



# Tow-Trust Towbars

Important: Please read General Notes overleaf before fitting

## Issue 2

### TT897 Toyota Avensis Estate 2003>

Item	Qty	Description	Item	Qty	Description
A	1	Crossmember	J	2	M16 x 50 Bolts, Nuts & S/P Washers
B	1	Left Hand Side Arm	K	2	M12 x100 Bolts, Nuts & S/P Washers
C	1	Right Hand Side Arm	L	4	M12 X 40 Bolts, 2 Nuts & 4 S/P Washers
D	2	Two Hole Straps	M	4	M12 x 40 x 1.25 Bolts & S/P Washers
E	2	Four Hole Plates	N	6	M8 x 25 Bolts, Nuts & S/P Washers
F	2	19 x 60 Spacer Tubes	P	2	M8 x 50 Bolts, Nuts & S/P Washers
G	2	19 x 20 Spacer Tubes	R	1	M6 x 30 Bolt & S/P Washer Only
H	1	Extension Bar	S	2	M12 x 85 Grade 10.9 Bolts & Nyloc Nuts
			T	14	12 x 25 Flat Washers
			U	17	8 x 25 Flat Washers
			V	2	12 x 40 Flat Washers
			W	1	6 x 20 Flat Washer

1. Remove boot floor covering.
2. Remove left hand side bumper undertray.
3. Remove towing eyes from each chassis (These are no longer required).
4. Temporarily lower exhaust and remove rearmost heat shield bolt.
5. Temporarily remove lower edge bumper clips.
6. Using Item **M** with Item **T** loosely bolt Item **B** and Item **C** to each chassis.
7. Locate Item **A** inside the bumper and using Item **L** with Item **T** loosely bolt to Item **B** and Item **C**.
8. Remove the four small rubber bungs from the lower edge of each wing.
9. Using the forward hole in Item **B** and Item **C** as a jig, mark the upper chassis. Locate these marks inside the boot and drill 20mm holes down through the top skin only.
10. Locate Item **E** inside each wing and using Item **N** with Item **U** loosely bolt into place.
11. Locate Item **F** into each chassis and using Item **K** with Item **V** loosely bolt Item **D** into place.
12. Using Item **P** with Item **U** and Item **G** loosely bolt Item **D** to rear wing and Item **E**.
13. Push Item **A** up into the bumper and fully tighten all nuts and bolts.
14. Using Item **R** with Item **W** re-bolt the heat shield.
15. Re-fit exhaust.
16. Cut clearance slots in the bumper undertray to clear each side arm.
17. Refit bumper undertray.
18. Replace bumper clips and boot floor covering.
19. Using Item **S** with Item **T** bolt Item **H** to Item **A**.
20. Using Item **J** 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 manufacturers trailer / caravan weight limits must be observed.

