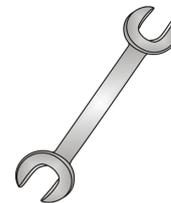




Tow-Trust Towbars

Important: Please read General Notes overleaf before fitting



Issue 3

TT880 TOYOTA LUCIDA/ESTIMA/EMINA MPV & 4WD 1989 - 1998

Item	Qty	Description	Item	Qty	Description
A	1	Crossmember	E	2	M16 x 50 Bolts, Nuts & Washers
B	1	L/H Side Arm	F	8	M12 x 35 Bolts, 5 Nuts & 8 Washers
C	1	R/H Side Arm	G	5	M8 x 35 Bolts & Washers
D	1	Exhaust Spacer	H	3	12 x 40 Flat Washers
			J	2	8 x 25 H/D Flat Washers
			K	8	12 x 25 Flat Washers
			L	1	Nut on Strap

1. Remove mud flaps if fitted.
2. Remove rear bumper. Two central vertical bolts, two tip bolts each side (one top, one bottom).
3. Remove rear number plate to enable disconnection of number plate light, remove rear fog lamp if attached to rear bumper.
4. Remove the two 8mm bolts securing the central bumper support bracket (this is no longer required.) Trim off the plastic lug from the centre of the bumper.
5. Temporarily lower the spare wheel.
6. Remove the rear exhaust box rubbers. Temporarily remove the exhaust bracket and exhaust heat shield.
7. Remove the left hand side towing eye from the chassis, retain the bolts.
8. Using the existing bolts from the towing eye and Item **K** loosely bolt the left hand side arm (Item **B**) to the existing captive nuts in the chassis. Using Item **F** with Item **K** and Item **H** inside the chassis bolt Item **B** to the lower face of the chassis.
9. Using Item **F** with Item **K** and Item **H** inside the chassis bolt the right hand side arm to the existing hole in the lower face of the chassis. If no existing holes are in the side face of the chassis, drill two 13mm holes through the two slots in the side arm, using Item **F** with Item **H** and Item **F** with Item **L** on the forward hole inside the chassis bolt the right hand side arm (Item **C**) to the chassis at the same time trapping the exhaust heat shield.
10. Replace the exhaust hanger using Item **G** with Item **D** used as a spacer between the hanger and the chassis.
11. Using Item **F** with Item **K** bolt Item **A** to Item **B** and Item **C**.
12. Using Item **G** with Item **J** bolt Item **A** in the centre to the existing captive nuts.
13. Fully tighten all nuts and bolts and ensure the towbar is rigid and secure.
14. NOTE: on some models bend the rear hangers so that the silencer does not foul the towbar.
15. Refit the bumper, spare wheel, fog lamp and number plate.
16. Using Item **E** bolt the ball bracket and wiring plate (not supplied in this kit) to the mounting plate.

Note:

1. Recommended Torque Setting for M12 Grade 10.9 -139 Nm. (For other Torque Settings see notes overleaf.)
2. Nose load limits and vehicle manufacturer's trailer / caravan weight limits must be observed.



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