

11 41 000

Removing and installing/replacing oil pump (N55)**Special tools required:**

- [2 303 793](#)

**Important!**

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

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

For reliable identification:

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

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

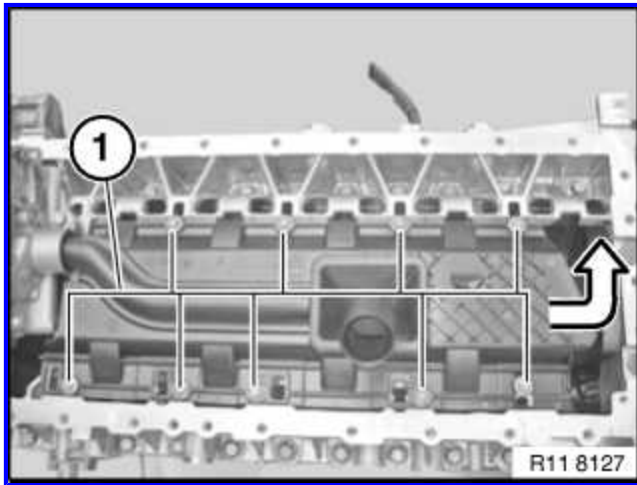
*Necessary preliminary tasks:*

- Removing [oil sump](#).
- Remove [sealing cap](#) of vacuum pump.
- Remove [sealing cap](#) of chain tensioner for the oil pump.

Undo all the aluminium screws (1) along the line.

Installation note:

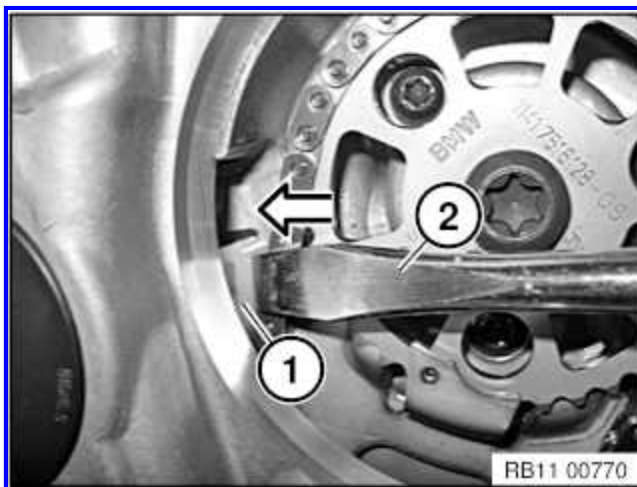
Replace aluminium screws.



Remove intake pipe with oil deflector.

Installation note:

Replace O-ring.

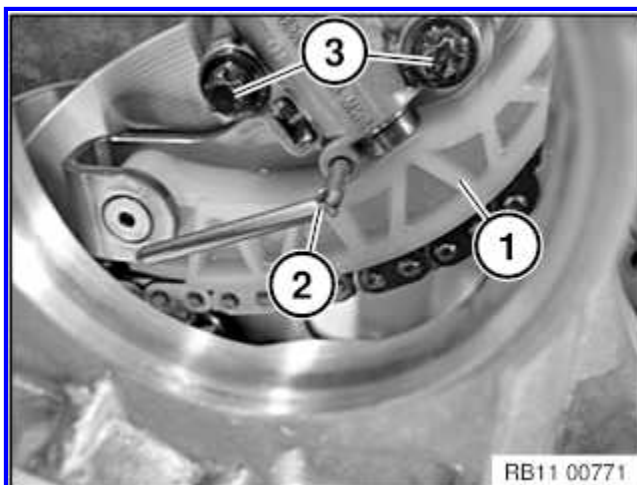


Important!

Before releasing the central bolt on the oil pump, the hydraulic chain tensioner must be drained.

Carefully press tensioning rail (1) with a suitable screwdriver (2) in direction of arrow.

As the oil pressure in the chain tensioner can only be drained pulsating, the tensioning rail (1) must be pressed several times.



Press the tensioning rail (1) and hold down.

Fix chain tensioner piston in position with a suitable lock pin (2).

Tightening torque: [11 41 7AZ](#).

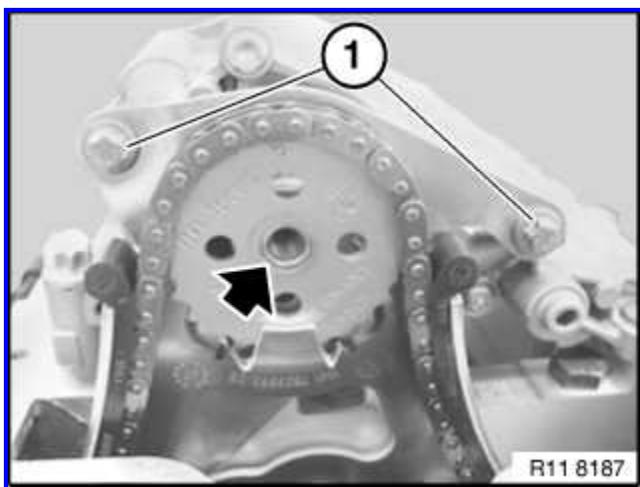
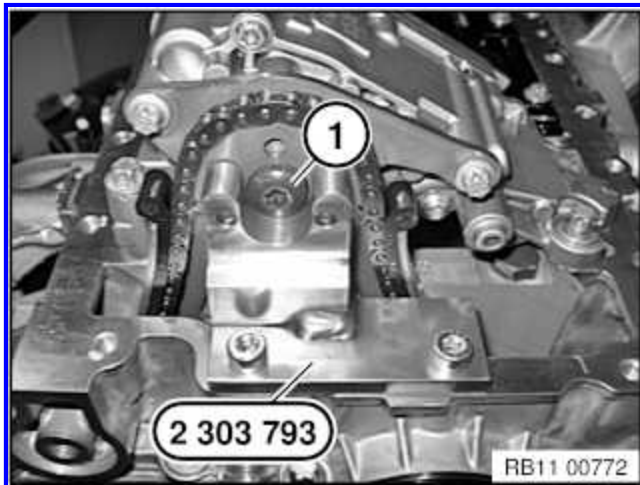
Note:

Sprocket must be blocked in order to release central bolt (1).

Secure special tool [2 303 793](#) to crankcase.

Release oil pump central bolt (1).

Tightening torque [11 41 5AZ](#).



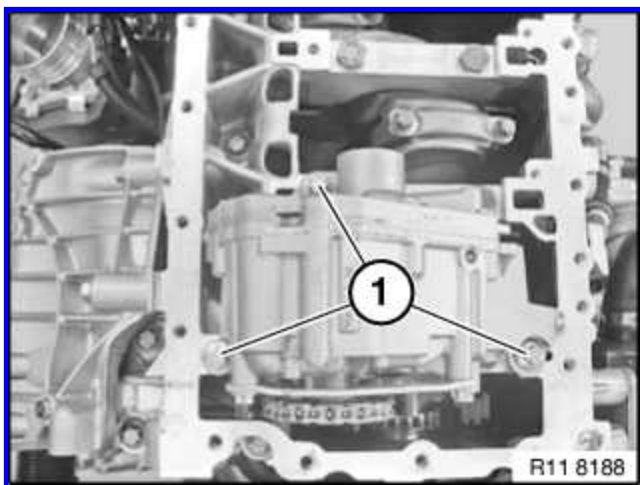
Release aluminium screws (1).

Tightening torque [11 41 6AZ](#).

Installation note:

Replace aluminium screws.

Watch mounting flats on oil pump sprocket.



Important!

Observe different screw lengths.

Release aluminium screws (1).

Tightening torque [11 41 2AZ](#).

Installation note:

Replace aluminium screws.

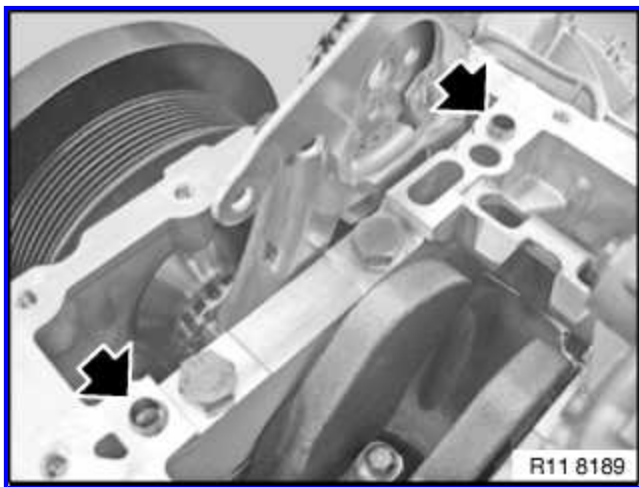
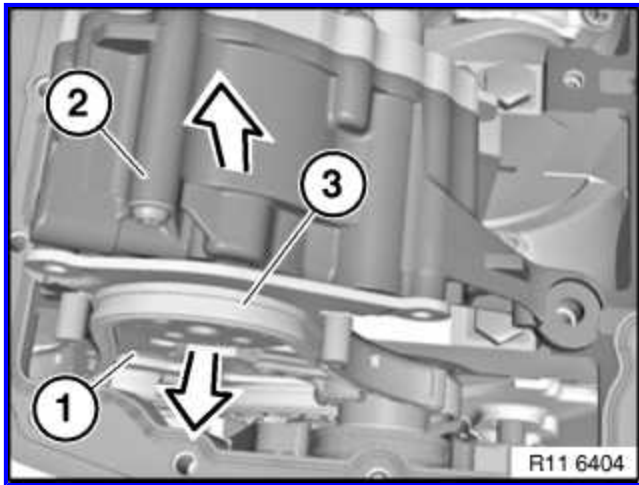
Detach sprocket (1) in direction of arrow.

Note:

Chain tensioner presses timing chain (3) upwards.

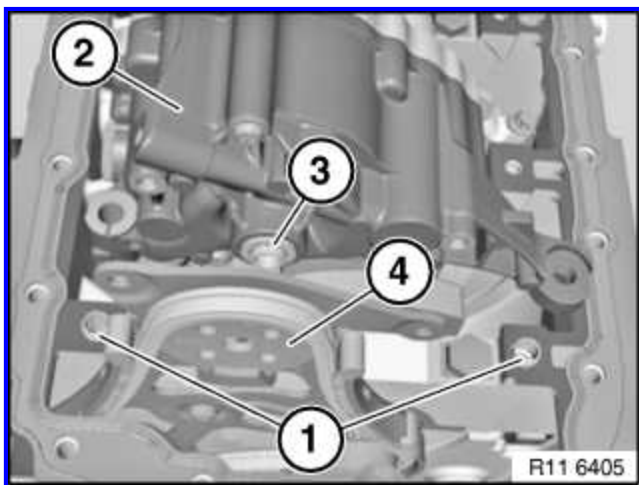
Do not remove sprocket (1).

Remove oil pump (2) in direction of arrow.



Installation note:

Check spacer bushes for secure seating and damage; replace if necessary.



Install oil pump (2).

Align mounting flats (3) on oil pump (2) to sprocket (4).

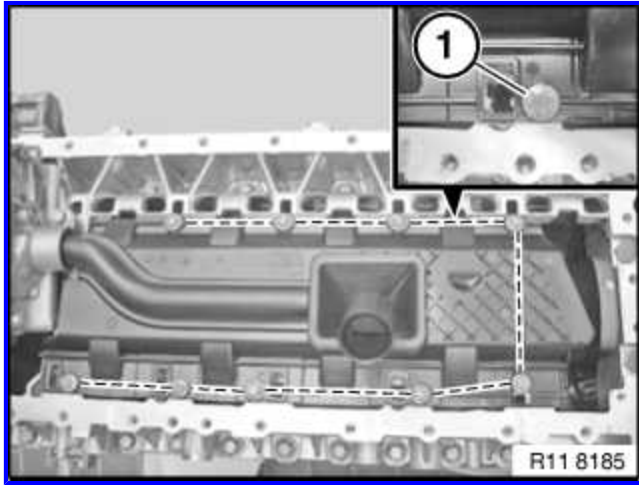
Install intake pipe with oil deflector.

Installation note:

Replace O-ring.

Insert all the aluminium screws (1) along the line.

Installation note:



Replace aluminium screws.

Tightening torque [11 41 1AZ](#).



Assemble engine.