



# Fitting Instructions

TOWBAR HY12A  
For HYUNDAI SONATA  
1993- 1998

## MATERIALS

A	1	Towbar Mainframe.
C	1	Centre tube with European facing 94/20/EC – A50-1
C1	1	Side Arm (left hand side)
C2	1	Side Arm (right hand side)
D	4	M12 x 30mm Bolts, 3 Nuts and 4 Lock Washers
E	2	Cleats
F	2	M10 x 30mm Bolts, Nuts and Lock Washers
G	2	M12 x 75mm Bolts and Nyloc Nuts
H	2	M10 x 30mm Bolts, Nuts, Lock Washers and Large Flat Washers (40mm O.D.)
J	4	M10 x 30mm x 1.25 Bolts and Lock Washers
J1	1	Forward Side Arm (left hand side)
J2	1	Forward Side Arm (right hand side)
K	2	M10 x 100mm Bolts, Nuts, Lock Washers and Large Flat Washers (40mm O.D.)
K1	2	Bushes (22mm O.D. 72mm long)
CB	2	M16 x 50mm Coupling Bolts, Nuts and Lock Washers
BC	2	Bolt caps.

## FITTING

1. Mark up through the large forward hole in the chassis and drill down from inside the boot for Bolt (K) (**Note:** The rear exhaust silencer will have to be lowered and from mid 1996 vehicles the exhaust heat shield also has to be lowered. The heat shield may have to be drilled to give bolt clearance). Remove bumper mounting bolts at (J) and (X). Insert Bushes (K1) into the chassis and loosely attach Side Arms (C1, J1) and (C2, J2) to captive nuts in vehicle frame using bolts (J) and Bolts (K) with Large Flat Washers inside the boot.
2. Loosely attach Cleats (E) to Side Arms (C1) and (C2) using Bolts (F) and to captive nuts in vehicle frame using existing bolts at (X) on vehicles when present (**Note:** The vertical fixing at (X) are not present on 1996 specification vehicles and cleats (E) are not required).
3. Loosely attach Towbar Mainframe (A) to Side Arms (C1) and (C2) using Bolts (D).
4. Loosely attach Towbar Mainframe (A) to holes in the rear panel using Bolts (H) and Large Flat Washers.
5. Attach Centre Tube (C) to Towbar Mainframe (A) using Bolts (G). Finally tighten all bolts.

This towbar must be used with either a Witter Towball (part number Z1) 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

