



Fitting Instructions

TOWBAR F102
For FORD GALAXY
SEAT ALHAMBRA & VW SHARAN
(2000-)

MATERIALS

A	1	Cross Bar
ZF	1	Flanged Neck to EC 94/20 – A50-1 (ZF3006-A)
C	1	Side Arm (Left Hand)
D	1	Side Arm (Right Arm)
E	6	M12 x 35mm x 1.75 Bolts, Lock Washers and Large Flat Washers (40mm O.D.)
F	4	M12 x 35mm x 1.75 Bolts, Nuts and Lock Washers
G	2	M12 x 100mm x 1.75 Bolts, Nyloc Nuts. (Grade 10.9)
H	1	Electrical Plate (ZEP2)
CB	2	M16 x 50mm Coupling Bolts, Nuts, Lock Washers

FITTING

1. Lower or remove spare wheel. Remove bumper, 3 screws in wheel arch each side, 4 nuts on rear panel and 1 bolt under plastic trim below light cluster, **Note:** The plastic trim panel has to slide rearward after the fish hook style clips have been depressed. See diagram. (Be careful not to crack).
2. Remove bumper inner shell and retain for refitting when bar is removed.
3. Insert Side Arms (C & D) into chassis and loosely attach using Bolts (E). Attach Mainframe (A) to Side Arms (C&D) using Bolts (F). **Tighten all Bolts.**
4. Attach Flanged Neck (ZF) and Electrical Plate (H) to Cross Bar (A) using bolts (G), (N.B Grade 10.9 Torque setting 139 Nm). **Note:** it may be necessary to cut a small notch in bottom edge of bumper, (not visible) to allow desired positioning of plate (H). **Tighten remaining bolts.**

NOTES: 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

