



# TOW-TRUST TOWBARS

Tow-Trust Towbars Technical Support

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## TOWBAR SAFETY CHECK SERVICE GUIDE & SCHEDULE

Towbars are safety critical items and as such inspections and periodic maintenance should be carried out to ensure their continued safe use. Tow-Trust Towbars recommend the below checks are carried out annually or every 1000km (which ever comes first) for passenger vehicles and Quarterly for Commercial Vehicles. Owners / Operators should also carry out pre-towing visual checks before each towing journey. If any support or advise is required at any point, please contact Tow-Trust Towbars Technical Support at the earliest opportunity.

Vehicle Registration		Vehicle Make / Model		Owner / Operator	
Towbar Part Number		Towbar Batch Number		Job Number	
Towing Capacity		Vehicle Milage		Date	

Pre-Towing Checks To Be Completed Before Every Towing Journey	✓	✗
Ensure there is no movement in the towball and correct Pins and 'R' Clips are fitted in using a Ball & Pin Coupling		
If a detachable system is fitted check that the detachable neck is engaged fully, checking that the indicator window is green and ensure that it is locked. Please refer to the ACS detachable system fitting instructions which can be found at <a href="http://www.tow-trust.co.uk">www.tow-trust.co.uk</a>		
Ensure the break away cable is attached to the specific fixing point on the towbar		
Ensure a visual check of the towbar is carried out, including all welds and mounting points		
Ensure the lighting functions are working correctly		
Annual / 1000 Km / Quarterly Safety & Maintenance Inspection Checks	✓	✗
Check the towbar installation against the fitting instructions to ensure components are correctly installed. The towbar fitting instructions can be found at <a href="http://www.tow-trust.co.uk">www.tow-trust.co.uk</a>		
Check the towbar assembly for any possible wear, corrosion, or damage		
Check the condition of the vehicle chassis in the vicinity of the towbar mounting points		
Check the towbar assembly and all fixings, including bolt torque settings (see torque settings below)		
Check the operation of any detachable mechanism or locking device where present		
Check the towbar paintwork for chips, scratches, rust or cracks		
Check the trailer lighting and auxiliary circuits for functionality and safe connections		
Issue Found	Action Required	Completed Y/N

Tow Trust Bolt Torque Settings Nm			
Bolt Size	Torque (Nm)	Bolt Size	Torque (Nm)
M6 x 1 (8.8)	13 Nm	M14 x 1.5 (8.8)	150 Nm
M8 x 1.25 (8.8)	25 Nm	M16 X 2 (8.8)	215 Nm
M10 x 1.5 (8.8)	55 Nm	M8 x 1.25 (10.9)	40 Nm
M10 x 1.25 (8.8)	60 Nm	M10 x 1.5 (10.9)	70 Nm
M12 x 1.75 (8.8)	100 Nm	M10 x 1.25 (10.9)	70 Nm
M12 x 1.5 (8.8)	110 Nm	M12 x 1.75 (10.9)	130 Nm
M12 x 1.25 (8.8)	110 Nm	M12 x 1.5 (10.9)	130 Nm
M14 x 2 (8.8)	150 Nm	M12 x 1.25 (10.9)	130 Nm

Visual Checks / Maintenance & Service carried out by:		
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