

1700 Overview of Technical Data

Coolant capacity		
B37C15/K/U1		
		6 l

Opening pressure of sealing cap / test pressure of 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

17 10 Radiator, expansion tank (B37, B38, B46, B47, B48)

Tightening Torques

	Type	Thread	Tightening specifications	Torque
1AZ Fan cowl on radiator	B37/B38/B46/B47/B48			8 Nm
2AZ Radiator to charge air cooler	B37/B38/B46/B47/B48			8 Nm
3AZ Expansion tank to body	B37/B38/B46/B47/B48	M6x20		9 Nm
4AZ Lid to expansion tank	B37/B38/B46/B47/B48			6 Nm
5AZ Fixture to lock support	B37/B38/B46/B47/B48	M6 nut		12 Nm
6AZ Fixture to lock support	B37/B38/B46/B47/B48	M6x20		12 Nm
7AZ Top connection on lock support	B37/B38/B46/B47/B48	M6x20		8 Nm
8AZ Lock support to spring strut dome/tension strut, vehicle battery	B37/B38/B46/B47/B48	M8		19 Nm
9AZ Cross connection to adapter of front axle support	B37/B38/B46/B47/B48			12 Nm
10AZ Cover on the spring strut dome / Cover of positive battery connection point / Partition wall engine compartment	B37/B38/B46/B47/B48			3 Nm
11AZ External radiator, front left, in wheel arch	B48 4WD	M6		8 Nm

1710 Overview of tightening torques

Charge air cooler to coolant radiator			
M6x12		Tightening torque	6Nm
Cross connection to front axle support			
M6		Tightening torque	12Nm

1711 Overview of tightening torques

Coolant expansion tank to body		
M6x20	Tightening torque	9Nm
Fan cowl on radiator		
M6X12	Tightening torque	6Nm

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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