



# Fitting Instructions

TOWBAR F53  
For FORD ORION  
MARCH 1986 - 1990

## MATERIALS

A	1	Rear Cross Bar
A1	1	Forward Cross Bar
C	1	Centre Tube with international facing to BS AU114 (ISO 3853)
D	2	M10 X 90mm Bolts, Nuts and Lock Washers
D1	2	Bushes (57mm long).
D2	2	Spreader Plates
E	2	M10 X 30mm Bolts, Nuts and Lock Washers
F	1	M10 X 30mm Bolt, Nut, Lock Washers and 1 large Flat Washer (50mm O.D.)
G	4	M10 X 25mm Bolts, Nuts, Lock Washers and 2 large Flat Washers (50mm O.D.)
H	2	Shaped bracing straps
CB	2	M16 x 50mm Coupling Bolts, Nuts, Lock Washers
	7	M10 Bolt Caps

## FITTING

1. No need to remove bumper. Lift Floor covering in boot and remove spare wheel. In line with the large hole in the side of the frame, drill up from below the centre of the frame for Bolts (D) in to the boot. From above open up the holes just drilled just sufficiently to insert Bushes (D1) down into the frame. Loosely attach with Spreader Plates (D2) under the bolt heads across the frame.
2. Loosely attach Centre Strut (C) to the Cross Bar with Bolts (E) ensuring that the centre tube plate is attached inside the angle of the Cross Bar as shown. Centralise the assembly, mark off and drill the spare wheel pan for the Centre Bolt (F). Attach with Cross Bar (A1) between the tube and the spare wheel pan.
3. Square up the Cross Bar and drill the outer holes (G). Attach the straps (H) on the inside and drill the top holes (G), (take care not to damage the pipes on the outside). Attach with large flat washers on the outside of the pan.
4. Finally tighten all bolts and fit the bolt caps inside the car.

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

