

HAYMAN REESE
PART No: **03083RLW**
FORD ECOSPORT

INSTALLATION INSTRUCTIONS

PLEASE ENSURE THAT ALL INSTRUCTIONS ARE UNDERSTOOD PRIOR TO FITMENT
PLACE THESE INSTRUCTIONS IN THE VEHICLE'S GLOVEBOX AFTER INSTALLATION IS COMPLETED



Installation Time: Approx **120** Mins

Towbar Installation Instructions

Towbar capacity

FORD ECOSPORT

Part Number **03083RLW**

Max Towing Braked	700 kg
Max Towing Unbraked	700 kg
Max Static Ball Load	70 kg

Hayman Reese (Cequent)
PO Box 4050, Dandenong South VIC 3164
Phone 1800 812 017 Email info@haymanreese.com.au

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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.
3. If TBM is used in inverted position tow ball may make contact with rear tailgate when lowered, which could cause damage.

General:

1. Ensure all hardware items have been included refer to assembly diagram.
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 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.
11. Pull Pin must be fit in down position.

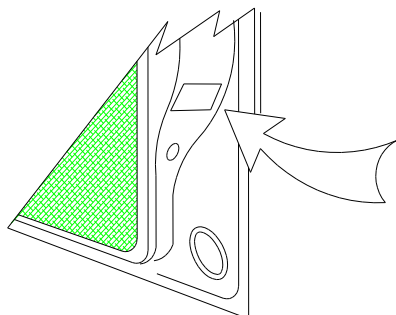
Tow bar Maintenance and Care.

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
M14	146 Nm
M16	189.8 Nm

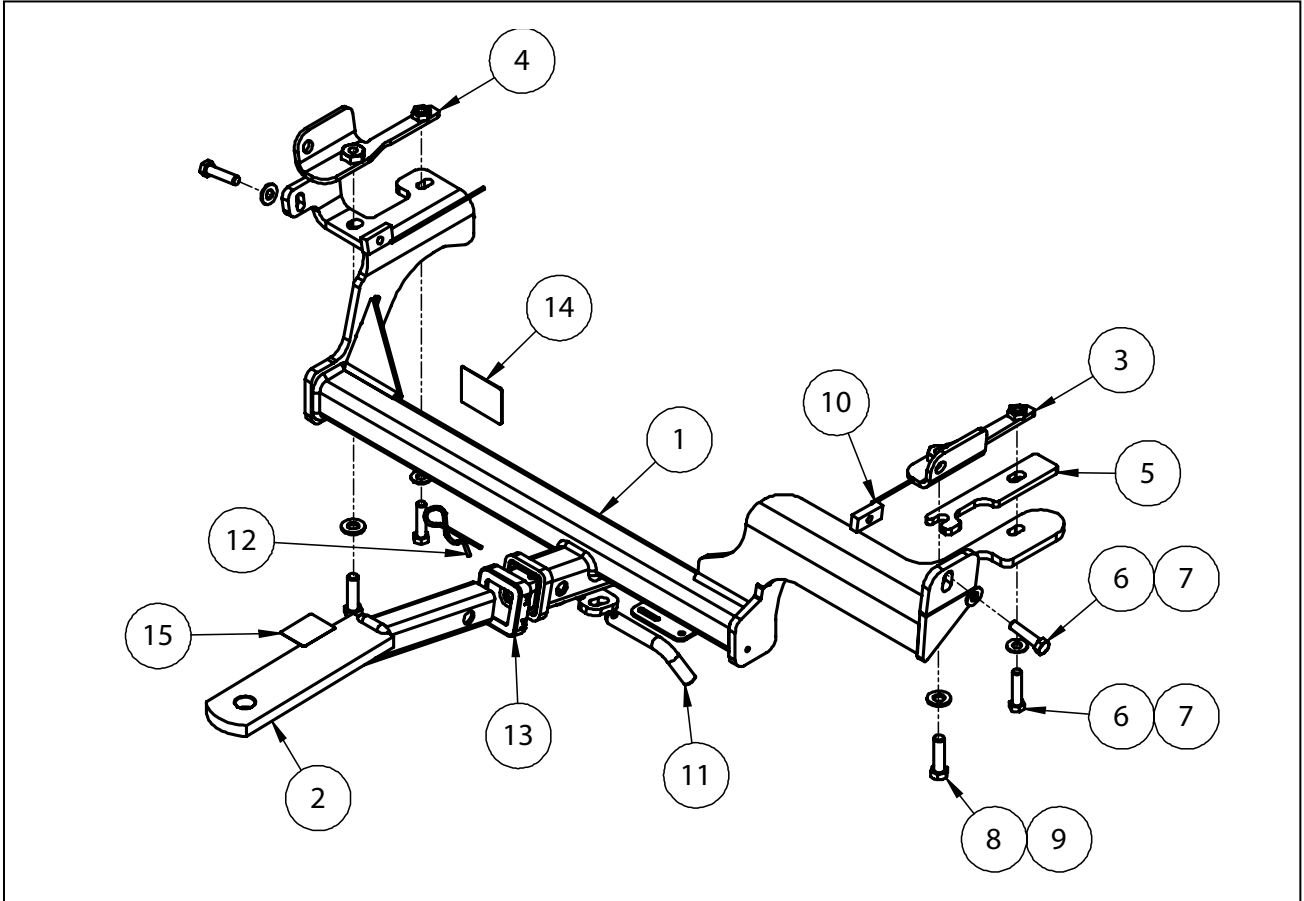
FOR TOWING PURPOSES ONLY

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

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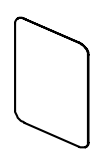


QTY.	DESCRIPTION	ITEM NO.
1	ECOSPORT WELDED ASSY	1
1	TBM ASSY	2
1	RH NUT PLATE	3
1	LH NUT PLATE	4
1	SPACER PLATE	5
4	BOLT HEX HD M10x45x1.5P	6
4	WASHER FLAT M10x23x2 Z/P	7
2	BOLT M12x45 1.75P	8
2	WASHER FLAT 1/2"x1 1/8"x1/8"	9
2	TAPPED PLATE ON WIRE M10X1.5	10
1	PULL PIN	11
1	SPRING COTTER PIN ASSY	12
1	COLLAR COVER RL BLANK	13
1	ACRYLIC COMPLIANCE PLATE	14
1	H.R STICKER	15

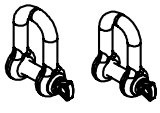
ADDITIONAL ITEMS



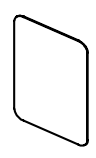
WIRING LOOM



FITTING INSTRUCTION



D SHACKLES



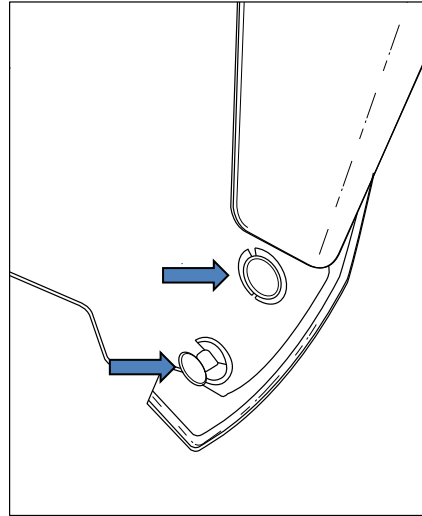
LR LABEL

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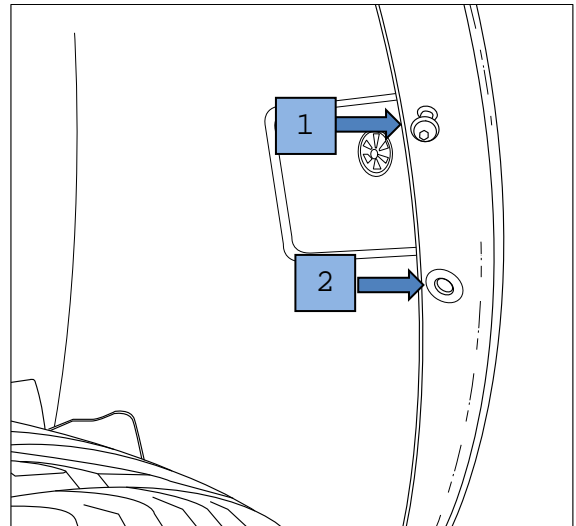
1. Remove 2x Scrivets from inside rear wheel well, towards the rearwards end.

Repeat for opposite side of vehicle.

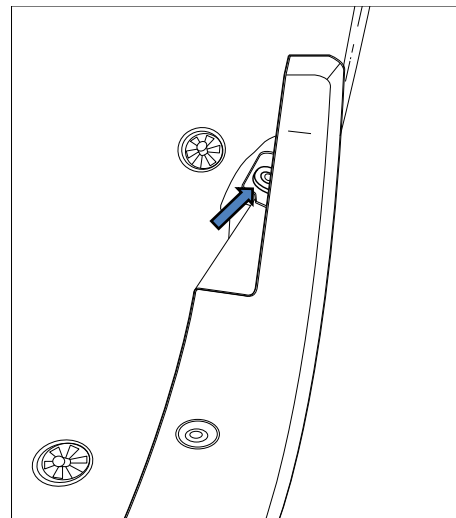


2. Remove 1z Torx head screw [1] and 1x Scrivet [2] from rearwards end of rear wheel well.

Repeat for opposite side of vehicle.



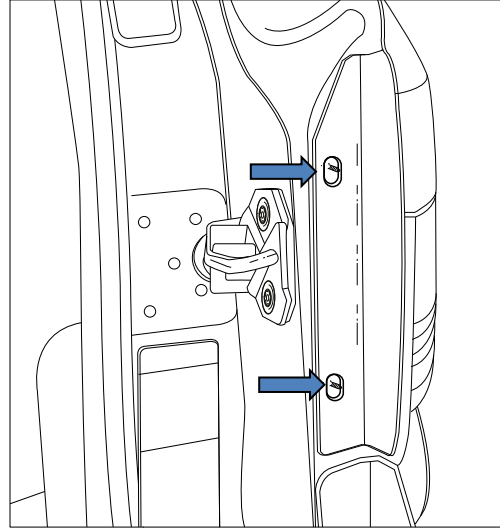
3. Remove 1x Screw from behind wheel well trim on both sides of vehicle.



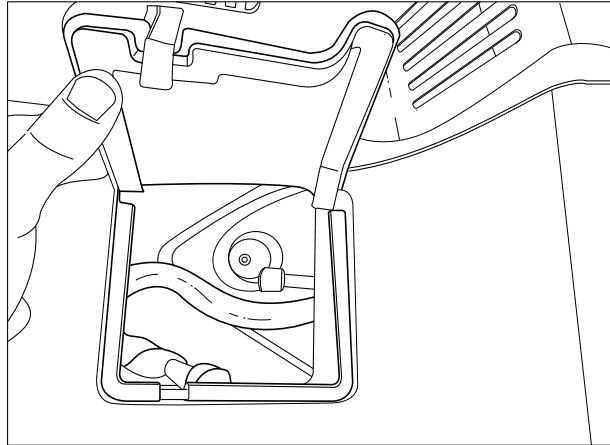
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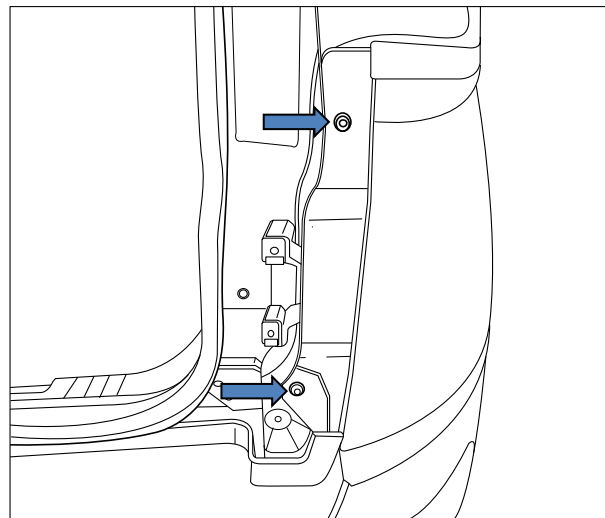
4. Remove 2x Screws securing RHS tail lights to chassis body.



5. Open side panel inside boot, remove plastic screw securing rear tail light.
- 1x Screw on Drivers side and 2x on Passenger side.
- Remove rear tail light by pulling rearwards, disconnect tail light wiring plug.



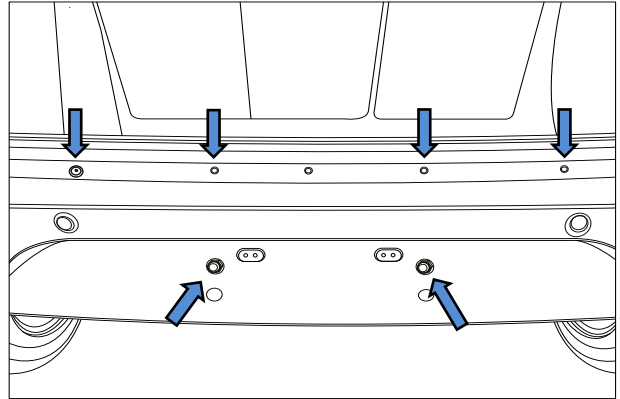
6. Remove 2x Torx Screws securing rear RHS end of bumper fascia to chassis body.



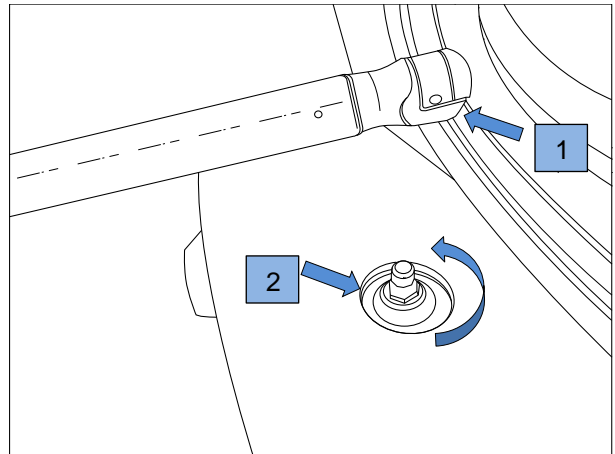
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7. Remove 6x Hex head Bolts securing rear face of bumper facia to vehicle.



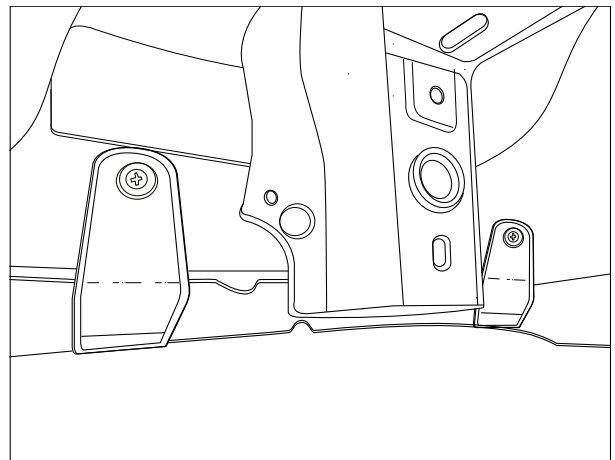
8. Disconnect rear door strut [1] from vehicle body, and remove strut head [2] from vehicle.



9. Disconnect 4 Bumper facia tabs from underneath Bumper body.

Disconnect electrical plug powering rear parking sensors.

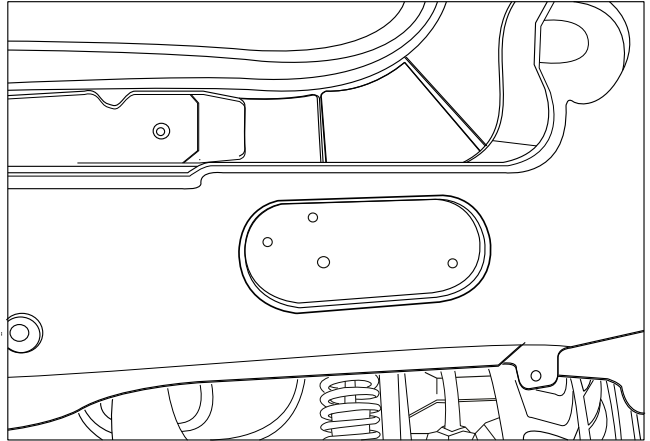
Remove bumper facia from vehicle body.



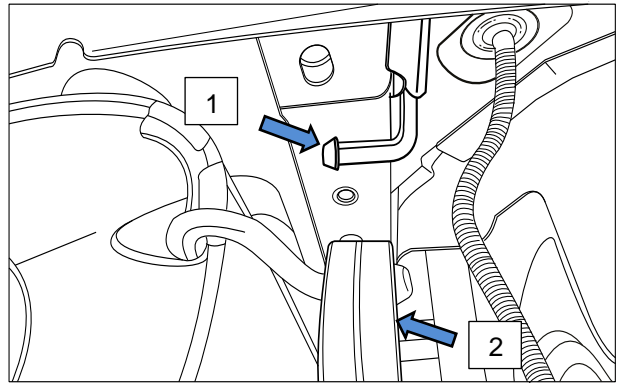
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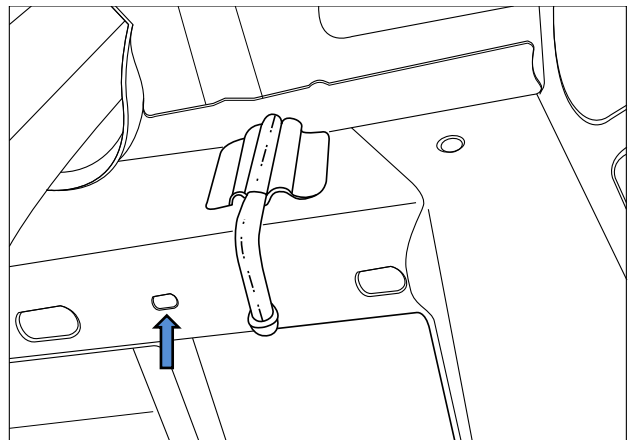
10. Remove foam cover from chassis beam and use template provided to cut into vehicle chassis to gain access to internal chassis rail.



11. Lower exhaust from body of vehicle, retain rubber hanger [1] on vehicle hanger [2], as opposed to muffler hanger shown.



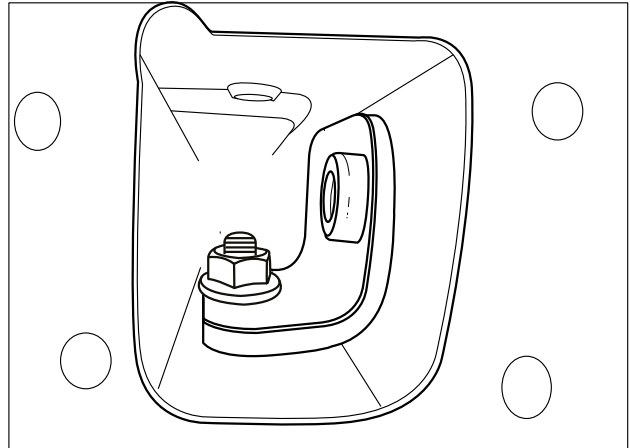
12. Drill 14mm holes in forward mount points of chassis rail, for both sides of vehicle.



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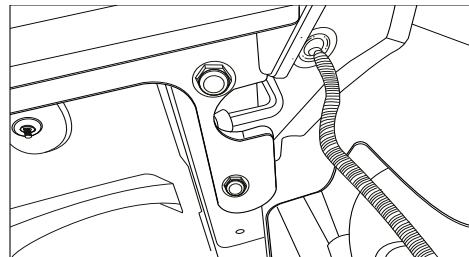
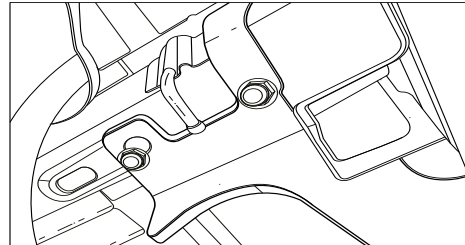
13. Insert nut plates into chassis rails, ensuring holes align with holes provided in chassis rail.



14. Install towbar to vehicle, aligning mounting holes in bar to respective mount points in the vehicle chassis.

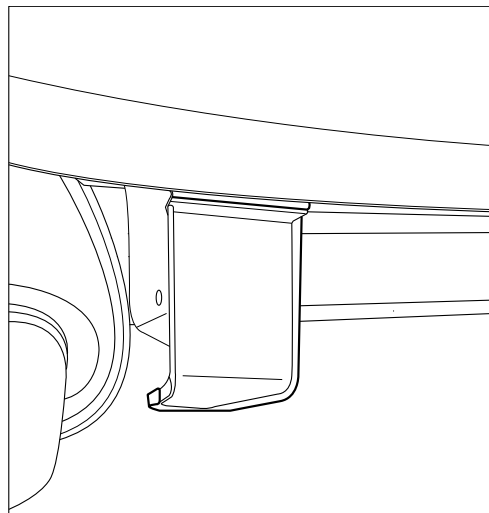
Feed tapped plates on wires into chassis.

Torque all bolts to recommended torques listed on page 2.



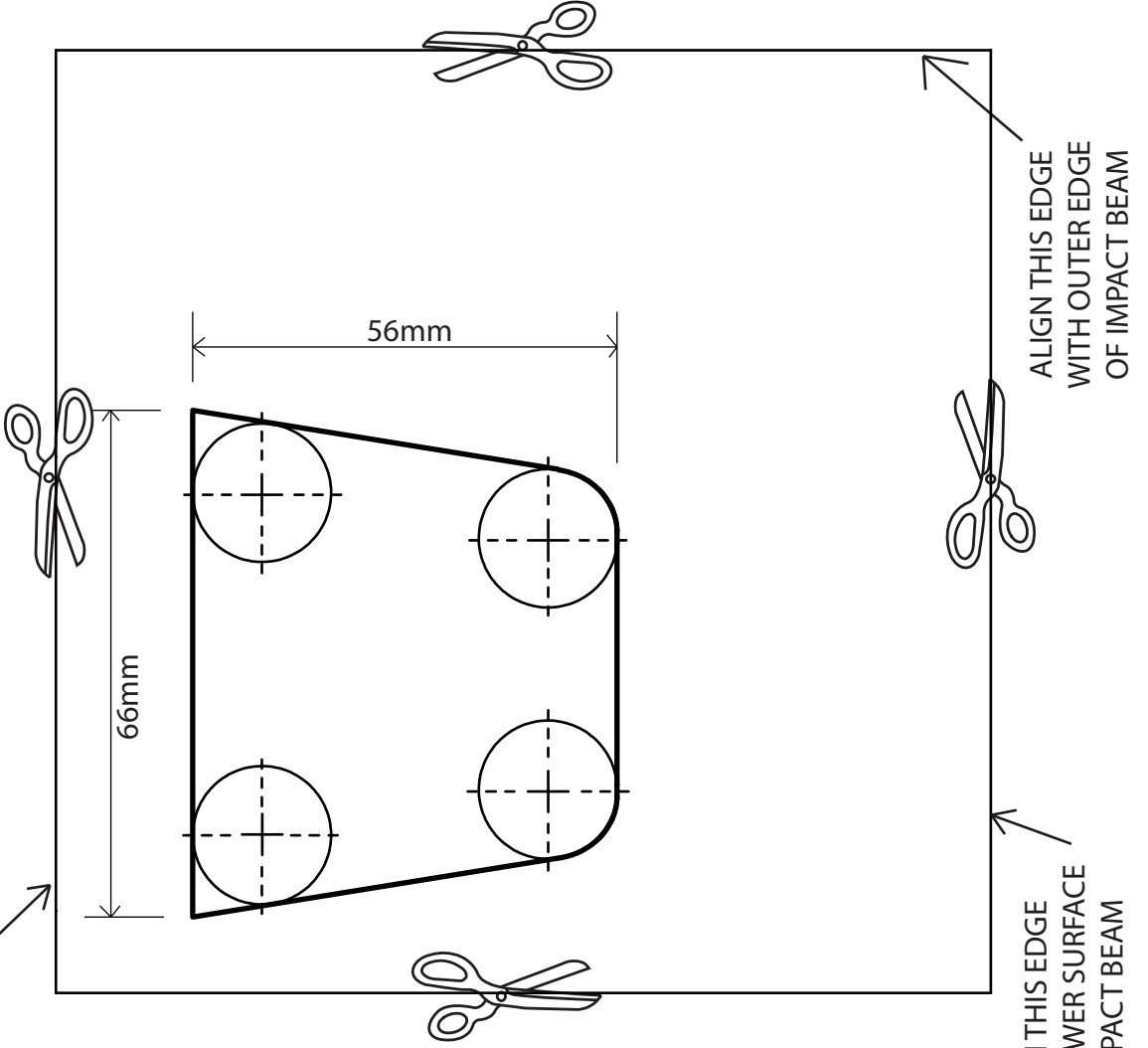
15. Remove centre RH bumper tab from bumper facia.

Reinstall bumper facia to vehicle by following steps 1- 9 in reverse.



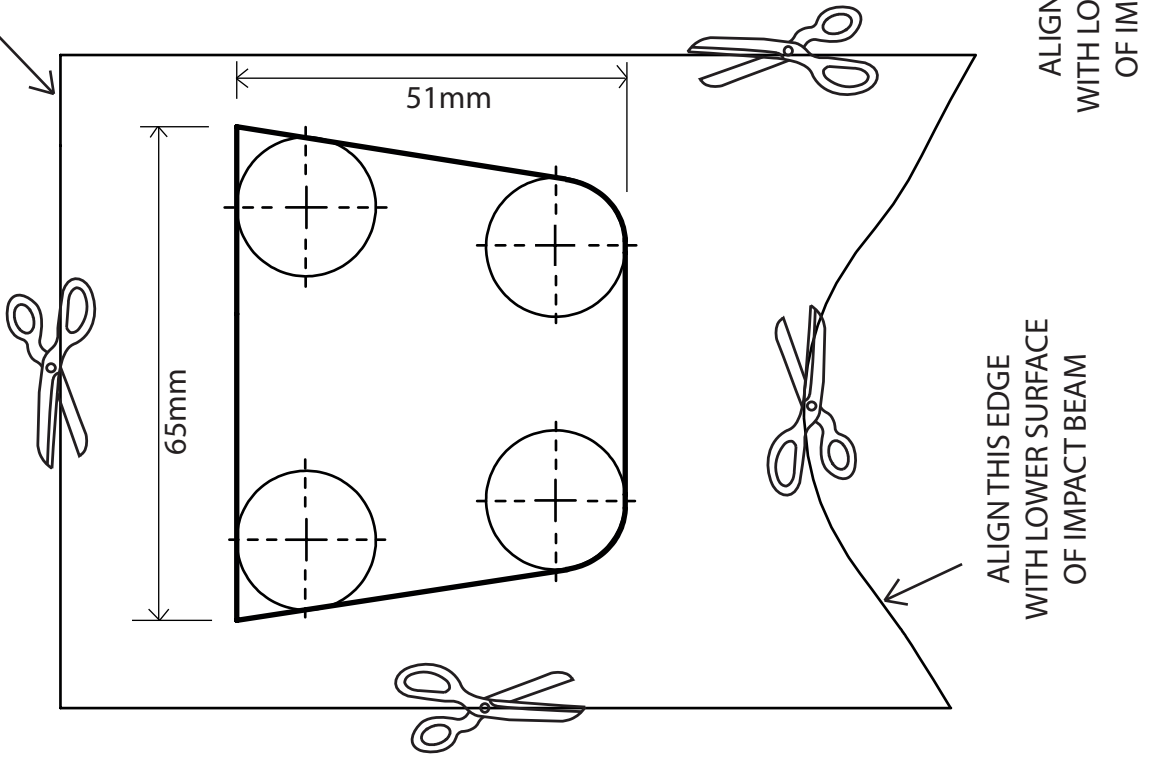
RH REAR PANEL CUT TEMPLATE

ALIGN THIS EDGE
WITH UPPER SURFACE
OF IMPACT BEAM



LH REAR PANEL CUT TEMPLATE

ALIGN THIS EDGE
WITH UPPER SURFACE
OF IMPACT BEAM



HAYMAN REESE
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Wiring Loom Installation Instructions

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Part No: 101185-WL

Tail Harness Length Required: 1800mm

Wiring Loom Installation Time: Approx. 20 minutes

Issue Date 04-06-14

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Part No: 101185-WL

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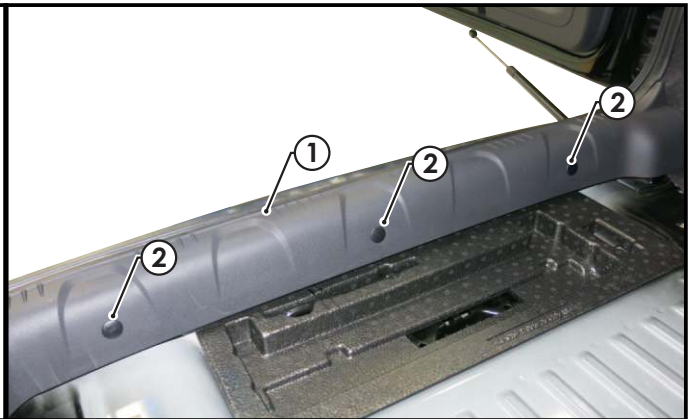
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1. Remove the parcel shelf (1).
2. Remove the floor carpet cover (2).



3. Fold the rear passenger seats forward.
4. Remove the rear trim (1) by removing the three clips (2).



6. On the LHS of the luggage compartment, dislodge the LHS panel (1) by first removing the clip (2).
 7. Carefully flex the LHS panel (1) towards the centre of the vehicle.
- Repeat for the RHS.**



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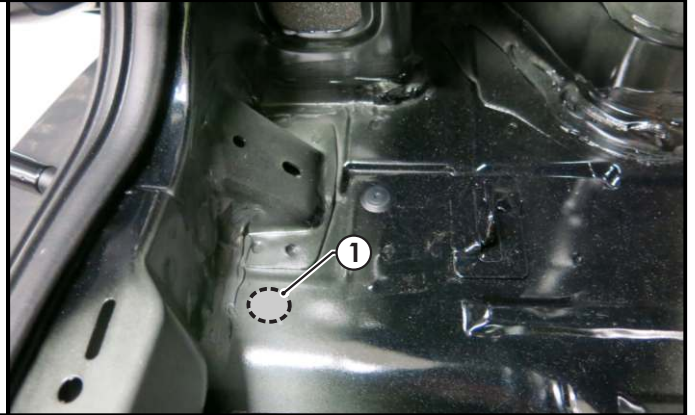


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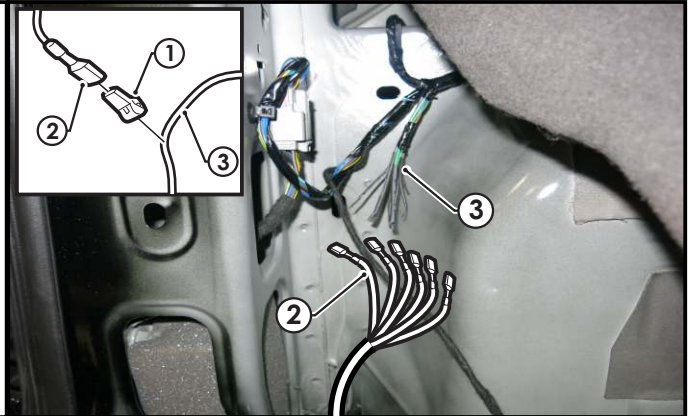
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8. In the LHS rear quarter area, drill a Ø30mm (1) hole next to the existing vehicle grommet.
9. File any rough or sharp edges and apply rust inhibitor.



10. Scotch lock (1) the trailer patch harness wires (P/No: 101185-WL) (2) to the vehicle break out wires (3) by referring to the table below.

Function	Trailer Patch	Vehicle Connector
BRAKE	BLUE / GREY	BLUE / GREY
TAIL	PURPLE / GREEN	PURPLE / GREEN
L.IND	GREY / ORANGE	GREY / ORANGE
REVERSE	BLUE	BLUE
R.IND	GREEN / ORANGE	GREEN / ORANGE
EARTH	BLACK / PURPLE	BLACK / PURPLE



11. Secure the trailer socket head (1) to the towbar mounting bracket using M4 fasteners (not supplied).
12. Route the tail harness across the vehicle and up into the drilled out hole ensuring the trailer patch rubber grommet (2) is seated correctly. Secure the rubber grommet into place with a cable tie (not supplied)



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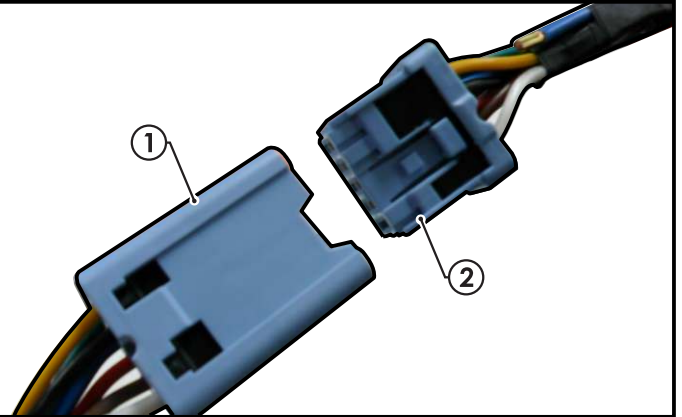


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13. Connect the tail harness (tail length 1800mm) 8-way connector (1) to the trailer patch mating 8-way connector (2).



14. Test the trailer patch function using a light board or multi-meter.
15. Secure all harnesses using cable ties (not supplied) ensuring to keep harnesses away from sharp edges or moving parts.
16. Re-fit all removed parts and secure all fasteners, ensuring there are no squeaks or rattles.
17. Place the fitting instructions in the glove box after fitment.

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