



Fitting Instructions

TOWBAR **BM12**
For **BMW 7 SERIES SALOON**
From 1994-

MATERIALS

A	1	Towbar Mainframe
C	1	Neck assembly with European facing 94/20/EC – A50-1
D1	1	Side Mounting Arm (right hand)
D2	1	Side Mounting Arm (left hand)
E	4	M10 x 25mm Bolts, Lock Washers and Flat Washers (40mm O.D.)
F	4	M10 x 25mm Bolts and Lock Washers
G	4	M10 x 25mm Bolts, Nuts and Lock Washers
H	2	M12 x 80mm Bolts, Nuts and Lock Washers
J	4	M10 x 40mm Bolts, Nuts, Lock Washers and Flat Washers (30mm O.D.)
J1	4	Bushes (15mm long, 32mm O.D.)
CB	2	M16 x 50mm Coupling Bolts, Nuts and Lock Washers
Z	1	ZEP35 Electrical Plate (not shown)

FITTING

1. Remove the boot floor covering, 2 plastic floor panels, rear trim and bumper (3 off M8 nuts each side and 3 clips around the wheel arch panels). Locate the forwardmost mountings (approximately 420mm forward of rear panel running along chassis), and drill 4 x 13mm holes (2 each side) at 100mm centres through second skin.
NOTE: The positions are clearly shown by the existing 13mm holes in the top skin.
2. Locate the exhaust heat shields and remove the 2 innermost fixings to enable the heat shields to be lowered. Slide the side arms (D1) and (D2) between the exhaust heat shield and chassis, and loosely locate using bolts (E) and the 40mm washers. NOTE: An extra pair of hands is required!
3. Remove a 100mm wide x 30mm long slot from the centre of the bumper trim panel and a 65mm wide x 110mm long slot from the bottom edge of the bumper (not visible). NOTE: A faint vertical line inside the bumper marks the centre.
4. Locate 4 dimples in the rear panel and drill out to 11mm (aligns with reinforcing inside). Position the mainframe (A) between the side arms (D1) and (D2) and loosely attach to rear panel using bolts (J) - 30mm washers inside and spacers (J1) outside. Using bolts (F) locate to existing trapped nuts in chassis. Attach side arms (D1) and (D2) to the mainframe (A) using bolts (G). Finally tighten all bolts and refit bumper, trim, etc.
5. Attach neck assembly (C) to the mainframe using bolts (H), and fully tighten.

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: M8 - 27Nm, M10 - 53 Nm, M12 - 95 Nm, M14 - 150 Nm, M16 - 214 Nm

