



# Tow-Trust Towbars

Important: Please read General Notes overleaf before fitting

Issue 1

TV345 Vauxhall Astra Estate March 1998>

Vauxhall Astra-Van October 1998>

Item	Qty	Description	Item	Qty	Description
A	1	Crossmember	E	2	M16 x 50 Bolts, Nuts & Washers
B	1	Extension Bar	F	4	M10 x 120 Bolts, Nuts & Washers
C	2	Clamp Plates	G	2	M12 x 85 Grade 10.9 Bolts & Nyloc Nuts
D	4	19x86 Spacer Tubes	H	2	M10 x 35 Bolts, Nuts & Washers
			J	4	12 x 25 Flat Washers
			K	7	10 x 25 Flat Washers

- 1.** Locate the dimples in the boot floor (two each side above each chassis member). Drill 11mm holes down through the chassis and open the top holes only to 19mm.  
**NOTE!** Inside the right hand chassis there is a wire-take care not to damage.
- 2.** Place item **D** into the freshly drilled holes inside the boot. Place item **C** over these holes and locate item **F** down through the plates and tubes. Loosely bolt item **A** using the M10 nuts and item **K**.
- 3.** Using item **H** with item **K** secure item **A** on the right hand side.
- 4.** Using item **G** with item **J** bolt item **B** to item **A**.
- 5.** Using item **E** bolt the ball bracket and wiring plate (not supplied in this kit) to the mounting plate.
- 6.** Fully tighten all nuts and bolts and ensure the towbar is rigid and secure.

**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.

