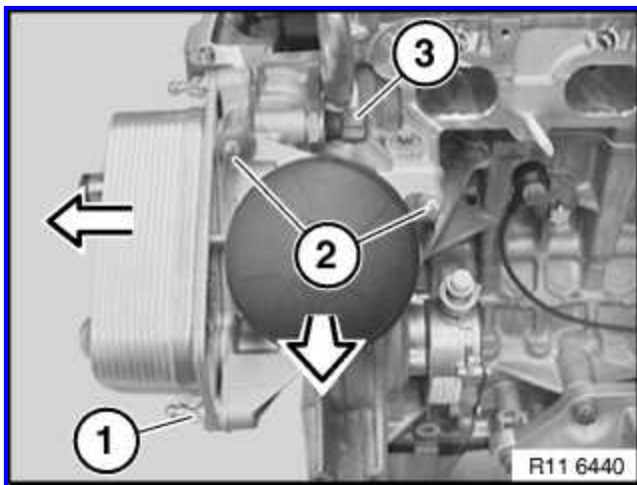
Release screws (4) from coolant hose on cylinder head.



Tightening torque: [11 53 7AZ](#).

Release screw (3).

Tightening torque: [11 42 2AZ](#).



Unfasten screws (2).

Tightening torque: [11 42 2AZ](#).

Detach connector from oil pressure switch (3).

Note:

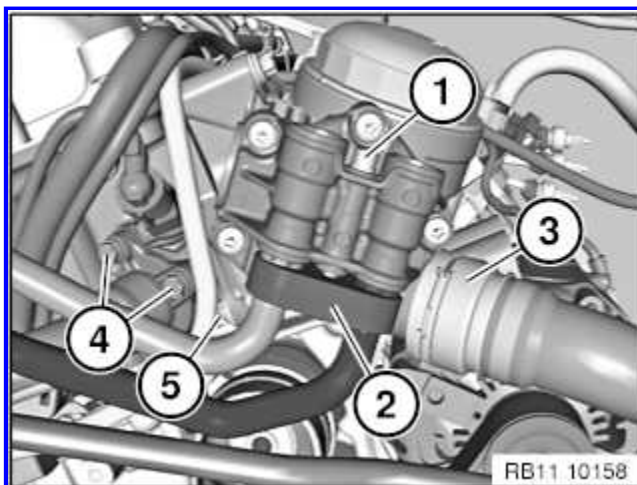
Have cleaning cloth ready to catch residual oil.

Installation note:

Replace all gaskets.

If necessary, replace filter element.

When replacing, modify oil-to-water heat exchanger and oil pressure switch (3).



Note:

Hot-climate version

Release screw (1).

Tightening torque [17 22 4AZ](#).

Remove engine oil pipes (2).

Unlock coolant hose (3) and pull off.

Release screws (4) from coolant hose on cylinder head.

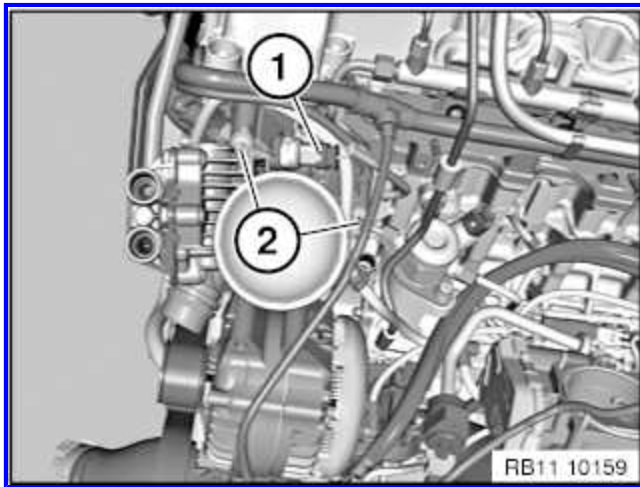
Tightening torque: [11 53 7AZ](#).

Release screw (5) from oil filter.

Tightening torque [11 42 2AZ](#).

Pull off connector (1) from oil pressure switch.

Release screw (2) from oil filter.



Tightening torque: [11 42 2AZ](#).

Note:

Have cleaning cloth ready to catch residual oil.

Installation note:

Replace all gaskets.

If necessary, replace filter element.

If replacing, [modify thermostat housing](#) and oil pressure switch



Assemble engine.

Note:

Protect drive belt against dirt contamination.

Installation note:

[Bleeding instruction](#) must be observed without fail.