



# Fitting Instructions

TOWBAR VL41A  
For Volvo XC70 2002-

## MATERIALS

A	1	Cross Bar
C	1	Centre Strut with European facing to 94/20/EC A50-1
D	6	M12 x 40 x 1.75mm Bolts, Lock Washers and Flat Washers (25mm O.D.)
E	2	M12 x 80 x 1.75mm Bolts and Nyloc Nuts
E1	2	Bushes (25mm O.D. – 28mm long)
F	1	M12 x 25 x 1.75mm Bolt and Nuts
G	1	Pop Rivet
G1	1	Heat Shield Mounting Plate
CB	2	M16 x 50 x 2.0mm Coupling Bolts, Nuts and Lock Washers
H	1	Electrical Plate (ZEP-1)
H1	1	M12 x 25 x 1.75 and Nyloc Nut.

## FITTING

1. Pull down lower edge of bumper and slide crossbar inside.
2. Remove towing eye bracket on right hand side. Remove exhaust hanger (2 bolts and 1 pop rivet on heat shield). NOTE: Retain both parts complete with bolts for use if towbar is removed.
3. Loosely attach Cross Bar (A) to captive nuts in chassis using Bolts (D), with Heat Shield Mounting Plate (G1) at the foremost Bolt (D) on left hand side. Attach Mounting Plate (G1) to heat shield using Rivet (G). Remount exhaust on hanger provided on Cross bar (A). Tighten bolts.
4. Cut bumper as shown below. (Note: Removing the bumper might make it easier to cut the bumper).
5. Attach Centre Strut (C) to Cross Bar (A) using Bolts (E) with Bushes (E1) between centre profiles on Cross Bar (A). **Tighten all bolts.**
6. Attach Electrical Plate (H) to Cross Bar (A) in the required position using bolts and nuts (F).

**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

