



TKIA3AVK Hyundai Tucson 2018> / Kia Sportage 2018>

Item	Qty	Description	Item	Qty	Description	Torque Setting
A	1	TKIA3A Crossbar	G	3	M12 x 25 (10.9) Bolts & S/P Washers	130 Nm
B1	1	Left Hand Side Arm	H	3	M12 x 25 (10.9) Bolts & S/P Washers	130 Nm
B2	1	Right Hand Side Arm	J	2	M6 X 20 Self Tapping Bolts	5 Nm
C	2	Spacers (Wider Chassis Only)	K	3	M8 X 45 Bolts & Nyloc Nuts	15 Nm
D1	1	Left Hand Bumper Bracket	L	4	M12 x 40 Bolts (10.9) & S/P Washers	130 Nm
D2	1	Right Hand Bumper Bracket	M	4	M12 x 55 Bolts (10.9) & Nyloc Nuts	130 Nm
E	1	6#14 Detachable Neck	N	2	6 x 15 Flat Washers	
F	1	Socket Plate Mounting Bracket	P	6	8 x 20 Flat Washers	
F1	1	Flip Up Socket Plate	Q	12	8 x 25 HD Flat Washers	
			R	14	12 X 25 Flat Washers	
			S	4	12 x 40 Flat Washers	
			T	1	Neoprene Washer	

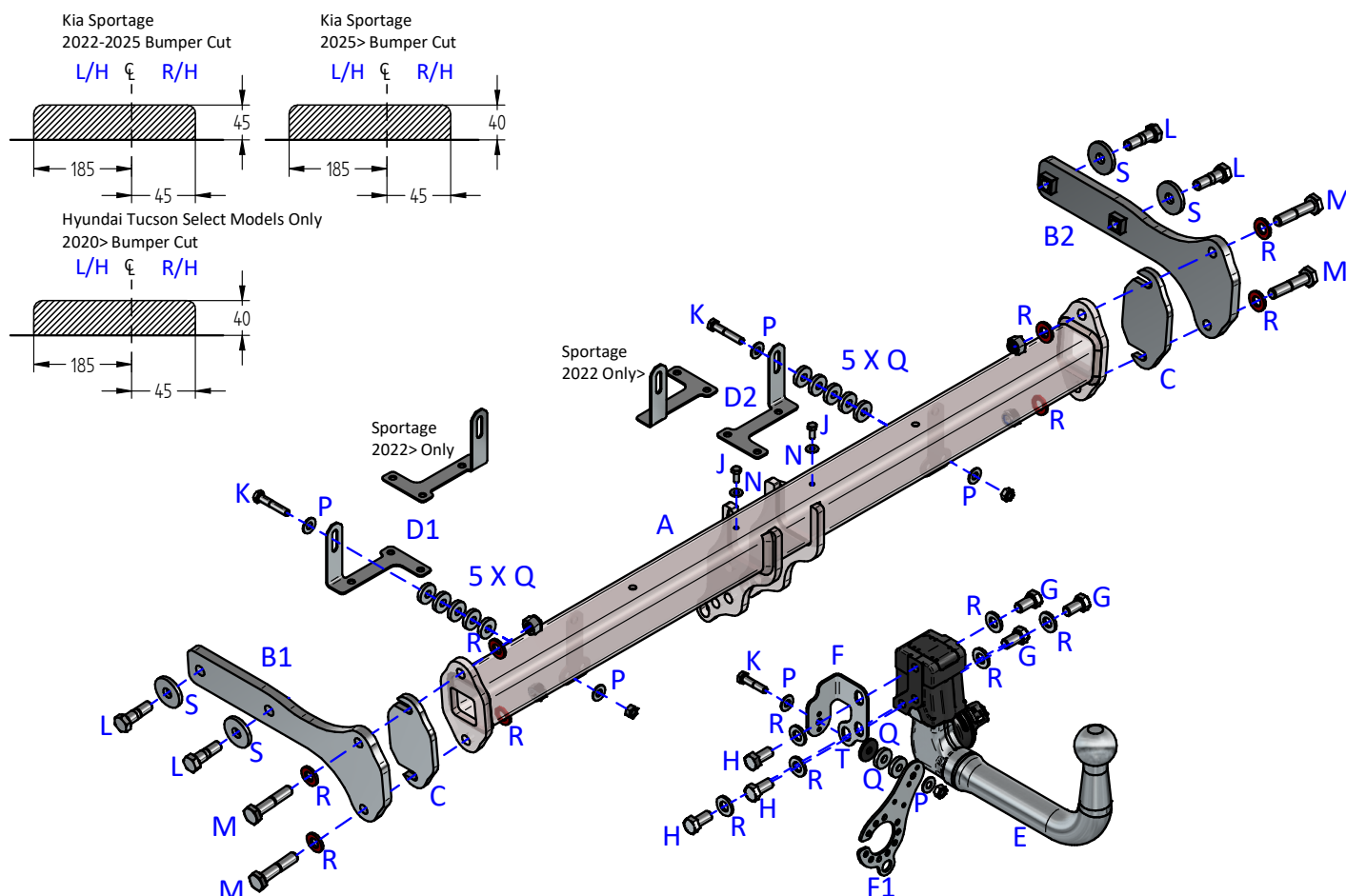
Bumper Removal

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 with items F to item A using items G with items R and item H with item M.
6. Loosely fix item F1 to item F using items T with items U, item V and items Q.
7. Fully tighten all fixings ensuring the Towbar is rigid, square and secure.
8. Attach the wiring loom and the sensor from the rear impact beam and fit to item A using items J with items N.
9. Remount the bumper and all trim panels reconnecting the wiring loom.
10. 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.

Figure 1



- 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.