

# Fitting Instructions



SKU

**T4G859**

PRODUCT

**TAG Heavy Duty Towbar for Haval H6 (02/2021 - on)**

SPECIFICATIONS

- Towbar Class: CL 4 Heavy Duty
- Towing Capacity: 2000kg
- Tow ball Weight: 200kg
- Approx. Fitment Time: 90 Minutes



Scan for latest version of these instructions

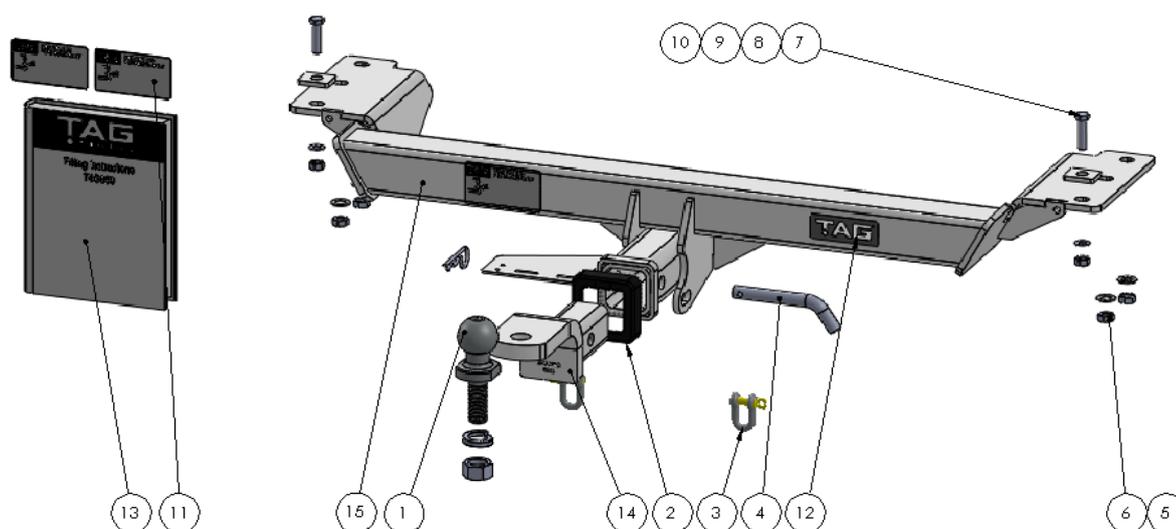
TOOLS REQUIRED

- Spanners
- Sockets
- Air Saw or similar.
- Trim Removal Tool
- Torque Wrench

IN THIS GUIDE

- Fitment Instructions
- Torque Settings
- Warranty Info

# Towbar Assembly



ITEM NO.	DESCRIPTION	QTY.	ITEM NO.	DESCRIPTION	QTY.
1	50mm TAG Tow Ball	1	9	M10 Flat Washer	2
2	Cover Hitch Receiver Collar TAG	1	10	M10 x 1.25 Nut	2
3	D-Shackle - 10mm. 1000kg,	2	11	TAG Compliance Sticker	3
4	Class 4 Pin & Clip	1	12	TAG STICKER - 100 X 40	1
5	M12 Flat Washer	4	13	Fitting Instruction	1
6	M12 x 1.5 Nut	4	14	TAG Tow Ball Mount - L4120	1
7	M10 x 50 x 1.25 Bolt	2	15	Welded Main Bar Assembly	1
8	Top Plate 40 x 32 x 6	2			

# Important Information



## 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 burrs 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 center - (07) 3208 3022 - if further information is required.

## Towbar Maintenance and Care:

It is recommended, when not in use, that 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, Following the fitment place these instructions in the vehicle's glovebox after installation is completed.

*Metric Bolt Torque Settings*

Diameter	Pitch	Grade	Torque	Unit		Diameter	Pitch	Grade	Torque	Unit
M8	1.25	8.8	29	Nm		M12	1.25	10.9	125	Nm
M10	1.25	8.8	57	Nm		M12	1.50	10.9	105	Nm
M10	1.50	8.8	44	Nm		M14	1.25	10.9	195	Nm
M12	1.25	8.8	101	Nm		M14	1.50	10.9	165	Nm
M12	1.50	8.8	97	Nm		M16	1.25	10.9	295	Nm
M12	1.75	8.8	77	Nm		M16	1.50	10.9	250	Nm
M14	2.00	8.8	122	Nm		50mm Tow Ball	N/A	N/A	300	Nm
M16	2.00	8.8	190	Nm		70mm Tow Ball	N/A	N/A	750	Nm

## Step 1: Remove Rear Bumper

- a. Lift the tailgate.
- b. Remove 2x screw covers from the taillight assembly & remove hex bolts. Pull the taillight assembly rearward & disconnect wiring harness.
- c. Remove 2x hex bolts from the rubber door stops.
- d. **Note: For GT models the rubber doorstop is located above the taillight assembly and doesn't require removal. Instead, remove the 2x socket head screws per side. Proceed to next step.**
- e. Remove the lower socket head screw.
- f. Remove 3x Phillips screws from the wheel arch.
- g. Remove 1x hex bolt from behind the wheel arch.
- h. Carefully remove the wheel arch flare/ molding to expose 1x Phillips screw. Begin at the rear passenger door & gently dislodge the clips from the body. Remove screw.
- i. Repeat steps a-g on opposite side.
- j. Remove 2x hex bolts from the rear bottom edge of the bumper.
- k. Retain all fasteners.
- l. Beginning at each wheel arch gently unclip bumper from body and remove.
- m. Disconnect the bumper harness from the top of the crash bar on PS.
- n. Set bumper aside.
- o. Remove the crash bar via 4x M8 nuts per side.
- p. Removal of the exhaust from the 3x rear-most rubber hangers will also aid fitment but is not essential.



## Step 2: Fit Towbar

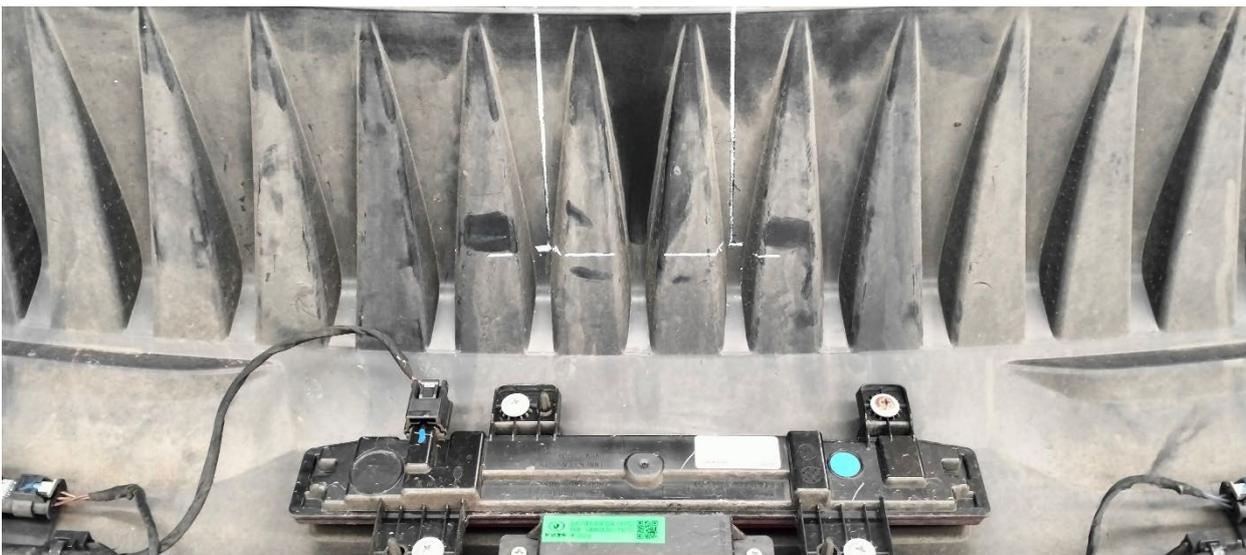
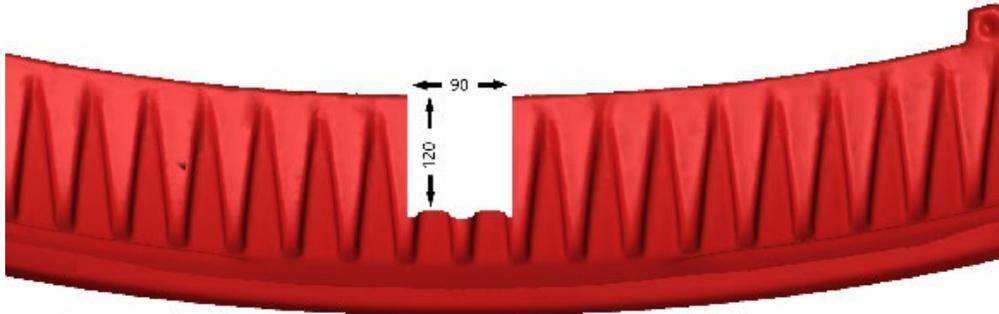
- Lift the bar up to the chassis and over the chassis studs. Loosely fasten with M12x 1.5 nuts with flat washers.
- Insert M10x 1.25x 40 bolt with flat plate into chassis cavity and rearmost hole. Fasten loosely with M10x 1.25 nut and flat washer on underside of endplate.
- Beginning at the chassis, tighten all fasteners to the torque specification on page 2.
- Refit the crash bar and exhaust if removed.



## Step 3: Cut Bumper

**Note:** The towbar installer is ultimately responsible for the location & quality of the bumper cut. To avoid mistakes, please use the following measurements as a guide only. We suggest making small incremental cuts and regularly test fit the bumper to ensure an accurate and tidy appearance. The additional application of rubber pinch-weld around the cut edge ensures a neat & tidy look.

- Establish the centre of the bumper.
- Mark the cut-out 90mm wide x 120mm deep from the bottom lip of the bumper. See diagram.
- Cut the bumper using an air hacksaw or other suitable cutting device.
- De-burr all cut edges.
- Refit bumper in reverse of steps 1a-l.



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## Step 4: Apply Compliance Label

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



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## Trailer Plug Wiring

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To aid in the fitment of the trailer plug wiring harness please use the table below to identify the correct OEM wire colours. **Please note, this is indicative only as vehicle wiring colours may vary. Taken from vehicle built 03/2021.**

Vehicle Plug Wiring	
LHS Taillight Harness	
Function	Wire Colour
Left	Red/ Yellow
Tail	Red/ White
Brake	Green/Black
Earth	Black
RHS Taillight Harness	
Function	Colour
Right	Blue

# 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](http://www.swd.com.au).