

Fitting Instructions



SKU

T7K784

PRODUCT

**TAG Heavy Duty Towbar
for KIA Sorrento (03/2020 – 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

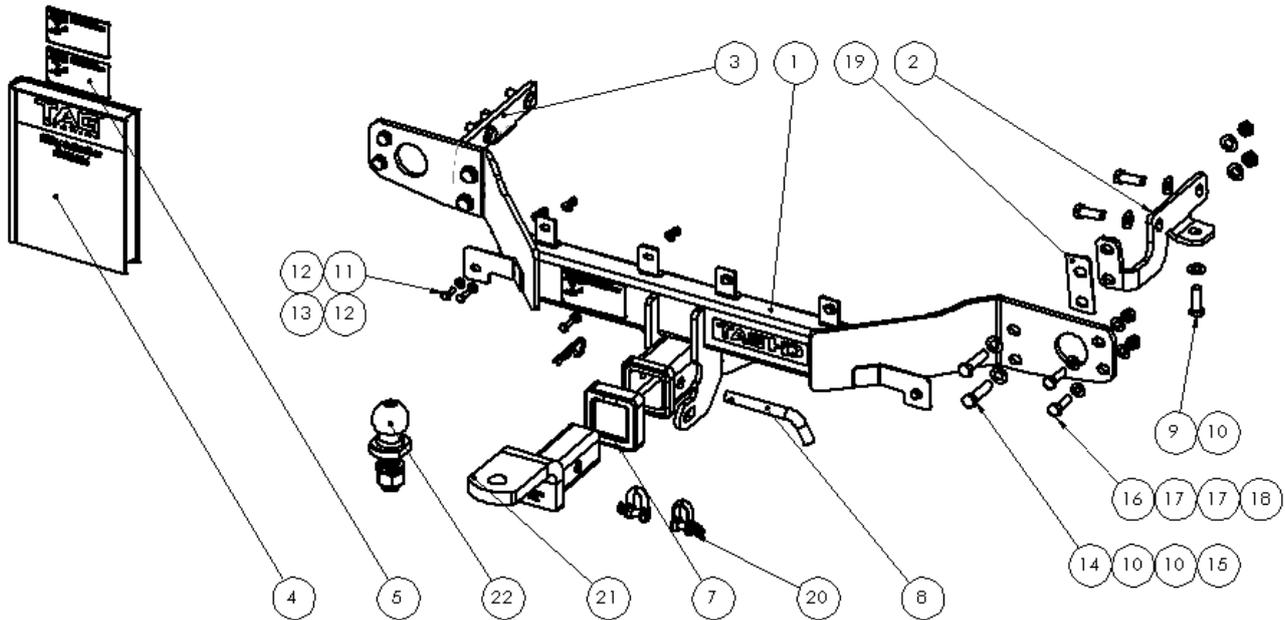
TOOLS REQUIRED

- 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	Weld Assembly T7K784	1	12	M6 Flat Washer	12
2	Chassis Bracket - DS	1	13	M6 x 1.0 Nut	6
3	Chassis Bracket - PS	1	14	M12 x 1.25 x 50 Hex Bolt	4
4	Fitting Instruction	1	15	M12 x 1.25 Nut	4
5	TAG Compliance Sticker	3	16	M10 x 1.25 x 35 Bolt	4
6	TAG HD Sticker 150 x 33mm	1	17	M10 Flat Washer	8
7	TAG Hitch Cover	1	18	M10 X 1.25 PITCH NUT HEX DIN 9	4
8	Class 4 Pin & Clip	1	19	Body Mount Bracket Spacer	2
9	M12 x 1.25 x 35 Bolt	6	20	D-Shackle - 10mm. 1000kg	2
10	M12 Flat Washer	14	21	TAG Tow Ball Mount - L4120	1
11	M6 x 1 x 20 Set Screw	6	22	50mm TAG Tow Ball with Flat edge	1

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

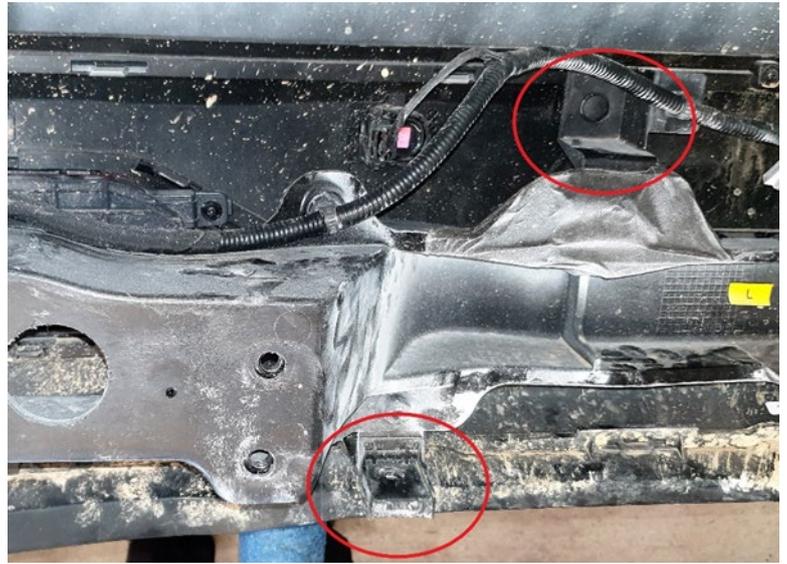
Diameter	Pitch	Grade	Torque	Unit		Diameter	Pitch	Grade	Torque	Unit
M8	1.25	8.8	29	Nm		M12	1.25	10.9	125	Nm
M10	1.25	8.8	57	Nm		M12	1.50	10.9	105	Nm
M10	1.50	8.8	44	Nm		M14	1.25	10.9	195	Nm
M12	1.25	8.8	101	Nm		M14	1.50	10.9	165	Nm
M12	1.50	8.8	97	Nm		M16	1.25	10.9	295	Nm
M12	1.75	8.8	77	Nm		M16	1.50	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. Lower spare wheel & remove.
- b. Remove mudflap via 2x phillips head screws & 1x plastic scrivet.
- c. Remove 2x plastic scrivets from the inner guard liner and 1x hex head screw.
- d. Remove plastic scrivets from the lower edge of the bumper rearward of the wheel arch.
- e. Repeat steps a-c on opposite side.
- f. Disconnect sensor harness behind PS inner guard liner.
- g. Open the boot and remove the taillight assemblies via 2x phillips head screws located behind the covers. (Lights are removed rearward. See picture).
- h. Remove the 2x plastic scrivets from below the light recess.
- i. From under the vehicle remove & discard 2x M10 bolts from the forward face of the chassis flange. Repeat on opposite side.
- j. Beginning at the wheel arch, carefully peel the bumper outward and along towards the taillight recess. Repeat on opposite side. Some force may be required to separate the bumper from the clips below the boot opening.
- k. Set bumper aside for further dismantling.
- l. Release the exhaust from the 3 rear-most hangers and support if necessary.
- m. Locate the join in the body at the inside lower edge of each chassis (see picture). Using pliers or similar, gently bend the join outward. (see picture)
- n. Remove the tailgate kick sensor from the crash bar via 2x screws. Discard the screws.
- o. Disconnect the reverse sensor harness from the crash bar.
- p. Release the crash bar from the bumper via 2x top scrivets & 3x bottom scrivets. Discard 1x scrivet.
- q. ***Take note of the orientation** of the (4) four small plastic L-shaped brackets which attach the bumper to the crash bar. Discard the screws and the lower centre bracket.



Installation Instructions



DS & PS Body Feature. Bend toward outside of vehicle.

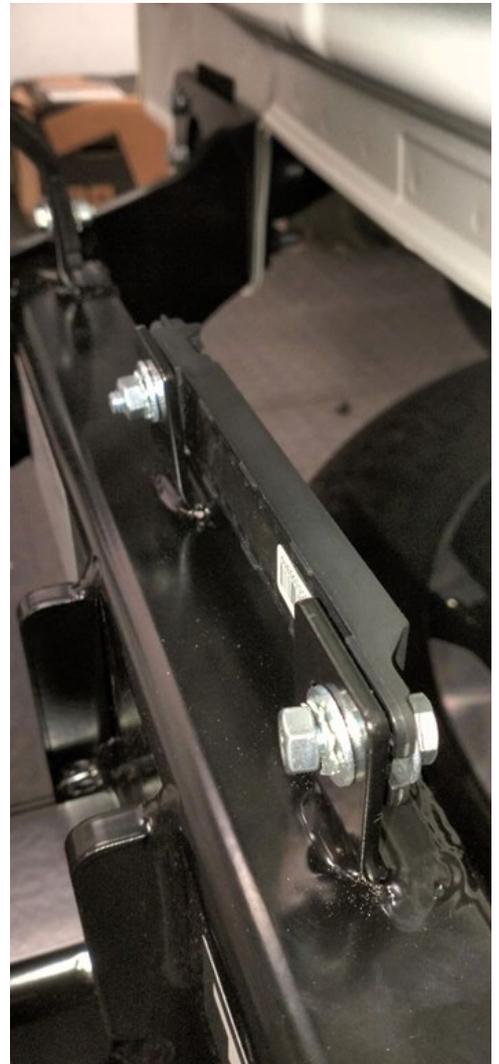


Installation Instructions



Step 2: Fit Towbar

- a. Loosely fasten the auxiliary chassis brackets to the base and insides of each chassis rail with M12x35 bolts, flat & shakeproof washers.
- b. Lift main bar up to rear of body and loosely fasten with M10 bolts, washers & nuts in outer most holes.
- c. Insert M12x50 bolts into inner most holes & align them with auxiliary chassis brackets. Fasten loose with flat & shakeproof washers & nuts.
- d. Tighten bolts in auxiliary chassis brackets followed by bolts on rear flange.
- e. **Using an M8 drill bit, carefully enlarge the screw holes of the 4x plastic bumper mounts and tailgate kick sensor.**
- f. Attach the tailgate kick sensor to the 2x top centre tabs of the towbar with M6 fasteners. **Plug should face toward DS.**
- g. Loosely attach the plastic L-shaped brackets from the crash bar onto the remaining tabs in the ***same orientation as original** with M6 fasteners.



MQ4 PE 11/2023-on Plastic Bumper mounts.
Take note of orientation when removing them
from the crash bar.

Step 3: Cut Bumper

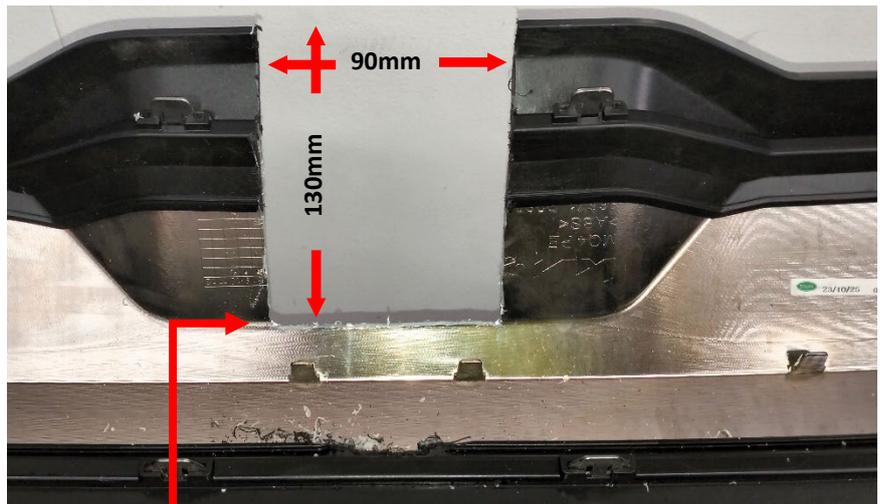
Note: The towbar installer is ultimately responsible for the location & quality of the bumper cut. To avoid mistakes, please use the following measurements as a guide only. We suggest making small incremental cuts and regularly test fit the bumper to ensure an accurate and tidy appearance. The additional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

- Establish the centre of the bumper.
- For MQ4 03/2020-09/2023.** Mark the cut-out 90mm wide x 115mm deep from the bottom lip of the bumper. See
- For MQ4 PE 10/23-onwards.** Mark the cut-out 90mm wide x 130mm deep from the bottom lip of the bumper. **(Alternatively use the 1st contour in the bottom centre contour as a guide).**
- 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.

MQ4 Model
03/2020 - 09/2023



MQ4 PE Model
10/2023-on



Contour line.

Installation Instructions



Step 4: Complete Towbar & Apply Spare Compliance Label

- a. Attach TAG Hitch cover with rubber mallet carefully to prevent breaking.
- b. Attach Tow ball to Ball Mount and slide into receiver. Secure with Pull pin and Clip if you are going to tow straight away. Alternatively, secure the Ball Mount in a safe place inside your vehicle.
- c. 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.



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.