



Fitting Instructions

TOWBAR KA2
For KIA SPORTAGE
1995 - July 1998

MATERIALS

A	1	Mainframe
C	1	Neck assembly with international facing to ISO 3853 (BS AU114)
D	4	M10 x 25mm Bolts, Nuts and Lock Washers
D1	1	LH Sidearm
D2	1	RH Sidearm
E	2	M12 x 30mm Bolts and Lock Washers
E1	2	Angle Cleat
F	2	M10 'U' Bolts, 4 Nuts and Lock Washers
G	2	M12 x 80mm Bolts, Nyloc Nuts
H	1	M12 x 80mm Bolts, Nut, Lock Washer and Flat Washer (30mm O.D)
H1	1	Spacer Tube 19 O.D. 56mm long
CB	2	M16 x 50mm Coupling Bolts, Nuts and Lock Washers

FITTING

1. Loosely attach mainframe (A) to vehicle tubular cross member using 'U' bolts (F). Centralise mainframe and drill a 13mm diameter hole through cross member using the mainframe (A) as a jig. Remove mainframe (A) and open out the 13mm hole to accept spacer tube (H1) (one side only). Refit mainframe (A) using bolt (H), spacer tube (H1) and 'U' bolts (F).
2. Loosely attach sidearms (D1) and (D2) to mainframe (A) using bolts (D). Drill two 13mm diameter holes in chassis using sidearms as a jig (see sketch), loosely attach using angle cleats (E1) and bolts (E).
3. Tighten all bolts ensuring mainframe (A) remains central and horizontal. Attach neck assembly (C) using bolts (G) and fully tighten.

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

