



Fitting Instructions

TOWBAR R35
For Rover 45 & MG-ZS
JULY 2004 -

MATERIALS

A	1	Cross Bar
ZF	1	Neck (ZF2031) with European facing to 94/20/EC – A50-1
ZS	2	Packer (ZSB1)
C1	2	Side Arms (Left Hand - Right Hand)
D	4	M10 x 100mm Bolts, Nuts, Lock Washers and Large Flat Washers (40mm O.D.)
D1	2	Spreader Plates (Left Hand – Right Hand)
D2	4	Bushes (17mm O.D. – 65mm long)
E	4	M10 x 30mm Bolts, 2 Nuts and Lock Washers
F	8	M10 x 35mm Bolts, Nuts, Lock Washers and Large Flat Washers (30mm O.D.)
G	1	M16 x 50mm Bolt, Nut and Lock Washer
G1	2	Spreader Plate
G2	1	Bush (34mm O.D. 12 thick)
J	2	M8 x 30mm Bolts, Nuts, Lock Washers and Large Flat Washers (25mm O.D.)
K	2	M12 x 100mm Bolts and Nyloc Nuts (Grade 10.9- torque setting 139Nm)
BC	12	M10 Bolt Caps
CB	2	M16 x 50mm Coupling Bolts, Nuts, Lock Washers

FITTING

1. Remove the floor covering. Remove bumper (5 plastic plugs on top edge of bumper, 2 tip screws and 2 plastic plugs on the lower edge). Remove and discard pressings covering open ends of vehicle frame and temporarily lower the rear exhaust silencer.
2. Insert Side Arms (C1) into chassis and loosely attach using Bolts (J) and drill up for Bolts (D). Temporarily position Spreader Plate (D1), mark around it and remove all mastic compounds. Enlarge top-hole (D), insert Bushes (D2) and loosely attach Spreader Plate (D1) with bolts (D). Using Spreader Plate (D1) as a guide, drill for Bolts (F) with Large Flat Washers on the underside of the floor.
3. Loosely attach Main Cross Bar (A) to Side Arms (C1) using Bolts (E), and to the towing eye using Bolt (G) with Spreader Plates (G1) on both sides of towing eye, Tighten all bolts.
4. Refit bumper and exhaust
5. Loosely attach Neck (ZF) and packers (ZS) to Cross Bar (A) using Bolts (K). Finally tighten all bolts.

Note: This towbar must be used with either a Witter Towball (part number Z1) or Class A50-1 or A50-X towball dimensionally conforming to A50-1 with a 'D' and 'S' value greater than or equal to that of the towbar.

Please refer to the vehicle specification for the trailer weight and nose limits, which **must be observed**.

Recommended torque settings: GRADE 8.8 M8 - 27Nm, M10 - 53 Nm, M12 - 95 Nm, M14 - 150 Nm, M16 - 214 Nm
GRADE 10.9 M12 - 139Nm

