

## 11 13 000 sump (N55)

### Removing and installing, sealing or replacing oil



#### Important!

Aluminium screws/bolts are permitted with and without colour coding (blue).

Aluminium screws/bolts must be replaced each time they are **released**.

For reliable identification:

Aluminium screws/bolts are **not magnetic**.

Jointing torque and angle of rotation must be observed without fail (**risk of damage**).



#### *Necessary preliminary tasks:*

- [Remove left charge air duct](#).
- Drain and add [engine oil](#).
- Remove [front axle differential](#).
- Remove [bearing support](#).
- Detach [power steering pump](#) and set it aside (Dynamic Drive only).
- Remove [engine support arm](#).
- Detach deflecting element and holder from oil sump.



#### *Note:*

The lines must be detached from the oil sump on vehicles with automatic transmission; if necessary, detach oil pump and place to one side.

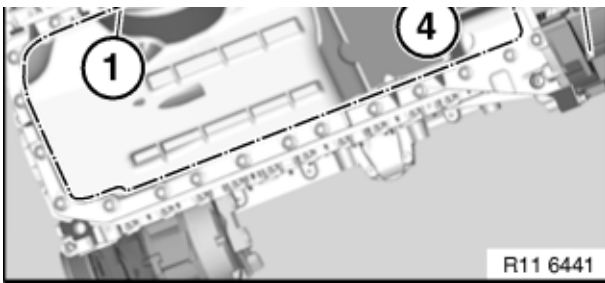


Release bolts (3) on transmission.

Tightening torque [11 13 6AZ](#).

Detach return hose (2).

#### Important!



For vehicles with four-wheel drive or automatic transmission, bolts of different lengths are installed for mounting the oil sump.

**Observe different tightening torques.**

Release bolts along line (1).

For vehicles with four-wheel drive or automatic transmission:

Tightening torque [11 13 2 and 3AZ](#).

Additionally for vehicles with four-wheel drive:

Tightening torque [11 13 4AZ](#).

*Installation note:*

**Replace aluminium screws.**

If necessary, release nuts (4). Remove oil level sensor.

Tightening torque [11 13 7AZ](#).

*Installation note:*

**Replace sealing ring.**

### **Important!**

There must be no adhesive residues in the lower crankcase section retaining threads.

**Clean retaining threads and sealing surfaces.**

*Installation note:*

**Replace all gaskets.**



Assemble engine.