

2009 BMW 535i Sedan (E60) L6-3.0L Turbo (N54)

Vehicle > Engine, Cooling and Exhaust > Engine > Engine Lubrication > Oil Filter > Service and Repair > Removal and Replacement

REMOVING AND INSTALLING/REPLACING FULL-FLOW OIL FILTER (N54) [REP-REP-RAF0111N54-1142020 - V.2]

Repair instruction

Removing and installing/replacing full-flow oil filter (N54)

11 42 020 | REP-REP-RAF0111N54-1142020 - V.2

11 42 020 Removing and installing/replacing full-flow oil filter (N54)



Special tools required:

- 11 9 240



Warning!

Risk of scalding!

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



Important!

Risk of damage!

When working on the engine oil, coolant or fuel circuit, it is essential always to protect the alternator and belt drive against contamination.

Cover alternator with suitable materials.



Necessary preliminary tasks:

- Remove intake plenum
- Drain coolant
- Unlock coolant hose and detach
- Remove the oil-water heat exchanger

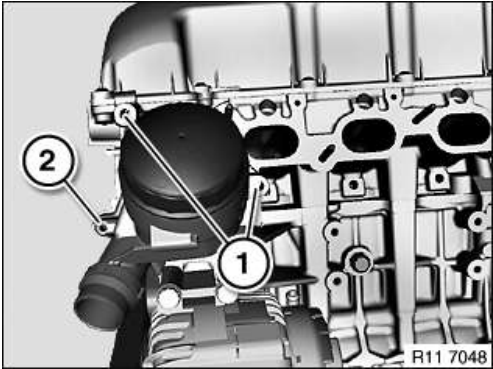


Release oil filter cover with special tool 11 9 240. Tightening torque 11 42 1AZ.

Note:
Engine oil flows out of the oil filter housing and back into the oil sump.

Installation note:
Replace sealing rings on oil filter cover.

Moisten sealing rings with engine oil.



Release screws (1).

Release screw (2).

Note:
Have cleaning cloth ready to catch residual oil.

Tightening torque:

11 42 2AZ.	Type	Thread	Tightening specifications	Dimension
2AZ Oil filter housing to cylinder head	N54 / N54T	M8 x 78 M8 x 48 M8 x 28		22 Nm

Installation note:
Replace all gaskets.

If necessary, replace filter element.

Modify oil pressure switch when replacing.



Assemble engine.