



Tow-Trust Towbars

Important: Please read General Notes overleaf before fitting

Issue: 2.1



Fitting
Instruction

TP3AHK Citroen Relay, Fiat Ducato, Peugeot Boxer Panel Vans 2006>, Toyota Proace Max 2024>, Vauxhall Movano Panel Van 2021>
& All Various PSA X250 Panel Van Chassis (Not Chassis Cab) Based Motorhome Conversions 2006>

Item	Qty	Description	Item	Qty	Description
A	1	TP3AHK Crossbar	G	3	M12 x 22 Bolts & S/P Washers
B1	1	Left Hand Side Arm	H	1	M12 x 25 Bolt & S/P Washer
B2	1	Right Hand Side Arm	J	2	M6 x 15 Bolts & Nyloc Nuts (Use Original Fixings if intact)
C1	1	Left Hand Chassis Bracket	K	4	M6 x 20 Self Tapping Bolts
C2	1	Right Hand Chassis Bracket	L	4	M8 x 35 (10.9) Bolts & S/P Washers
D	2	Captive Nut Plates	L1	6	M10 x 35 x 1.25 (10.9) Bolts, 6 S/P Washers & 2 M10 x 1.25 Nyloc Nuts
E	1	40mm O/D 25mm Long Tube	M	8	M12 x 40 Bolts, 2 S/P Washers & 6 Nyloc Nuts
F	2	Bumper Brackets	N	1	M12 x 40 Bolt & S/P Washer
			P	1	M12 x 60 Bolt & S/P Washer
			Q	2	M12 x 130 Bolts & Nyloc Nuts
			R	8	6 x 15 Flat Washers
XT	2	19mm O/D 92mm Long Tube (For Use With Maxi & L4 Vehicles Only)	S	4	8 x 25 HD Flat Washers
OEM	1	Rear Impact Beam Sensor	S1	8	10 x 30 Flat Washers
HK	1	2#39 Detachable Swan Neck	T	18	12 x 25 Flat Washers
SP1	1	Socket Plate 1	U	6	12 x 40 Flat Washers

Bumper Removal:

1. Open the rear doors to reveal the four fixings along the top edge and remove.
2. Remove the four fixings along the bumpers lower edge.
3. Disconnect the reversing sensor loom from the left-hand side and fully remove the centre of the bumper.
4. Remove the crash beam from the rear panel and if present remove the sensor attached to the beam.

Note: The sensor must be installed on the Towbar. The beam and its fixings will not be reused.

Maxi / L4 Length Vehicles:

1. Using **Figure 2** as a guide to prepare for the installation, open the hole out to 20mm diameter on the internal face only.
Note: For vehicles that don't have the mounting point pre-drilled in the chassis rail shown in **Figure 2**, follow steps 1 to 3 of the Towbar Installation and correctly position items **B1** and **B2**. Mark the position of the mounting points where items **Q** will be fixed then remove items **B1** and **B2**. Drill out both faces of each chassis rail to 14mm and open the internal chassis face to 20mm. Once completed follow the Towbar Installation steps as normal.

Towbar Installation:

1. Loosely fix item **A** to the rear panel using items **L/L1** and items **S/S1**.
Note: Some models may have a captive nut for the lower mounting point and the Nyloc Nuts will not be used. Some models only have two mounting points each side. These models will require the outer rear panel drilling to reveal the hidden captive nut.
CAUTION!! Be careful not to damage the thread in the captive nut behind it!
2. Loosely fix items **B1** and **B2** to each chassis rail using items **Q** with items **U**.
Note: See **Figure 2** when installing to **Maxi/L4 Vehicles**. Ensure item **XT** is inserted into each chassis rail at this point.
3. Loosely fix items **B1** and **B2** to item **A** using items **M** with items **T**.
4. Insert items **D** inside the square shaped chassis openings from underneath.
Note: Some models may have square rubber bungs fitted to these points, remove and discard.
5. Loosely fix item **C1** to item **D** using item **N** with item **T**.
6. Loosely fix item **C2** to item **D** using item **P** with item **T** ensuring item **E** is fitting in-between as shown below.
7. Loosely fix items **C1** and **C2** to items **B1** and **B2** using items **M** with items **T**.
8. Loosely fix items **F** and item **OEM** if present to item **A** using items **K** with items **R**.
9. Loosely fix item **HK** to item **A** using items **G** with items **T** and item **SP1** at to item **A** using items **H** with items **T**. See **Figure 1**.
10. Fully tighten all the fixings ensuring the Towbar is ridged, square and secure.
11. Remount the bumper using the original fixings plus items **J** and item **R** at the two central points.
Note: Reuse the original lower bolts if still intact then plug the reversing sensor loom back in including the PRO-PARK loom where applicable.

Notes:

1. For Torque settings see general notes overleaf.
2. Nose load limits and vehicle manufacturer's trailer / caravan weight limits must be observed.
3. We recommend the use of PRO-TOW Couplings with all our products.

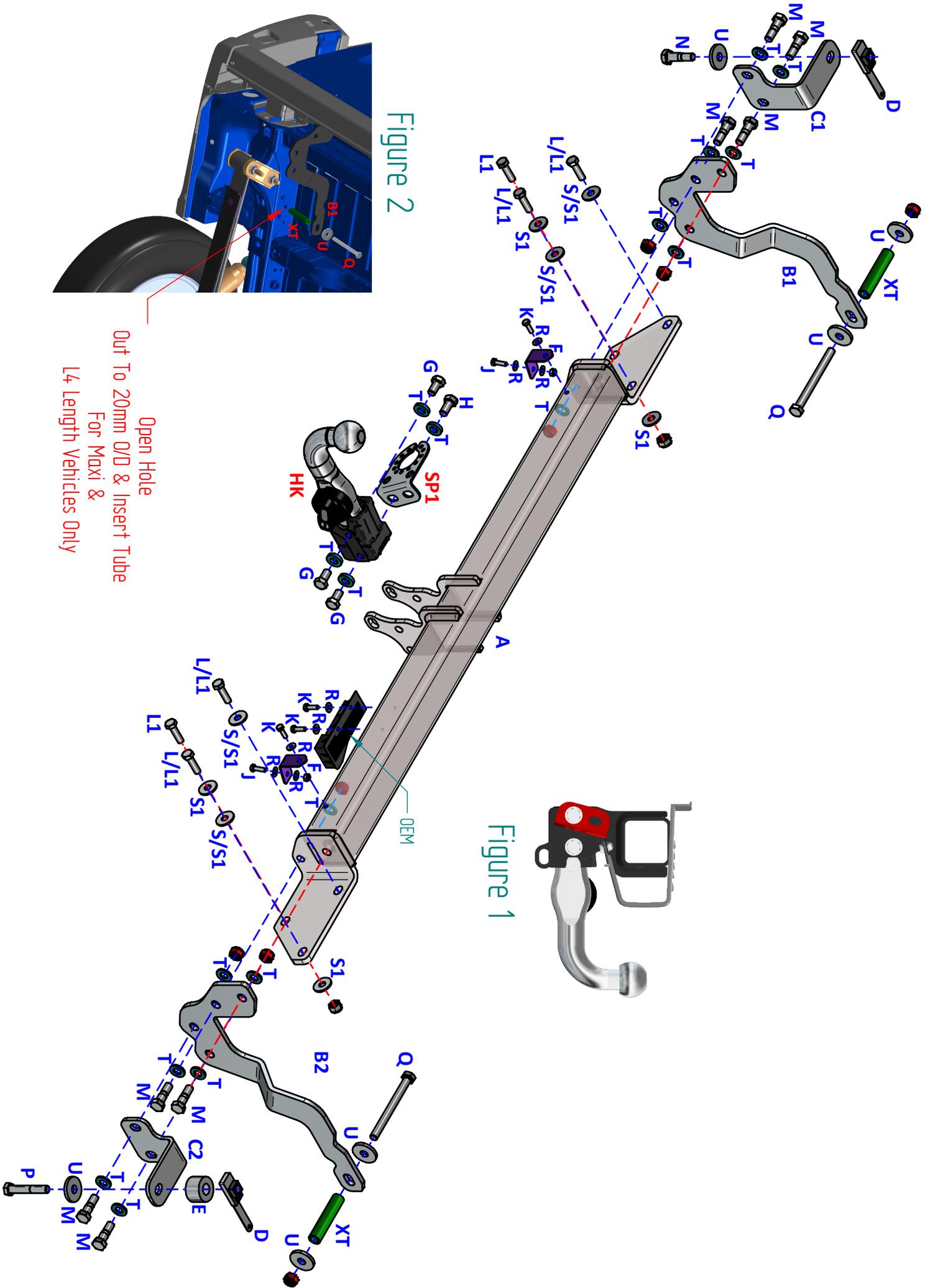


Figure 1

Figure 2

Open Hole
 Out To 20mm O/D & Insert Tube
 For Maxi &
 L4 Length Vehicles Only

Notes:

1. For Torque settings see general notes overleaf.
2. Nose load limits and vehicle manufacturer's trailer / caravan weight limits must be observed.
3. We recommend the use of PRO-TOW Couplings with all our products.