



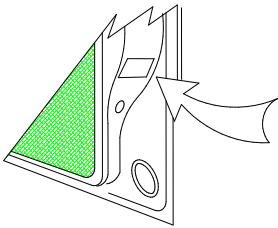
Tow bar Fitting Instructions
To Suit Holden Rodeo LT 4x4 Turbo Diesel With Factory step 01-07-on
Part Number QTHD495L
Rating 3000Kg Max Static Ball Load 300Kg

WARNING:

1. Do not, drill, cut, weld or otherwise modify the tow bar.
2. If you are using electric welding on a motor vehicle, **always** check that the vehicle is not equipped with electronic engine or instrument management equipment. Failure to do so could **destroy** any onboard computers. If in doubt, check with the vehicle's manufacturer.

General:

1. Ensure all hardware items have been included
2. It is recommended that the instructions are read through and completely understood before making any attempt to fit this product.
3. Be wary of any changes to vehicle designs or other accessories that may conflict with the installation of this product.
4. Before drilling ensure that the area is clear of fuel, electrical & other components.
5. All holes drilled into the body panels shall have all burrs & swarf removed then coated with a suitable rust preventative paint.
6. The high tensile fasteners supplied with this product were used to achieve the specified rating. If replacement is required ensure that fasteners of the same rating & quality are used. Contact an authorized **Trailboss** dealer if further information is required.
7. Ensure that all hardware is fastened to torque list below check fasteners on regular basis.
8. Tow bar load rating sticker provided with this product shall be conspicuously located on inside rear end of the driver's door. **(See diagram below).**
9. Trailboss recommends that you check your tow ball to ensure that it complies with the Australian standards **AS 4177.2**.
10. **PLEASE NOTE:** It is advised to remove your lug or tbn when not actually towing so as to produce a clear view of the vehicles registration plate if obscured, and to also provide maximum available departure angle



Place load rating sticker
inside driver's door here

FOR TOWING PURPOSES ONLY

For towing capacity details please refer to vehicle owner's manual or to the manufacturer. Overloading can void your warranties.

RECOMMENDED ASSEMBLY TORQUE LISTING
Diameter Grade 8.8 Bolt

M6	9.5 Nm
M8	21.7 Nm
M10	43.4 Nm
M12	77.3 Nm
M16	189.8 Nm

Tow bar Maintenance and Care.

Trailboss recommends that bolt torque's, as listed below, are routinely and regularly inspected and checked for correct tension. Replace any worn or defective parts.

We recommended to remove Tow Ball Mounts (TBM's, tongues or lugs) when not being used for any considerable length of time.

So as to avoid injury, when not towing it is suggested that the tongue, Pull Pin and R-clip are removed then stored in a safe, clean and dry place, away from excessive moisture.

Hitch Pull Pins and spring

"R" clips are regularly checked for proper installation. Replace any worn or defective parts.

TRAILBOSS

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11. It is recommended that this product be fitted on a hoist for ease of assembly (caution two person lift required).

- a. Remove existing tow hook if fitted via 2 M10 bolts then discard for fitment of tow bar see fig 1.



Existing tow hook

2 x M10 Bolts



Fig 1

12. Remove factory rear bumper step via (Caution two person lift required).



- a. Loosen three M12 x 1.25 bolts each side of chassis rails that fasten step to chassis.
- b. Make sure to unhook cable from wiring harness inside rear bumper (ensure to reattach cable once installation is completed).
- c. Completely remove the two rears most M12 bolts on the side of chassis rails so that the step can be removed from the vehicle see fig 2.
- d. Retain all M12 x 1.25 pitch bolts to refit step after tow bar installation.
- e. Carefully remove the bumper step from the vehicle.

Rear most M12 bolts completely remove these bolts for removal of step.

Leave this M12 bolt loose as arm has an open slot that will slide over the bolt for ease of installation.

Step mounting arm drivers side shown passenger side is mirror image.

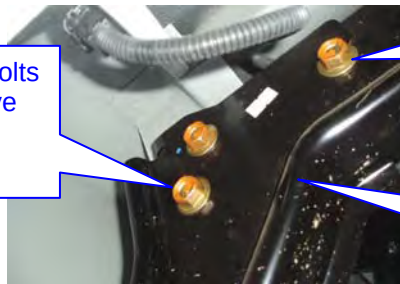


Fig 2

13. Fit tow bar to vehicle via

- a. Offer tow bar to the chassis rails so that holes on horizontal face of side arms of tow bar align with M10 captive nuts on underside of chassis rails.
- b. Fasten loosely with M10 x 30 x 1.25 bolts flat & spring washers provided see fig 3.
- c. Fit loose plates on wire up the inside of chassis rails see fig 4 then fasten loosely with M12 bolts flat & spring washers provided.
- d. Once all hardware is fitted fasten all bolts to torque listing on page number one.
- e. Ensure that wire s from loose plates are tucked inside chassis rails or cut away so not to interfere with fitment of tow bar.

QTHD495 Tow bar assembly

Chassis rail

Fit loose plates on wire inside chassis rails two per side.

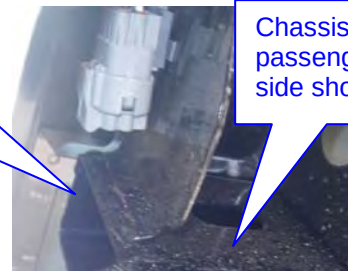
Chassis rails passenger side shown

Fig 3



M10 bolts flat & spring washers.

Fig 4



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14. Refit rear bumper step via

- Loosen bolts on the underside of the rear step each side so that there is some slight movement to the mounting arms see fig 5.
- Offer step to the vehicle so to align the mounting arms of the step with the M12 bolts as shown in fig 2.
- Fit remaining M12 bolts that were removed in sequence number 12 c.
- Ensure that the bumper step is aligned correctly to the rear of the vehicle then tighten all the bolts to the torque listing on page number 1.
- Fasten the bolts on the underside of the step.

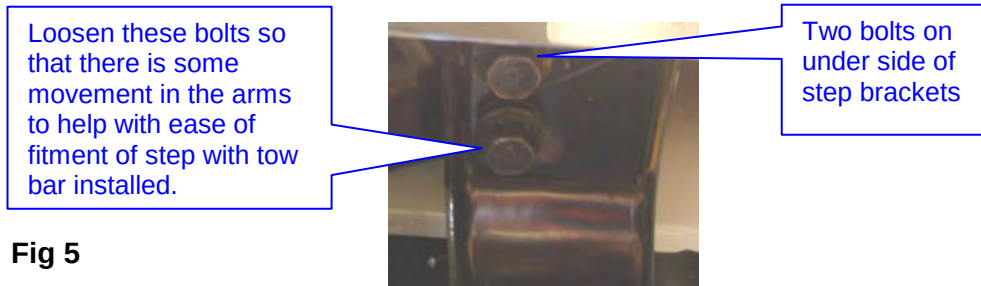
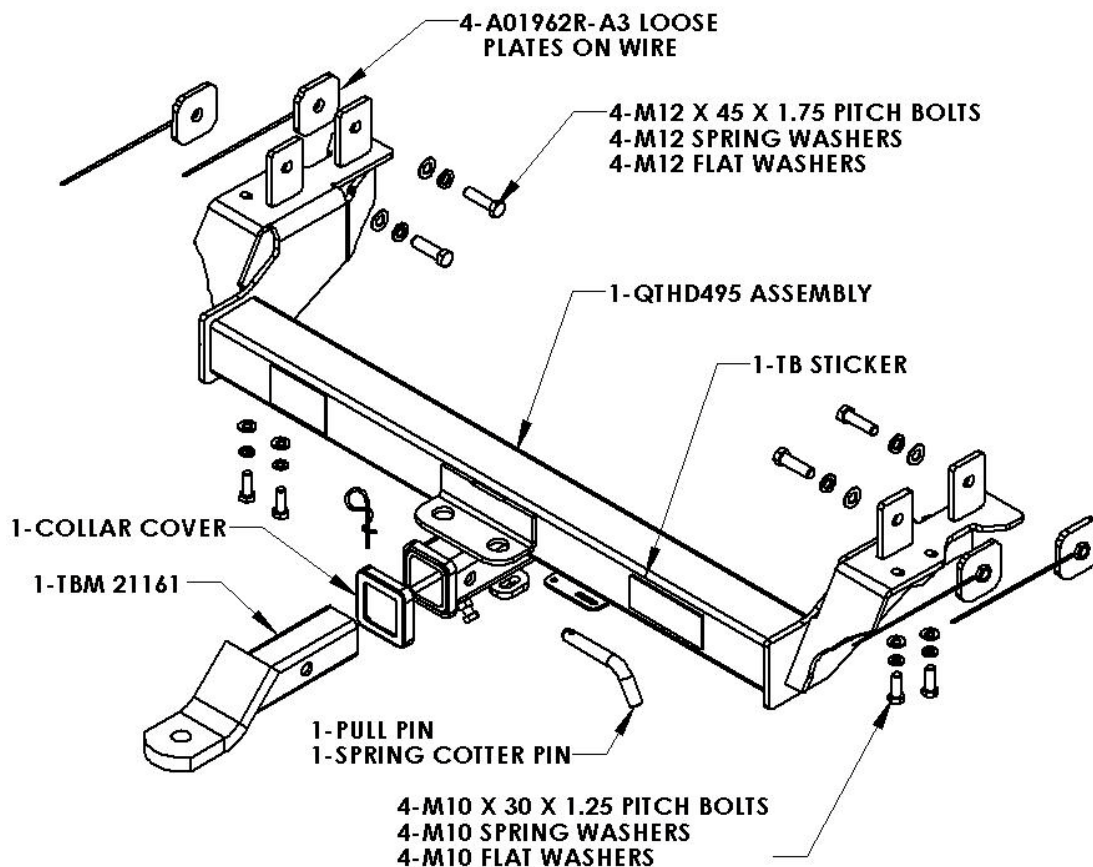


Fig 5





Wiring Loom Fitting Instructions
To Suit Holden Rodeo
Rodeo LT 4x4 Turbo Diesel
Rodeo LT 4x4 Turbo Diesel (2001 to 2007)
Rodeo 2WD & 4WD

Part Number 100055-WL

Wiring Loom Installation Instructions

Holden Rodeo
Part No: 100055-WL

Tail Harness Length Required: 1200mm
RPA Override Switch Part No: 04848 (If Fitted)

Wiring Loom Installation Time: Approx 20 Mins



Wiring Loom Fitting Instructions
To Suit Holden Rodeo
Rodeo LT 4x4 Turbo Diesel
Rodeo LT 4x4 Turbo Diesel (2001 to 2007)
Rodeo 2WD & 4WD

Part Number 100055-WL

1. Underneath the rear of the vehicle, locate and disconnect the LHS vehicle trailer break-out connector.
2. Secure the Tail Harness socket onto the towbar mounting bracket with fasteners.
3. Connect the Trailer Patch Harness (part no. 100055-WL) to the LHS break-out connector.
4. Route Tail Harness (length 1200mm) towards the Trailer Patch Harness and connect the Trailer Patch Harness to the Trailer tail Harness.
5. Secure the Trailer Patch Harness relays onto the interior vehicle sheet metal using tech screws. Secure the vehicle patch harness and Tail Harness connectors using cable ties (not supplied).
6. Test the Trailer socket using a light board or multi-meter.
7. Secure the all harnesses using cables ties (not supplied).
8. Refit all removed parts and secure all fasteners.
9. Place instructions in glove box after fitment.



FITTING INSTRUCTIONS

Silent Anti-Rattle Hitch Pin (PRO001)

• These fitting instructions are supplied to ensure understanding of how the HITCH PIN should be fitted and used correctly.

• Once installed, we recommend **ALL** instructions are kept and placed in the vehicle glove box.

NOTE: Routine maintenance and inspection of the towbar & HITCH PIN is required. Regularly inspect for wear and check the tightness of the Hitch Pin. Follow instructions below to retighten the nut when necessary.

***Do not tow with your vehicle if the R CLIP or the HITCH PIN is loose or missing. Replacement parts are available from your Pro Series Distributor.**

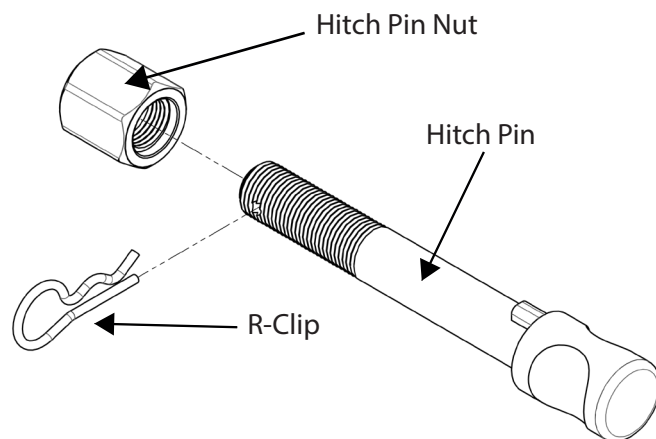


Fig 1. Silent Anti-Rattle Hitch Pin assembly

STEP 1

Insert Trailer Ball Mount (TBM) into towbar HITCHBOX, aligning hole in TBM SHANK with hole in HITCHBOX (Fig 2).

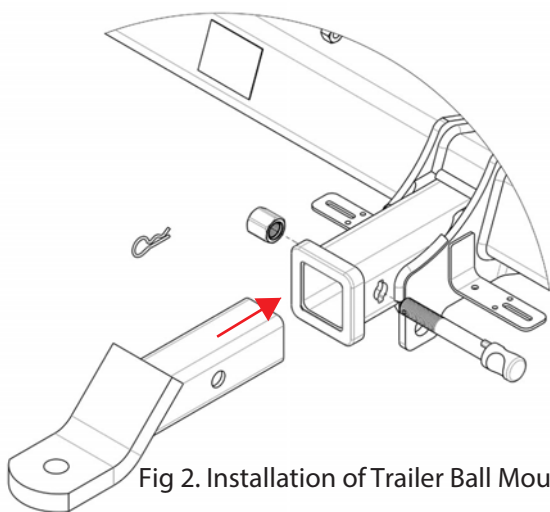


Fig 2. Installation of Trailer Ball Mount

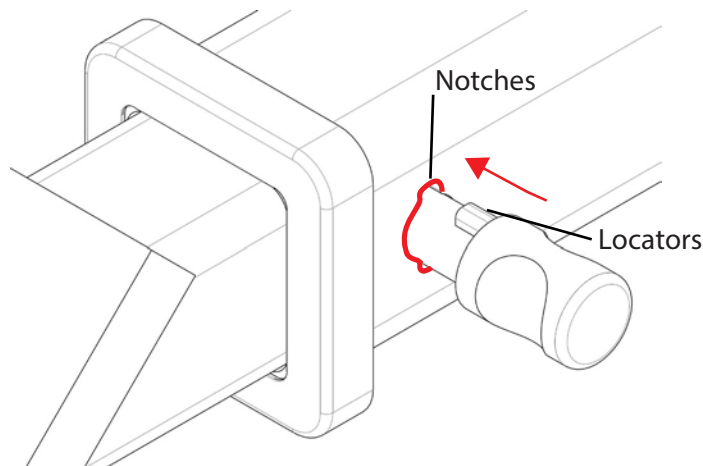


Fig 3. Silent Anti-Rattle Hitch Pin orientation

STEP 2

Insert HITCH PIN through hole in HITCHBOX and hole in TBM SHANK; ensure the LOCATORS are inserted into the NOTCHES in the HITCHBOX (Fig. 3).

STEP 3

Screw HITCH PIN NUT onto HITCH PIN ; tighten HITCH PIN NUT until finger tight, ensuring TBM is restrained from movement.

STEP 4

Tighten HITCH PIN NUT by turning nut a further 1/8th of a turn in the clockwise direction using a 24mm spanner (Fig. 4).

STEP 5

Install HITCH PIN R CLIP through the hole on the HITCH PIN (Fig. 1).

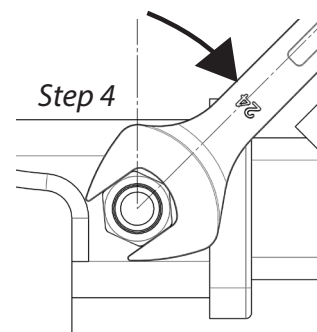


Fig 4. Tightening of Silent Anti-Rattle Hitch Pin Nut