

**THESE GENERAL NOTES ARE COMMON TO ALL TOWBAR FITTING.**

1. Check the box contents and read the fitting instructions thoroughly.
2. Remove any dirt or underseal from the Towbar fixing points. If there is corrosion or accident damage consult your Towbar specialist before fitting.
3. Always fit shake proof washers.
4. There will be variations from vehicle to vehicle so do not fully tighten the bolts until instructed and observe correct torque settings – see chart below.
5. Where spacing tubes are supplied they may need trimming to length. Always ensure the tubes are just short.
6. Always seal chassis openings and any drill holes to prevent possible water ingress.
7. Check all nuts and bolts periodically.
8. **Never** use drop plates as raising plates.
9. All of our Towbars now incorporate the facility for securing the breakaway cable /secondary coupling within the Towbar.
10. All tow bars designed after November 2012 – the secondary coupling point is tested @ 2D up to 15kN. (REG. 55 Standard).
11. Where a bumper cut is required guidance measurements are issued. However, due to model variations some may need 'trimming to suit'. Care should be taken with this.
12. Always check the vehicle VIN Plate to ensure the vehicle is a Towing vehicle, it is advisable to make the vehicle owner aware of the Towing capacity displayed on the VIN Plate. **Never** exceed the vehicle manufacturers recommended towing limits.
13. After the Towbar is installed always check you have a minimum of 78mm Towball clearance, this is from the vehicle body to the centre of the Towball.
14. Always remove the paint from the Towball if using a stabiliser hitch.

**TORQUE SETTINGS**

Size	Torque
M6 x 1 (8.8)	13 Nm
M8 x 1.25 (8.8)	25 Nm
M10 x 1.5 (8.8)	55 Nm
M10 x 1.25 (8.8)	60 Nm
M12 x 1.75 (8.8)	100 Nm
M12 x 1.5 (8.8)	110 Nm
M12 x 1.25 (8.8)	110 Nm
M14 x 2 (8.8)	150 Nm

Size	Torque
M14 x 1.5 (8.8)	150 Nm
M16 X 2 (8.8)	215 Nm
M8 x 1.25 (10.9)	40 Nm
M10 x 1.5 (10.9)	70 Nm
M10 x 1.25 (10.9)	70 Nm
M12 x 1.75 (10.9)	130 Nm
M12 x 1.5 (10.9)	130 Nm
M12 x 1.25 (10.9)	130 Nm

**CORRECT TORQUE SETTINGS MUST BE USED AND CHECKED REGULARLY****IMPORTANT INFORMATION:**

- All Tow-Trust Towbars that are 94/20 EC or REG. 55 European Type Approved have been tested with a minimum 25mm packer.
- Vehicles first registered after August 1<sup>st</sup> 1998 must use a Towball conforming to A50 – X dimensions and of a suitable D and S value.
- All main components are pre-treated in Tri Cat 24E prior to being finished in PPG 6000 e-coat to give them the highest quality automotive approved paint finish (1200 hour salt test approved).

**MAINTENANCE**

Periodic maintenance must be carried out and should include checking:-

All fixing points and torque settings.

All Towbar components for any movement from original position and ensure it is rigid, square and secure.

Chassis for corrosion around Towbar mounting points.

Possible wear on Towball.

Towbar paintwork for chips, scratches etc.

**Any use outside of the recommended towing limits for the vehicle or failure to carry out maintenance checks will invalidate warranty.**

**FITTING REPORT**

<b>DATE:</b>		<b>MAKE &amp; MODEL OF VEHICLE:</b>	
<b>VEHICLE REGISTRATION NO:</b>		<b>PART NO:</b>	<b>BATCH NO:</b>
<b>FUSE LOCATION</b>			<b>INVOICE NUMBER</b>
<b>COMMENTS:</b>			