



# Fitting Instruction

TOWBAR  
For VAUXHALL SIGNUM  
**G82AU  
for  
G82A&  
G82AQ**

## MATERIALS

A	1	Cross Bar
C	1	LH Sidearm
D	1	RH Sidearm
E	1	RH Spreader Plate
F	1	LH Spreader Plate
G	2	Packers
H	2	Bushes 19mm O.D, 117 Long
J	2	Bushes 19mm O.D, 133 Long
K1	2	M12 x 180 x 1.75 Bolts, Nyloc Nuts and Flat Washers (25mm O.D)
K2	2	M12 x 165 x 1.75 Bolts, Nyloc Nuts and Flat Washers (25mm O.D)
L	2	M12 x 35 x 1.75 Bolts, Nuts, Lock Washers and Flat Washers (25mm O.D)
M	2	M12 x 35 x 1.75 Bolts, Lock Washers and Flat Washers (25mm O.D)
N	2	M12 x 100 x 1.75 High Tensile Bolts, Nyloc Nuts (Grade 10.9 – Torque Setting <b>139Nm</b> )
P	1	M10 x 25 x 1.5 Bolt, Nut, Lock Washer and Flat Washer (25mm O.D)
R	1	Electrical Plate (ZEP1)
S	1	Electrical Plate Angle (ZEQ1)

### For use with either

**G82A Flange neck option – ZF3004.** **Note:** This towbar must be used with either a Witter Towball (part number Z11) 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.

**G82AQ Detachable neck option – ZQ3004.** Please refer to ZQ fitting instructions for installation

## FITTING

1. Remove luggage retaining loops from corners of boot (Take off centre cover and undo star head screw). Remove rear panel along boot edge (2 screws on inside face). Loosen boot side trims (2 screws on top edge of trim).
2. Locate dimples in boot floor, (2 on top face of each chassis rail) spreader plates (**E & F**) can be used as a guide to ensure correct positioning. Drill out dimples to sufficient diameter to insert bushes (H & J).
3. Insert bushes (**H & J**) into chassis. Attach spreader plates (**E & F**) using bolts (**K1 & K2**). **Note:** Ensure good mating surface between spreader plates and boot floor, (any acoustic sound proofing agent must be removed).
4. Attach side arms (**C & D**) and packers (**G**) in position shown, using fixings (**K**).
5. Attach crossbar (**A**) using bolts (**L & M**). **Tighten all Bolts.**
6. Attach Neck option and electrical plate angle (**S**) as per separate instructions. Fix Electrical plate (**R**) to either electrical plate angle (**S**) or neck flange.

Please refer to the vehicle specification for the trailer weight and nose limits, which **must be observed**.

**Recommended torque settings:** Grade 8.8 bolts: M10 - 53 Nm, M12 - 95 Nm, M16 - 214 Nm

**Grade 10.9:** M12 – 139Nm, M10 – 78Nm



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