



Tow-Trust Towbars

Important: Please read General Notes overleaf before fitting

Issue: 1



Fitting Instructions

TKIA3A Hyundai Tucson 2018> / Kia Sportage 2018>

Item	Qty	Description	Item	Qty	Description	Torque Setting
A	1	TKIA3A Crossbar	F	2	M16 x 50 Bolts & Nyloc Nuts	215 Nm
B1	1	Left Hand Side Arm	G	4	M12 x 35 Serrated Flange Bolts (10.9) & Serrated Flange Nuts	130 Nm
B2	1	Right Hand Side Arm	H	1	M12 x 120 Bolt (10.9) & Serrated Flange Nut	130 Nm
C	2	Spacers (Wider Chassis Only)	J	2	M6 X 20 Self Tapping Bolts	5 Nm
D1	1	Left Hand Bumper Bracket	K	2	M8 X 45 Bolts & Nyloc Nuts	15 Nm
D2	1	Right Hand Bumper Bracket	L	4	M12 x 35 Bolts (10.9) & S/P Washers	130 Nm
E	1	Extension	M	4	M12 x 55 Bolts (10.9) & Nyloc Nuts	130 Nm
			N	2	6 x 15 Flat Washers	
			P	4	8 x 20 Flat Washers	
			Q	10	8 x 25 HD Flat Washers	
			R	9	12 X 25 Flat Washers	
T1	1	30 mm O/D 60 mm Long Spacer Tube	S	4	12 x 40 Flat Washers	

Bumper Removal

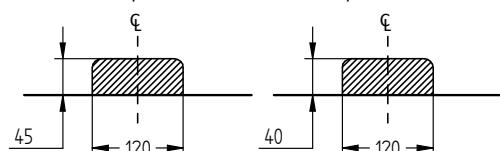
1. Remove the rear light clusters and remove the now revealed bumper fixings.
2. Remove the fixings securing the wheel arch liner each side.
3. Remove the wheel arch trims from each side if applicable.
4. Remove the fixings from the lower edge of the bumper.
5. Remove the corner trays from each side of the vehicle if applicable.
6. Remove the fixings through the rear panel securing the rear impact beam.
7. Disconnect any necessary wiring looms from the bumper then pull the bumper out sideways and rearwards to remove.
8. Disconnect the wiring loom and sensor from the rear impact beam and remove from the bumper. **Note: The beam and it's fixings will not be reused with the towbar assembly.**

Towbar Installation

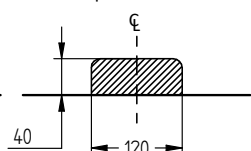
1. Locate the Towbar mounting points on the outside face of each chassis member and remove any under seal or mastic.
2. Insert Items B1 and B2 into the open ends of the chassis and loosely fix in place using items L and items S.
3. Loosely fix item A to items B1 and B2 using items M with items R. **Note:** If required use items C as spacers for wider chassis between item A and items B1, B2.
4. Offer up the bumper to establish if a bumper cut is required and cut to suit. **Note: Figure 1** shows some examples. However, some models may require no cut.
5. Loosely fix item E to item A using items G and item H with item R ensuring item T1 is fitted at the position shown in **Figure 2**.
6. Fully tighten all fixings ensuring the Towbar is rigid, square and secure.
7. Attach the wiring loom and the sensor from the rear impact beam and fit to item A using items J with items N.
8. Remount the bumper and all trim panels reconnecting the wiring loom.
9. Loosely fix items D1 and D2 to the bumper then to items A to the position best suited to the vehicle using items K with items P and items Q as required.
10. Loosely fix your desired ball bracket and wiring plate (not supplied in this kit) to item E using items F and fully tighten all remaining fixings.

Figure 1

Kia Sportage
2022-2025 Bumper Cut



Kia Sportage
2025> Bumper Cut



Hyundai Tucson Select Models Only
2020> Bumper Cut

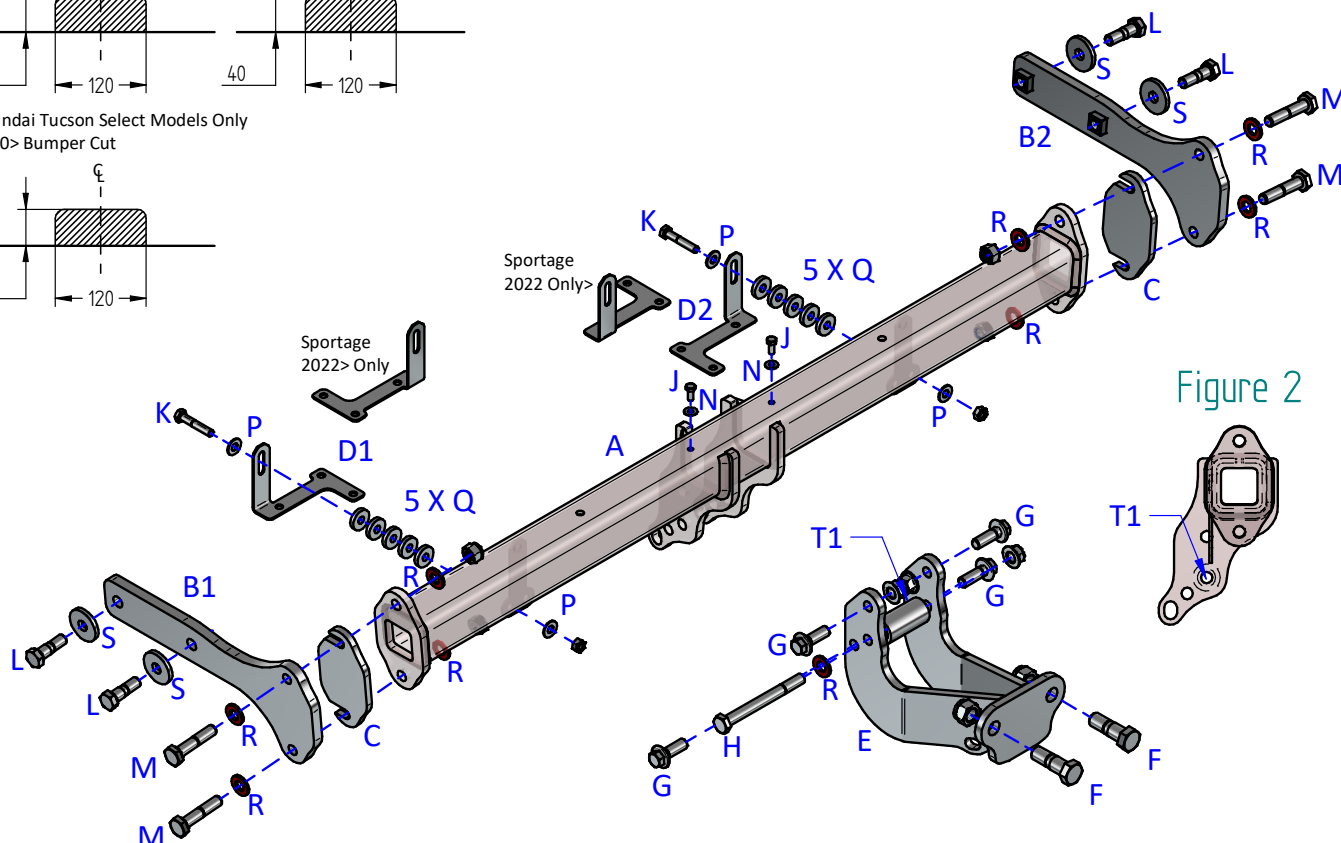
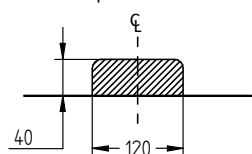


Figure 2

Notes:

1. For Torque settings see the column next to each item in the list.
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.