



Fitting Instructions

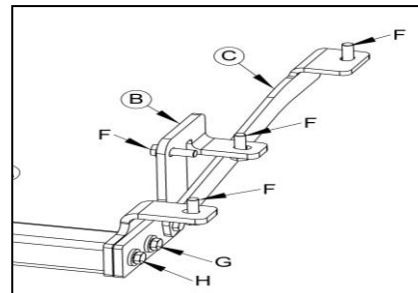
TOWBAR
For Renault Master 2010- RN103B
Vauxhall Movano 2010-

MATERIALS

A	1	Cross Bar with European facing to 94/20/EC A50-1
B	1	Right Hand Side Arm
C	1	Right Hand Side Arm Long
D	1	Left Hand Side Arm
E	1	Left Hand Side Arm Long
F	8	M12x40x1.75mm Bolt, Washer (30mm OD) and Lock Washer
G	2	M12x40x1.75mm Bolt, Washer (30mm OD), and Nyloc Nuts
H	2	M12x40x1.75mm Bolt, Washer (30mm OD), Lock Washer & Cage nuts.
K	4	M12x40x1.75mm Bolt, Washer (30mm OD) and Nyloc Nuts.
L	1	ZEP 35
M	1	Towball Cover
CB	2	M16x65x2.00mm Bolt, Lock Washer and Nut

Tools required:

Sockets
19mm, and 24mm.
Spanners 19mm, 24mm



FITTING

1. Remove towing eye on underside of left chassis rail and hand to customer. Clean captive threads thoroughly.
2. Using bolts (F), loosely attach Towbar Main Frame (A) to rearmost mounting points to support the weight. Insert cage nuts (H) into end of crossbar as per cage nut diagram.
3. Attach Sidearm (B) to chassis using bolts (F) leaving loose. Fit bolts (G) and (H) to cross bar.
4. Fit Left side arm (C) to forward mounting points using bolt (F). Using Bolts (K) secure the arm (C) to side arm (B)
5. On Left side repeat the steps 3 & 4 for side arms (D) & (E)
6. Finally tighten all bolts to their recommended torques settings beginning with vertical and horizontal bolts (F). Finish with bolts to main frame and side arms.
7. Attach selected coupling using coupling bolts provided.

Note: This towbar must be used with either a Witter Towball (part number Z11) 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: M12 - 80 Nm, M16 - 200 Nm

