

# INSTALLATION INSTRUCTIONS



R2387-TO SUIT LAND ROVER DISCOVERY THREE 04-2005-ON  
ENSURE INSTRUCTIONS ARE UNDERSTOOD BEFORE INSTALLATION.

Rating Braked 3500 Kg  
Rating Unbraked 750 Kg  
Max Static Ball Load 350 Kg

## Warning:

1. Do not, drill, cut, weld or otherwise modify the towbar.
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 authorised **Hayman Reese** dealer if further information is required.
7. Ensure that all hardware is fastened to torque list below check fasteners on regular basis.
8. Towbar load rating sticker provided with this product shall be conspicuously located on inside rear end of the driver's door. **(See diagram below).**
9. Hayman Reese 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 tbm 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.

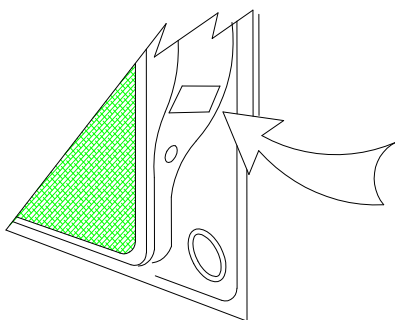
## Tow bar Maintenance and Care.

Hayman Reese 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.



Place load rating sticker  
inside driver's door here

### 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

### FOR TOWING PURPOSES ONLY

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

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## 11. Marking the first mounting hole

- Drivers side shown in fig1 mark out as shown then centre punch point
- Drill through bottom side of chassis rail 13mm.
- Repeat process for passenger side of vehicle
- Ensure that all swarf & sharp edges are removed after drilling & all raw edges are to be coated with suitable rust preventative paint

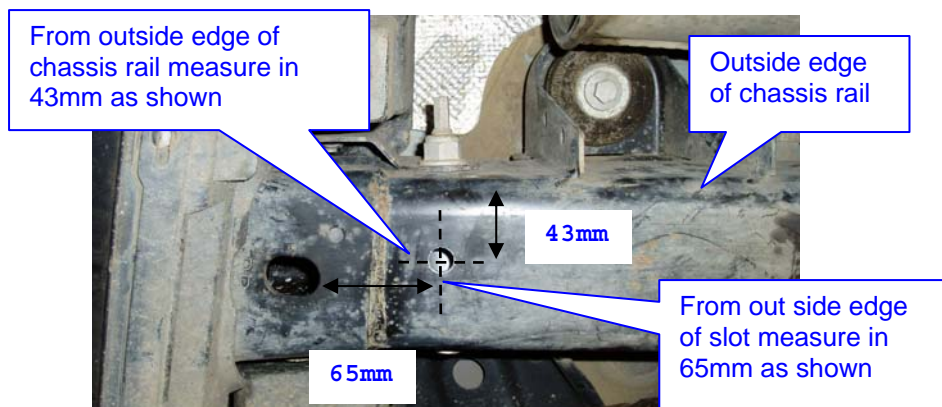


Fig 1

## 12. Feed through M12 bolts on wire.

- Straighten out the wires from the M12 bolts on wire provided with the fit kit.
- Feed M12 bolt on wire through access hole located on the side of the chassis rail
- Drop the M12 bolt through the hole drilled repeat process for passenger side.
- CAUTION** 2 person lift required lift towbar into position so that that the first mounting hole in the side plates of towbar aligns with bolts on wire.
- Fasten with M12 nuts flat & spring washers provided.

## 13. Fitment of centre mount

- Lower the spare wheel from the vehicle then remove from the vehicle to aid fitment of the centre section see vehicle owners manual for spare wheel removal.
- Align holes in the centre mount of the towbar with existing chain connection points of the existing land rover factory cast section.
- Fit loose plates M12 bolts nuts spring & flat washers provided see diagram for correct orientation.
- Fasten to torque listing on page number 1.

## 14. Drilling remaining holes

- Using the holes in the side arms as a guide drill through the bottom section of the chassis rail as drilled previously.
- Ensure that all swarf & sharp edges are removed after drilling & all raw edges are to be coated with suitable rust preventative paint
- Fit 3mm loose plates if required between the top face of side plate & underside of chassis rails there may be variation of the weld join from rear most section & inner section of chassis rails.
- If loose plates are not required discard them.
- Feed through remaining M12 bolts on wire so that they drop through the holes drilled.
- Fit M12 nuts flat & spring washers provided then fasten all hardware to torque listing.

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Note:  
A409 Loose plates  
may be required for  
fitment of tow bar if  
not required discard  
loose plates.

