**Special tools required:**

- 11 8 401
- 11 8 402

Switch off ignition.

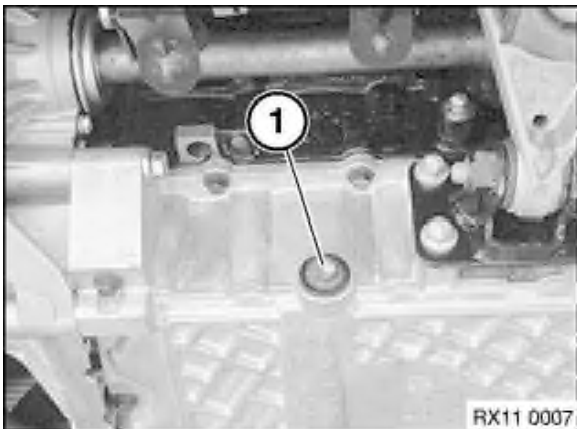
Disconnect battery.

Remove alternator drive belt.

Unscrew and remove splash guard.

**Caution!**

When working on oil, coolant or fuel circuit: Make sure no oil, coolant or fuel drips onto the alternator. Cover alternator with suitable material. Otherwise there may be alternator malfunctions.



Unscrew oil drain plug (1).

Drain engine oil.

Tightening torque, 11 13 1AZ .

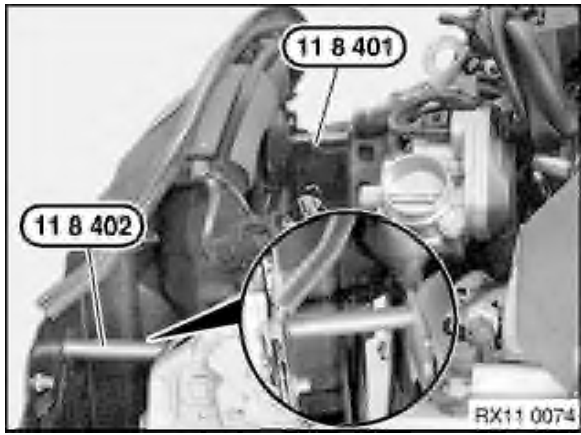
Top up engine oil.

Start engine and run until oil indicator lamp goes out.

Switch off engine and wait approx. 5 minutes.

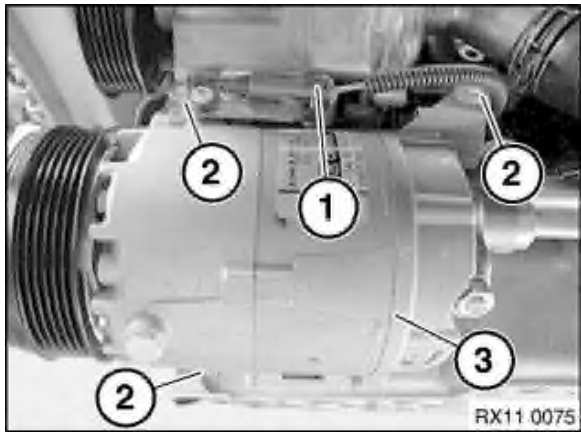
Check engine oil level.

Top up if necessary.



Remove impact tube.

Lower front end module and fit special tools 11 8 401 and 11 8 402 .



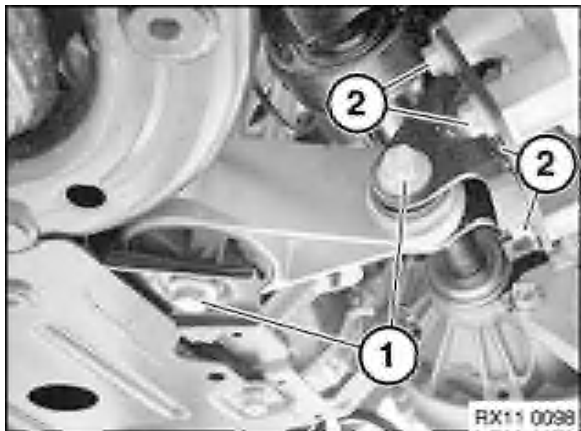
Detach plug connector from A/C compressor (1).

Remove retaining screws (2) of A/C compressor and lower compressor (3).

Secure compressor to front end module.

Unclip high-pressure line of A/C system.

Tightening torque 64 52 1AZ .

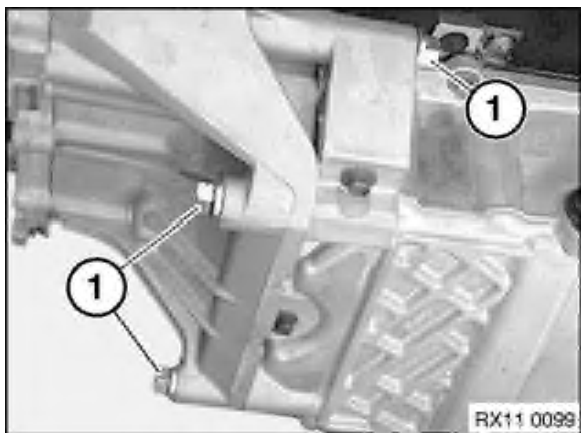


Remove screws (1) of lower stabilizer bar and remove stabilizer bar.

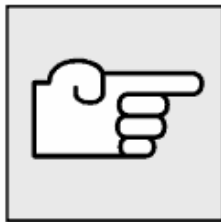
Remove retaining screws (2) and remove bracket from oil sump.

Tightening torque 11 12 16AZ .

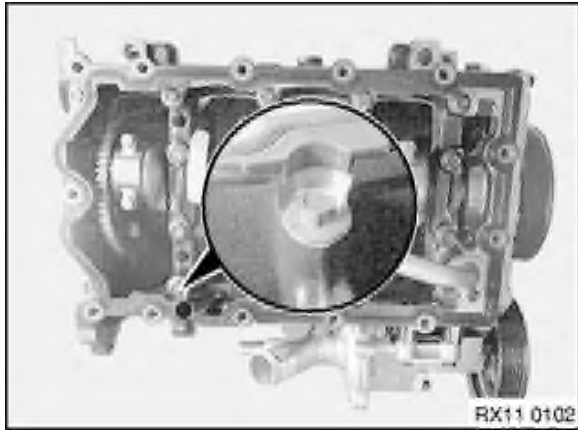
Tightening torque 11 12 19AZ .



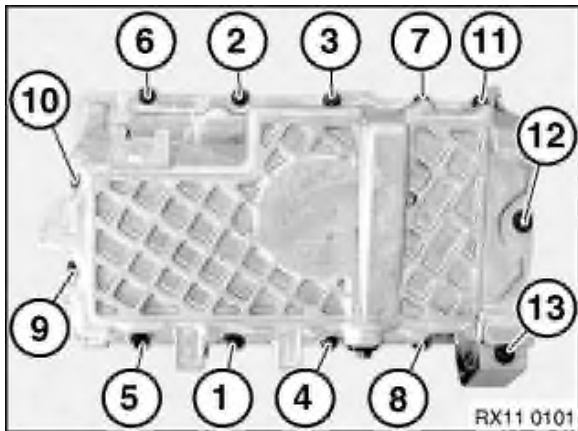
Remove retaining screws (1) for transmission.



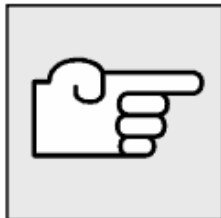
Note:
Two shorter screws are inserted into oil sump.
Tightening torque 21 11 1AZ .



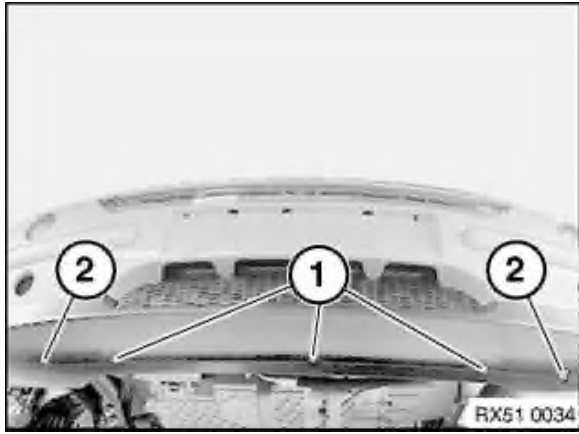
Installation:
Clean mating surfaces of oil sump and cylinder block and check for damage.
Replace gasket.



Remove oil sump screws in specified sequence (13-1) and remove oil sump.
Tighten down oil sump screws in specified sequence (1-13).
Tightening torque 11 13 2AZ .

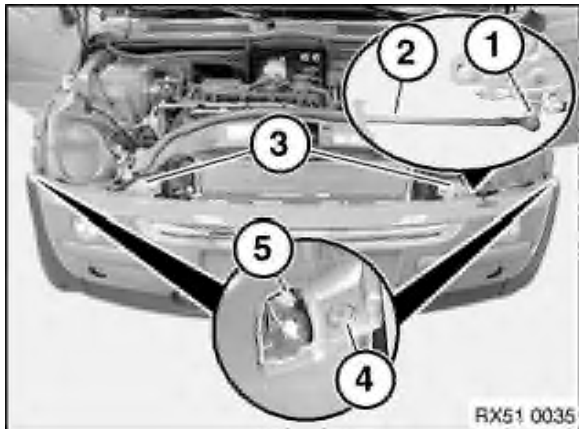


Note:
Position gasket in accordance with alignment lugs.



Unfasten screws (1 and 2).

Tightening torque 51 11 1AZ .



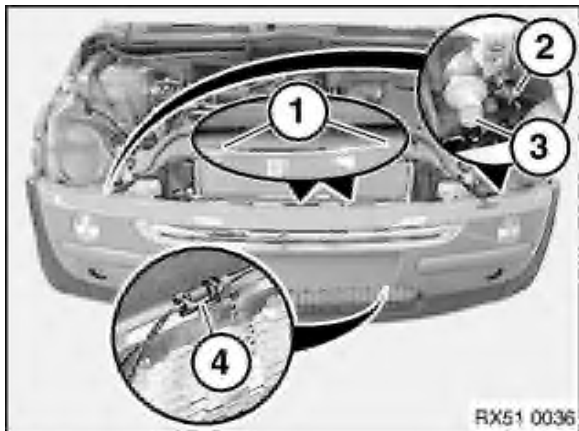
If necessary, release clip (1) and remove release handle (2).

Release screws (3).

Tightening torque 51 11 2AZ .

Release screw rivets (4) and screws (5).

Tightening torque 51 11 6AZ .



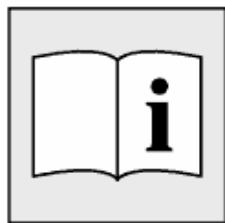
Release bumper from catches (1).

Disconnect plug connector (2) for parking lights.

Disconnect plug connector (3) for direction indicators.

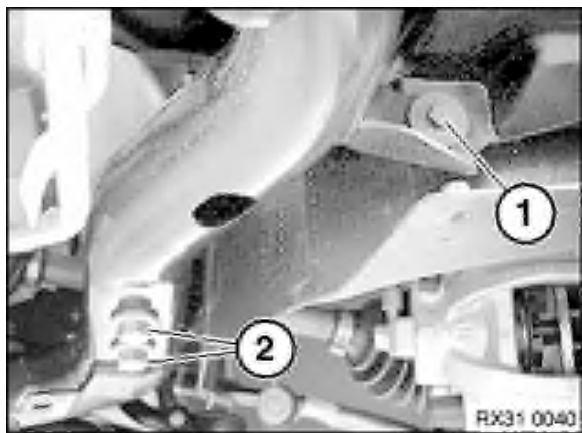
Disconnect plug connector (4) for outside temperature sensor.

Remove bumper towards front with a second person helping.



Necessary preliminary tasks:

- Remove bumper carrier.



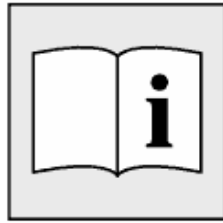
Unscrew bolt (1).

Tightening torque 31 11 5AZ .

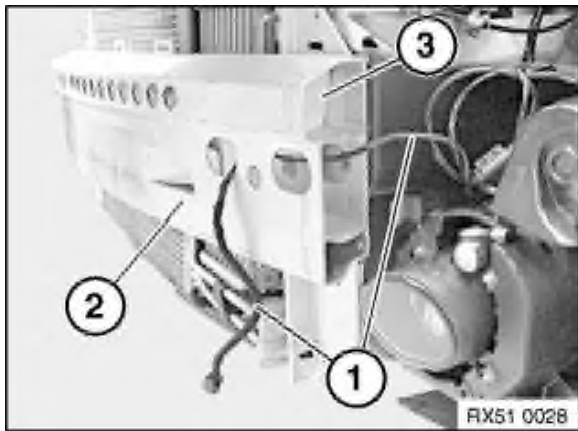
Release screws (2).

Tightening torque 31 11 3AZ .

Pull off bumper bracket forwards from front axle support.

*Necessary preliminary tasks:*

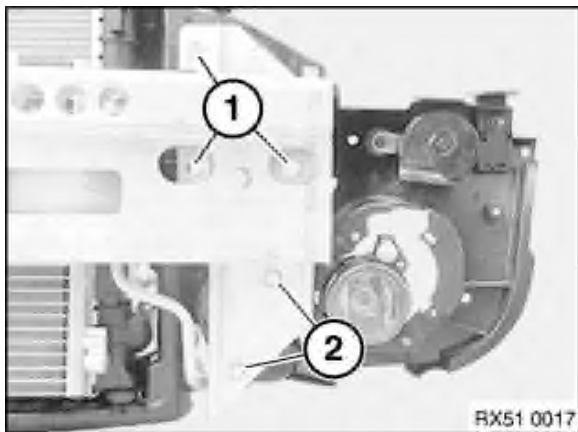
- Remove front bumper trim.



Remove cable (1) for outside temperature sensor from carrier (2).

Replacement only:

Fit left/right air distributor (3) in new carrier (2).

Version (A):

Release nuts (1) and screws (2) on left/right.

Detach carrier for front bumper trim.

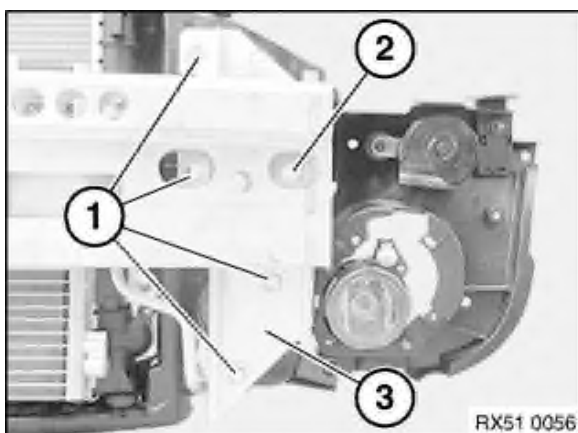
Installation note:

Nuts:

Tightening torque 51 11 3AZ .

Screws:

Tightening torque 51 11 4AZ .

Version (B):

Release nuts (1) and screws (2) on left/right.

Detach carrier (3) for front bumper trim.

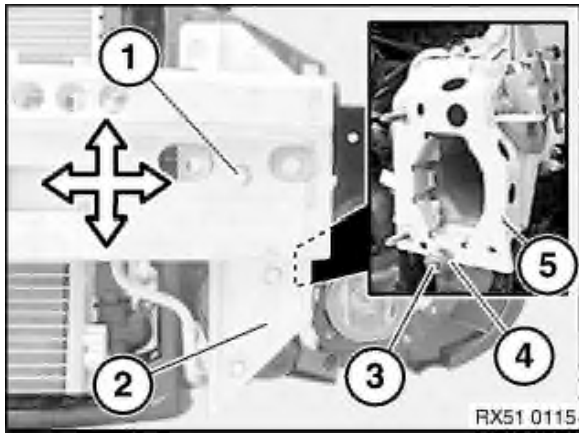
Installation note:

Nuts:

Tightening torque 51 11 3AZ .

Screws:

Tightening torque 51 11 4AZ .



Replacement only:

Adjust carrier (2) if necessary.

Setting of height (Z) and side (Y):

Release screw (3) through hole (1).

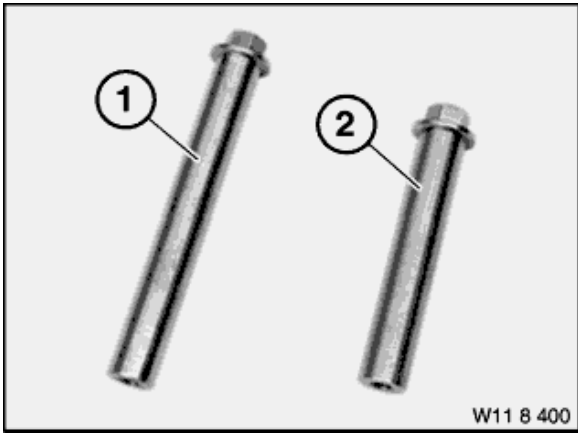
Adjust carrier (2) and fix guide sleeve (4) in position with screw (3).

Setting in longitudinal direction (X):

If necessary fit shims between carrier (2) and mount (5).

11 8 400 Extensions

Minimum set: Mechanical tools



Note: For accommodating front end when lifting out engine

Engine: W10, W11, W17

SI number: 1 05 01 (718)

Order number: 11 8 400
Extensions

Consisting of:

1 = 11 8 401	Extension, long
2 = 11 8 402	Extension, short

11 13 Oil Pan

	Type	Thread	Tightening specification	Measure
1AZ Oil drain plug to oil sump	W10/W11	M14 x 16		25 Nm
2AZ Oil sump to bearing support	W10/W11	M8		31 Nm
3AZ Oil strainer to bearing bracket	W10/W11	M6		12 Nm
4AZ Oil sump to crankcase	W10/W11	M8		31 Nm
5AZ Oil sump to crankcase, transmission side	W10/W11	M8		31 Nm
6AZ Oil sump to crankcase, exhaust side	W10/W11	M8		31 Nm