

23-1 00 Transmission in general

Tightening Torques

	Type	Thread	Tightening specifications	Torque
1AZ Transmission to engine		M12		66 Nm
		M8		19 Nm
2AZ Tightening torque, filler / drain plug				43±4 Nm

2300 Overview of Technical Data

Transmission oil capacity	
	Transmission oil GS6-58/59BG/DG
	1,9 l

Transmission oil capacity	
	Transmission oil GS6-60DA, GS6X60DA/Owner's Handbook
	2,2 l

2300 Overview of tightening torques

Holder for underbody panelling		
		3Nm
Oil drain plug / oil filler plug		
Hexagon socket	Tightening torque	43Nm
Transmission to engine		
M8	Tightening torque	19Nm
Transmission to oil sump		
M8		19Nm
Transmission to oil sump		
M8	Tightening torque	19Nm

23 11 Housing with lid

Tightening Torques

	Type	Thread	Tightening specifications	Torque
16AZ Retaining plate to intermediate housing	265 / Sport	M6		9 Nm
17AZ Retaining plates of bearings on housing	S5DÂ 310Z / S5D 320Z / S5D 200G / S5D 250G	M6		10 Nm
18AZ Retaining plate to housing	S5D 320Z SMG	M6		5,5 Nm

2311 Overview of tightening torques

Guide bush/clutch release bearing		
M6	Tightening torque	8Nm

23 21 Transmission shafts

Tightening Torques

	Type	Thread	Tightening specifications	Torque
1AZ Output flange	S5D 200G / S5D 250G / S5D260Z / S5DÂ 310Z / S6S 420G		Collar nut installed with screw locking Pretension Release Tighten down	190 Nm 120 Nm
	S5D 280Z / S5D 320Z		Collar nut installed with screw locking Pretension Release Tighten down	170 Nm 130 Nm
	S5D 390Z		Collar nut installed with screw locking Pretension Release Tighten down	200 Nm 145 Nm
	GS6-17BG / GS6-37BZ		Collar nut installed with screw locking Pretension Release Tighten down	170 Nm 120 Nm
	GS6-45BZ		Collar nut installed with screw locking Pretension Release Tighten down	200 Nm 150 Nm
	GS6-53DZ/BZ		Collar nut installed with screw locking Pretension Release Tighten down	200 Nm 140 Nm
	GS7S47BG		Collar nut installed with screw locking	200 Nm
2AZ Gear to countershaft	265 / Sport	M10		60 Nm
3AZ Adapter shaft to the output	GS6X45BZ			68 Nm

23 31 Interior Shift Components

Tightening Torques

	Type	Thread	Tightening specification	Torque
1AZ Shift arms to transmission case	S5D 310Z			45 Nm
2AZ Sealing cap for locking sleeves of gearshift rods	S6S 420G	M6		10 Nm
3AZ Retaining screw, shift actuator / selector shaft	S5D 320Z / S6S37BZ / S6S53BZ SMG	M6		10 Nm

23-1 00 Transmission in general

Tightening Torques

	Type	Thread	Tightening specifications	Torque
1AZ Transmission to engine		M12		66 Nm
		M8		19 Nm
2AZ Tightening torque, filler / drain plug				43 $\hat{A}$ $\pm$ 4 Nm

23 operating fluid overview

Brake fluid and hydraulic fluid

Hydraulic fluid CHF 11 S	1 l, Can	83290429576
Transmission oil		
Manual gearbox oil MTF LT-5	1 l, Can	83222156969
	20 l, Barrel	83222167666
Transmission oil		
Manual gearbox oil MTF 3	1 l, Bottle	83222455210
Transmission oil		
Manual gearbox oil MTF LT-2 * TU = Trade Unit. TU numbers cannot be ordered! For invoicing purposes only.	1 l, Can	83222339219
	5 l, Can	83220309031
	1000 ml, TU*	83220396705
Transmission oil		
Manual gearbox oil MTF LT-3 * TU = Trade Unit. TU numbers cannot be ordered! For invoicing purposes only.	1 l, Can	83222339221
	5 l, Can	83227533818
	1000 ml, TU*	83220396706
Transmission oil		
Manual gearbox oil MTF LT-4 * TU = Trade Unit. TU numbers cannot be ordered! For invoicing purposes only.	1 l, Can	83222339223
	5 l, Can	83220421925
	1000 ml, TU*	83220430275
Transmission oil		
Manual gearbox oil MTF 2 * TU = Trade Unit. TU numbers cannot be ordered! For invoicing purposes only.	1 l, Can	83222344589
	20 l, Barrel	83220403247
	1000 ml, TU*	83220403673
Transmission oil		
Manual gearbox oil MTF 1	1 l	81222330384

Manual gearbox oil with 1000 ml, TU* * TU = Trade Unit. TU numbers cannot be ordered! For invoicing purposes only.	1000 ml, TU*	812229401225
Transmission oil		
Technically suitable manual gearbox oil		
Main group 23		