

TVOLV13 VOLVO S60, V60, S90, V90 2017>

Item	Qty	Description	Item	Qty	Description
A	1	TVOLV13 Crossmember	C	2	M16 x 50 Bolts & Nyloc Nuts
B	1	Extension	D	2	M10 x 40 Bolts & S/P Washers
			E	2	M12 x 45 Bolts & Nyloc Nuts
			F	1	M12 x 130 (10.9) Bolt & Nyloc Nut
			G	6	M10 Nyloc Nuts
			H	8	10 x 25 Flat Washers
			J	4	12 x 25 Flat Washers
			T1	1	30mm O/D x 60mm Long Spacer Tube

BUMPER REMOVAL:

For V60 & V90

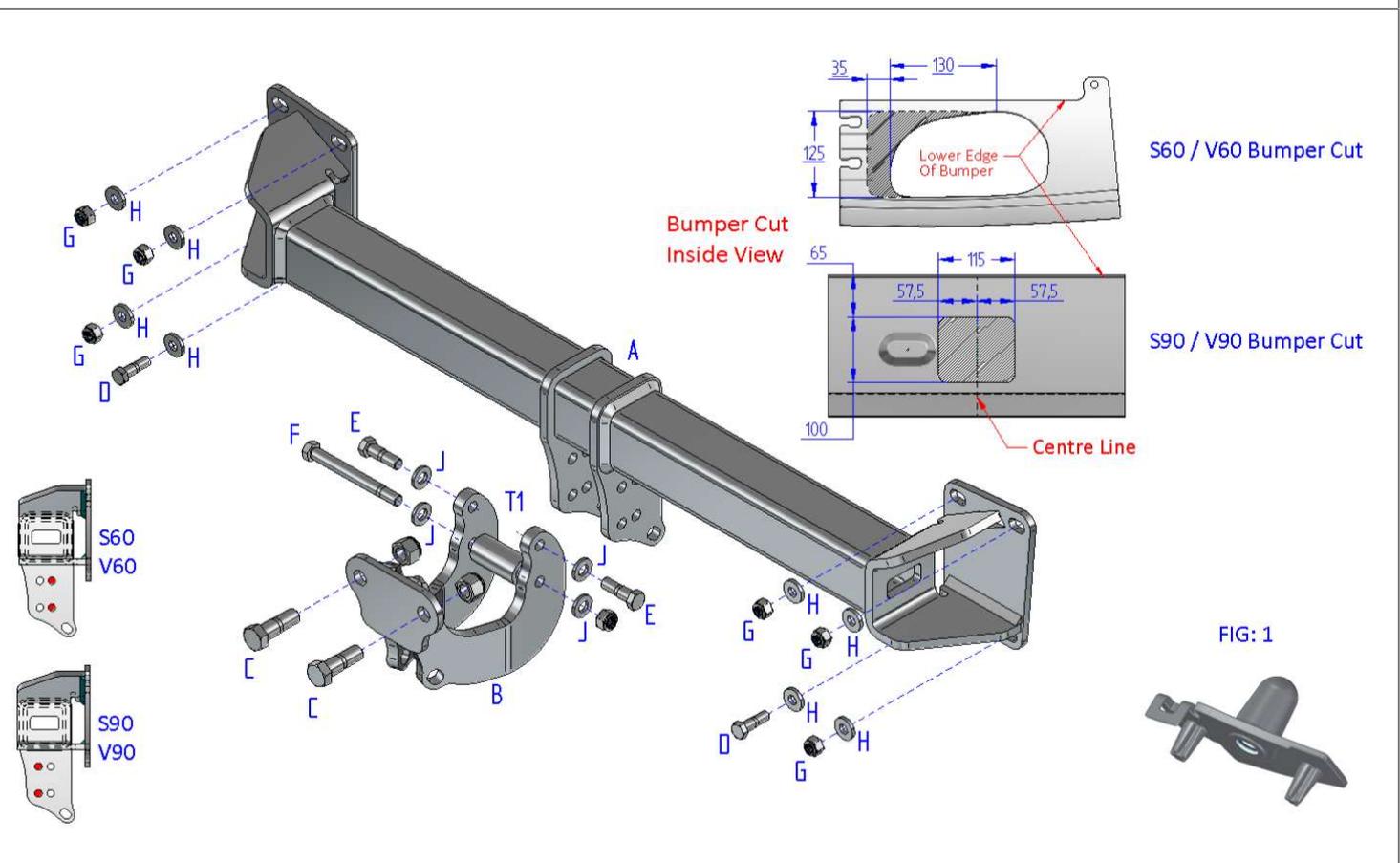
1. Open the rear tail gate (**V60**) remove one push in clip on each side (**V90**) remove one bump stop on each side, remove bump stop by rotating anticlockwise by 60 degrees.

All Models

2. Remove four fixings from the bumper lower edge, (**S60/V60** remove four fixings) (**S90/V90** remove five fixings) from each wheel arch, (**S60/V60** remove one fixing each side to release arch trim) peel back arch trim and remove the bumper tip screw from the vehicle body (**S90/V90** carefully release plastic removable clamp once tip screw is removed see Fig 1), pull bumper out sideways then rearward disconnecting any necessary wiring looms.
3. Remove rear impact beam (This is not refitted with the Towbar assembly).
4. Cut the rear bumper as per the sketch's below for the relevant bumper version.

TOWBAR INSTALLATION:

1. Fix Item **A** to the rear panel using Item **G** with Item **H** and item **D** with Item **H**.
2. Fully tighten the rear panel fixings.
3. Refit Bumper.
4. Fix Item **B** to Item **A** using Items **E** with Items **J** and Item **F** with Items **J** ensuring Item **T1** is fitted between the lower mounting point.
5. Using Item **C** fix your desired ball bracket and wiring plate (not supplied in this kit) to Item **B**.
6. Fully tighten all remaining fixings.



Notes:

1. For Torque settings see general notes overleaf.
2. Nose load limits and vehicle manufacturer's trailer / caravan weight limits must be observed.