



Fitting Instructions

TOWBAR SY4
For SSANGYONG KORANDO
(1997- 1999)

MATERIALS

A	1	Centre Faceplate with European facing 94/20/EC – A50-1
A1	1	Cross Bar
C1	1	Sidearm, left hand
C2	1	Sidearm, right hand
D	4	M12 x 130mm x 1.75 mm Bolts, Nuts, Lock Washers and Large Flat Washers (6 off 40mm O.D.)
D1	2	Bushes (28mm OD x 79 mm long)
D2	2	Bushes (28mm OD x 89 mm long)
E	5	M12 x 35mm x 1.75 mm Bolts, Nuts, Lock Washers and Large Flat Washers (3 off 40mm O.D.)
F	4	M12 x 80mm x 1.75 mm Bolts, Nuts, Lock Washers and Large Flat Washers (4 off 40 mm O.D.)
F1	4	Bushes (19 mm OD x 55 mm long)
G	4	M12 x 30 mm x 1.75 mm Bolts, Nuts and Lock Washers
CB	2	M16 x 50mm Coupling Bolts, Nuts and Lock Washers

FITTING

1. Insert Crossbar (A1) into rear transverse crossmember and loosely attach Centre Faceplate (A) to crossmember and Crossbar (A1) using 2 Bolts (D), with Bushes (D1) inside crossmember and Large Flat Washers on top surface.
2. Loosely attach Crossbar (A1) to crossmember using Bolts (E), with Large Flat Washers on bumper side (for the three horizontal bolts) and inside crossmember (for the two vertical bolts).
3. Insert Bushes (D2) inside outer vertical holes in vehicle crossmember and attach using remaining Bolts (D), with Large Flat Washers above and below chassis.
4. Mark off and drill two 13mm dia. holes through inboard faces of vehicle frame (hole H, one on each side), to align with existing holes in outboard face as shown.
5. Position Sidearms (C1 and C2) to Centre Faceplate (A) using Bolts (G), and the holes in the frame using Bolts (F) with Bushes (F1) and Large Flat Washers on outboard face. Mark the position of the rearmost hole in the sidearm plate.
6. Remove the sidearms and drill through both walls of vehicle frame with 13mm dia. drill. Enlarge holes in inboard faces only to 20mm dia.
7. Loosely attach sidearms as before, ensuring Large Flat Washers are on outboard face. Tighten all Bolts.

Note: This towbar must be used with either a Witter Towball (part number Z1X) 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

