

INSTALLATION INSTRUCTIONS



R1758 - TO SUIT NISSAN PATROL GU GQ CAB CHASSIS COIL REAR END 4/92-ON
FORD MAVERICK CAB CHASSIS COIL SPRING 4/92-3/94
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: 3200kg

If vehicle is fitted with 7ft tray use TBM 21177
If vehicle is fitted with 7ft 6in tray use TBM 21176
If vehicle is fitted with 8ft tray use TBM 21171

1. Ensure all hardware items have been included.
2. Remove centre towing bracket from rear cross member.
3. If number plate and mounting frame are fitted in factory position, remove.
4. Lift towbar up into position and support with jack.
5. Refit centre towing bracket to towbar mounting plate and vehicle cross member using M10x35 bolts and spring washer supplied, loosely.
6. Align most forward holes in side arms with existing holes in chassis and bolt to vehicle using M12x40 bolts and tapped plates and wire as per drawing.
7. Tighten bolts fitted in steps 5 and 6.
8. Using remaining holes in and side arms as a guide drill through chassis and fit bolts, plates and L brackets as per drawing.
9. Tighten all bolts to torque listing below.
10. **NOTE: If number plate mounting frame is to be refitted in factory position, it will have to be fitted up side down to clear towbar.**
11. Towbar rating sticker to be conspicuously located on the inside 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

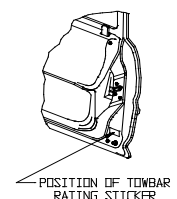
<u>Diameter</u>	<u>Grade 4.6 Bolt</u>	<u>Grade 8.8 Bolt</u>
	Nm	Nm
M6	3.5	9.5
M8	8.6	21.7
M10	16.9	43.4
M12	29.8	77.3
M16	74.0	189.8

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. 21171 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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