



Fitting Instructions

TOWBAR VL37
For Volvo XC90

MATERIALS

A	1	Cross Bar
C	1	Centre Strut with European facing to 94/20/EC A50-1
D	6	M12x90x1.75mm Bolts, Nyloc Nuts and Large Flat Washers (40mm O.D.)
D1	6	Bushes (22mm O.D – 55mm long)
E	2	Side Plates
F	4	M12x40x1.75mm Bolts, 2 Nyloc Nuts and 2 Lock Washers
G	2	M12x45x1.75mm Bolts, Lock Washers and Flat Washers (30mm O.D.)
H	1	Exhaust Spacer
J	2	M12x100x1.75mm Bolts, Nyloc Nuts and 1 Flat Washer (25mm O.D.) (Grade 10.9. - Torque setting 139Nm)
K	1	Electrical Plate (ZEP2)
CB	2	M16 x 50mm Coupling Bolts, Nuts, Lock Washers

FITTING

A second person will be required to aid fitting this towbar.

1. Remove spare wheel. Lift out small floor sections on left and right hand side of boot floor. Remove self adhesive foam covers from outside faces of chassis (inside floor sections just uncovered).
2. Lower rear exhaust hanger. Remove self adhesive foam from inside faces of chassis rails.
3. Insert Bolts (D) with Bushes (D1) into chassis from inside boot. Loosely attach Side Plates (E) to Bolts (D). **NOTE:** A second person will be required to hold Bolts (D) in position whilst Side Plates (E) are attached.
4. Loosely attach Cross Bar (A) to Side Plates (E) using Bolts (F). Attach Centre Strut (C) to Cross Bar (A) using Bolts (J) with Electrical Plate (K) on forward Bolt (J).
5. Re-mount exhaust hanger with Exhaust Spacer (H) between chassis and exhaust hanger using Bolts (G). Tighten all bolts. **NOTE:** Bolts (J) have a torque setting of 139Nm.

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: GRADE 8.8: M8 - 27Nm, M10 - 53 Nm, M12 - 95 Nm, M14 - 150 Nm, M16 - 214 Nm
GRADE 10.9: M12 - 139Nm

