

# FITTING INSTRUCTIONS

Toyota Rav 4 (02/2013- 12/2018) – T4T599



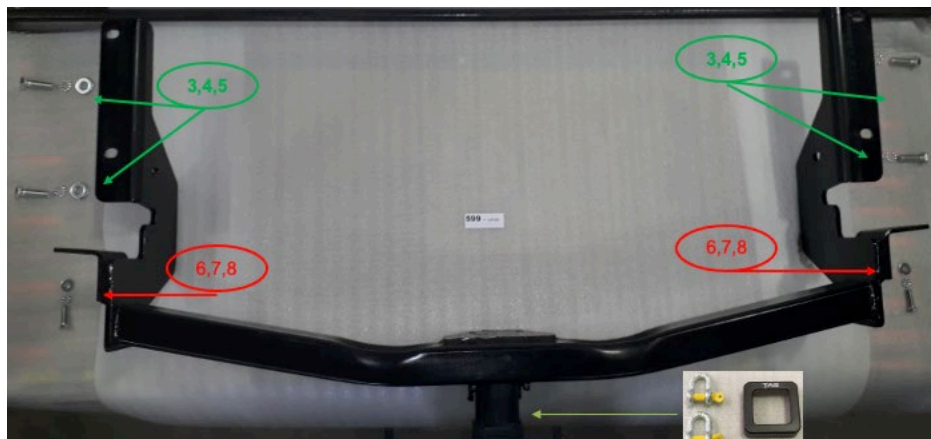
<b>Max Towing Capacity:</b> 1500kg	<b>Towbar Weight:</b> kg
<b>Max Ball Load:</b> 150kg	<b>Wiring Harness Part #:</b> UNT282



## Tools Required:

- Spanners, Sockets, Torque Wrench

Kit Contents					
Item No.	Description	Qty	Item No.	Description	Qty
1.	Towbar –T4T599	1	6.	M8 x 1.25 x 30 Bolt	2
2.	Ball Mount – L4120	1	7.	M8 Shakeproof washer	2
3.	M12 x 1.25 x 40 Bolt	4	8.	M8 Flat washer	2
4.	M12 Shake proof washer	4	9.	Class 4 Pin	1
5.	M12 Flat Washer	4	10.	Compliance sticker	1



## Warning:

- This product is for towing purposes only and must only be loaded as shown in your vehicle Owners 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

## 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.
- After drilling, blow any filings clear, remove any swarf and treat exposed metal with a rust inhibitor.
- If this vehicle requires a bumper cut out, please check to make sure that you measure twice and check twice before cutting any panels as some bumper profiles can change. If you are not sure, then please ask your towbar supplier

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<b>Step 1   Remove Rear Bumper</b>		
<b>Instructions</b>	<b>Tools</b>	<b>Torque Spec</b>
<ul style="list-style-type: none"><li>a. Remove 4 x 8mm screw in wheel arch and 1 x 10mm screw under mud flap.</li><li>b. Remove 2 x 10mm screws behind tail gate.</li><li>c. Remove 6 screws from under bumper bar.</li><li>d. Unplug reverse sensor plug from behind LHS mud flap.</li><li>e. Carefully unclip bumper at the top of wheel arch and flex outwards to unclip from body.</li></ul>	Trim removal tool Sockets Screwdriver	N/A

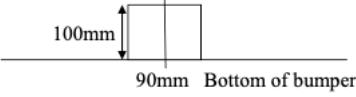
<b>Step 2   Preparing for Fitment</b>		
<b>Instructions</b>	<b>Tools</b>	<b>Torque Spec</b>
<ul style="list-style-type: none"><li>a. Remove impact beam via 6 x M10 bolts and discard.</li><li>b. Lower exhaust and remove L bracket from top of exhaust.</li><li>c. Remove shipping hook from LHS</li></ul>	Spanners	N/A

<b>Step 3   Install Towbar</b>		
<b>Instructions</b>	<b>Tools</b>	<b>Torque Spec</b>
<ul style="list-style-type: none"><li>a. Lift towbar up over exhaust and fit to bottom of chassis rail using 4 x M12 bolts and washers into captive nuts on bottom of chassis rail.</li><li>b. Fit 2 x M8 bolts and washers into rear beaver panel.</li><li>c. Tighten all bolts with a torque wrench according to the torque spec.</li></ul>	Torque Wrench Sockets Spanners	M12-77.3Nm M8-21.7Nm

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Step 4   Cut Bumper Bar		
<p>Find centre of bottom of bumper and measure 45mm either side &amp; 100mm up from bottom of bumper</p>  <p>The diagram shows a horizontal line representing the bumper bar. A vertical line indicates the center. A double-headed vertical arrow to the left of the center line is labeled '100mm', indicating the height of the cutout. A horizontal line below the bumper bar is labeled '90mm' and 'Bottom of bumper', indicating the width and the reference point for the cutout.</p>		
Instructions	Tools	Torque Spec
a. Find centre bottom of bumper and measure 45mm either side and 100mm up from bottom of bumper.	Air saw	N/A

Step 5   Finishing Up		
Instructions	Tools	Torque Spec
a. Refit Exhaust. b. Refit Bumper. c. Reconnect all reverse sensors. d. Fit ball mount with pin and clip supplied. e. Fir door sticker supplied to door. <b>Note: ECU must be fitted with this towbar and is sold separately</b>	N/A	N/A

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## WARRANTY STATEMENT

The manufacturer of TAG branded products, 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 directly by email at [warranty@tagtowing.com](mailto:warranty@tagtowing.com)