

**Caution!**

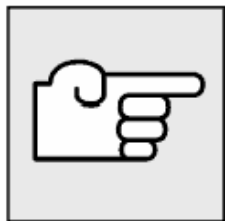
On vehicles with park heating, note additional bleeding routine,  
refer to 64 12 ...

**Warning!**

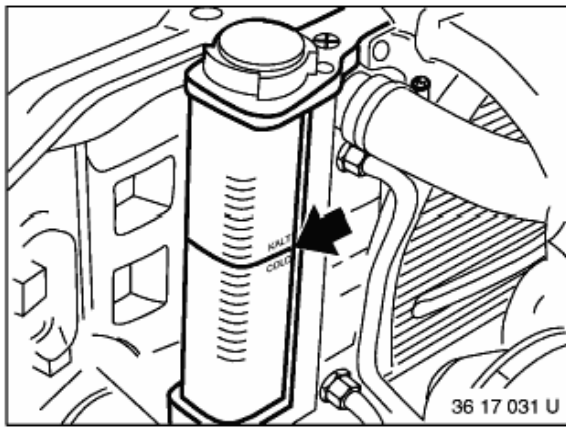
Danger of scalding!  
Only perform this work after engine has cooled down.



Fill cooling system,  
refer to 17 00 005.  
Check cooling system for leaks,  
refer to 17 00 009.



Open sealing cap. Set heater control to maximum temperature. Set blower to low level. This opens the heating valves and sets the auxiliary water pump in operation. Run engine and briefly press accelerator pedal three to four times (approx. 4500 to 5000 rpm) to flush engine cooling circuit. In doing so, do not run engine for longer than approx. 30 seconds; otherwise coolant will heat up and expand. If the coolant level drops in the expansion tank during this operation, top up expansion tank with coolant up to edge. Screw on sealing cap and warm up engine until thermostat opens.



### Transparent expansion tank

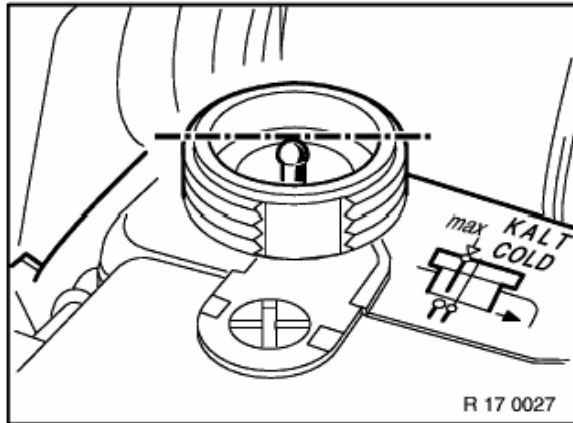
Allow engine to cool down before checking coolant level. Coolant temperature must not exceed 30 °C. If ambient temperature exceeds 30 °C, allow engine to cool down at least to ambient temperature.

Check coolant level, top up coolant if necessary until fluid level is in line with marking on expansion tank.

#### Note:

The tank mark indicates the fluid level at approx. 20 °C.

Use only recommended coolant, refer to BMW Operating Fluids MG 17.



### Black expansion tank

Allow engine to cool down before checking coolant level. Coolant temperature must not exceed 30 °C. If ambient temperature exceeds 30 °C, allow engine to cool down at least to ambient temperature.

Check coolant level, top up coolant if necessary until fluid level is in line with marking on expansion tank.

#### Note:

The tank mark indicates the fluid level at approx. 20 °C.

Use only recommended coolant, refer to BMW Operating Fluids MG 17.