



Tow-Trust Towbars

Important: Please read General Notes overleaf before fitting



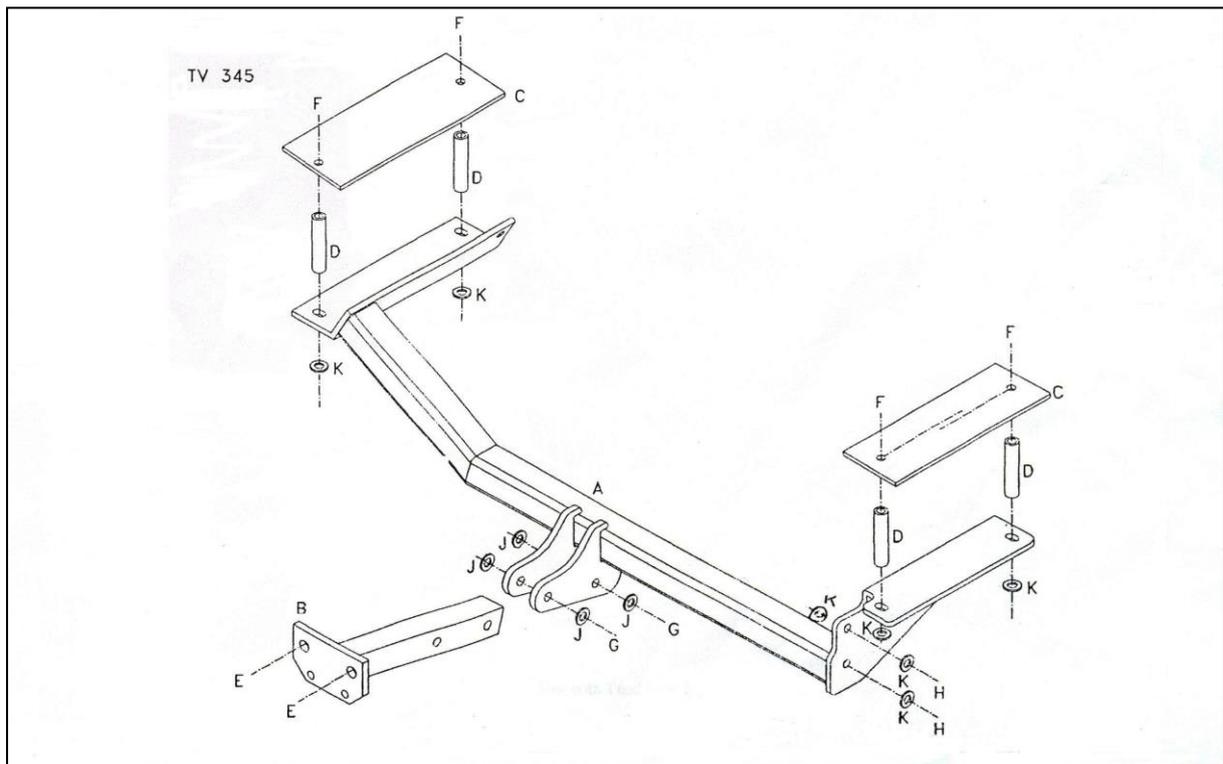
Issue 3

TV345 Vauxhall Astra Estate March 1998 - 2004

Vauxhall Astra-Van October 1998 - 2006

Item	Qty	Description	Item	Qty	Description
A	1	Crossmember	E	2	M16 x 50 Bolts, Nuts & S/P Washers
B	1	Extension Bar	F	4	M10 x 120 Bolts, Nuts & S/P Washers
C	2	Handed 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 & S/P 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 -130 Nm. (For other Torque Settings see notes overleaf.)
2. Nose load limits and vehicle manufacturers trailer / caravan weight limits must be observed.