



Fitting Instructions

TOWBAR **VW46**
For Volkswagon Touareg
June 2003 –

MATERIALS

A	1	Cross Bar
C	1	Flange Neck with European facing to 94/20/EC A50-1
D	1	Electrical Plate
E	1	Electrical Plate Angle (ZEQ2)
F	2	M12 x 100 x 1.75 Bolts and Nyloc Nuts (Grade 10.9 – Torque Setting 139Nm)
G	1	M10 x 25 x 1.5 Bolts, Lock Washer and 2 flat Washers (25mm O.D)
CB	2	M16 x 50mm Coupling Bolts, Nuts, Lock Washers

FITTING

1. Remove Bumper, 4 tip screws in each wheel arch, 4 Tip screws along lower edge of bumper and 2 Tip screws under each light cluster. (**Note:** Light cluster is held on by means of a plastic ball and socket type clip. To release clips pull light cluster rearward, take care not to crack. Do not use any type of trim removal tools as a lever, lamps can crack easily.
2. Remove crash beam, retain fixings (X) for fitting of towbar.
3. Attach crossbar (A) using bolts (X)
4. Attach neck (C) to cross bar (A) using bolts (F), (N.B Grade 10.9 Torque setting **139Nm**), with Electrical Plate Angle on left side.
5. The Electrical Plate (D) can be positioned to the side of the towball as shown or attached to the Electrical Plate Angle (D) using bolt (G). **Tighten all Bolts.**
6. Refit bumper.

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

