

Fitting Instructions



SKU

PRODUCT

T7T729

**TAG Heavy Duty Towbar to suit
Toyota Prado (09/2002 - on)**



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instructions

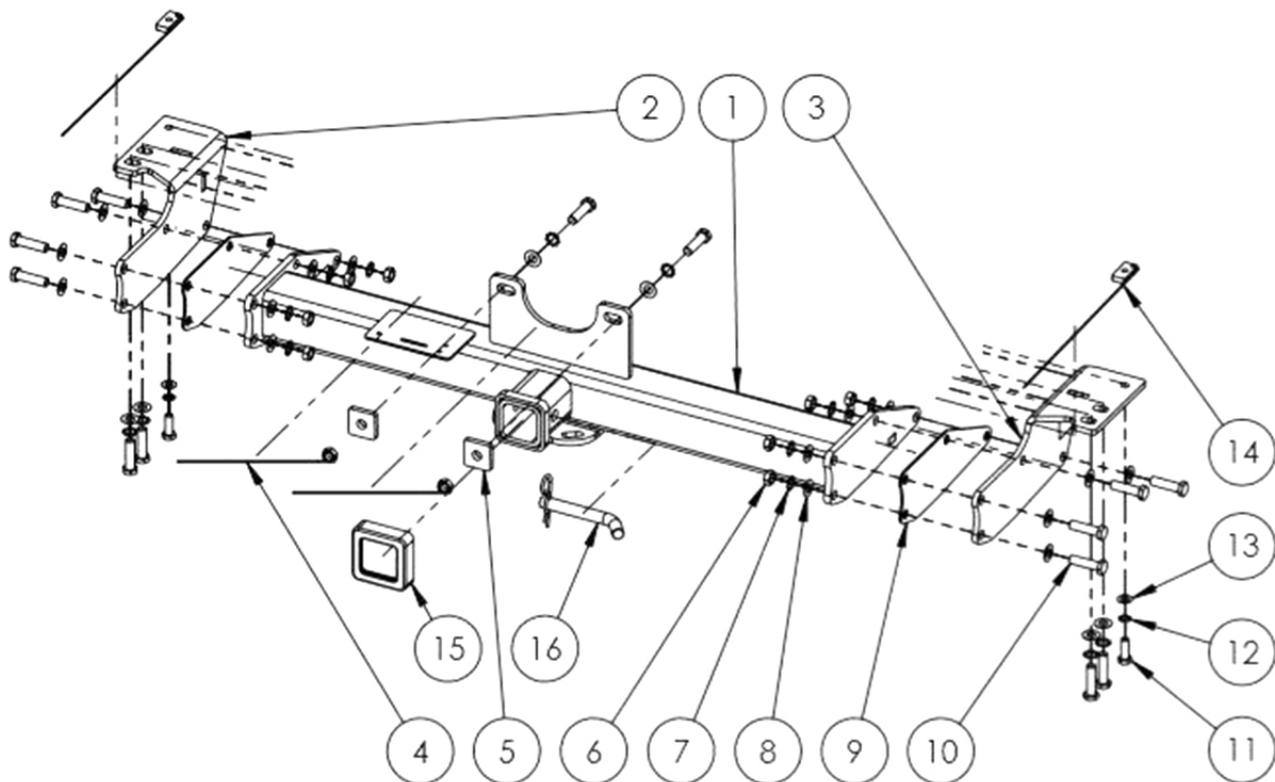
SPECIFICATIONS

- Towbar Class: Heavy Duty
- Towing Capacity: 3000kg

IN THIS GUIDE

- Fitment Instructions
- Torque Settings
- Warranty Info

Towbar Fitting Instructions



Tools Required: Spanners, Sockets, Torque Wrench, Drill

Kit Contents					
Item No.	Description	Qty	Item No.	Description	Qty
1.	Towbar Centre Section	1	10.	M12x1.25x45 Bolt	14
2.	End Plate PS	1	11.	M10x1.5x30 Bolt	2
3.	End Plate DS	1	12.	M10 Shake Proof Washer	2
4.	M12x1.25 Nut on Wire	2	13.	M10 Flat Washer	2
5.	Top Plate	2	14.	M10x1.5 Nut Plate on Wire	2
6.	M12x1.25 Nut	8	15.	Hitch Collar Cover	1
7.	M12 Shake Proof Washer	14	16.	Pin & Clip	1
8.	M12 Flat Washer	22	...	D-Shackles	2
9.	Spacer 3mm	2	...	Compliance Sticker	1

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

Towbar Fitting Instructions



Step 1. Fit Towbar End Plate

1. Loosely secure both towbar end plates to the chassis.

Using 2x M12 Bolt, Flat and Shake Proof Washers into the captive nuts in the bottom of each chassis rail, through the rear most 2 holes in the end plate

2. Tighten the bolts to hold the end plates against the chassis rails. **DO NOT tighten to torque spec.**



Step 2. Determine if Spacers are Required

1. Position the Towbar centre section between the two end plates.
2. 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.



Towbar Fitting Instructions



Step 3. Secure Towbar Centre Section

1. Secure Towbar Centre section to the end plates:
 - a. Using 4x M12x45 Bolts, Shake Proof Washers, M12 Nuts, 8x M12 Flat Washers, and 1x Spacer (if required) per side.
 - b. Loosely secure the towbar centre section between the end plates. Ensure centre section is right side up with the chain mount below the hitch receiver
2. Secure centre section to the chassis:
 - a. Using 2x M12 Bolts, Flat and Shake Proof Washers, 2x Top Plates (1 on each bolt) between the towbar and chassis and 2x nut on M12 Nut on wire (inside the chassis)
 - b. When all hardware is in place, tighten all bolts (including those into the chassis rails) to the torque specified.
3. Finally Drill the 3rd hole in the bottom of the chassis rail:
 - a. Drill through the forward most mounting point in the end plate, drill a pilot hole and then finish with an 11mm drill bit. Fix using 1x M10 Bolt, Flat and Shake Proof Washer on each side, into the Nut Plate on Wire (feed inside the chassis rail).
4. Tighten the M10 bolts to the torque specified.



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Step 4. Apply Door Sticker

- a) Apply Towbar info label to the inside of the driver's side door Jamb.



Torque table for bolt tightening

Diameter	Pitch	Grade	Torque	Unit
M8	1.25	8.8	29	Nm
M10	1.25	8.8	57	Nm
M10	1.50	8.8	44	Nm
M12	1.25	8.8	101	Nm
M12	1.50	8.8	97	Nm
M12	1.75	8.8	77	Nm
M14	2.00	8.8	122	Nm
M16	2.00	8.8	190	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