

INSTALLATION INSTRUCTIONS



02114RW-TO SUIT SUZUKI GRAND VITARA 5 DOOR 9-2005-ON **PLEASE READ INSTRUCTIONS THROUGH BEFORE YOU BEGIN**

WARNING:

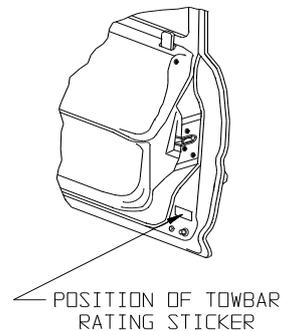
1. Do not, drill, cut, weld or otherwise modify the towbar.
2. If you are using electric welding on a motor vehicle, **always** check that the vehicle is not equipped with electronic engine or instrument management equipment. Failure to do so could **destroy** any onboard computers. If in doubt, check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

Max. Towing Weight: 2000kg

Max Down Load: 200kg

- 1 Ensure all hardware items have been included
- 2 Remove rear muffler from its three rubber hangers.
- 3 Remove tow hook from driver side sub frame then discard.
- 4 Lift towbar into position then align slots in side plates with captive nuts in the sub frame then fasten with hardware supplied as per diagram on the next page.
- 5 Tighten all bolts to torque listing below.
- 6 Towbar rating sticker to be conspicuously located on inside rear end of the driver's door.
(See diagram below)

NOTE: Hayman Reese recommends that you check your towball to ensure it complies with Australian Design Rules.



RECOMMENDED ASSEMBLY TORQUE LISTING

<u>Diameter</u>	<u>Grade 8.8 Bolt</u>
	Nm
M6	9.5
M8	21.7
M10	43.4
M12	77.3
M16	189.8

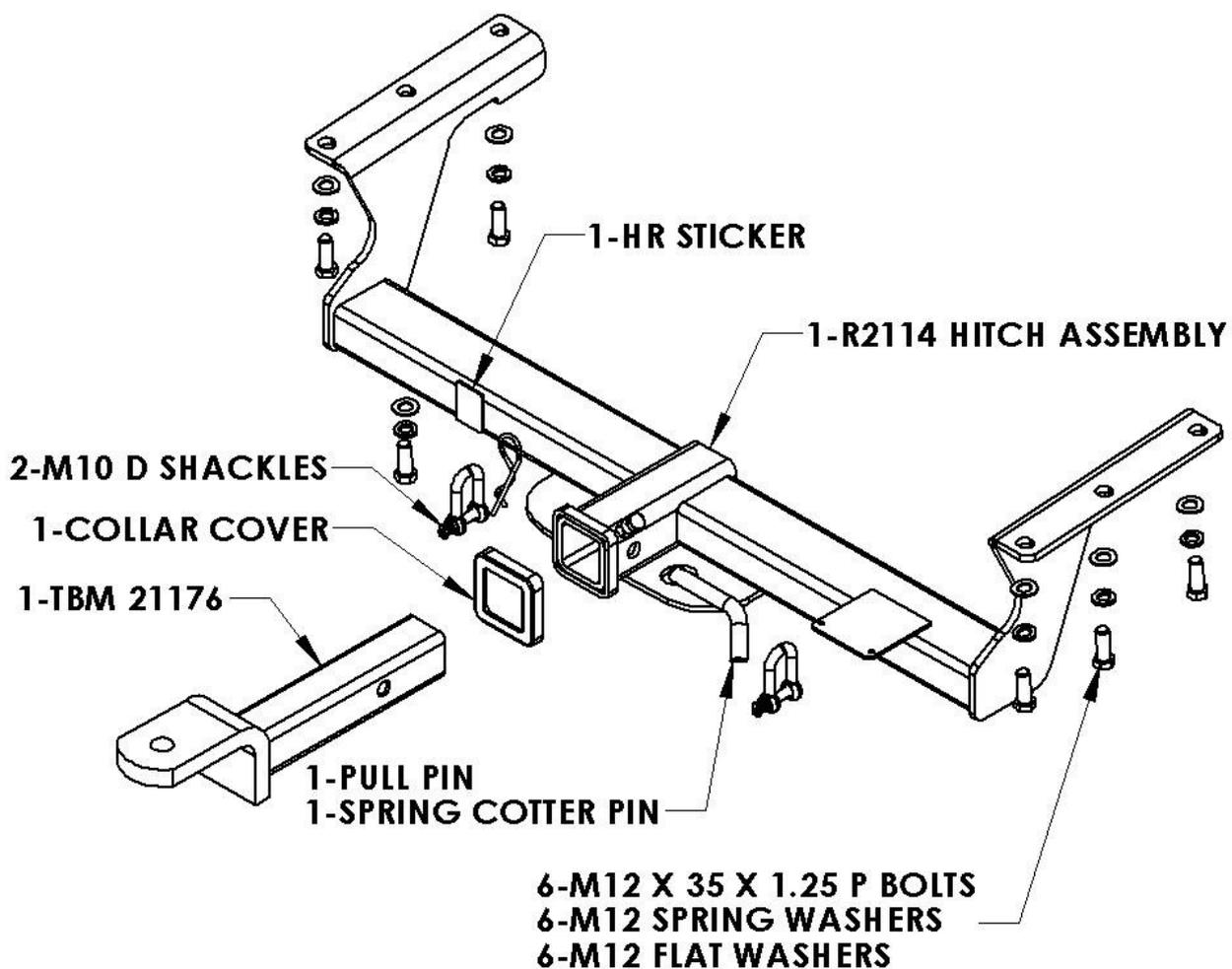
FOR TOWING PURPOSES ONLY
For towing capacity details please refer to vehicle owner's manual or to the manufacturer. Overloading can void your warranties.

PLEASE NOTE: You must remove the lug unless you are actually towing if it obscures your number plate.

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HAYMAN REESE
PART No: 100712-WL
SUZUKI GRAND VITARA MY12

INSTALLATION INSTRUCTIONS

PLEASE ENSURE THAT INSTRUCTIONS ARE UNDERSTOOD PRIOR TO FITMENT

Wiring Loom Installation Instructions
SUZUKI GRAND VITARA MY12

Part No: 100712-WL

Tail Harness Length Required: 1200mm

Wiring Loom Installation Time: Approx. 45 minutes

Issue Date 31-03-14

Page 1

Part No: 100712-WL

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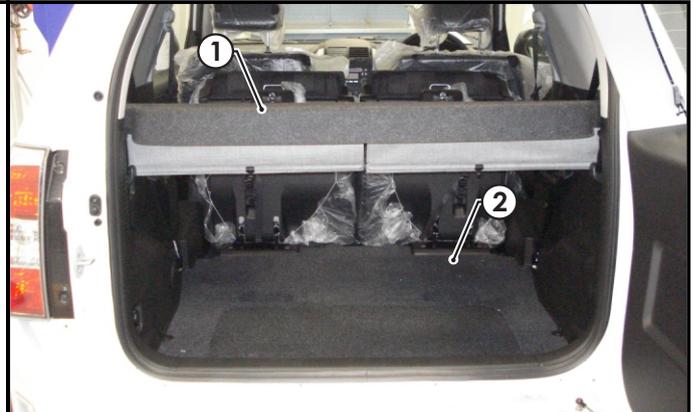


HAYMAN REESE
PART No: 100712-WL
SUZUKI GRAND VITARA MY12

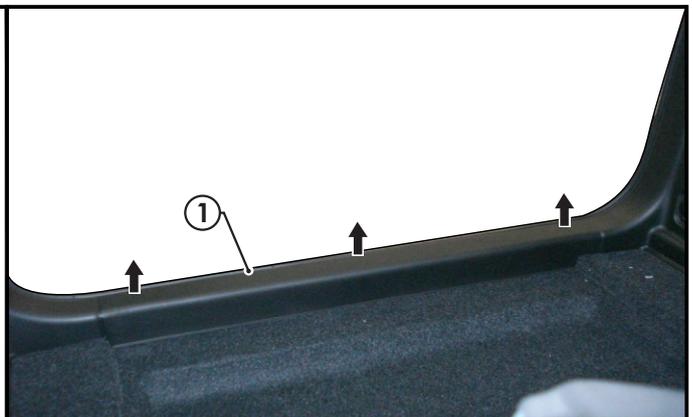
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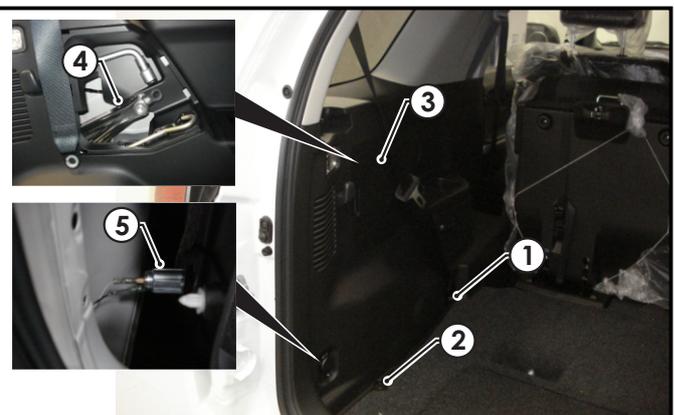
1. Inside the luggage compartment, remove the parcel shelf (1) and the floor carpet cover (2).



2. Remove the rear luggage compartment trim (1) by pulling in an upwards direction.



3. Remove the LHS luggage compartment seat belt fastener (1) and luggage trim clip (2).
4. Remove the tool access panel (3) and jack (4).
5. Carefully peel open the LHS luggage trim and disconnect the 12 volt connector (5).



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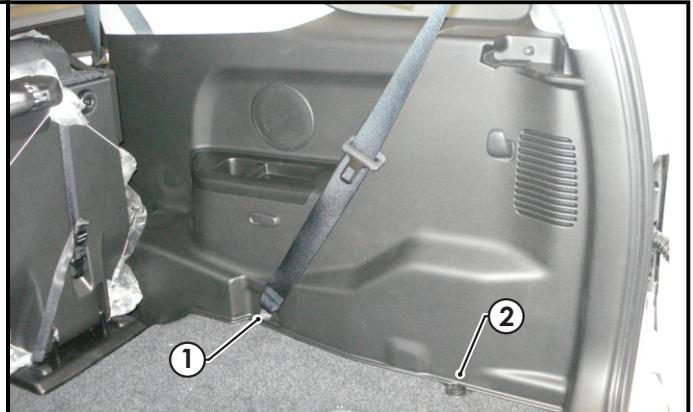


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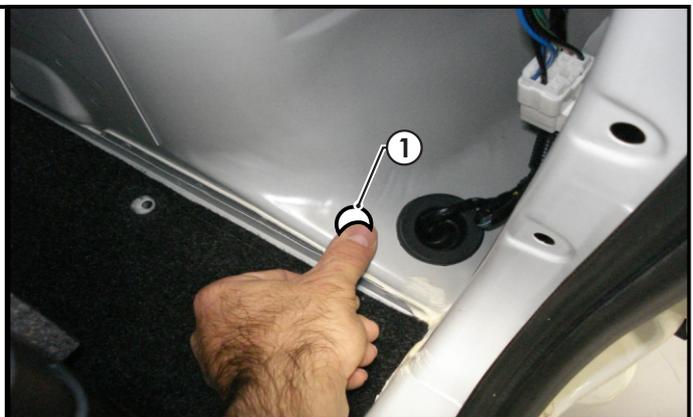
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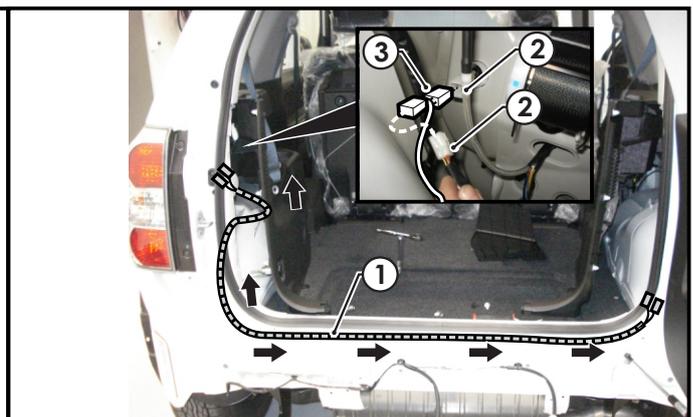
6. On the RHS luggage compartment trim, remove the seatbelt fastener and the trim clip (2).



7. On the rear RHS quarter of the luggage compartment area, drill a Ø30mm hole into the sheet metal in the area as shown (1). File hole and spray on rust inhibitor after drilling.



8. On the LHS of the luggage compartment, disconnect the tail light connector (2) and connect the trailer patch (100712-WL) connectors (3) in between.
9. Route the trailer harness (1) along the rear of the luggage compartment towards the RHS of the vehicle.



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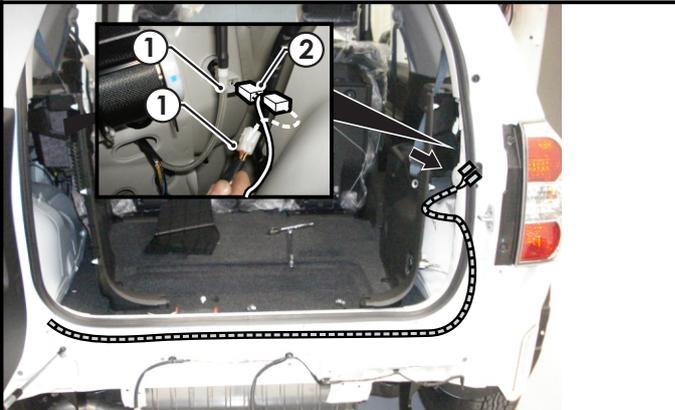


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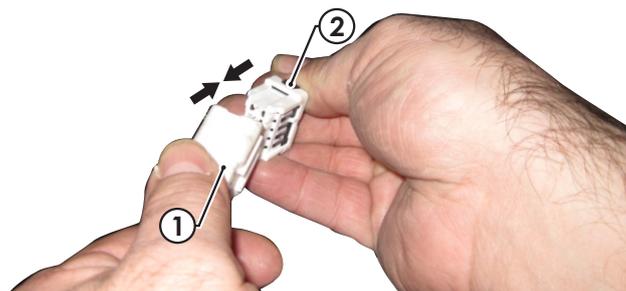
10. On the RHS of the luggage compartment, disconnect the tail light connector (1) and connect the trailer patch connectors (2) in between.



11. Mount the trailer socket (1) to the tow bar mounting bracket using M4 fasteners (not supplied).
12. Route the tail harness (2) across the tow bar towards the RHS of the vehicle and up through the previously drilled out hole.
13. Ensure the tail harness grommet is seated correctly and secure in place using a cable tie (not supplied).



14. Connect the tail harness (tail length 1200mm) 8-way connector (1) to the trailer patch mating 8-way connector (2).



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- | | |
|---|--|
| <ol style="list-style-type: none">15. Test the trailer patch function using a light board or multi meter.16. Secure all harnesses using cable ties (not supplied).17. Re-fit all removed parts and secure all fasteners, ensuring there are no squeaks or rattles.18. Place the fitting instructions in the glove box after fitment. | |
|---|--|

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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 **ALL** 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.**

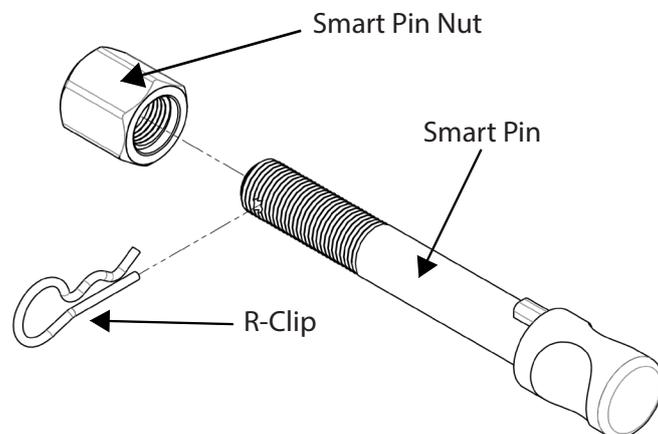
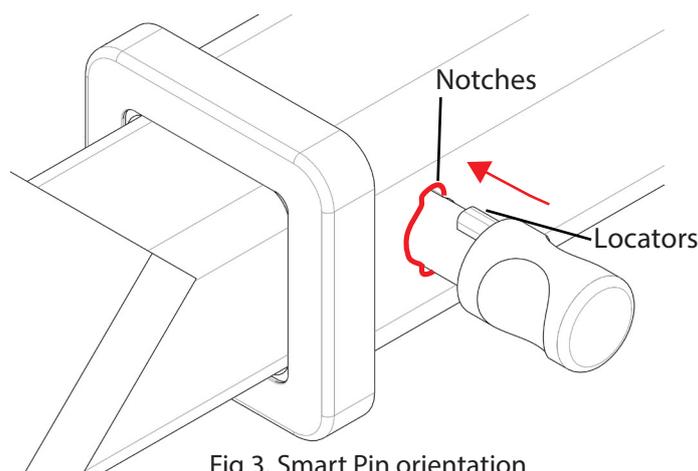
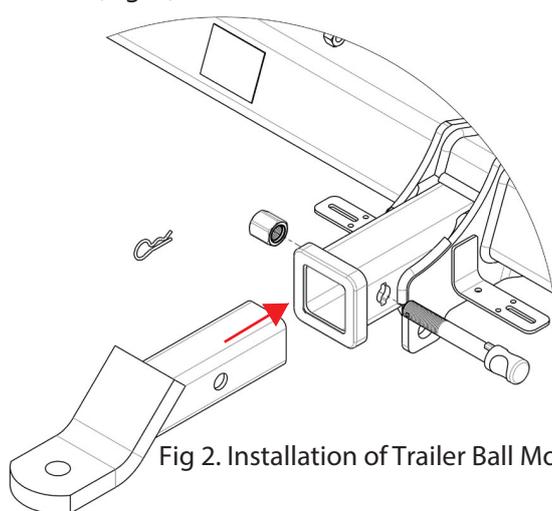


Fig 1. Smart Pin assembly

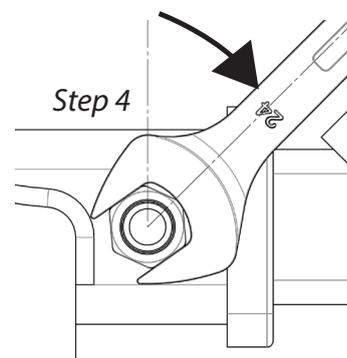
STEP 1 Insert Trailer Ball Mount (TBM) into towbar HITCHBOX, aligning hole in TBM SHANK with hole in HITCHBOX (Fig. 2).



STEP 2 Insert SMART 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 SMART PIN NUT onto SMART PIN; tighten SMART PIN NUT until finger tight, ensuring TBM is restrained from movement.

STEP 4 Tighten SMART 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 SMART PIN R CLIP through the hole on the SMART PIN (Fig. 1).

