



Fitting Instructions

TOWBAR RL1A
For RELIANT ROBIN
SALOON/ESTATE & VAN 1974 -
and RELIANT RIALTO models 1982 -

MATERIALS

A	1	Fabricated Cross Bar with international standard facing to ISO 3853 (BS AU114)
C	2	Side Arms (1 off each hand)
D	4	M10 x 25mm Bolts, Nuts and Lock Washers
E	2	M10 x 65mm Bolts, Nuts, Lock Washers and large Flat Washers (40mm O.D.)
E1	2	Bushes (36mm long, 17mm O.D.)
F	2	M10 x 75mm Bolts, Nuts, Lock Washers and large Flat Washers (40mm O.D.)
F1	2	Bushes (54mm long, 17mm O.D.)
G	2	Fuel Tank Lowering Straps
G1	2	M8 x 20mm Bolts, Nuts and Lock Washers
H	2	Exhaust Lowering Straps (30mm front/40mm rear)
H1	2	M8 x 20mm Bolts, Nuts and Lock Washers
CB	2	M16 x 50mm Coupling Bolts, Nuts and Lock Washers

FITTING

1. First remove fuel tank. Measure 20mm in front of rear end of chassis and drill up M10 for Bolt (E) through chassis and floor of vehicle. NOTE: On some models a fixing bolt holding the floor to the chassis is fitted here - remove the bolt and open the hole out. Insert Bushes (E1) in end of chassis frame and loosely attach Side Arms (C) to chassis with Bolts (E) (side arm with cut goes on right hand side) - using large flat washers under the bolt heads above the floor.
2. Attach Main Cross Bar (A) to side arms with Bolts (D).
3. Centralise assembly and drill right up through chassis M10 for forward Bolts (F). From inside vehicle open up topmost holes just drilled sufficiently to insert Bushes (F1) into frame. Bolt up with large flat washers underneath bolt head above the floor. Finally tighten all bolts and replace fuel tank. On later models it will be necessary to lower the tank by means of Straps (G) and Bolts (G1) to avoid fouling the breather pipe. If necessary lower the exhaust by means of the Straps (H) and Bolts (H1) (shorter strap at the front).

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

