

TKIA7VK Kia EV5 2025>

Item	Qty	Description	Item	Qty	Description	Torque Setting
A	1	TKIA7 Crossbar	F	3	M12 x 25 (10.9) Bolts & S/P Washers	130 Nm
B1	1	Left Hand Side Arm	G	3	M12 x 25 (10.9) Bolts & S/P Washers	130 Nm
B2	1	Right Hand Side Arm	H	2	M6 X 15 Bolts & Nyloc Nuts	5 Nm
C	2	Bumper Brackets	J	2	M6 X 20 Self Tapping Bolts	5 Nm
D	1	6#17 Detachable Neck	K	4	M12 x 40 Bolts (10.9) & S/P Washers	130 Nm
E	1	Socket Plate Mounting Bracket	L	4	M12 x 50 Bolts (10.9) & Nyloc Nuts	130 Nm
E1	1	Flip Up Socket Plate	M	6	6 x 15 Flat Washers	
			N	14	12 X 25 Flat Washers	
			P	4	12 x 40 Flat Washers	
			Q	1	M8 x 30 Bolt & Nyloc Nut	15 Nm
			R	3	8 x 25 Flat Washer	
			S	1	Neoprene Washer	

Bumper & Undertray Removal

1. Open the tailgate and remove the rear light clusters, two fixings each side.
2. Remove the now revealed two fixings from each side.
3. Carefully remove the wheel arch trims from each side starting from the door rearwards.
4. Remove three fixings securing the wheel arch liner to the bumper from each side.
5. Remove the nine fixings from the bumpers lower edge.
6. Remove a single fixing each side securing the undertray to the wheel arch liner.
7. Remove eight fixings securing the rear axle undertray to the vehicle and rearmost undertray then fully remove.
8. Remove the now revealed two fixings plus one each side securing the rearmost undertray to the underside of the vehicle and remove the rearmost undertray.
9. Remove two fixings each side securing the rear impact beam to the rear panel.
10. Disconnect the wiring loom from the left-hand side of the vehicle attached to the rear panel.
11. Pull the bumper out sideways and rearwards to remove.
12. Separate the wiring loom and sensor from the rear impact beam and bumper.
13. Remove the impact beam from inside the bumper, four fixings. **Note: The beam and it's fixings will not be reused with the towbar assembly.**
14. Cut the bumper and undertray as shown in **Figure 1**.

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 to the chassis using items **K** and items **P**.
3. Loosely fix item **A** to items **B1** and **B2** using items **L** with items **N**.
4. Loosely fix item **D** with item **E** to item **A** to the position shown in **Figure 2** using items **G** with items **N** and items **F** with item **N**.
5. Loosely fix items **C** to items **A** using items **H** with items **M**.
6. Attach the loom and sensor from the impact beam and fix to item **A** using items **J** with items **M** and feed the central light loom between the bar and rear panel.
7. Fully tighten all fixings ensuring the Towbar is rigid, square and secure.
8. Remount the bumper ensuring to reconnect all the sensors and plugs except the central light, this will be connected once the bumper is in place, then remount all undertrays and trim panels.

Figure 1

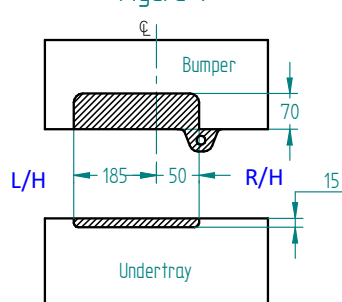
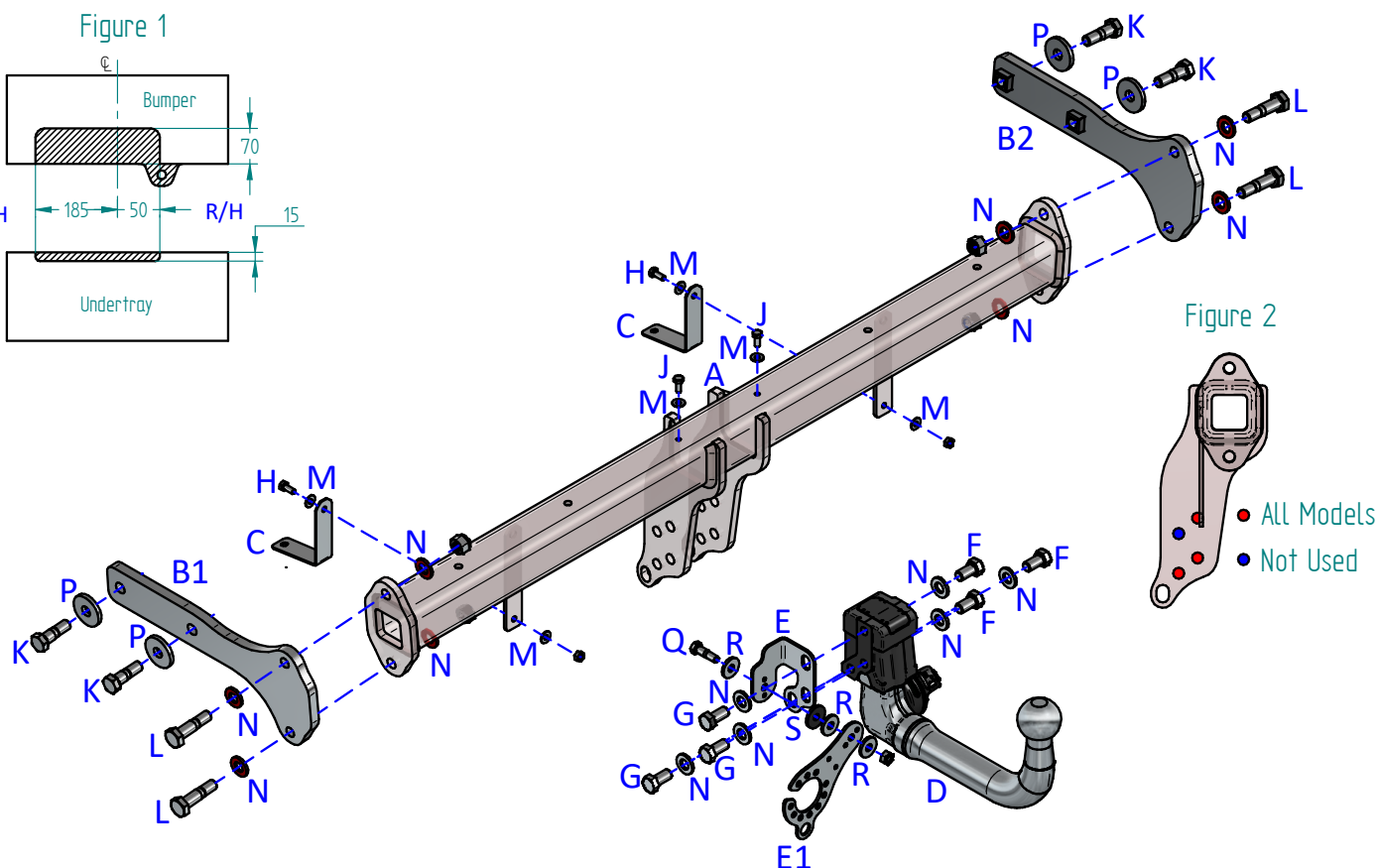


Figure 2



- 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.