

1214 Overview of tightening torques

Holder on end cover and mounting bracket		
M6X16	Tightening torque	8Nm

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1223 Overview of tightening torques

Glow elements to cylinder head		
Glow element	Tightening torque	13Nm

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1231 Overview of tightening torques

Alternator to component carrier			
M10x75	Tightening torque	38Nm	
M10x125	Tightening torque	38Nm	
M10x90	Tightening torque	38Nm	
Battery positive lead on the starter motor generator			
M8	Tightening torque	19Nm	
Belt tensioner to alternator/starter generator			
M8X30	Tightening torque	28Nm	
Positive battery cable to the alternator			
M8	Tightening torque	19Nm	



1232 Overview of tightening torques

Carbon brushes to alternator

Screw	Tightening torque	1.75Nm
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Carbon brushes to alternator

Screw	Tightening torque	1.75Nm
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Housing cover to alternator

Nuts	Tightening torque	4.6Nm
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1236 Overview of tightening torques

High-voltage connector to electric drive unit		
M8x46	Tightening torque	19Nm

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1241 Overview of tightening torques

Special tool 2 365 488 to engine			
M8x60		Tightening torque	19Nm
Starter motor to engine			
M8X60		Tightening torque	19Nm
Starter motor to transmission			
M8x60			19Nm

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1242 Overview of tightening torques

Battery positive lead to battery positive terminal		
M8	Tightening torque	19Nm
Battery positive lead to starter		
M8	Tightening torque	13,5Nm
Ground strap to rear axle differential		
M6x20	Tightening torque	8Nm
Positive battery cable to power distribution box		
Flange nutM8	Tightening torque	15Nm
Positive battery cable to safety battery terminal		
Flange nutM8	Tightening torque	15Nm



1251 Overview of tightening torques

Wiring harness section on engine		
TS5x20	Tightening torque	3,5Nm
Wiring harness section to cylinder head cover		
TS5x20	Tightening torque	3,6Nm
Wiring harness section to manifold		
TS5x20	Tightening torque	3,6Nm

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1252 Overview of tightening torques

Battery positive lead to starter		
M8		13Nm
Bracket on cylinder head cover		
	Tightening torque	5Nm
Grounding cable/wiring harness section to transmission		
BM6	Tightening torque	8Nm

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1261 Overview of tightening torques

Oil level sensor to oil sump		
M6	Jointing torque	2Nm
	Tightening torque	8Nm

Oil level sensor to oil sump		
M6 hexagon nut	Jointing torque	2Nm
	Tightening torque	8,5Nm

Oil pressure sensor on crankcase		
Sensor	Tightening torque	16,5Nm

Oil pressure switch to crankcase		
Sensor Replace oil pressure switch.	Tightening torque	22Nm



1290 Overview of tightening torques

Control unit holder	
M6	Tightening torque 8Nm

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12 operating fluid overview

Expendable materials

Cable strap including holder for edges	,	61139200225
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Expendable materials

Cable strap including holder for bore holes	,	61136915981
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Transmission oil

Technically compatible oils for electric machine transmission	
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[Main group 12](#)

Expendable materials

Non-woven abrasives 3M-07904		45176141 (BASF)
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