

## TM25VK Nissan Townstar (XFK), Mercedes Citan/T-Class/EQT (W420), Renault Kangoo (XFK) 2020>

Item	Qty	Description	Item	Qty	Description
A	1	TM25 Crossbar	G	2	M12 x 25 Bolts & S/P Washers
B1	1	Left Hand Side Arm	H	4	M8 x 35 Bolts 10.9 & S/P Washers
B2	1	Right Hand Side Arm	J	4	M12 x 45 Bolts, 2 S/P Washers & 2 Nyloc Nuts
C	2	Chassis Spacers	K	4	M12 x 50 Bolts, 2 S/P Washers & 2 Nyloc Nuts
C1	1	Arm Spacer	L	4	8 x 25 HD Flat Washers
D	1	6#06 Detachable	M	12	12 x 25 Flat Washers
E	1	TM25 Socket Plate	N	4	12 x 35 Flat Washers
F	2	M12 x 22 Bolts & S/P Washers	P	4	12 x 40 Flat Washers

### Bumper Removal

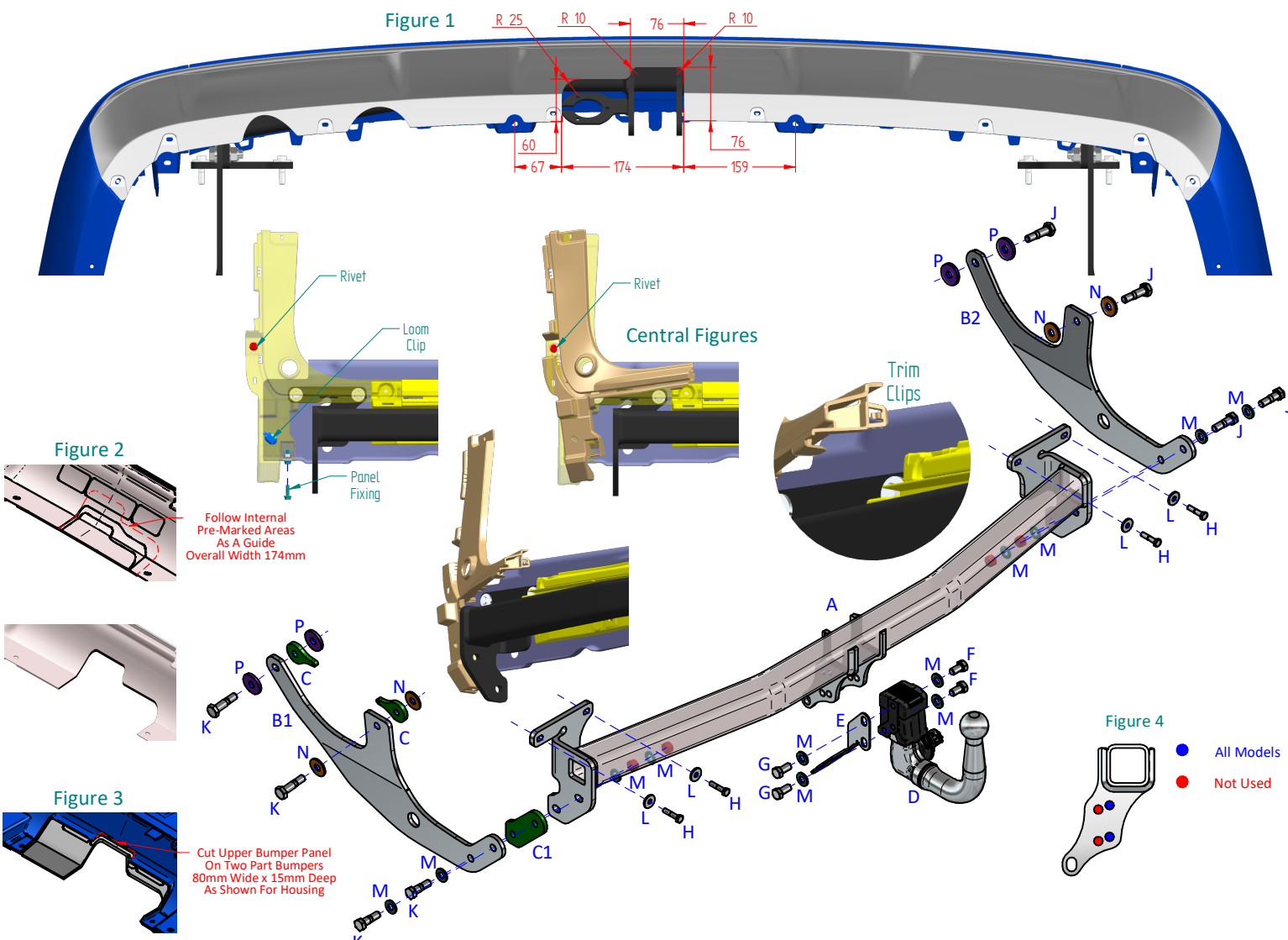
1. Open rear doors and remove the rear light clusters, two fixings. Remove the one fixing now revealed from the bumper each side.
2. Remove the one bumper fixing from each side that mounts sideways from the door opening. (Just under the lower door hinge on barn door models).
3. Remove the four fixings from the wheel arch then remove the remaining fixings from the lower bumper edge.
4. Pull the bumper out sideways then rearwards to remove. **Note:** The bumper can be difficult to free, be cautious of the doors on barn-doors models. Unplug the sensor loom from the nearside.

### Impact Beam Removal/Plastic Corner Trims (Note: Refer to the Central Figures)

1. Temporarily unclip the wiring loom from the nearside corner panel and the impact beam.
2. Remove the vertical fixings from the outer plastic trims covering the impact beam mounting points. Unclip from the central trim and carefully rotate around the rivet to enable access to the upper fixings. **Note:** Be careful not to break this trim from around the rivet. Remove the beam, six fixings. **Note:** The impact beam will not be refitted with this towbar assembly.

### Towbar Installation (Note: Items N and items P have different thicknesses)

1. Remove any tape covering the mounting points from the chassis.
2. Loosely fix item A to the rear panel using items H with items L.
3. Loosely fix item B1 and items C to the nearside chassis rail using items K with items P on the forward most mounting point and items K with items N on the rearmost mounting point.
4. Loosely fix item B2 to the offside chassis rail using items J with items P at the forward most mounting point and items J with items N at the rearmost mounting point.
5. Loosely fix item A to item B1 with item C1 using items K with items M and item B2 using items J with items M.
6. Loosely fix item D and item E to item A to the position shown in Figure 4 using items G with items M and items F with items M.
7. Fully tighten all the fixings ensuring the towbar is rigid, square, and secure.
8. Cut the bumper as shown in Figure 1 External View, Figure 2 Internal View & Figure 3 Some Models may require a small cut in the upper half bumper for the housing only.
9. Return the outer trim back into its original position, replace the lower fixing and clip the wiring loom back into place then refit the rear bumper and all the 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.
3. We recommend the use of PRO-TOW Couplings with all our products.