

# INSTALLATION INSTRUCTIONS



## **R1627 - TO SUIT MITSUBISHI CHALLENGER 4WD 98-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: 2270kg

1. Ensure all hardware items have been included.
2. Remove and disguard both shipping hooks.
3. Raise towbar to vehicle chassis and align side arm holes to vehicle shipping hook anchor points.
4. Insert two M12x40 bolts to support bar loosely.
5. Insert four M12x120 bolts see diagram below.
6. Tighten all bolts to torque listing below.
7. 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 to Australian Design Rules.

### **RECOMMENDED ASSEMBLY TORQUE LISTING**

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

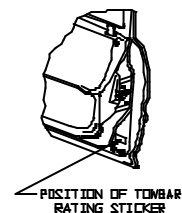
**FOR TOWING PURPOSES ONLY**  
For towing capacity details please refer to vehicle owner's manual or to the manufacturer. Overloading can void your warranties

When using Trailer Ballmount part no. 21196 a maximum ball weight of 120kg applies. Hayman Reese recommends the use of a Weight Distributing Hitch according to the following table:

Ball Weight is up to 82kg	use Mini WDH	part no. 4180
Ball Weight is between – 82kg to 150kg	use 350 WDH	part no. 63501
Ball Weight is between – 150kg to 250kg	use 550 WDH	part no. 74504
Ball Weight is between – 250kg to 340kg	use 750 WDH	part no. 76504
Ball Weight is between – 340kg to 455kg	use 1000 WDH	part no. 69004

**PLEASE NOTE:** You must remove the lug unless you are actually towing if it obscures your number plate. Failure to do so may result in a fine.

**IMPORTANT:** Please see over for safety chain hook-up procedure.



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