

# Fitting Instructions



## SKU

**T4P825**

## PRODUCT

**TAG Heavy Duty Towbar  
for Land Rover Defender SUV  
(01/2020 - on)**

## SPECIFICATIONS

- Towbar Class: CL 4 Heavy Duty
- Towing Capacity: 3500kg
- Tow ball Weight: 350kg
- Approx. Fitment Time: 2hrs



Scan for latest  
version of these  
instructions

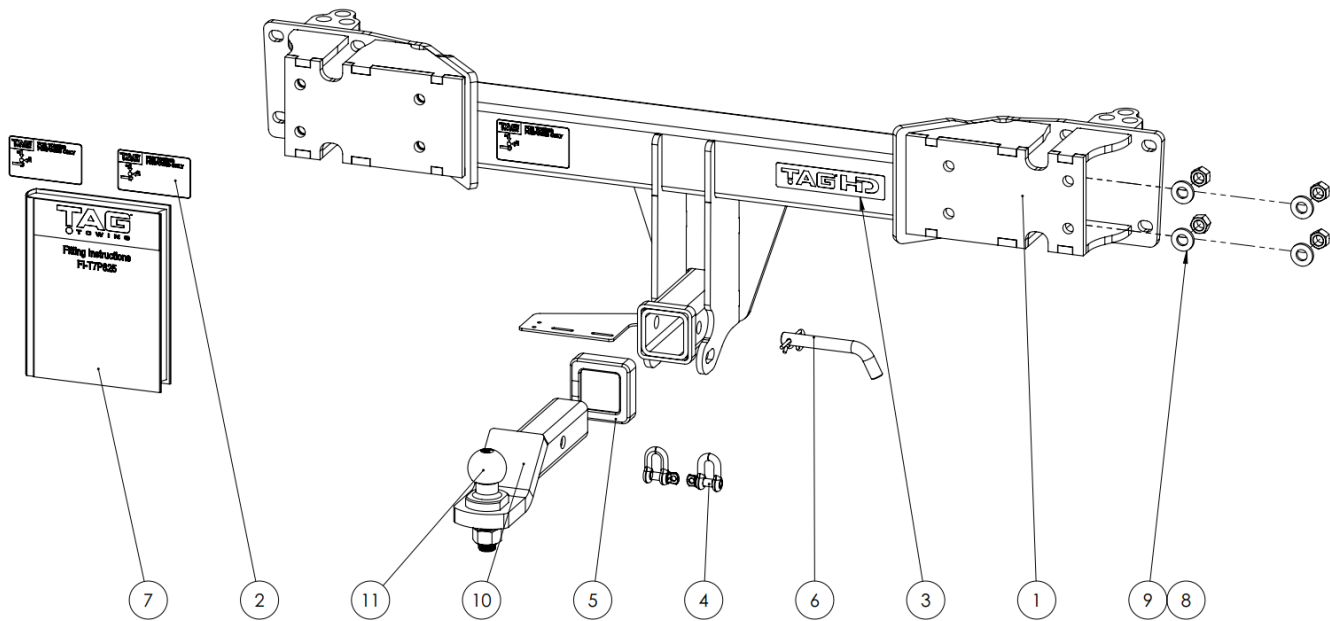
## TOOLS REQUIRED

- 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	T4P825 Weld Assembly - Pronto BOM	1	7	T4P825 Fitting Instruction	1
2	TAG Compliance Labels	3	8	M14 X 2.0 PITCH NUT	8
3	TAG HD Sticker	1	9	BM14 FLAT WASHER	8
4	D-Shackle - 10mm. 1000kg	2	10	L4045 Tow ball Mount	1
5	TAG Hitch Cover	1	11	50mm TAG Tow Ball	1
6	Class 4 Pin & Clip	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*

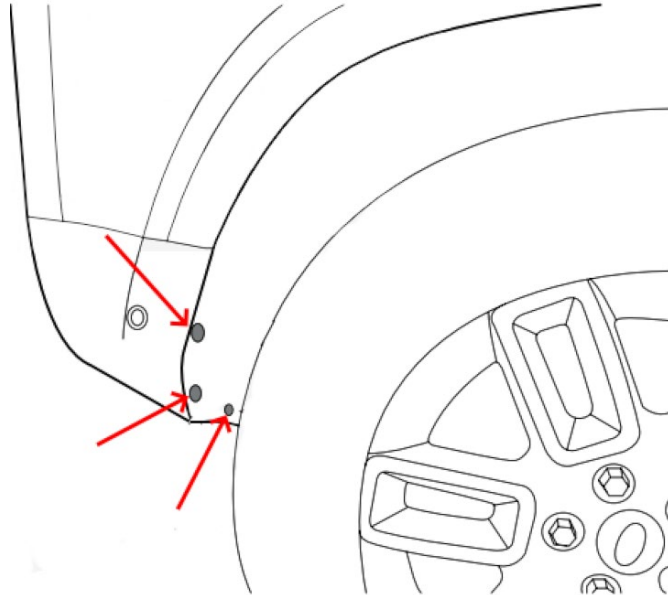
Diameter	Pitch	Grade	Torque	Unit		Diameter	Pitch	Grade	Torque	Unit
M8	1.25	8.8	29	Nm		M12	1.25	10.9	125	Nm
M10	1.25	8.8	57	Nm		M12	1.50	10.9	105	Nm
M10	1.50	8.8	44	Nm		M14	1.25	10.9	195	Nm
M12	1.25	8.8	101	Nm		M14	1.50	10.9	218	Nm
M12	1.50	8.8	97	Nm		M16	1.25	10.9	295	Nm
M12	1.75	8.8	77	Nm		M16	1.50	10.9	250	Nm
M14	2.00	8.8	218	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

# Installation Instructions

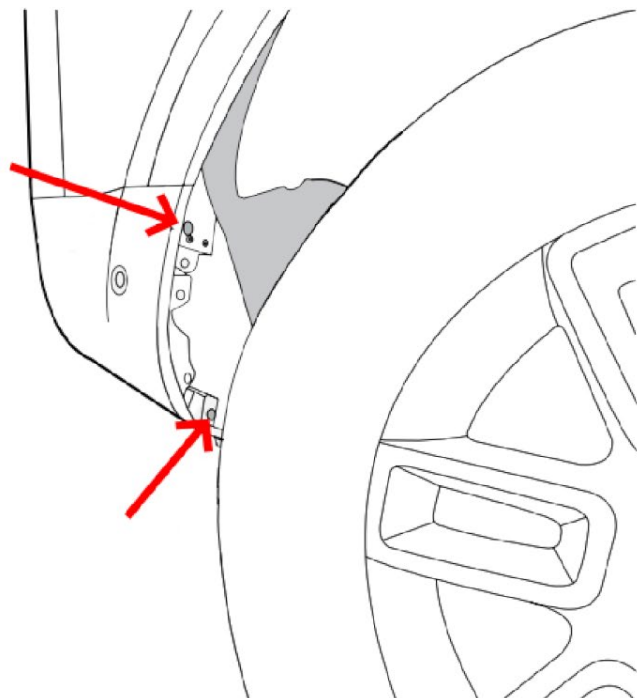
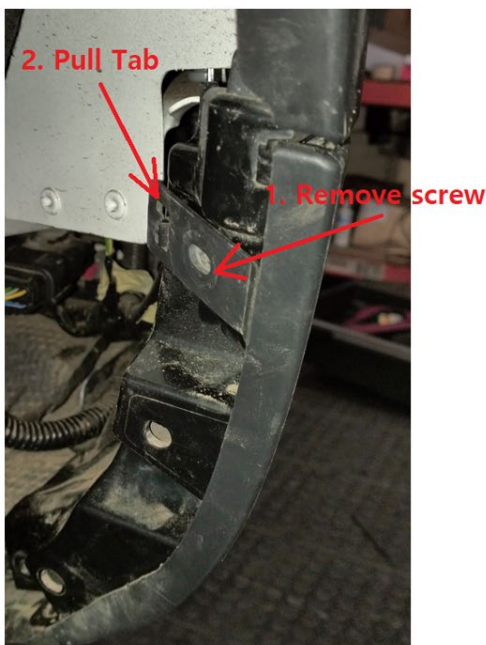


## Step 1: Remove Rear Bumper & Crash Bar

1. Open the taigate.
2. In the LHS rear wheel arch, remove 3x Scrivets with a trim tool.



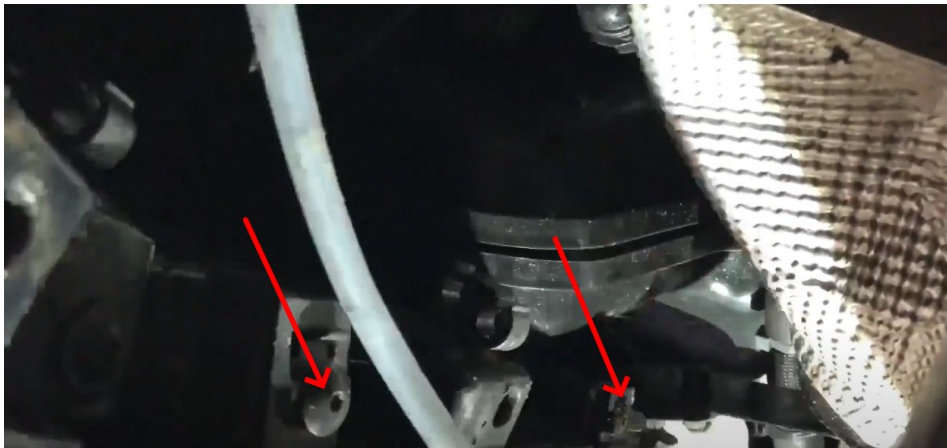
3. Fold back the arch liner to reveal 2x Phillips head screws and remove.
4. Pull the tab from its clip.



# Installation Instructions



5. Repeat steps 2-4 on the RHS side.
6. Release Fuel Cap breather pipe.
7. Remove 2x Torx screws & release tab.



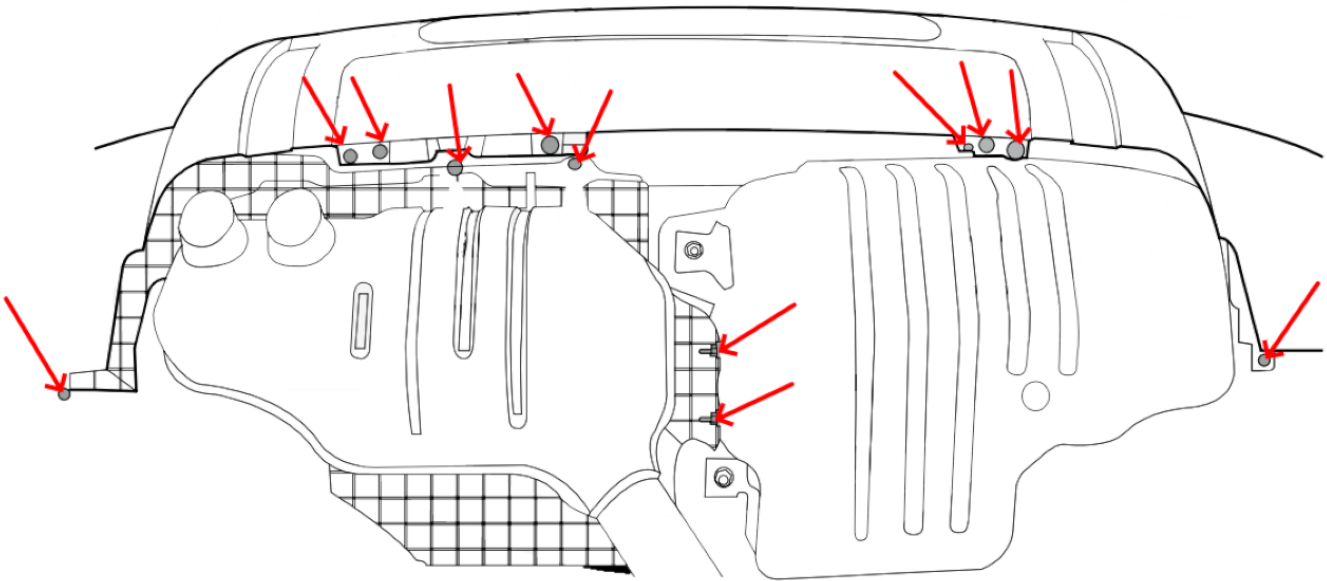
8. Carefully pop-out the bumper corners on both sides of the vehicle.



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9. Underneath the rear of the vehicle, remove 4x bolts/nuts.
10. Remove 8x Phillips head screws.



11. On the passengers side, disconnect the rear bumper harness connectors.



12. With a trim tool remove covers for the tow hooks (if fitted).
13. Using the tow hook holes as handles, carefully pull down and outwards to dislodge and remove the bumper. Set the bumper aside. (Before removing the bumper, double check that all relevant bolts and screws have been removed. **(Note: Some force may be required to dislodge the bumper).**)



# Installation Instructions

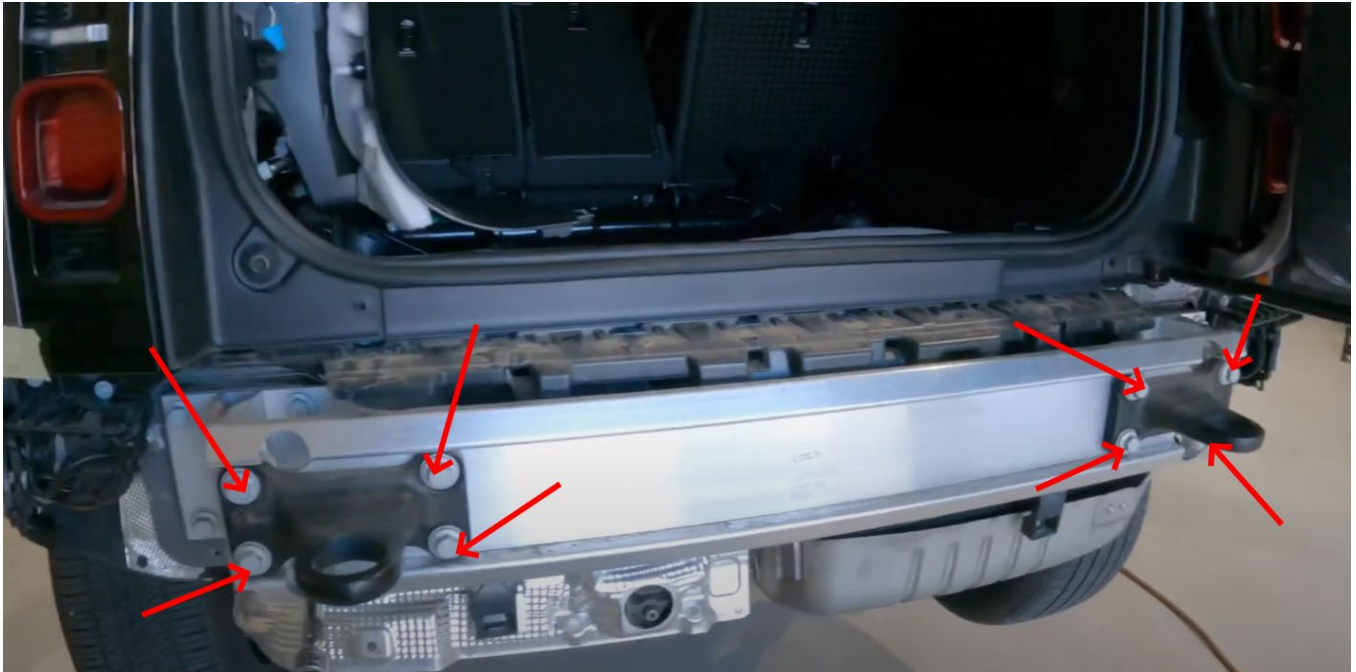


14. **NOTE:** The rear camera washer pipe may not be accessible while the bumper is on, if so, you will have to disconnect the pipe once the bumper is removed. Make sure not to pull the bumper away until the pipe has been disconnected.

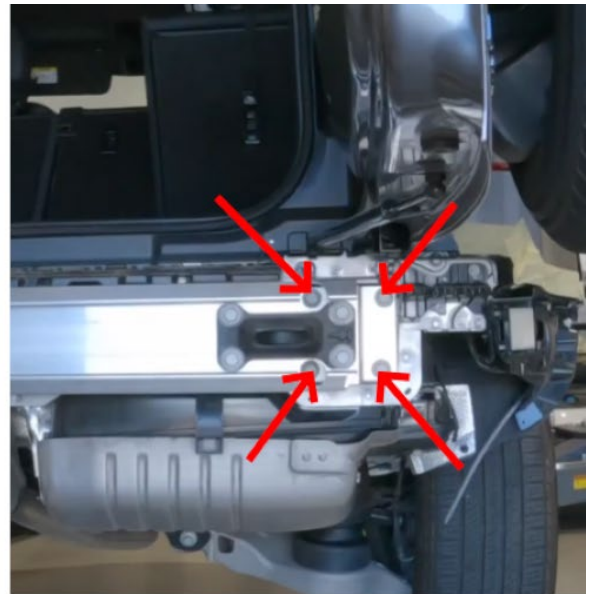


15. Remove the bolt-on recovery plates from the aluminium crash bar via 8x M14 Bolts (retain these bolts as they will be reused to refit the recovery plates on the towbar).

# Installation Instructions

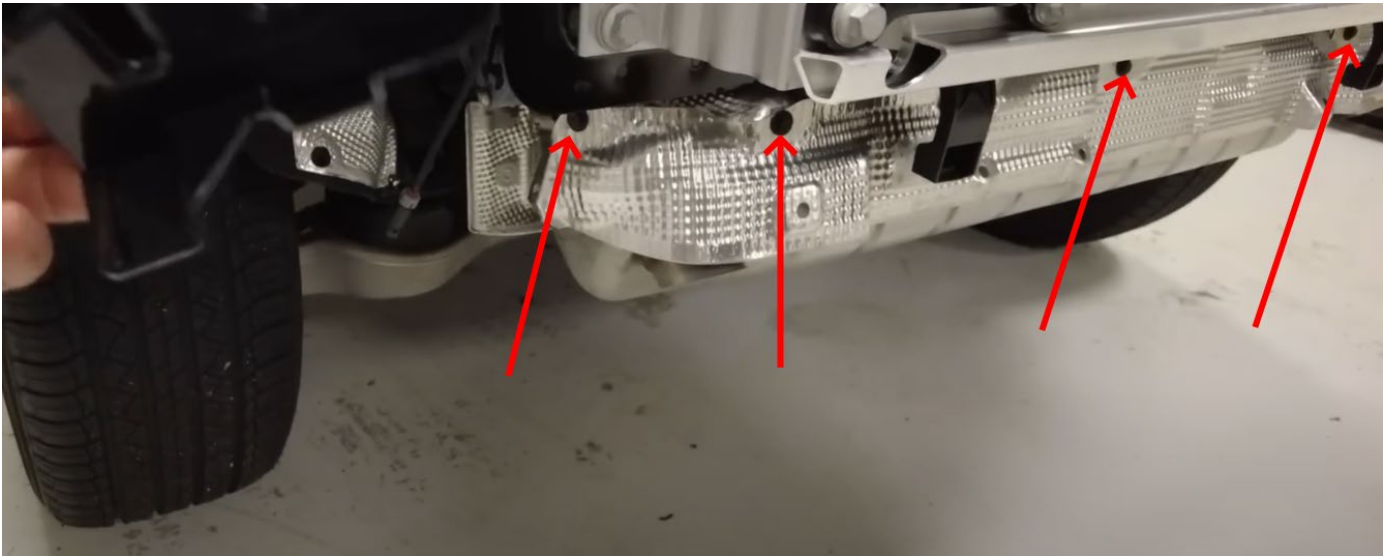


16. Remove 8x M14 bolts which secure the crash bar onto the beaver panel. Retain these bolts as they will be reused to secure the towbar onto the beaver panel.

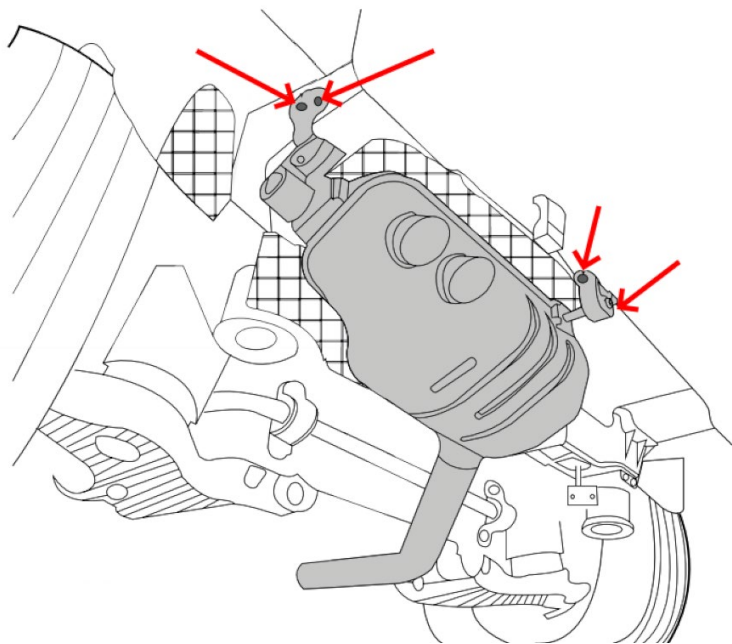


17. On the LHS (Passengers Side), with a 10mm socket remove 4x bolts securing the heat shield.

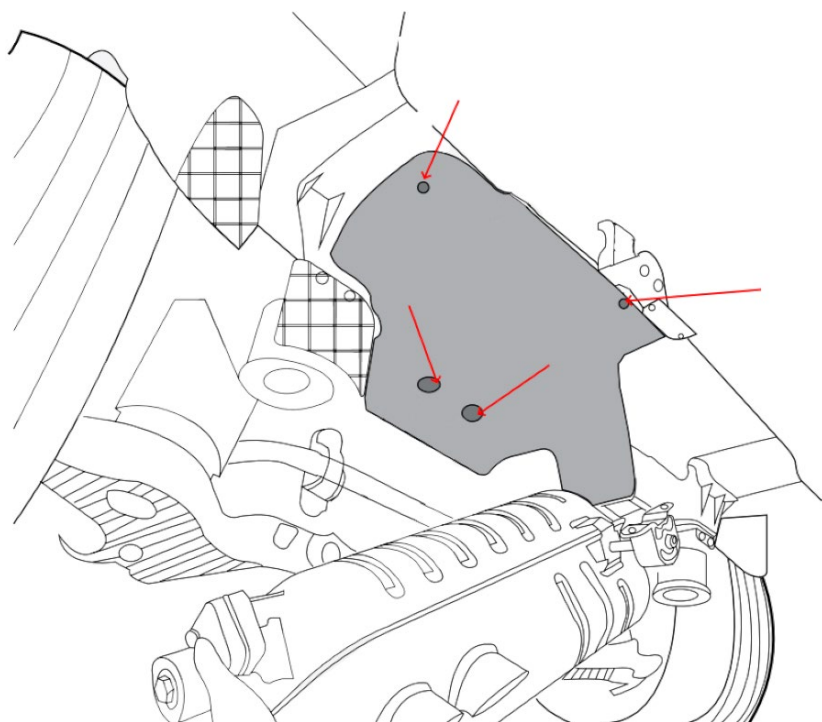




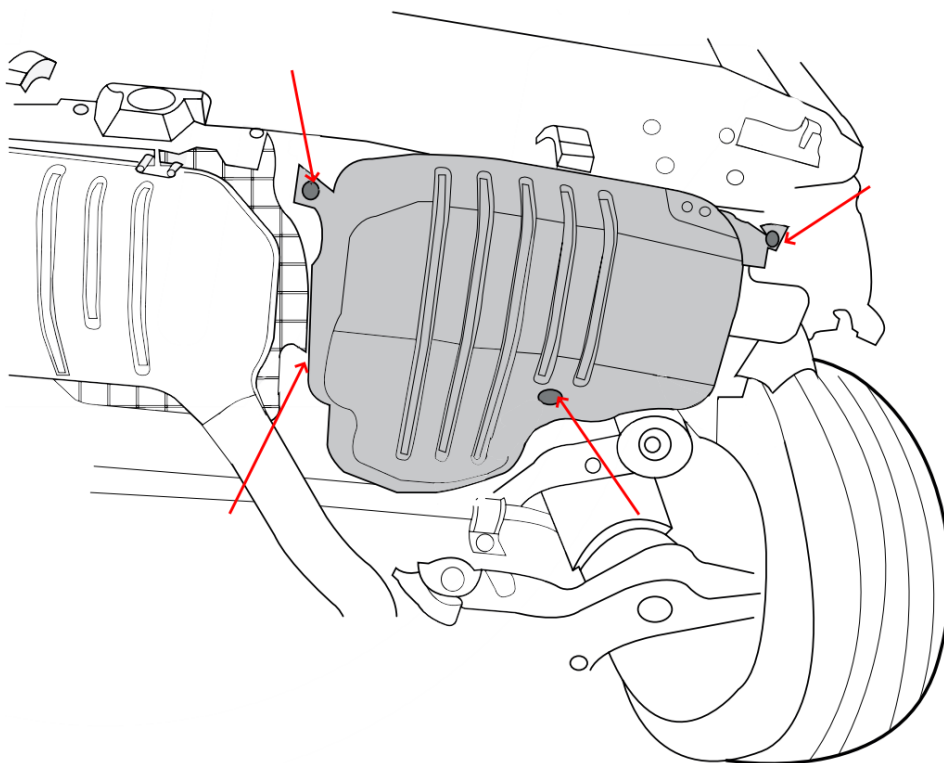
18. Remove the heat shield to reveal 2 exhaust hangers. Remove the bolts securing the exhaust hangers then carefully lower exhaust.



19. Support the hanging exhaust with a stand or jack.
20. With the exhaust hanging down remove 4x nuts securing the top exhaust heat shield.



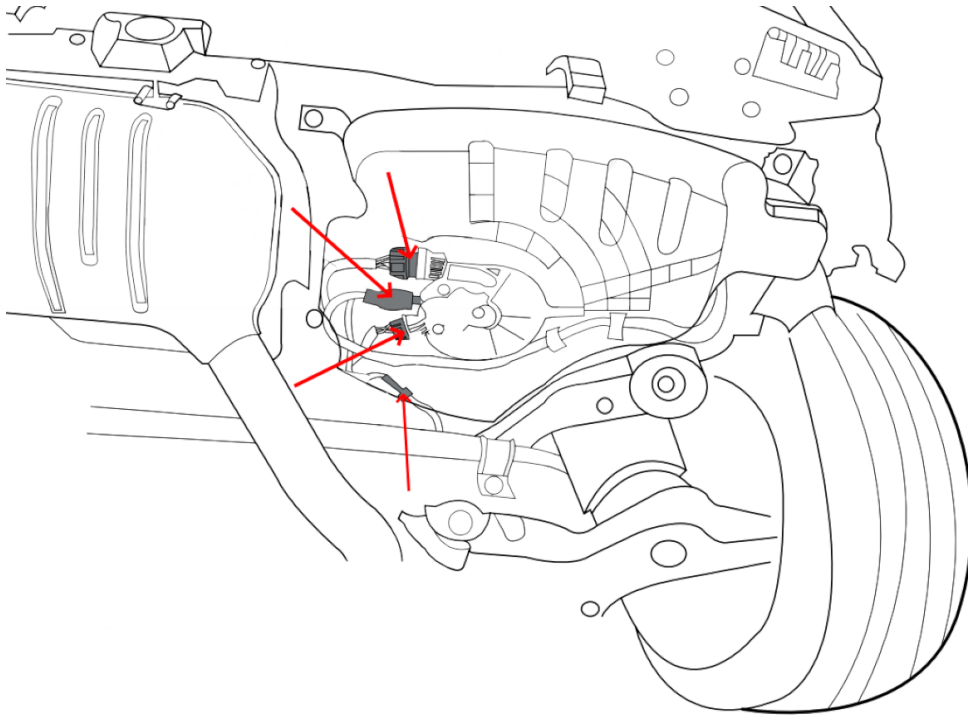
21. On the RHS, remove 4 x Bolts which secure the Cover of the Ad-Blue Tank. Put the cover aside.



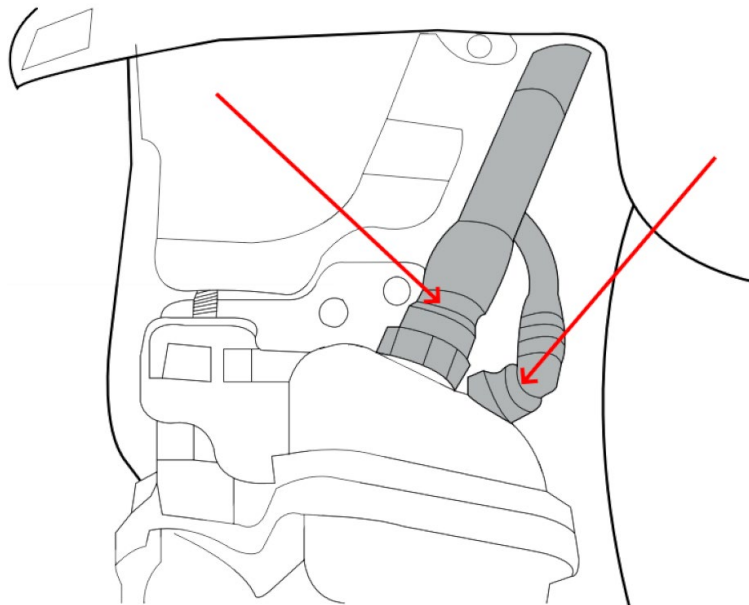
# Installation Instructions



22. On the bottom of the Ad-Blue tank, disconnect 4 connectors of the electrical wiring associated with the Ad-Blue tank.



23. On the top of the Ad-Blue Tank, disconnect 2 fluid lines.



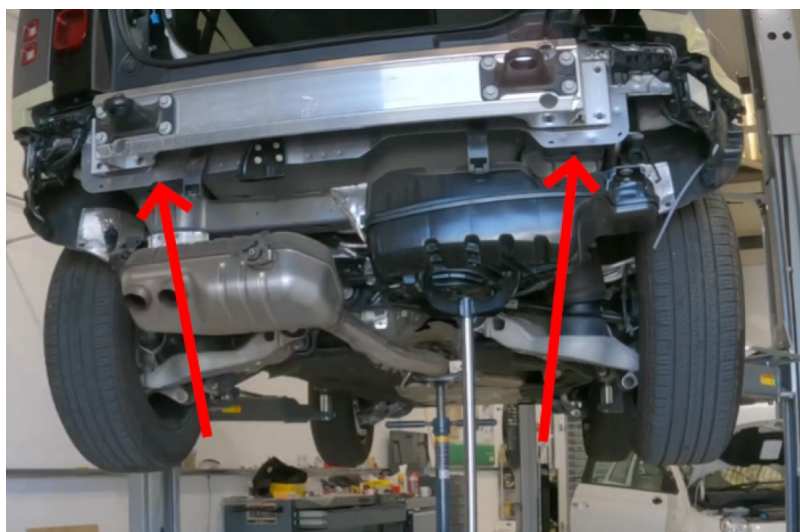
24. Use a transmission jack or similar to support the Ad-Blue Tank.

# Installation Instructions



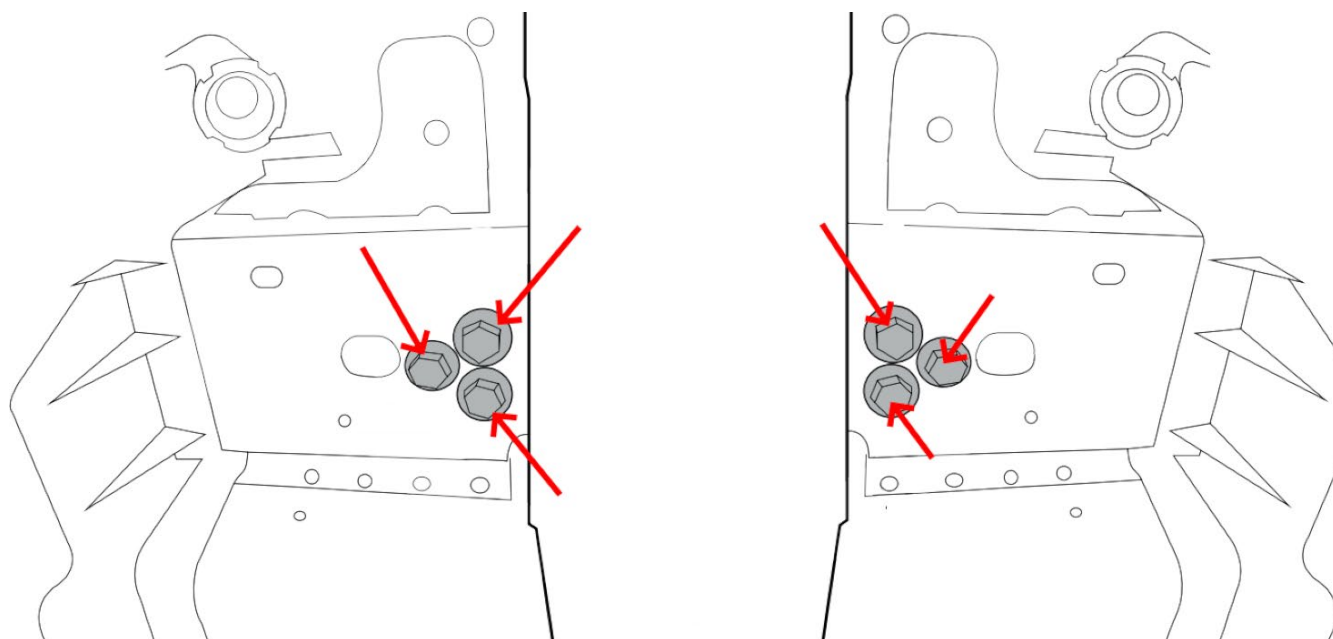
25. Removing the exhaust heat shield and lowering the Ad-Blue tank will reveal 6x M14 bolts (3 on each side). Remove these bolts to allow the crash bar to be removed.

**NOTE:** Retain these bolts as they will be re-used to fit the towbar.

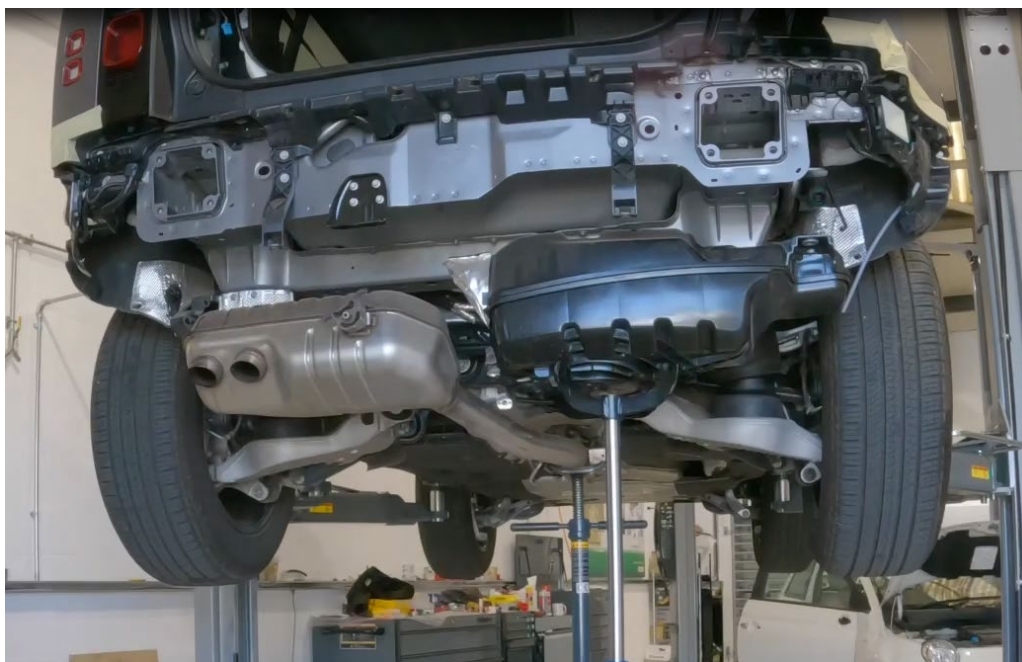




# Installation Instructions



26. Remove the crash bar. The crash bar can be discarded.



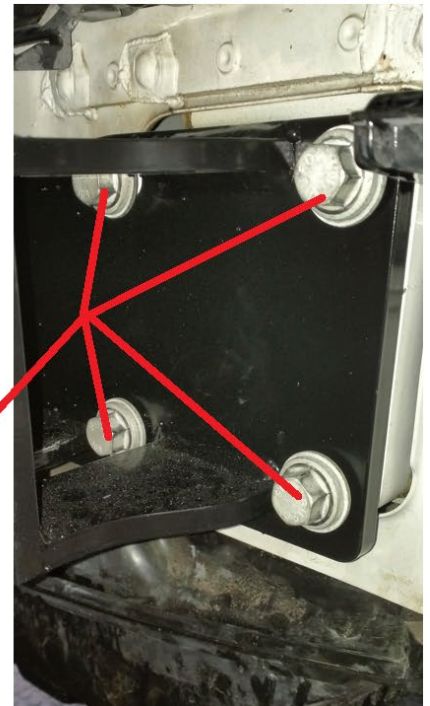
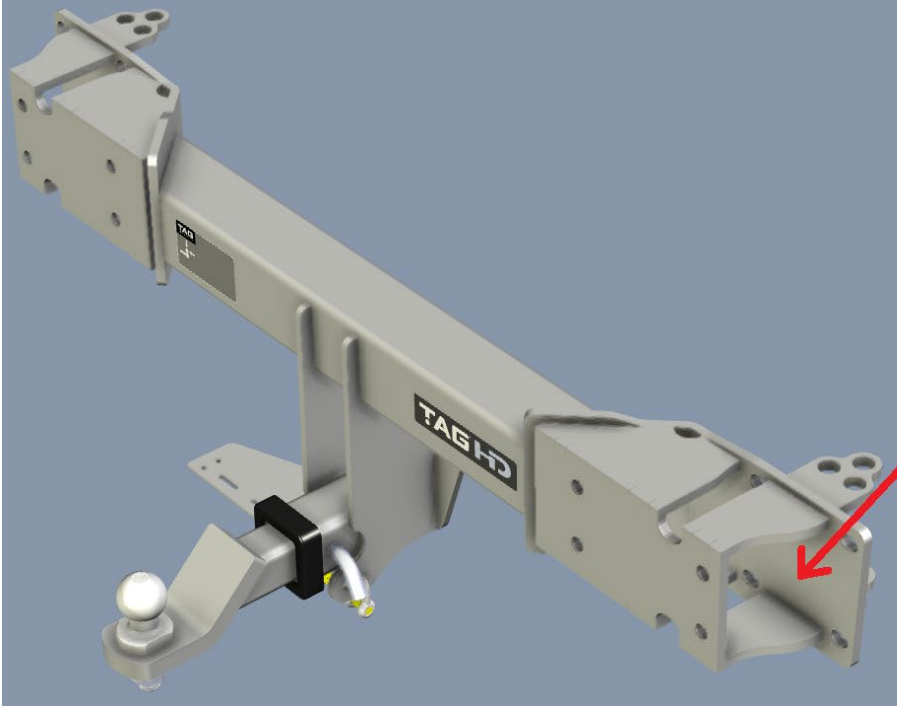


# Installation Instructions

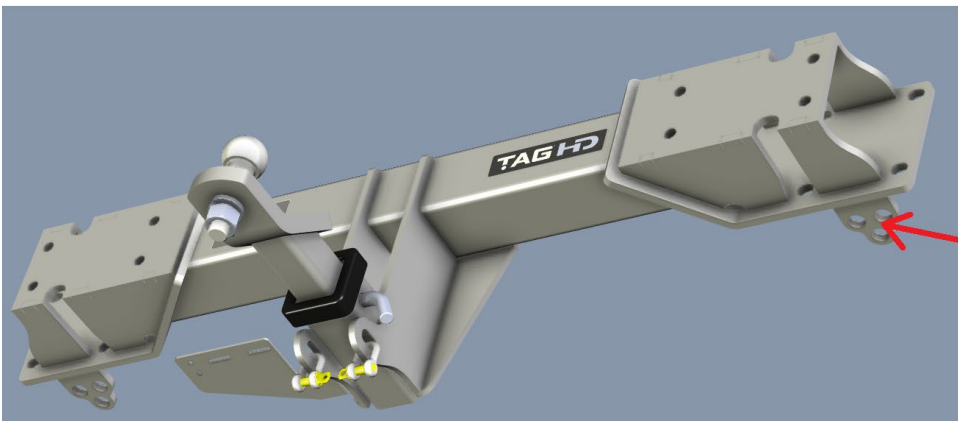


## Step 2: Fit Towbar

1. Lift the bar up to the chassis and insert into the chassis the same way the crash bar was removed.
2. Start by inserting and loosely tightening 8x M14 Bolts (4 on each side) (bolts which were removed in Step 1:16) into the beaver panel.

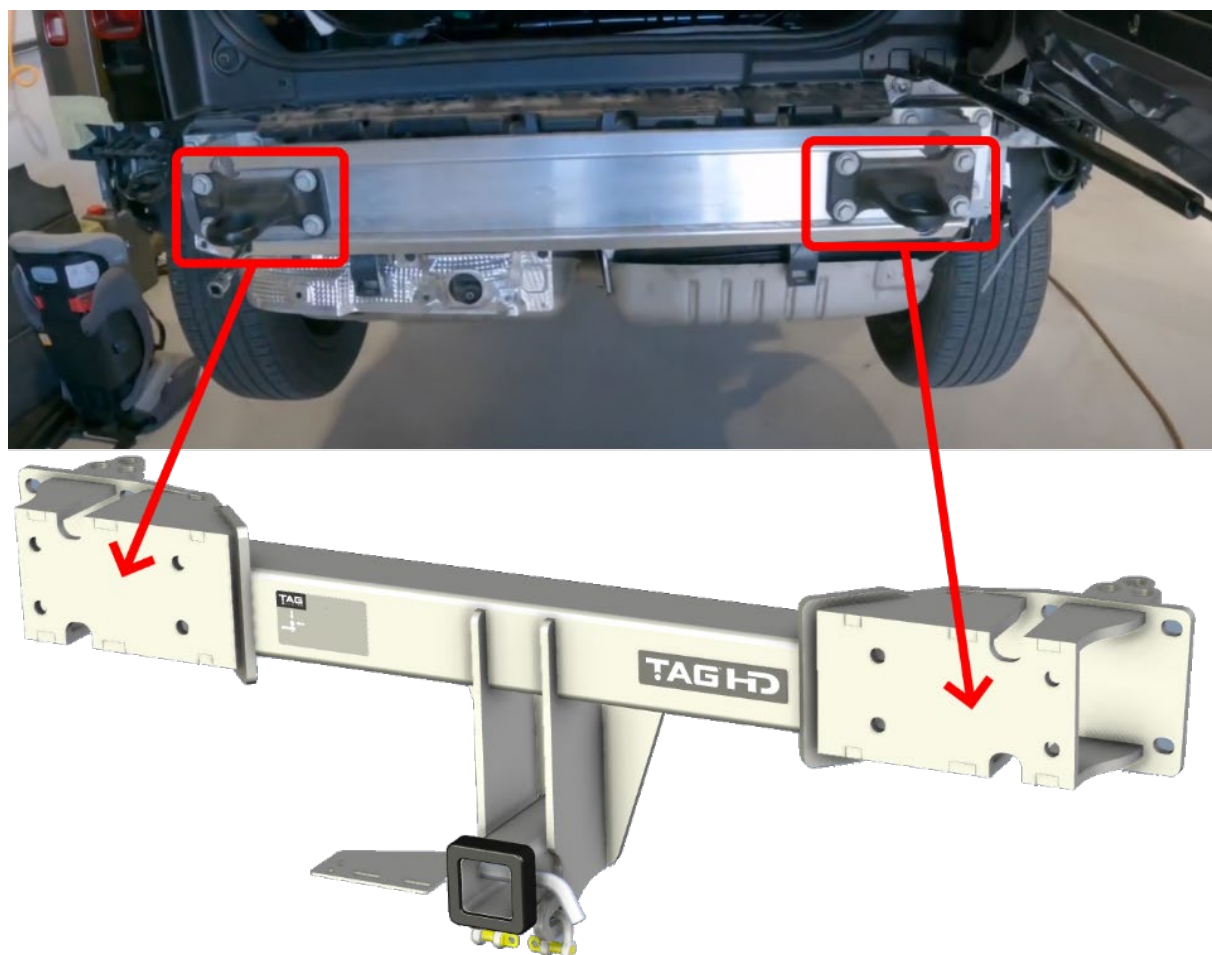


3. Insert 6x M14 Long Chassis Bolts (3 on each side) (removed in 1:25).



4. Starting from the 6x M14 chassis bolts, tighten all bolts to the torque setting of 218 N.m.

5. Attach the recovery plates which were removed in Step 1:15 using the same factory bolts and the supplied M14x2 Pitch nuts from the fitting kit. Tighten the bolts up torque of 218 N.m.



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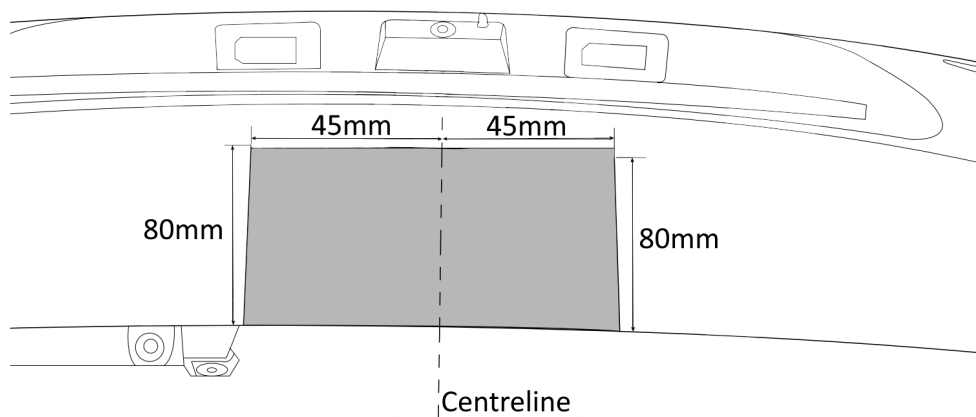
## Step 3: Cut Bumper & Refit

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**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.

1. Establish the centre of the bumper.
2. From the centre mark out 45mm from either side of the centreline to make a length of 90mm total.
3. Measure 80mm down and mark.
4. Mark the cut-out 90mm wide x 80mm deep (see diagram)
5. Cut the bumper using an air hacksaw or other suitable cutting device.
6. De-burr all cut edges.
7. Re-fit the bumper in reverse of steps Step 1: 1 to 24



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## Step 4: Complete Towbar & Apply Spare Compliance Label

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- a. Attach TAG Hitch cover with rubber mallet carefully to prevent breaking.
- a. 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.
- b. 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](http://www.swd.com.au).