



# Tow-Trust Towbars

Important: Please read General Notes overleaf before fitting

Issue 4

## TV355 Vauxhall Signum 2003>

Item	Qty	Description	Item	Qty	Description
A	1	Crossmember	H	2	M16 x 50 Bolts, Nuts & S/P Washers
B	2	Handed Side Arms	J	4	M12 x 170 Bolts & Nyloc Nuts
C	1	Extension Bar	K	2	M12 x 85 Grade 10.9 Bolts & Nyloc Nuts
D	1	L/H Clamp Plate	L	4	M12 x 35 Bolts, 2 Nuts & 4 S/P Washers
E	1	R/H Clamp Plate	M	12	12 x 25 Flat Washers
F	2	19 x 112 Spacer Bushes			
G	2	19 x 128 Spacer Bushes			

1. Remove the tie down hooks from each corner of the boot.
- 1A. Remove the centre cover and unfasten the star head screw.
- 1B. Locate the two fixings on the top edge and loosen the boot side trims.
- 1C. Remove the two fixings along the boot edge securing the rear panel.
2. Locate the two dimples each side in the boot floor above each chassis member and drill out the top skin only to 20mm.
3. Locate Item **F** down into the two forward holes and Item **G** down into the rearmost holes. Place Item **D** and Item **E** inside the boot and using Item **J** with Item **M** loosely bolt Item **B** to the underside of each chassis. (Note: ensure clamp plates and side arms are bolted to clean surfaces on the vehicle.)
4. Using Item **L** bolt Item **A** to Item **B**.
5. Using Item **K** with Item **M** bolt Item **C** to Item **A**.
6. Using Item **H** bolt the ball bracket and wiring plate (not supplied with this kit) to the mounting plate.
7. Fully tighten all nuts and bolts and ensure the towbar is rigid and secure.
8. Replace all boot trim.

**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.

