

PRODEMAND**2009 MINI Cooper 1.6L Eng S**

REAR AXLE - TIGHTENING TORQUES -- COOPER & COOPER S (R56)

REAR SUB-FRAME > 33 31 REAR AXLE CARRIER

REAR AXLE CARRIER TIGHTENING TORQUES

	Type	Thread	Tightening specification	Measure
1AZ Rear axle carrier to body, inner/outer	R56	M12x1.5		100 Nm

CONTROL ARMS AND STRUTS > 33 32 CONTROL ARMS AND STRUTS

CONTROL ARMS AND STRUTS TIGHTENING TORQUES

	Type	Thread	Tightening specification	Measure
1AZ Control arm to trailing arm	R56	Screw M12 x 1.5		100 Nm
2AZ Control arm to rear axle carrier	R56	Screw M12 x 1.5		100 Nm
3AZ Control arm to rear axle carrier	R56	Hexagon nut M12 x 1.5	Replace nut	100 Nm
4AZ Trailing arm bearing to trailing arm	R56	Screw M14 x 1.5		165 Nm
5AZ Holder, trailing arm to body	R56	M12x1.5 screw		100 Nm

SHOCK ABSORBER > 33 52 SHOCK ABSORBERS

SHOCK ABSORBERS TIGHTENING TORQUES

	Type	Thread	Tightening specification	Measure
1AZ Shock absorber to trailing arm	R56	M14x1.5		165 Nm
2AZ Nut and locknut/self-locking nut	R56	M10x1.5	Replace screws	56 Nm
3AZ Support bearing to damper piston rod	R56	M10x1	Replace nut	30 Nm

STABILIZER BAR > 33 55 STABILIZER BAR

STABILIZER BAR TIGHTENING TORQUES

	Type	Thread	Tightening specification	Measure
1AZ Stabilizer link to stabilizer	R56	M10 x 1.5	Replace nut	56 Nm
2AZ Stabilizer link to trailing arm	R56	M10 x 1.5	Replace nut	56 Nm
3AZ Retaining bracket, stabilizer bar to rear axle support	R56	M8		19 Nm