

2006 MINI Cooper S

2002-05 ACCESSORIES & EQUIPMENT General Electrical System - Tightening Torques - Cooper (1.6L) R50/W10 & Cooper S

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General Electrical System - Tightening Torques - Cooper (1.6L) R50/W10 & Cooper S

CONNECTORS, TERMINALS, FUSE BOX

61 13 PLUG CONNECTIONS

PLUG CONNECTIONS - TIGHTENING TORQUES - (1AZ - 7AZ)

	Type	thread	tightening specification	Measure
1AZ Underbonnet fusebox retaining bolts	R50/R53			5 N.m.
2AZ Earth connection to left hand strut	R50/R53			9 N.m.
3AZ Earth connection to engine support	R50	M8		22 N.m.
4AZ Battery cable to underbonnet fusebox	R50/R53			22 N.m.
5AZ Passenger compartment fusebox	R50/R53			6 N.m.
6AZ Battery cables to fuseable link terminals - nuts	R53			13 N.m.
7AZ Fuse to fuseable link terminal (upper) nut	R53	M8		15 N.m.

BATTERY/VAPOR SEPARATOR

61 21 BATTERY WITH TERMINAL

BATTERY WITH TERMINAL - TIGHTENING TORQUES - (1AZ - 4AZ)

	Type	Thread	Tightening specification	Measure
1AZ Positive/negative battery terminals	R50 / R52 / R53	M6		5 N.m.
2AZ Upper retaining band/retaining bracket	R50 / R52 / R53	M6		6 N.m.
3AZ Mountings/battery container	R50 / R52			8 N.m.
4AZ Battery negative lead to bulkhead	R50 / R52	M8		19 N.m.

SWITCH

61 31 SWITCH

SWITCH - TIGHTENING TORQUES - (1AZ)

	Type	thread	tightening specification	Measure
1AZ Reverse lamp switch	R50/R53			25 N.m.

ECUS, MODULES

61 35 CONTROL UNITS, MODULES

CONTROL UNITS, MODULES - TIGHTENING TORQUES - (1AZ - 4AZ)

			Tightening	
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	Type	Thread	specification	Measure
1AZ Control unit of electronic immobilizer	R50 / R52 / R53			2.8 N.m.
2AZ Mounting to body	R50 / R52 / R53			9 N.m.
3AZ Horn to mounting	R50 / R52 / R53			4 N.m.
4AZ Control unit for headlight vertical aim adjustment	R50 / R53			4 N.m.

WINDSHIELD WIPERS**61 61 WINDSCREEN WIPERS****WINDSCREEN WIPERS - TIGHTENING TORQUES - (1AZ - 3AZ)**

	Type	Thread	Tightening specification	Measure
1AZ Windscreen wiper arm	R50 / R53 / R52	M8		18 N.m.
2AZ Mounting of windscreen wiper motor to bulkhead	R50 / R53 / R52			10 N.m.
3AZ Fluid reservoir	R50 / R53 / R52			4 N.m.

REAR SCREEN WIPER**61 62 TAILGATE WINDOW WIPER****TAILGATE WINDOW WIPER - TIGHTENING TORQUES - (1AZ - 2AZ)**

	Type	Thread	Tightening specification	Measure
1AZ Wiper arm	R50, R53 up to 07/2004	M8		13 N.m.
	R50, R53 from 07/2004	M8		11 N.m.
2AZ Rear wiper motor	R50 / R53	M6 x 30		10 N.m.