

**REP-REP-RAF2517N55-1700039 Bleed cooling system and check for watertightness (N52T, N55)**

VIN: L975745

Vehicle: X' / F25 / OFF-ROAD VEHICLE / X3 35iX / N55 / USA / LL /  
AUTO / 2012 / 2System version:  
1.0.11

Data version: 2.30

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**Bleed cooling  
system and check  
for watertightness  
(N52T, N55)****Warning!**

Risk of scalding!

Open sealing cap only after engine  
has cooled down.**Important!**

Electric coolant pump!

**Important!****Lifetime coolant filling:**

Never reuse used coolant!

When replacing and removing components which rely on the corrosion protection effect of the coolant, it is essential to change the coolant. The cooling system must therefore be drained and refilled.

In the case of other removal work involving the draining of part quantities of coolant, replace these quantities which have been drained with new coolant.

**Only when refilling!**

Use [only recommended coolant](#).

[Observe](#) mixture ratio.

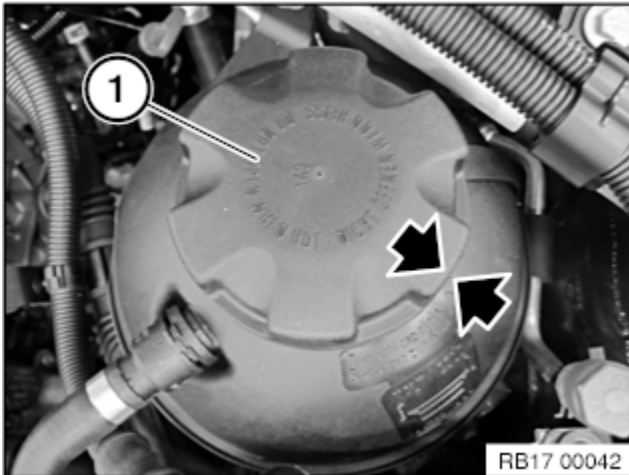
Perform filling operation slowly.

Adjust coolant level to maximum.

Close coolant expansion tank.

*Installation note:*

Close the sealing cap (1) until the arrows line up.



### Important!

The following bleeding procedure is necessary when a part is replaced in the cooling system or when the cooling system is refilled.



### Adding coolant:

#### *Note:*

Fill coolant expansion tank up to lower edge of filler neck with recommended [coolant](#).

Observe [mixture ratio](#).

Observe [filling capacities](#).

Close cap on expansion tank.

#### *Installation note:*

Have a cleaning cloth ready to catch escaping coolant.



### Bleed cooling system!

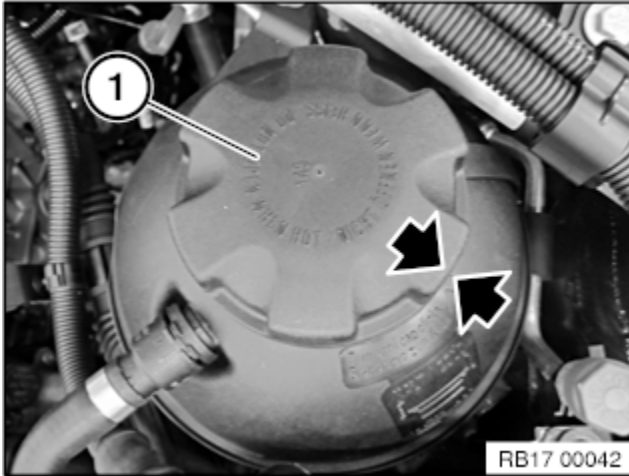
*Note:*

Do not open the coolant expansion tank cap during the bleeding procedure.

Switch on the low-beam headlights to perform the bleeding procedure. If the low-beam headlights are not switched on, the ignition (Terminal 15) will switch off automatically after a certain period of time and interrupt the bleeding procedure.

1. Connect battery charger.
2. Switch the ignition on.
3. Switch on low-beam headlight.
4. Set heating to maximum temperature. Take back blower to smallest stage.
5. Driving experience switch must not be set to ECO PRO!
6. Press accelerator pedal for 10 seconds to floor. **Engine** must **not** be started.
7. The bleeding procedure was started by pressing the accelerator pedal and takes approx. 12 min. (the electrical coolant pump was activated and switches off automatically after approx. 12 min).
8. Then adjust fluid level in the coolant expansion tank to maximum.
9. Check the coolant system for [leaks](#).
10. If the ventilation has to be performed again, deactivate DME completely (remove ignition key

for approx. 3 minutes). Then repeat from point 3.



Close coolant expansion tank.

*Installation note:*

Close the sealing cap (1) until the arrows line up.