

## INSTALLATION INSTRUCTIONS

### **812 - TO SUIT BMW 318i, 323i E30 SEDAN, COUPE, 325i (86-88)** **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.

- 1.Ensure all hardware items have been included.
- 2.Remove boot floor mat.
- 3.Remove bumper bar complete with brackets (four bolts in rear panel and two at bumper bar ends).
- 4.Remove and discard plastic wire retaining strap from centre of crossmember in front of spare tyre compartment, underneath the vehicle.
- 5.Remove and discard brackets from bumper bar.
- 6.Lift towbar into position fitting bolts through towbar and rear panel, supporting front end of towbar with a jack.
- 7.Using driver's side hole in front end bracket as a guide, drill a 10mm clearance hole through bottom face of crossmember.
- 8.Fit loose plate, bolt and spacer from inside vehicle (loosely).
- 9.Aligning loose plate along crossmember spot welds, mark out and drill a 16mm hole through the top panel only.
- 10.Fit spacer, plate and bolt.
- 11.Using remaining two holes in towbar as guides drill rear panel and fit bolts.
- 12.Tighten all bolts to torque listing below.
- 13.Refit bumper bar.
- 14.Relocate speedometer sensor wire to towbar tube with longer plastic tie provided.
- 15.Ensure wire does not foul antiroll bar or driver's side drive shaft coupling.
- 16.Towbar rating sticker to be conspicuously located on inside rear end of the drivers door.  
(See diagram below.)

### **RECOMMENDED ASSEMBLY TORQUE LISTING**

| <b><u>Diameter</u></b> | <b><u>Grade 4.6 Bolt</u></b> | <b><u>Grade 8.8 Bolt</u></b> |
|------------------------|------------------------------|------------------------------|
|                        | <b>Nm</b>                    | <b>Nm</b>                    |
| 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                        |

**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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