

11 51 000**Removing and installing/replacing
coolant pump (N55)****Warning!****Risk of scalding!**

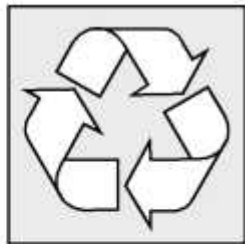
Only perform this work after engine has cooled down.

**Important!**

If a coolant pump that has already been operated is reused, it must be filled with coolant after removal.

Mixture ratio, water: coolant = 1 : 1

Protect plug connections against coolant and contamination.

**Recycling:**

Catch and dispose of drained coolant in a suitable container.

Observe country-specific waste disposal regulations.

Installation note:

1. All screws, nuts, bolts and hose clamps removed during the repair must be replaced.
2. Retaining elements on chassis and suspension and

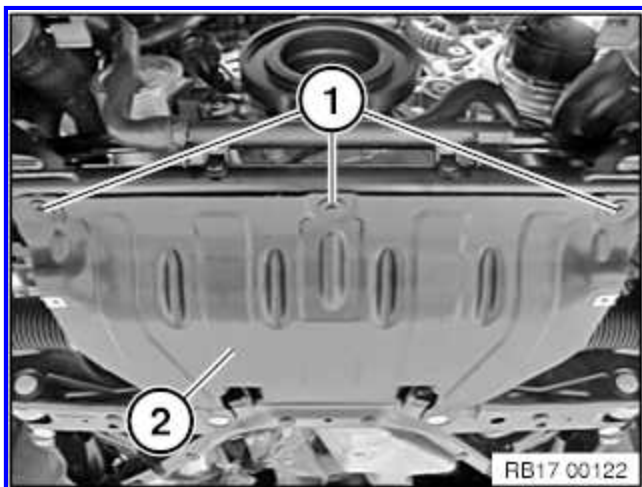


steering parts must be replaced.



Necessary preliminary work:

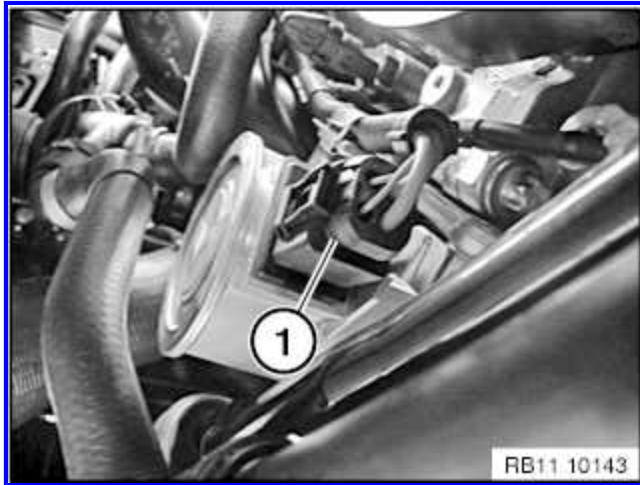
- Follow diagnosis instructions.
- Remove [underbody protection](#)
- Remove [fan cowl](#).
- Drain [coolant](#).



Release screws (1).

Remove cover (2).

Disconnect plug connection (1) from coolant pump.

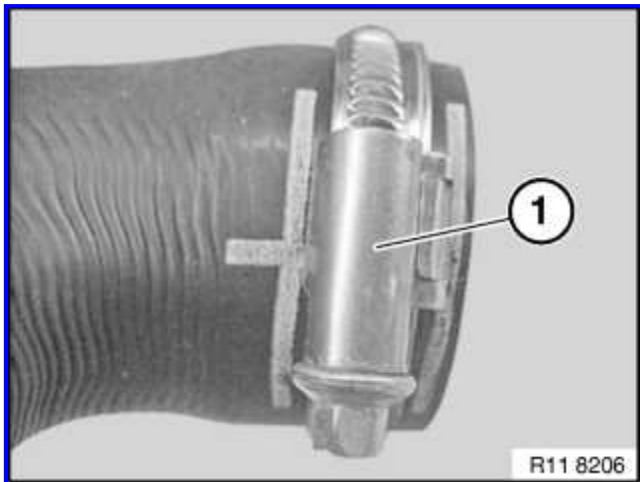
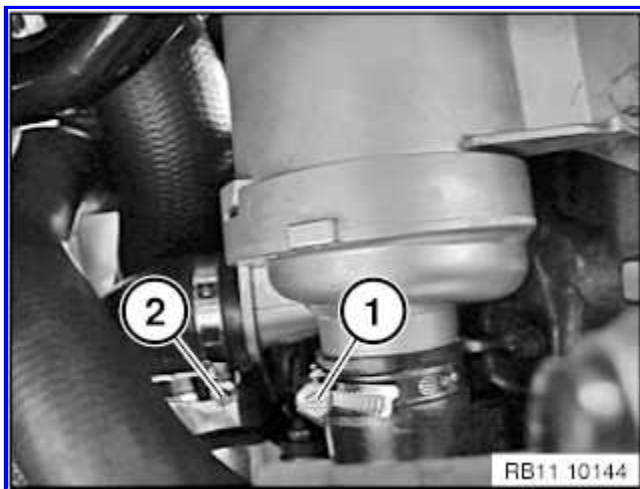


Release hose clamp (1 and 2).

Installation note:

Note installation hose clamps.

Tightening torque [11 53 5AZ](#).



Follow assembly instructions:

Installation note:

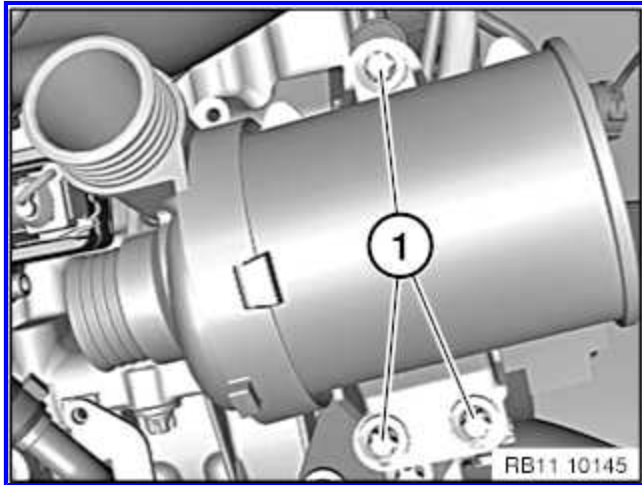
Hose clamps (1) must be installed in the centre of the marked area (see graphic).

Release screws (1).

Tightening torque [11 51 2AZ](#).

Installation note:

Replace aluminium screws.



Installation note:

If the electric coolant pump is reused, it must be rotated one turn due to the breakaway torque at the impellers.

Assemble engine.

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