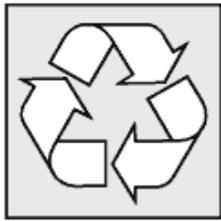


**Warning!**

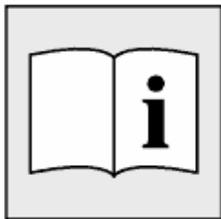
Danger of scalding!

Only carry out work on the cooling system after the engine has cooled down!

*Recycling*

Catch and dispose of drained coolant.

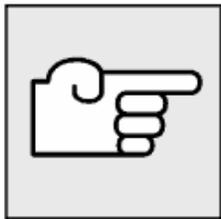
Observe country-specific waste-disposal regulations.

*Necessary preliminary tasks:*

- E85: Remove radiator cover
- E83: Remove intake duct
- Remove engine underbody protection
- Remove reinforcement plate

*Note:*

All illustrations feature the E85.

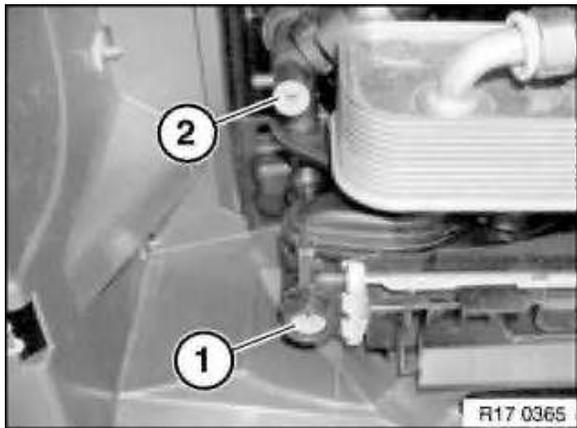
*Note:*

Follow instructions for working on cooling system .



### Draining coolant:

Open cap (1) on coolant expansion tank.



Open drain plug (1) on radiator at bottom.

Drain, catch and dispose off coolant.

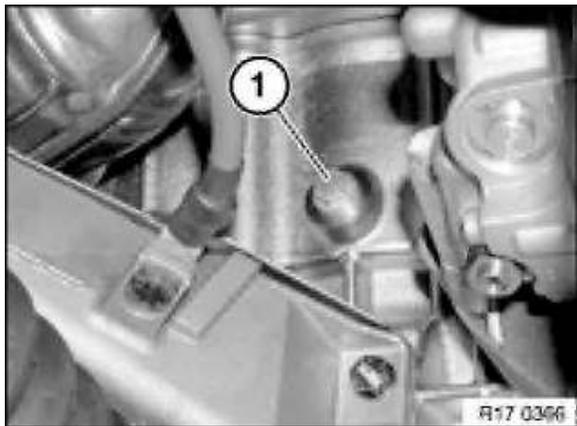
Open drain plug (2) on coolant expansion tank at bottom.

Drain, catch and dispose off coolant.

### Installation:

Replace sealing ring.

Tightening torque 17 11 2AZ .



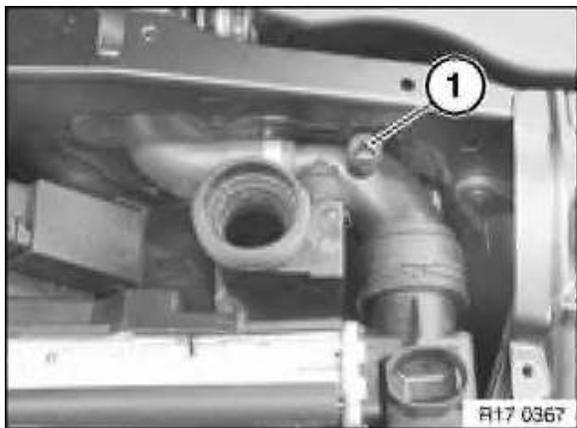
Open drain plug (1) on engine block.

Drain, catch and dispose off coolant.

### Installation:

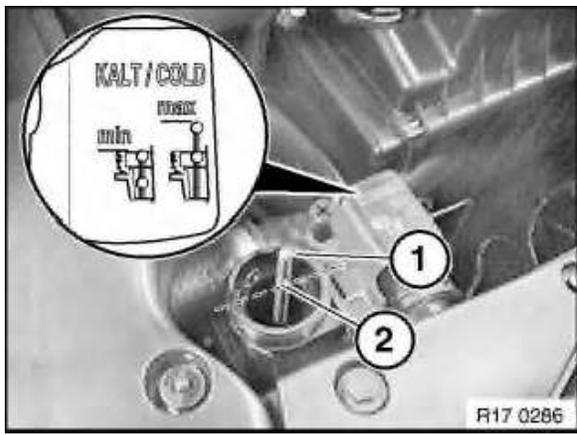
Replace sealing ring.

Tightening torque 11 11 5AZ .



### Adding coolant:

Open vent screw (1).



Before filling:

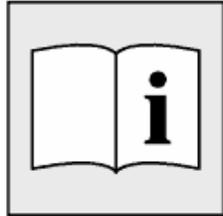
- Switch ignition on.
- Set heater control to maximum temperature.
- Set fan to low setting. This opens the heating valves.

Perform filling operation slowly.

Close vent screw when bubble-free coolant emerges. Fill coolant expansion tank to max. cold fill level. Marking (2) is then on a level with upper edge of coolant expansion tank.

*Note:*

Use only recommended coolant.



Vent cooling system and check for leaks.