



Tow-Trust Towbars

Important: Please read General Notes overleaf before fitting



Issue 1

TVAUX4 VAUXHALL INSIGNIA GRAND SPORT, SPORTS TOURER & COUNTRY SPORT

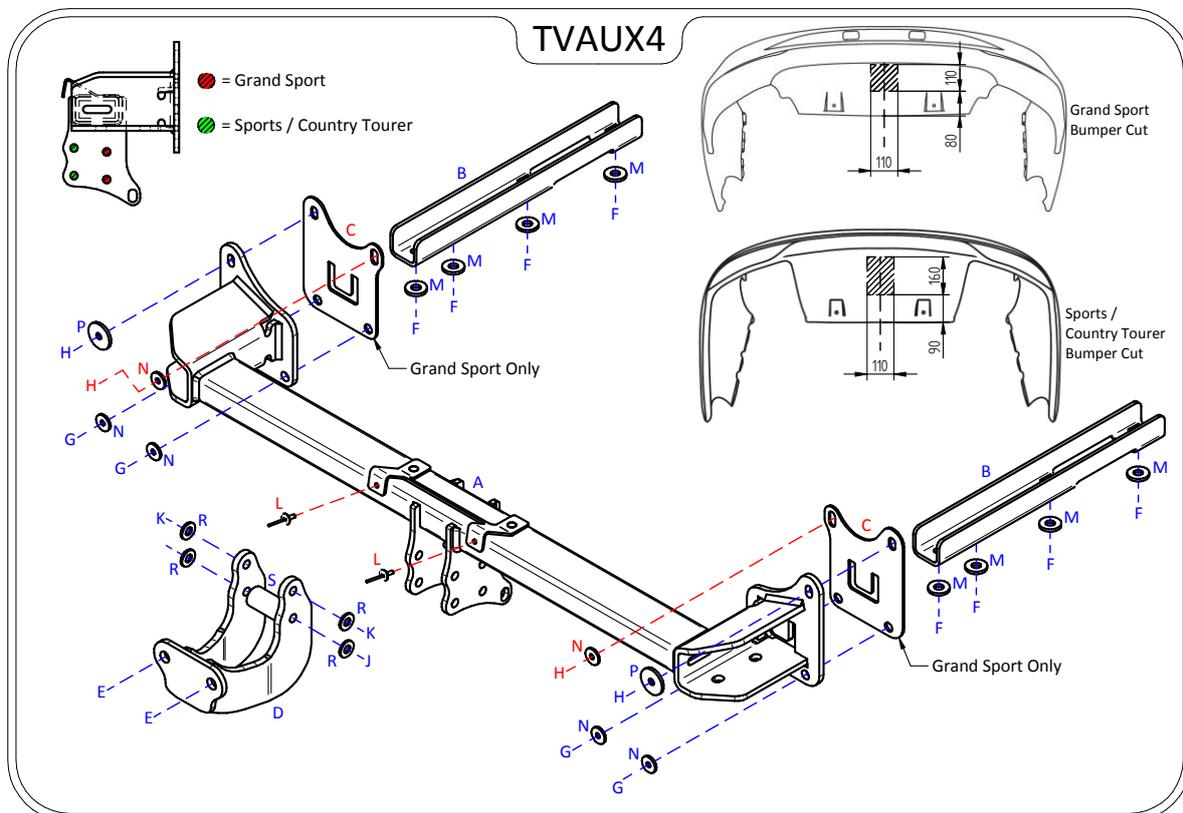
Item	Qty	Description	Item	Qty	Description
A	1	TVAUX4 Crossmember	E	2	M16 x 50 Bolts & Nyloc Nuts
B	2	Side Arms	F	8	M12 x 35 Bolts, 4 Nyloc Nuts & 4 S/P Washers
C	2	Grand Sport Adaptor Plates	G	4	M10 x 55 Bolts & S/P Washers
D	1	Extension	H	4	M10 Nyloc Nuts
			J	1	M12 x 120 Bolt & Nyloc Nut
			K	2	M12 x 40 Bolts & Nyloc Nuts
			L	2	Large Plastic Rivets
			M	8	12 x 30 Flat Washers
			N	6	10 x 25 Flat Washers
			P	2	M10 x 40 Flat Washers
			R	4	12 x 25 Flat Washers
			S	1	30mm O/D x 60mm Long Spacer Tube

BUMPER REMOVAL:

1. Open the rear tailgate and remove the rear light clusters, two fixings either side.
2. Remove four fixings in each wheel arch, one tip fixing either side, two fixings on the bumper lower edge.
3. **Grand Sport Only:** Remove the rear number plate to expose two bumper fixings and remove.
4. Starting at the bumper tips carefully release the bumper from the vehicle body.
5. Remove the rear impact beam. (Rear impact beam is Not refitted with the Towbar assembly).

TOWBAR INSTALLATION:

1. Clean any mastic from the chassis openings then insert Items **B** and loosely fix in place using Items **F** and Items **M**.
2. **Grand Sport Only:** Slide Items **C** over Items **B** and onto the mounting studs on the rear panel.
3. Slide Item **A** over Items **B** and fix to the rear Panel using the Items and fixing pattern below. (Ensure the exhaust hanger is fixed to the lower two mounting points).
4. Using Item **F** with Item **M** fix Item **B** to Item **A**.
5. Fix Item **D** to Item **A** using Item **J** with Item **R** and Item **K** with Item **R** ensuring Item **S** is fitted between the lower mounting point.
6. Using Item **E** fix your desired ball bracket and wiring plate to the Towbar face plate.
7. Fully tighten all fixings ensuring the Towbar is rigid, square and secure.
8. Cut the rear bumper as per the sketch below and refit.
9. **Grand Sport Only:** Using Item **L** fix the rear bumper to Item **A**.



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.