



Fitting Instructions

TOWBAR G44
For VAUXHALL CARLTON
(OPEL OMEGA)
Saloon with boot November 1986 - 1994

MATERIALS

A	1	Short Cross Bar
A1	1	Flat Spacer Piece
C	1	Fabricated Centre Tube with international facing to ISO 3853 (BS AU114)
D	3	M10 x 30mm Bolts, Nuts, Lock Washers and large Flat Washers (40mm O.D.)
E	3	M12 x 35mm Bolts and Nyloc Nuts
F	1	Shaped Rear Mounting (4 holes)
G	1	Shaped Forward Mounting (3 holes)
H	2	M10 x 130mm Bolts, Nuts, Lock Washers and large Flat Washers (40mm O.D.)
H1	2	Bushes (100mm long, 25mm O.D.)
J	2	M12 x 40mm Bolts, Nyloc Nuts and 2 large Spacer Washers (40mm O.D.)
CB	2	M16 x 50mm Coupling Bolts, Nuts and Lock Washers
	2	M10 Bolt Caps for (H)

FITTING

1. Lift floor covering in boot and remove rear trim panel. Cut out the centre section provided for the towbar. Lay Cross Bar (A) centrally on the floor and use as a guide to cut away the mastic compound. This will reveal the two dimples provided in the floor at 225mm centres - drill out for Bolts (J).
2. Remove the bumper (two nuts inside the boot and disconnect the lamp wire). Drill out the three dimples provided in the rear panel for Bolts (D). NOTE: This can be done without removing the bumper if the holes are drilled from inside the boot. Loosely attach Cross Bar (A) using the Spacer Piece (A1) against the rear panel, and the thick washers between the floor and the cross bar, at the same time attaching Mounting (F) underneath. NOTE: Bolt heads to the inside of the car with large washer on the outside of the panel for Bolts (D).
3. At the forward mounting find the dimples in the floor under the mastic. (These are at 250mm centres and are directly above the large holes in the frame below, towards the rear of the rectangular raised pressings). Cut away the mastic to allow correct seating of the washers and drill for Bolts (H). Tap up Bushes (H1) into the frame from below (these are intended to be a tight fit - if necessary grind or file a small chamfer on the bushes to start them into the frame) and loosely attach Forward Mounting (G) below (drop Bolt (E) in position first).
4. Replace the bumper and attach Centre Tube (C) to the front and rear mountings with Bolts (E). Finally tighten all bolts.

NOTE: 3000 GSi MODEL - This version has a cutting guide moulded into the underspoiler. The guide is offset to the left and is for the G.M. swinging towbar. To fit the Witter G44 a slot 60mm wide, measured from the right hand rib, should be cut.

From 1991 Model - The bumper lower lip wraps further under car and requires cutting to fit the centre fixing.

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

