



Fitting Instructions

TOWBAR TY87A
For TOYOTA 4 RUNNER
from 1990

MATERIALS

A	1	Tubular Mainframe with international facing to ISO 3853 (BS AU114)
C	2	Side Mounting Plates (1 off each hand)
D	6	M12 x 35mm x 1.75mm Bolts, Lock Washers, 6 large Washers (40mm O.D.), 4 Nuts and 2 large Washers (50mm O.D.)
D1	2	Spreader Plates with 1 fixed nut
E	6	M12 x 35mm x 1.75mm Bolts, Nyloc Nuts
F	2	M10 x 100mm x 1.5mm Bolts, Nyloc Nuts and 4 large Flat Washers (40mm O.D.)
F1	2	Bushes - 56mm long (oval - 17 x 26mm)
G	2	M8 x 15mm Bolts and Lock Washers
H	1	Spacer Plate
J	2	M8 x 30mm Bolts, Nuts (4 off) and Lock Washers
K	1	Cleat
L	2	M8 Nuts and Lock Washers
CB	2	M16 x 50mm Coupling Bolts, Nuts and Lock Washers

FITTING

1. Remove the towing eye from the frame (it is necessary to lower the rear tailgate to slide the bracket from the frame). NOTE: On V6 models it is necessary to detach the rearmost exhaust mounting and re-attach using Spacer Plate (H) with Bolts (G) and (J) (see figure). It is also necessary to attach Cleat (K) between underside of chassis and spare wheel winding mechanism block using original bolts with Nuts (L).
2. Loosely attach the Side Mounting Plates (C) using Bolts (D) and (F), insert Oval Bushes (F1) into square holes on outside of frame, and Spreader Plates (D1) inside the frame, and use one 50mm O.D. flat washer inside the frame for the vertical Bolts (D).
3. Loosely attach the Mainframe (A) to Side Plates (C) with Bolts (E). Finally tighten all bolts.

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

