



Fitting Instructions

TOWBAR AL8
For ALFA ROMEO 159 SALOON
Dec 2005 -

MATERIALS

A	1	Cross Bar
B	1	Neck Assembly
C	1	Sidearm (Left Hand)
D	1	Sidearm (Right Hand)
E	1	Support Angle
F	1	Spreader Plate
G	2	Captive Bolt Strap
H	4	Bushes (17mm O.D, 65mm Long)
J	2	M10x25x1.5 Bolts, Lock Washers and Flat Washers (25mm O.D)
K	4	M10x30x1.5 Bolts, Nuts, Lock Washers and Flat Washers (25mm O.D)
L	4	M10 Nuts, Lock Washers and Flat Washers (25mm O.D)
M	2	M10x30x1.5 Bolts, Nuts, Lock Washers and Flat Washers (25mm O.D)
N	2	M10x30x1.5 Bolts, Nuts, Lock Washers and Flat Washers (25mm O.D)
P	4	M10x100x1.5 Bolts, Nuts, Lock Washers and Flat Washers (25mm O.D)
CB	2	M16 x 50mm Coupling Bolts, Nuts, Lock Washers

FITTING

1. Remove bumper, 3 off tip screws in each wheel arch, 1 off tip screw on each outer bottom corner, 2 off torq screws along lower edge, 1 off torq screw under each light cluster. Light Cluster removal: Remove large plastic thumb screw holding trim over rear of light cluster (13mm socket fits over head of screw), remove 3 off small nuts on light cluster, slide rearward).
2. Remove exhaust back box, heat shield and foam packing in crash beam.
3. Cut bumper, heat shield and foam as shown.
4. Attach crossbar (A) to captive nuts in bottom of spare wheel well using fixings (J).
5. Attach sidearms (C) & (D) using fixings (K). Hold sidearms flush against bottom face of chassis and using sidearms as a template drill up through bottom face of chassis dia 11.
6. Insert captive bolt strap (G) through large slot in chassis and refit heat shield and sidearms using fixings (L).
7. Attach Support angle (E) to Neck (B) using fixings (N), attach neck (B) with angle (E) to crossbar (A) using fixings(M). Ensure neck is square to vehicle and using angle (E) as a template mark rear crash beam 4 places. Remove crash beam and drill through both faces (dia 11), Re-fit crash beam.
8. Insert bushes (H) between faces in crash beam and secure using spreader plate (F) and fixings (P).
9. Re-fit exhaust boxes and bumper.

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.

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



CUT 140mm X 100mm SECTION OUT OF HEAT SHILD USING HEAT SHILD FIXING IN CENTRE OF CHASSIS AS A CENTRE REFERENCE.



CUT FOAM PACKING AS PER SKETCH



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