



Tow-Trust Towbars

Important: Please read General Notes overleaf before fitting

Issue 3

Type TV344 Vauxhall Astra Hatchback & Saloon 98>

Item	Qty	Description	Item	Qty	Description
A	1	Crossmember	F	2	M16 x 50 Bolts, Nuts & S/P Washers
B	1	Extension Bar	G	4	M10 x 100 Bolts, Nuts & S/P Washers
C	2	Clamp Plates	G1	2	M10 x 90 Bolts, Nuts & S/P Washers
D	3	19 x 58 Spacer Tubes	H	2	M12 x 85 Grade 10.9 Bolts & Nyloc Nuts
E	3	19 x 67 Spacer Tubes	J	2	10 x 30 Flat Washers
			K	4	12 x 25 Flat Washers
			L	4	10 x 25 Flat Washers

- 1.** Temporarily remove the three screws from the lower edge of the bumper, trim a small section from the inner foam, to allow item **A** to fit up into the bumper.
- 2.** Remove the boot floor covering, rear trim and side panels.
- 3.** Locate the three dimples each side above each chassis member, place item **C** over the outer two dimples (see sketch) and mark the centre hole, drill six 20mm holes through the top skin only.
- 4.** Place item **D** down into the left hand chassis and item **E** down into the right hand chassis, place item **C** over each set of holes inside the boot.
- 5.** Carefully slide item **A** into the bumper and bolt to the chassis using item **G**, item **G1**, item **J** and item **L**.
- 6.** Using item **H** with item **K** bolt item **B** to item **A**.
- 7.** Using item **F** bolt the ball bracket and wiring plate (not supplied in this kit) to the mounting plate.
- 8.** Fully tighten all nuts and bolts and ensure the towbar is rigid and secure.
- 9.** Replace boot trim and the three screws from the lower edge of the bumper.

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.

