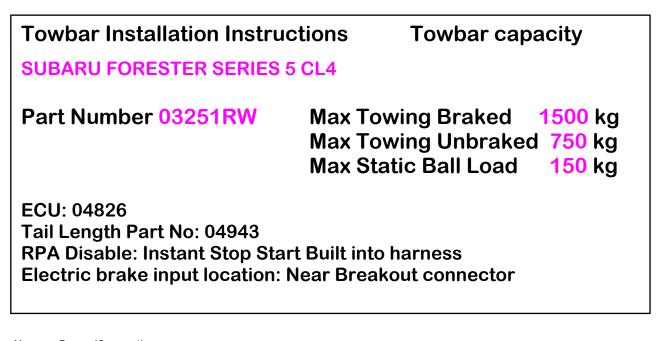
PLEASE ENSURE THAT INSTRUCTIONS ARE UNDERSTOOD PRIOR TO FITMENT PLACE THESE INSTRUCTIONS IN THE VEHICLE'S GLOVEBOX AFTER INSTALLATION IS COMPLETED



Installation Time: Approx 120





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Warning:

- 1. Do not, drill, cut, weld or otherwise modify the towbar.
- If you are using electric welding on a motor vehicle, <u>always</u> check that the vehicle is not equipped with electronic engine or instrument management equipment. Failure to do so could <u>destroy</u> any on board 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 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.

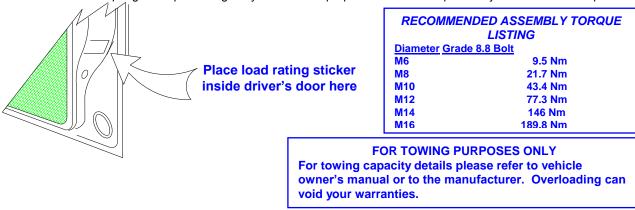
Tow bar Maintenance and Care.

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.

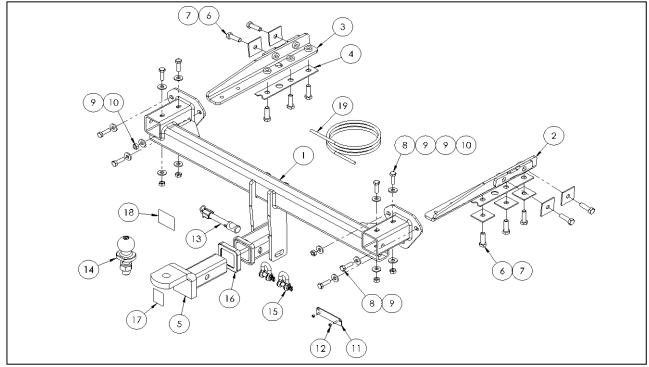
So as to avoid injury, when not towing it is suggested that the tongue, Pull Pin and R-clip are removed then stored in a safe, clean and dry place, away from excessive moisture.

Hitch Pull Pins and spring "R" clips are regularly checked for proper installation. Replace any worn or defective parts.





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ITEM	DESCRIPTION	QTY
1	WELDED ASSEMBLY	1
2	SIDE ARM RHS ASSEMBLY	1
3	SIDE ARM LHS ASSSEMBLY	1
4	SIDE ARM SHIM PLATE	2
5	TRAILER BALL MOUNT	1
6	BOLT M12 - 1.25 x 40mm GR 8.8 Z/P	10
7	LOOSE PLATE - COATED	10
8	SET SCREW HEX HD M10x35x1.25P	8
9	WASHER PLAIN M10 X 25 X 3	14
10	NUT HEX HD M10 X 1.25P G8	6

ITEM	DESCRIPTION	QTY
11	VE PLUG BRACKET	1
12	NUT NYLON LOCK HEX HD M4X0.7P G8	2
13	ANTI-RATTLE PULL PIN ASSY GOLD	1
14	HR TOWBALL	1
15	10mm "D" SHACKLE	2
16	HITCH BOX COLLAR COVER	1
17	H.R STICKER	1
18	ACRYLIC COMPLIANCE LABEL	1
19	WIRING LOOM	1

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

1.	Remove 2 x Phillips head screws from tail light cover. Carefully remove tail-light cover. Repeat for opposite side.	
2.	Remove 2 x screws securing tail-light to vehicle. Carefully pull tail-light rearward to dislodge and unclip any attached wiring. Set aside. Repeat for opposite side.	
3.	On the side of the vehicle, remove 1 x scrivet from inside wheel arch. Repeat for opposite side.	

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 4. Remove all scrivets from underside of bumper. Carefully peel back bumper from corners and remove. Ensure all attached wiring is unclipped. Set bumper aside. 	
 Loosen impact beam by removing 2 x hex head screws and 1 x hex head nut per side. Discard impact beam and fasteners. 	
 Remove exhaust from 2 x rubber hangers and lower. Ensure exhaust is supported. 	

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 7. Remove heat shield above exhaust by removing 4 x hex head screw. Set aside heat shield and fasteners. 	
 Remove 5 x rubber plugs, 3 x bottom and 2 x side, from chassis rail. 	
 9. Insert the supplied 3mm shim plates into chassis rail. Ensure the shim holes align with the horizontal chassis holes. Repeat for opposite side. 	



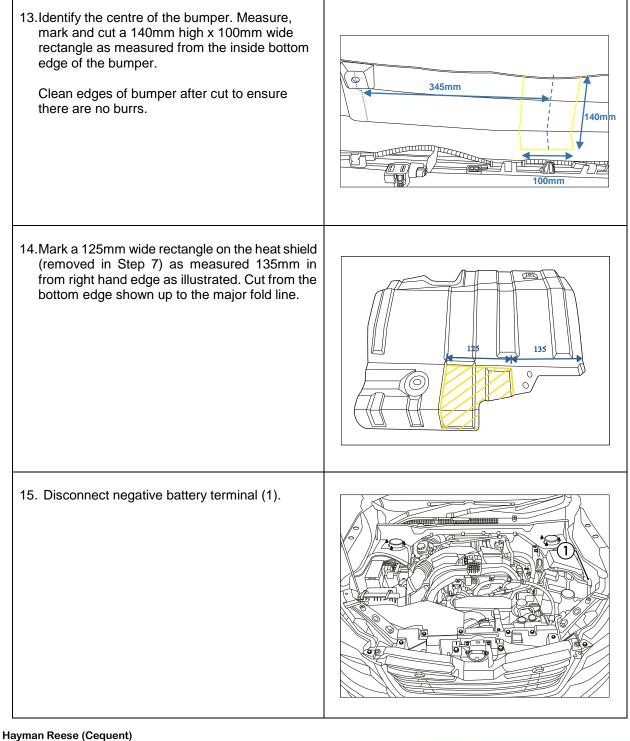
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10.Insert side arm into chassis rail and loosely secure with 5 x M12 x 40mm bolts, 2 x side and 3 x bottom, complete with 1 x square plate per bolt.Repeat for opposite side.	
 11.With two people, lifted welded centre sections over side arm and onto 2 x studs on rear panel. Loosely secure to rear panel with 2 x M10 x 35mm bolts and 1 x M10 nut complete with 1 x washer per nut/bolt. Repeat for opposite side. 	
 12. Secure side arms to welded centre section with 2 x M10 x 35mm bolts complete with 2 x washers and 1 x M10 nut pet bolt as shown. Repeat for opposite side. Tighten all fasteners to the torques listed below: M10 x 35mm: 48 N.m M12 x 40mm: 89 N.m 	

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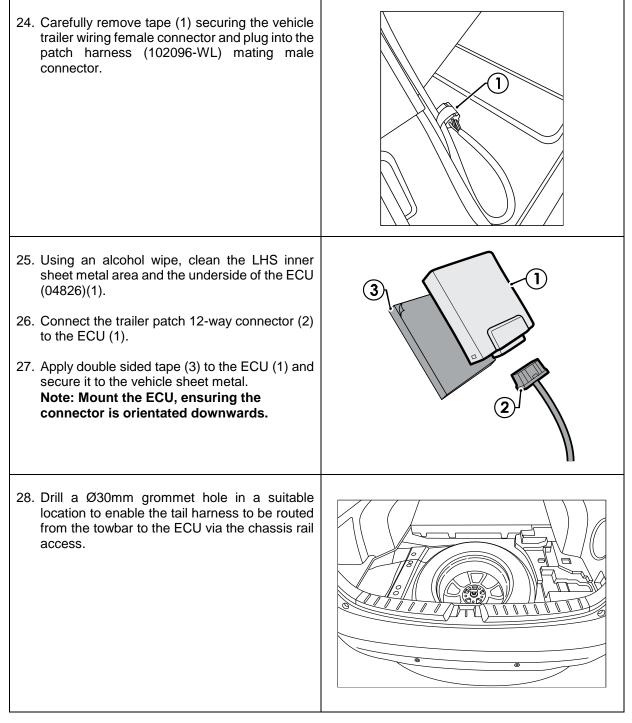
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16. In the boot, fold the rear seats down (1).17. Remove the floor carpet and the spare wheel cover (2).	
18. Remove LHS foam coverings (1) by removing the two black push clips (2).19. Remove the spare wheel (3).20. Remove the boot scuff plate (4) by pulling in an upwards direction.	
 21. Remove the 10mm bolt (1) holding the LHS trim in place. 22. Dislodge the LHS trim (2). 23. Locate the vehicle trailer pre wire female connector. 	

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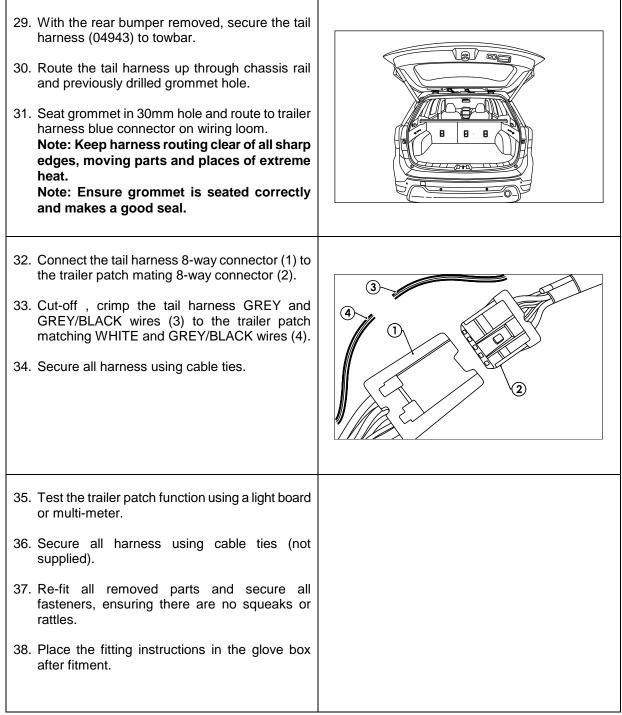


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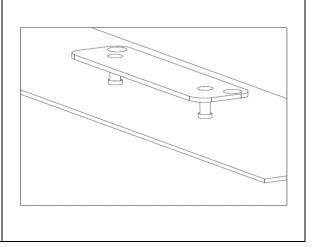


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- 39.Mark out and drill 2 x ø5mm holes 69mm apart on bumper skin to support plug bracket.
- 40.Re-install all components following steps 1-7 in reverse.





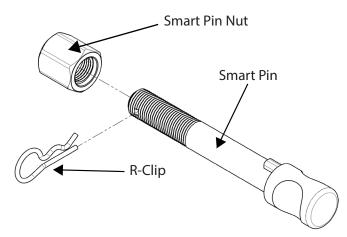


FITTING INSTRUCTIONS Smart Pin (55070BL)

- These fitting instructions are supplied to ensure understanding of how the SMART PIN should be fitted and used correctly.
- Once installed, we recommend <u>ALL</u> instructions are kept and placed in the vehicle glove box.

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

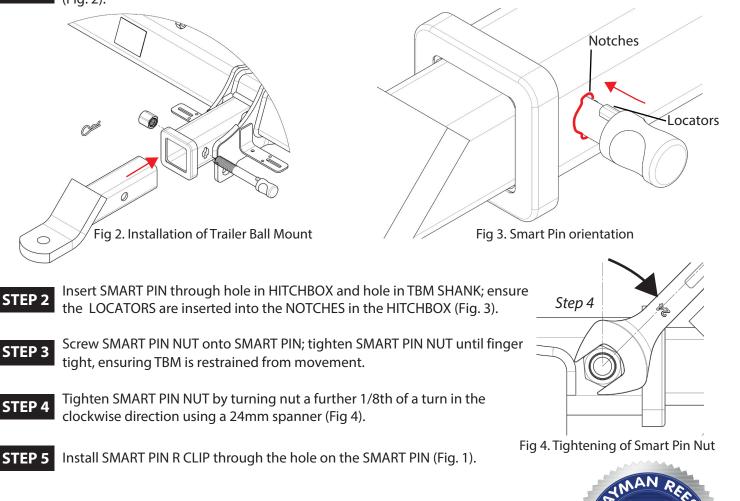
*Do not tow with your vehicle if the R CLIP or the SMART PIN NUT is loose or missing. Replacement parts are available from your Hayman Reese Distributor.





FOR OVER 60 YEARS

STEP 1 Insert Trailer Ball Mount (TBM) into towbar HITCHBOX, aligning hole in TBM SHANK with hole in HITCHBOX (Fig. 2).



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