

Fitting Instructions



SKU

PRODUCT

T7C707

**TAG Heavy Duty Towbar to suit
Mitsubishi Triton (05/2015 - on)**



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instructions

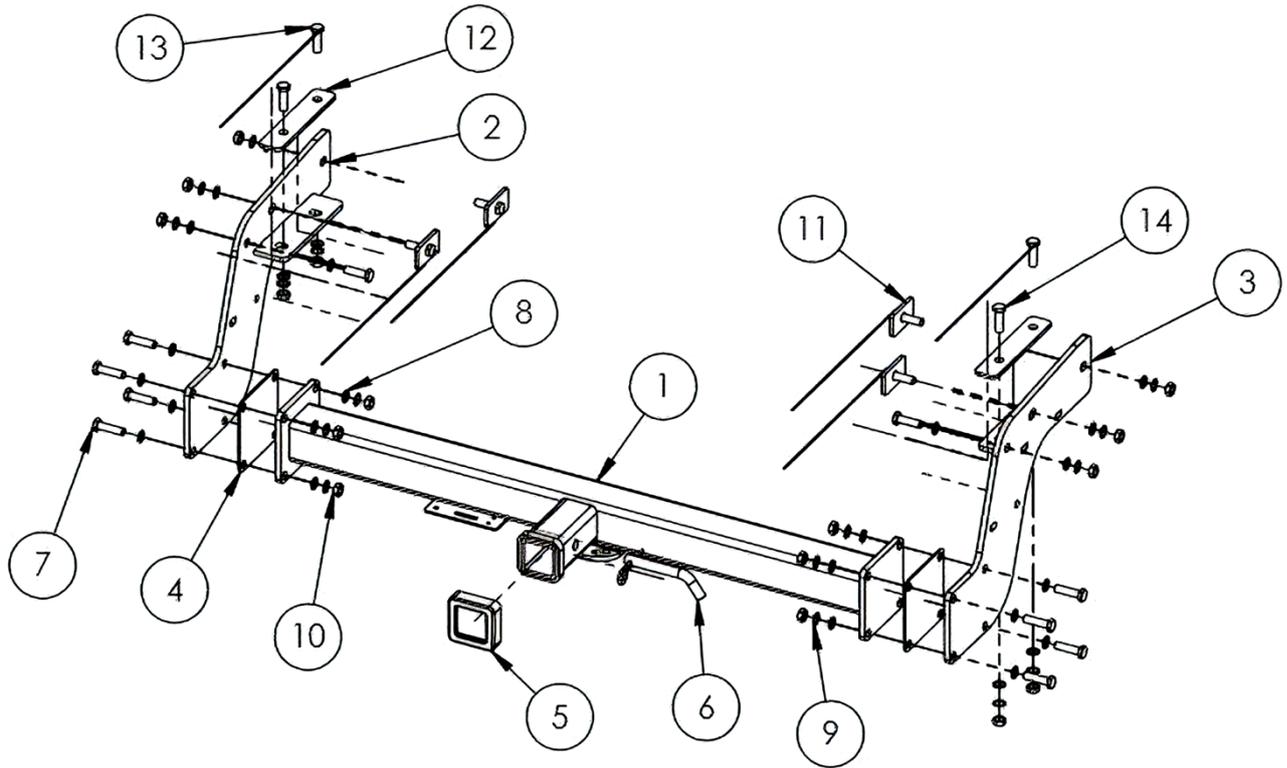
SPECIFICATIONS

- Towbar Class: Standard Duty
- Towing Capacity: 3100kg

IN THIS GUIDE

- Fitment Instructions
- Torque Settings
- Warranty Info

Towbar Fitting Instructions



Tools Required: M12 Spanners, Sockets, Torque wrench

Kit Contents					
Item No.	Description	Qty	Item No.	Description	Qty
1.	Towbar Centre Section	1	10.	M12x1.25 Nut	18
2.	End Plate PS Subassembly	1	11.	M12x1.25x40 & Plate on Wire	4
3.	End Plate DS Subassembly	1	12.	Top Plate	2
4.	End Plate Spacer 3mm	2	13.	M12x1.25x40 on wire	2
5.	TAG Hitch Collar Cover	1	14.	M12x1.25x40 Bolt	4
6.	Class 4 Pin & Clip	1	...	D-Shackle	2
7.	M12x1.25x45 Bolt	8	...	Door Sticker	1
8.	M12 Flat Washer	28	...	Spare Compliance Sticker	1
9.	M12 Shake Proof Washer	18

Step-By-Step Instructions

Warning:

- This product is for towing purposes only and must only be loaded as shown in your vehicle Owner's Manual.
- This towbar is NOT to be drilled, cut, welded, or modified in any way.
- Check behind chassis rail and body panels before drilling to ensure no hazards are present
- All load ratings shown are under the assumption your trailer has a functional braking system installed
- When installed in positions other than the one depicted in these instructions the Tow Ball Mount may interfere or obstruct certain features of your vehicle (tailgate opening, Chassis clearance, etc.)

General:

- Before fitting this towbar read fitting instructions and check installation hardware is correct.
- Check that the towbar is suitable for the vehicle and be wary of any changes to the vehicle design that may conflict with the fitting of this towbar. (Tray, Canopy, Suspension etc.)
- After drilling, blow any filings clear, remove any swarf and treat exposed metal with a rust inhibitor.
- The high tensile fasteners supplied with this product are an integral feature to achieving the specified rating, if replacement is required ensure that fasteners of the same grade (8.8) & quality are used. Contact an authorised TAG distributor or the TAG fitment centre - (07) 3208 3022 - if further information is required.

Towbar Maintenance and Care:

It is recommended, when not in use, the Tow Ball Mount assembly and class 4 Pin and Clip is stored inside the car away from moisture to prevent standing water from forming rust. Inspect to ensure, on regular basis, fasteners are torqued to the specifications below and in good condition.

**Ensure that the fitting instructions are read and understood prior to fitment
Place these instructions in the vehicle's glovebox after installation is completed**

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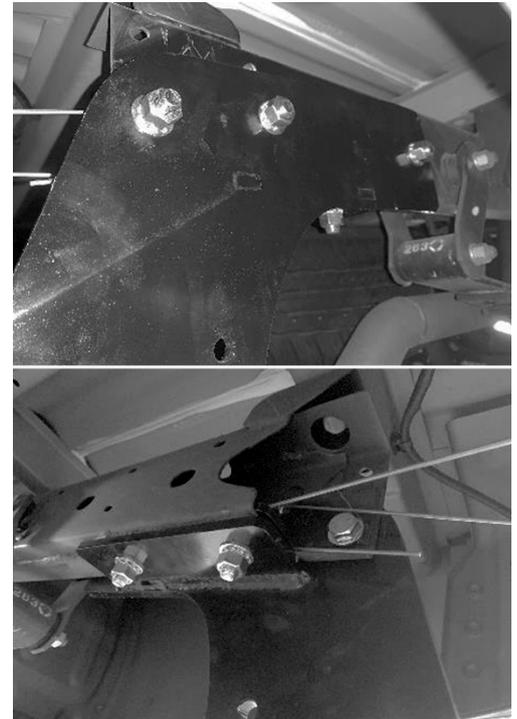
Step 1. Remove Rear Step

- a. Disconnect any wiring attached to the rear step.
- b. Remove 3x bolts securing the rear step to the chassis rails on each side, with 2 people supporting the rear step remove the rear step from the vehicle. The 6 bolts removed can be discarded.
- c. Undo 2x bolts on the rear step brackets on each side and remove and discard of the end section of the brackets. Keep these bolts as they will be reused.
- d. Carefully set rear step aside.



Step 2. Attach Towbar End Plates

- a. Loosely secure both towbar end plates to the chassis.
 - Using 2x M12x1.25x40 Bolts/plate on wire inside each chassis rail through the forwardmost horizontal holes, Secure with Nuts, flat and Shake Proof Washers on the outside of each chassis rail
 - Using 1x M12x1.25x40 Bolts and flat washer inside each chassis rail through the rearmost horizontal holes. Secure with Flat washers, Shake Proof washers and Nuts.
 - Using 1x top plate, 1x M12x1.25x40 Bolt on wire and 1x M12x1.25x40 bolt downwards through the vertical holes in each chassis rail. Secure with Flat Washers, Shake Proof Washers and Nuts.
- b. Tighten the bolts to hold the end plates against the chassis rails. **DO NOT tighten to torque spec.**



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Step 3. Determine if Spacers are required

- a. Position the Towbar centre section between the two end plates.
 - If there is more than approx. 3mm clearance between the parts on each side, then spacers will be required.
 - If the clearance is less than this, spacers will not be required between the parts.



Step 4. Secure Towbar Centre Section and Torque Bolts

- a. Using 4x M12x45 Bolts, Shake Proof Washers and Bolts, 8x M12 Flat Washers, and 1x Spacer (if required) per side. Loosely secure the towbar centre section between the end plates. Ensure centre section is right side up with the hitch receiver below the main cross-bar.
- b. When all hardware is in place, tighten **all** bolts (including those into the chassis rails) to the torque specified.

Torque Spec: M12 = 100NM



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Step 5. Refit the Rear Step

- With 2 people hold the rear step up to the vehicle. Using the 4x bolts set aside from step 1, loosely fasten the rear step to the towbar through the remaining open slots as shown.
- When all hardware is in place, ensure the rear step is centred and at correct height on the vehicle and torque **all** bolts to specified torque specified.
- Ensure all wiring that was disconnected is reconnected.

Torque Spec: M12 = 100NM



Step 6. Apply compliance Label

- Apply one of the compliance labels to the pillar of the driver's door. Leave the remaining label & the fitting instructions in the vehicle handbook.



Torque table for bolt tightening

Metric GRADE 8.8	UNC GRADE 8
M6 – 12.5 Nm	3/8 – 50 Nm
M8 – 30 Nm	1/2 - 125 Nm
M10 – 60 Nm	5/8 – 245 Nm
M12 – 103 Nm	
M14 – 167 Nm	
M16 – 270 Nm	

TAG Warranty Statement

SWD warrants your TAG Towbar for its full product life under the following conditions:

- You can show proof of purchase.
- The towbar has been correctly installed by a suitably qualified installer.
- The towbar has not been modified or abused in any way and has only been used for the purpose intended.
- The towbar was not fitted second hand to your vehicle.

The extent of this warranty includes materials and workmanship used in the manufacture of the towbar and is to the equivalent value of current, full replacement cost.

Nothing stated or implied in this warranty limits in any way, the statutory rights that you may have.

To make a claim visit the original installer in the first instance or, if you are unable to or are not satisfied with their help, then contact us direct by phone on 1300 669122 or visit www.swd.com.au