



Fitting Instructions

TOWBAR MR24
For MERCEDES E CLASS W211
ESTATE

MATERIALS

A	1	Cross Bar
C	1	Neck (ZF3013) with European facing to 94/20/EC A50-1
D	1	Left Hand Sidearm
E	1	Right Hand Sidearm
F	2	Angle Cleat
G	1	Bumper Support
H	4	M12 x 1.75 x 40mm Bolts, Lock Washers and (25mm O.D.) Flat Washers
J	8	M12 x 1.75 x 40mm Bolts, Nuts, Lock Washers and 12 (25mm O.D.) Flat Washers
K	4	M12 x 1.75 x 40mm Bolts, 2 Nuts, Lock Washers and 4 (25mm O.D.) Flat Washers
L	2	M8 x 1.25 x 20mm Bolts, Nuts, Lock Washers and (20mm O.D.) Flat Washers
M	2	M12 x 1.75 x 100mm Bolts (Grade 10.9) and Nyloc Nuts
N	1	M10 x 1.5 x 25mm Bolts, Nut, Lock Washer and 2 Flat Washers (20mm O.D.)
ZEP1	1	Electrical Mounting Plate
ZEQ	1	Angle Plate
CB	2	M16 x 50mm Coupling Bolts, Nuts, Lock Washers

FITTING

1. Remove bumper (2 bolts behind boot side panels along bumper edge, 2 bolts along rear panel, 1 tip screw and 1 push in clip on wheel arch, 4 clips along rear panel and 2 along lower edge). Remove and discard bumper beam.
2. Insert Sidearms (D) and (E) inside chassis openings and loosely attach to existing holes using bolts (H) with Flat washers (the battery and jack mounting bracket needs to be released to gain access to mounting holes).
3. Loosely attach Crossbar (A) and Angle Cleats (F) to rear panel using Bolts (K) with Flat Washers. Loosely attach Sidearms (D) (E) and Angle Cleats (F) to Crossbar (A) using Bolts (K) with Flat Washers.
4. **Tighten all bolts.** To prevent water entering the chassis/wheel pan area the ends of the chassis must be sealed off (e.g. expanding cavity foam filler).
5. Loosely attach Bumper Support (G) to Crossbar (A) using Bolts (L) with Flat Washers (see sketch below). Refit bumper (check alignment of bumper and adjust Bumper Support (G) as required) and attach Neck (C) with Electrical Plate Angle (ZEQ1) on left hand side, attach Electrical Plate (ZEP1) to Electrical Plate Angle (ZEQ1) using Bolt (N), **fully tighten bolts** - Note: If Electrical Plate (ZEP1) is not required it may be rotated and hidden inside bumper.

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, also for use with Witter Removable Towball Unit (part number ZQ3013).

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, **M12 (10.9) – 139Nm**, M16 - 214 Nm

