



Fitting Instructions

TOWBAR TY121A
For LEXUS IS 200
1999 -

MATERIALS

A	1	Tubular Crossbar with European facing to 94/20/EC – A50-1
BC	4	M12 Bolt Caps
D	1	Left Hand Sidearm
E	1	Right Hand Sidearm
F	4	M12x40x1.25mm Fine Pitch Bolts, Lock Washers and Flat Washers (25mm O.D)
G	1	M12x100x1.75mm Bolts, Nut, Lock Washer and Flat Washer (30mm O.D)
G1	1	19mm O.D., 69mm long Bush
H	1	M12x90x1.75mm Bolts, Nut, Lock Washer and Flat Washer (30mm O.D)
H1	1	19mm O.D., 56mm long Bush
J	1	3mm Spacer
K	4	M12x40x1.75mm Bolts, Nuts and Lock Washers
L	1	Self adhesive Rubber Pad
CB	2	M16x50x2.0mm Coupling Bolts, Nuts and Lock Washers
Z	1	ZEP35 Electrical plate (not shown)

FITTING

1. Remove boot floor covering.
2. Remove plastic cover obscuring the left hand towing hook bolts, remove and discard towing hook. Lower exhaust by removing the 2 nuts securing the rearmost exhaust hanger to boot floor, allow exhaust to drop. Remove the exhaust heat shield and cut as shown below. Remove and discard the 2 dummy bolts in the boot floor.
3. Position Sidearms (D), (E) and Spacer (J) against boot floor and loosely attach using Bolts (F) (**note: bolts are fine pitch**) with Flat Washers, attach Crossbar (A) to Sidearms using Bolts (K). Using Sidearms as a guide drill through boot floor and chassis for Bolts (G) and (H) (it is also possible to drill these holes from above if the forward dimple in the chassis recess is used as a guide). Enlarge hole in chassis to allow Bushes (G1) and (H1) to be inserted from above and secure using Bolts (G) and (H) with Flat Washers
4. Finally, **Tighten all Bolts** and refit heat shield, exhaust etc.
5. Fit Self adhesive rubber pad (L) to sidearm (E) to eliminate possible exhaust contact. Fit Bolt Caps (BC) to Bolts (K).

Note: 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

