

1700 Overview of Technical Data

Capacity of high-temperature coolant circuit G20/G21/G22/G23/G26/G42 mild hybrid technology		
	B57D30T2/O2 / B47B20O1/U1	
		7.7 l

Capacity of low-temperature coolant circuit G20/G21/22/23/G26/G42 mild hybrid technology		
	B57D30T2/O2 / B47D20O1/U1	
		1.3 l



Coolant level

**Overfill quantity of coolant (above the maximum mark)
in the high-temperature expansion tank**

+ 200 ml

**Overfill quantity of coolant (above the maximum
mark) in the low-temperature expansion tank (if
installed)**

+ 100 ml



Cooling system capacity G20/G21/G22/G23/G26/G28/G42**B47D2001**

7.0 l

Cooling system test pressure**Test pressure for cooling system (gauge pressure)**

1,5 bar

Opening pressure of coolant sealing cover**Pressure relief valve opens when the pressure exceeds the ambient pressure.**

min. 1,4 bar

Electric changeover valve must open at latest when the pressure is lower than the ambient pressure

max. 0,1 bar

Opening pressure of sealing cap / test pressure of high-temperature coolant circuit cooling system**Pressure relief valve opens when the pressure exceeds the ambient pressure.**

min. 1,4 bar

Electric changeover valve must open at latest when the pressure is lower than the ambient pressure.

max. 0,1 bar

Test pressure for cooling system (gauge pressure)

1,5 bar



Opening pressure of sealing cap of low-temperature coolant circuit

Pressure relief valve opens when the pressure exceeds the ambient pressure.

min. 1,4 bar

Electric changeover valve must open at latest when the pressure is lower than the ambient pressure

max. 0,1 bar

Test pressure for cooling system (gauge pressure)

1,5 bar

Test conditions for coolant level

Coolant must be cooled down

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1710 Overview of tightening torques

Fan cowl on radiator	
D6x20	6Nm
Intercooler to module carrier	
D6x20	6Nm
Radiator to module carrier	
D6x20	6Nm

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1711 Overview of tightening torques

Cooling module cover on holder		
D6X20	Tightening torque	7Nm
Fan cowl with electric fan on radiator		
TS6x20	Tightening torque	6,5Nm
Radiator on holder		
D6x20 screw	Tightening torque	6Nm

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1722 Overview of tightening torques

Transmission oil cooler line to transmission		
M8		19Nm
Transmission oil cooler to crankcase		
M6	Tightening torque	8Nm

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1761 Overview of tightening torques

Electric coolant pump for mild hybrid technology to the body		
Nut M6	Tightening torque	8Nm

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17 operating fluid overview

Expendable materials

BMW antifreeze and corrosion inhibitor G30-91 DEU	1500 ml, Can	83192211662
	60 l, Barrel	83192304076

Expendable materials

BMW antifreeze and corrosion inhibitor G30-91 Worldwide (except DEU, JPN, CHN, FIN, NOR, SWE, DNK, FRO, AUS)	1500 ml, Can	83512355294
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Expendable materials

BMW antifreeze and corrosion inhibitor G30-91 Worldwide (except DEU)	60 l, Barrel	83512355295
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Expendable materials

BMW antifreeze and corrosion inhibitor G48 DEU	1500 ml, Can	83192211191
	60 l, Barrel	83192304068
	205 l, Barrel	83192304069

Expendable materials

BMW antifreeze and corrosion inhibitor (i01) Worldwide	1 l, Can	83512355296
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Expendable materials

BMW antifreeze and corrosion inhibitor G48 Worldwide (except DEU, JPN, CHN, FIN, NOR, SWE, DNK, FRO, AUS)	1500 ml, Can	83512355290
	60 l, Barrel	83512355291
	205 l, Barrel	83512355293

Expendable materials

BMW antifreeze and corrosion inhibitor G48 FIN, NOR, SWE, DNK, FRO	1500 ml, Can	83192211914
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Expendable materials

BMW antifreeze and corrosion inhibitor G48 JPN	1500 ml, Can	83192211194
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Expendable materials

BMW antifreeze and corrosion inhibitor G48 OFF	1500 ml, Can	83192211913
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Expendable materials



Expendable materials

BMW antifreeze and corrosion inhibitorG48 CHN	1500 ml, Can	83192211195
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Expendable materials

BMW antifreeze and corrosion inhibitor HT-12 Worldwide	5 , Canister	83192466484
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Expendable materials

Technically suitable antifreeze and corrosion inhibitor Main group 17	
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