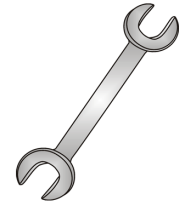




# Tow-Trust Towbars

Important: Please read General Notes overleaf before fitting



Issue 1

## TV1SN VAUXHALL INSIGNIA SALOON, HATCH 2008>

Item	Qty	Description	Item	Qty	Description
A	1	Crossmember	F	2	M12 x 110 Grade 10.9 Bolts & Nyloc Nuts
B	1	L/H Side Arm	H	2	15mm Spacer Plates
C	1	R/H Side Arm	J	4	M10 Nyloc Nuts
D	1	ACS3 / 9203 Swan Neck	K	4	M10 x 45 Bolts Grade 10.9 & S/P Washers
E	1	Flip Up Socket Plate (TTFP/LH)	L	4	M12 x 40 Bolts, 2 Nuts & 4 S/P Washers
			M	4	10 x 25 Flat Washers
			N	10	12 x 25 Flat Washers
			P	4	10 x 30 Flat Washers

1. Remove the rear light clusters.
2. Remove the rear bumper. Three fixings in each wheel arch and three fixings on the lower edge.
3. Remove the six fixings securing the impact beam to the rear panel. (**NOTE:** Impact Beam is not refitted with the Towbar assembly).
4. Identify all Towbar mounting points and clear of any under seal or mastic.
5. Place item **B** into the N/S Chassis and item **C** into the O/S chassis and using item **K** with item **P** loosely bolt through the vertical mounting points on the lower face of each chassis member.
6. Using item **J** with item **M** loosely bolt each side arm (items **B** & **C**) to the captive studs on the rear panel.
7. Using item **L** with item **N** bolt item **A** between item **B** and item **C**.
8. Using item **F** with item **N** and item **H** bolt item **E** and item **D** to item **A**.
9. Fully tighten all nuts and bolts ensuring Towbar is rigid and secure.
10. Cut out Vauxhalls pre marked area of bumper for the Towbar assembly to pass through.
11. We recommend you locate your desired wiring kit (Not supplied in this kit) into the vehicle now as it may be difficult to enter the vehicle once the bumper is refitted.
12. Refit the bumper.

**Note:** nose load limits and vehicle manufacturer's trailer / caravan weight limits must be observed.

M10 Grade 10.9 = 60Nm

# TV 1 SN

