

ROCKARMOR

INSTALLATION GUIDE



Vehicle:

- Toyota Landcruiser 80 Series

ROCKARMOR

INSTALLATION GUIDE

PLEASE READ THE FITTING INSTRUCTIONS CAREFULLY RECOMMENDATIONS:

- Having a second person present to help with fitting the bar
- Do not dispose of any spare washers and bolts
- Take care when unwrapping, do not use knife on bar as it will mark the powder coat
- Cable tie all wires to the back of the bar when mounting in order for it to be out of the way
- Use a Qualified Auto Electrician when wiring the lights to the vehicle. (Wiring Looms Not included)
- **POWDER COATING** - Fit the bar to insure all parts align correctly prior to powder coating the bull bar
- Regular maintenance may be required, cleaning the bar will ensure longevity. Washing the bar after beach driving is highly recommended. If powder coating is scratched off we recommend painting the defected area to prevent rust.

NOTE:

- Measure cut out before you start cutting .
- Do not dispose of genuine/original nuts and bolts as they are required.
- You may notice that there are a few spare washers and bolts, please do not dispose of the spares you may require spares later.
- Use flat washer and spring for every nut and bolt
- We Recommend that u use lock tight on all nuts and bolts .
- Insure all parts are accounted for prior to beginning the fitment.
- This item does not include the wiring loom, we recommend you use a qualified auto electrician to wire up your lights.

Fitting Instructions – Wheel Carrier

Nuts and bolts contained in package

Description	Qty
M12 x 1.25 Hub Nut	6
D12 Flat Washer	12
D16 Flat Washer	6
D6 Flat Washer	4
D8 Flat Washer	4
D12 Spring Washer	12
D6 Spring Washer	2
M24 Hex Head Slotted Nut	2
Cotter Pin	2
M12 x 1.0 Flange Nut	2
M6 Flange Nut	4
M6 Hex nut	2
M12 x 60mm Hex Head Bolt	4
M12 x 65mm Hex Head Bolt	2
M6 x 20mm Hex Head Bolt	2
M8 x 35mm Hex Head Bolt	4
M12 x 1.25 x 60mm Hex Head Bolt	6
M16 x 40mm Hex Head Bolt	6
M4 x 8mm Cross Recessed Pan Head Screw	2

Fitting Instructions - Wheel Carrier

- Remove the existing rear bar from the vehicle.
- Small wings/supports on the side of the chassis must be unbolted and removed in order for the bar to fit smoothly on the vehicle.

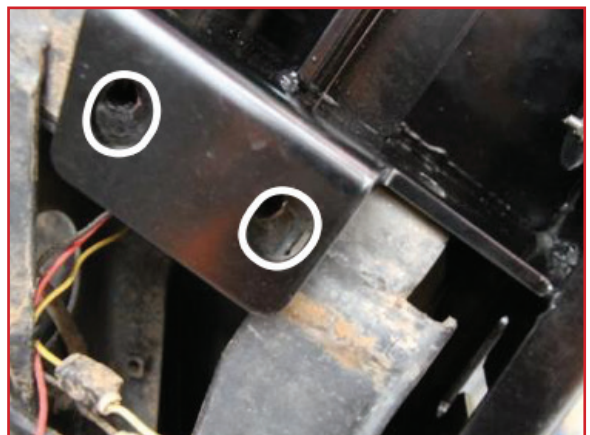


- Vehicles prior to 1992 will require the part to be cut off as they are not able to be removed as easy as the newer models.
- Fitting the bar does not require you to remove the Tow Bar



- Place the bar on the vehicle – this will be made easier if two people assist each other in order to guide the bar safely on to the chassis.

- Once the bar is on the vehicle it will seem as though the bottom mounting points do not align, this is not an issue (they will align further in)



Fitting Instructions – Wheel Carrier

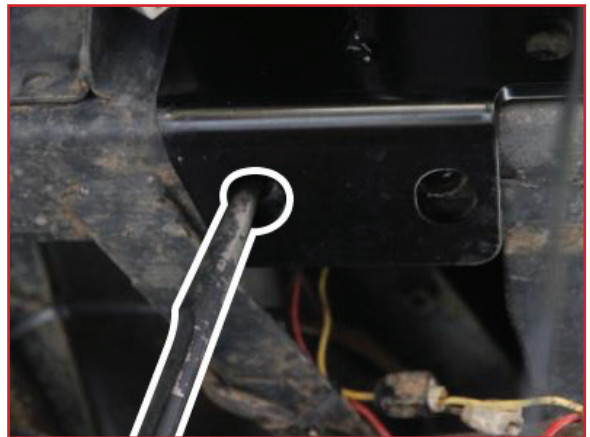
- IF THE REVERSE LIGHT INTERFERES WITH THE BAR OR TOW BAR SITTING CORRECTLY PLEASE REFFER TO BOTTOM OF PAGE 5
- IF THE BOLTS HOLDING THE CHECKER PLATE INTERFERE, TRIM THEM DOWN.



- Using an 18mm Socket and the Course Thread Bolts and 2 nuts. Bolt the front on to the chassis using 4 bolts, starting from the bottom two which will require the 18mm nuts in the back of the bar which connect to the chassis.



- All the bottom holes should be aligned once all four bolts are fastened tight on to the chassis and bar.
- Pry holes in ordered to straighten out the mounting points and align holes – this can be done using a screw driver or a pry bar (this may not be require on every vehicle)

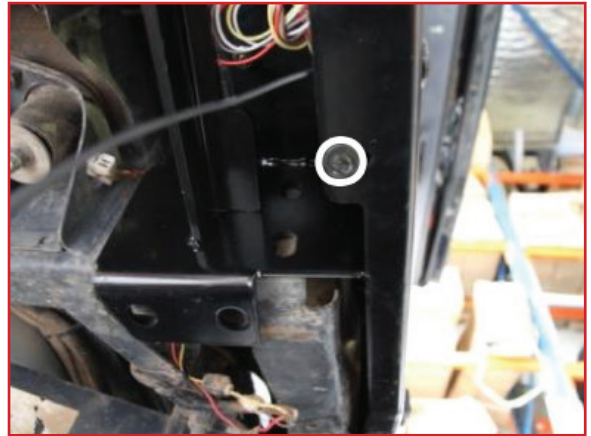


- By using the 18mm Fine Thread Bolts, bolt and tighten the bottom mounting points on the bar – you will require 4, 18mm bolts (2 for each side)

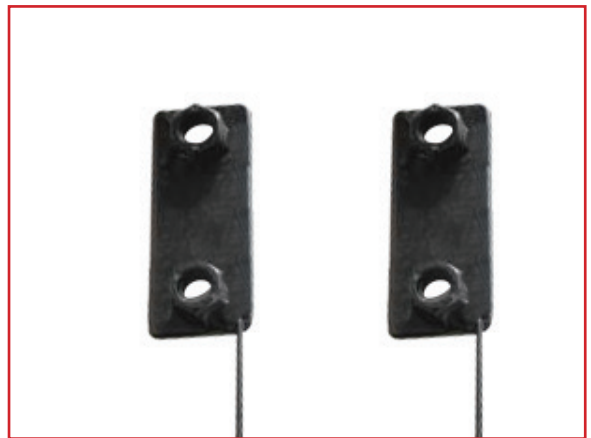


Fitting Instructions - Wheel Carrier

- By using the 12mm Fine Thread Bolt, bolt and tighten the upper side of the bar on the chassis rail doing one side at a time – please note: earlier model 80 series MAY not have mounting points on this particular part of the chassis rail.



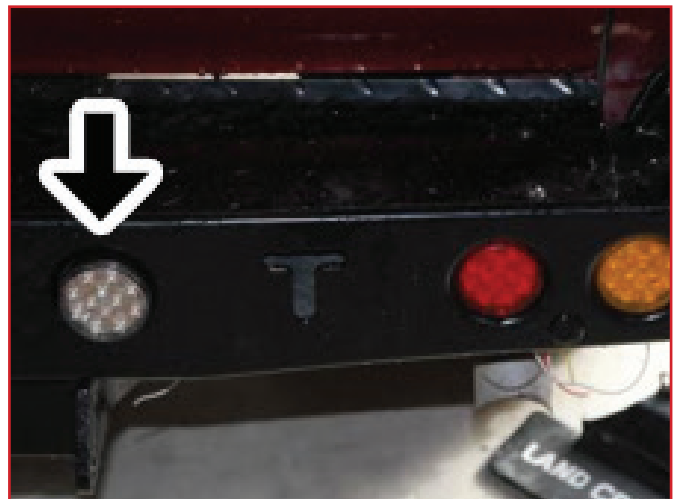
- Once all the bolts are nice and tight, the bar is ready to use.
- Please keep all spares – within the fitting box, you will notice two long rods with nuts welded on to a plate, this is only required to be used if you do not already have nuts on the bottom mounting points of the rear bar.



REVERSE LIGHTS

- On some models, the rear chassis and or Tow bar is slightly different and will interfere with the reverse light, they may be required depending on legislation in your home state.

Only on some models, one bolt must be removed from the light holder which will allow the reverse light to move slightly and the bar to sit nicely, this will not affect the strength of the light or the bar. Please refer to images:



Fitting Instructions - Wheel Carrier

STAGE TWO - FITTING THE ARMS TO THE REAR BAR

It is easily done in this order:

Large Seal - Large Washer - Large Bearing - Arm - Small Bearing - Small Washer - Nut - Cap

PLEASE NOTE: AS THE BAR IS BRAND NEW, THE LOCKING PIN MAY RECURE WEARING IN AS THE POWEDER COAT IS FRESH, THIS IS ONLY IN SOME CASES

Advise to grease or lubricate locking pins regularly to prevent locking pins from seizing

- Grease all bearings and stub axels
- Place the large rubber seal on stub axel



- Place large washer over rubber seal



- Place large bearing over large spacer
- Please be sure to keep the arm straight and aligned with the bar when tightening the nut, tighten as hard as possible



- The cap secures the nut in place



Fitting Instructions - Wheel Carrier

- The height of the locking pin can be adjusted to fit properly, please refer to photos.
- The top cap can be tightened to adjust the height if needed



- Once the arm is on, it will lock straight in; the locking bracket can also be adjusted.



- Once the arm is fitted, the goose neck can be placed straight in and mounted with the three bolts and washers provided.
- Once the goose neck is mounted, place the number plate bracket and reverse light on to the goose neck



Fitting Instructions – Wheel Carrier

Warranty

1.If any product or part of a product manufactured by Powerful4x4 Pty Ltd is found to be defective during a period of 12 months from date of purchase, Powerful 4x4 Shall repair (at the discretion of Powerful 4x4) the defective product or part.

2.Powerful 4x4 Pty Ltd does not warrant the products manufactured by it comply with the laws of the locality (May differ from State to state) where those products are purchased or used. It is the sole responsibility of the purchaser to ascertain whether products being purchased, or affixation of those products to any other object, comply with the local laws.

3.Except to the extent described in the warranty, Powerful 4x4 shall not be liable for any other claims, including claims arising from incorrect fitment, product or vehicle modification, faulty design, the use of the product on any indirect special or consequential damage or injury to any person, company or other entity.

4.Any Modification or alteration to any product manufactured by powerful 4x4 Pty Ltd to enable fitment in conjunction with other vehicle accessories or modifications will void warranty claims.

Please do not hesitate to contact us if you need any help with fitting of the bar
[1300 554 923](tel:1300554923)

FROM EVERYONE AT POWERFUL4X4 WE HOPE YOU ENJOY YOUR NEW PREMIUM SERIES
BULBAR AND WOULD APPRECIATE ANY FEEDBACK AND PHOTOS

PLEASE EMAIL YOUR PHOTOS & FEEDBACK TO

sales@powerful4x4.com.au

UNLESS OTHERWISE REQUESTED, SOME OF YOUR COMMENTS & PHOTOS MAY BE USED
ON OUR WEBSITE OR PRINT MEDIA

PLEASE NOTE: Please check in your local state as to legislation with regards to adding accessories to your vehicle. Some products sold may be for off road use only. This responsibility lies with the owner of the vehicle.