

TKIA9 Kia EV9 2023>, Hyundai Ioniq 9 2025>

Item	Qty	Description	Item	Qty	Description	Torque Setting
A	1	TKIA9 Crossbar	G	2	M16 x 55 Bolts & Nyloc Nuts	215 Nm
B	2	Side Arms	H	4	M12 x 35 (10.9) Serrated Flange Bolts & Serrated Flange Nuts	130 Nm
C	1	Left-Hand Undertray Bracket	J	1	M12 x 120 Bolt (10.9) & Serrated Flange Nut	130 Nm
D	1	Right-Hand Undertray Bracket	K	2	M6 x 20 Self Tapping Bolts	13 Nm
E	6	30 mm O/D 25 mm Long Spacer Tubes	L	2	M6 x 15 Bolts & S/P Washer	13 Nm
F	1	Extension	M	6	M14 x 45 Bolts, 4 Nyloc Nuts & 2 S/P Washers	150 Nm
			N	6	M14 x 60 x 1.5 Fine Pitch Bolts & S/P Washers	150 Nm
			P	4	6 x 15 Flat Washers	
			Q	1	12 x 25 Flat Washer	
T1	1	30 mm O/D 60 mm Long Spacer Tube	R	16	14 x 27 Flat Washers	

Undertray Removal

1. Remove the fixings along the bumpers lower edge.
2. Remove four fixings on the underside of the vehicle and remove the undertray.
3. Remove the original outer undertray support brackets from the underside of the vehicle, one fixing each side. **Note:** These will not be refitted with the towbar assembly.
4. Cut the undertray as shown in **Figure 2**.

Towbar Installation

1. Loosely fix items **B** with items **E** to the outside face of the chassis using items **N** with items **R**.
2. Loosely fix item **A** to items **B** using items **M** with items **R**.
3. Loosely fix items **C** and Items **D** to item **A** using items **K** with items **P**.
4. Loosely fix item **F** to item **A** to the position shown in **Figure 1** using items **H** and items **J** with items **Q**, ensuring item **T1** is fitted to the correct position.
5. Using items **G** fix your desired ball bracket and wiring plate (Not supplied in this kit) to item **F** and fully tighten any remaining fixings.
6. Fully tighten all fixings ensuring the Towbar is rigid square and secure.
7. Refit the undertray using the original fixings and fix the undertray to item **C** and item **D** using items **L** with items **P**.

Figure 1

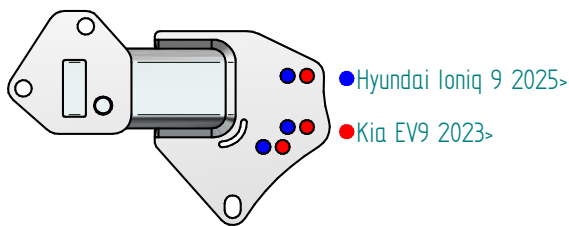
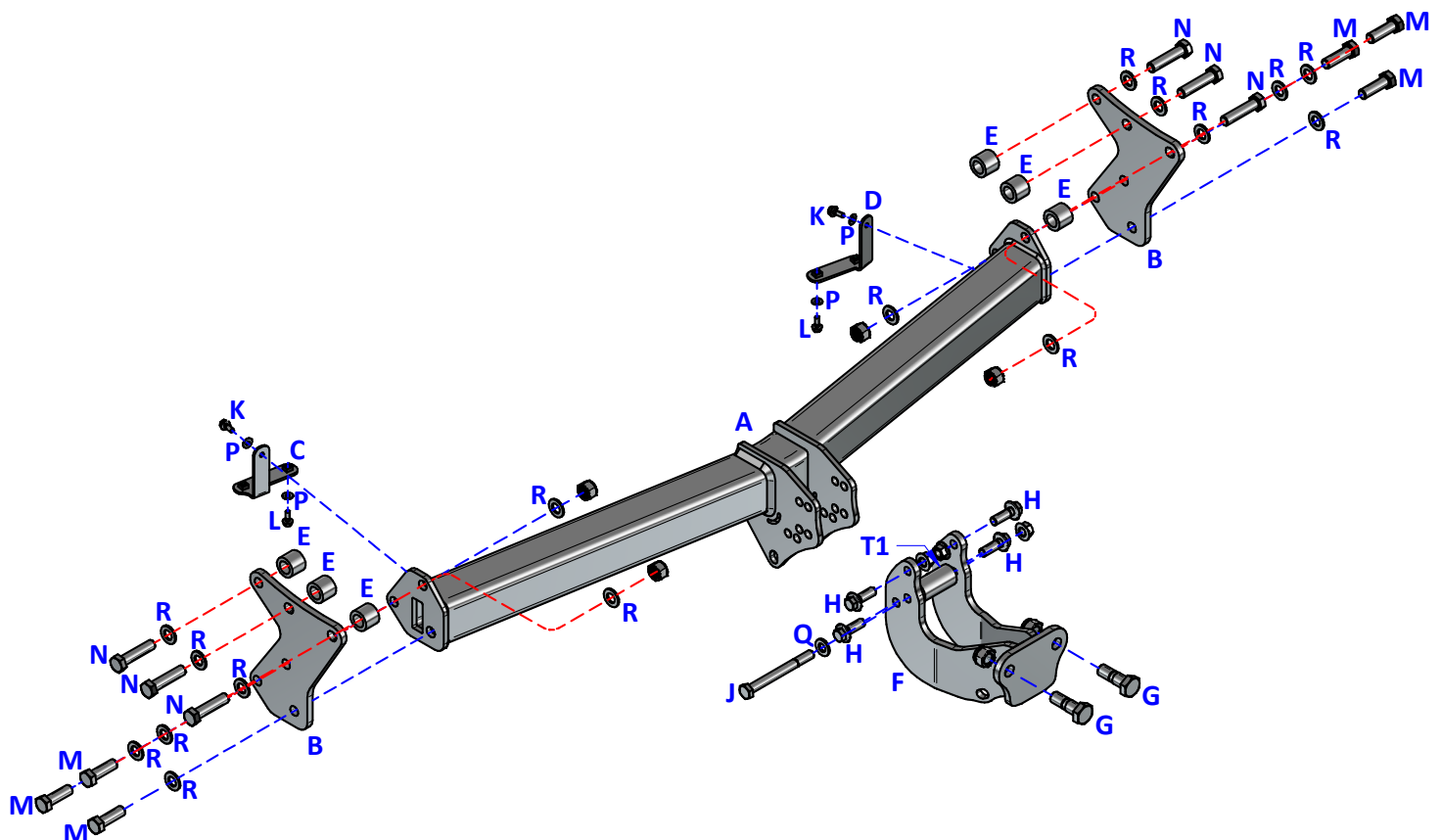
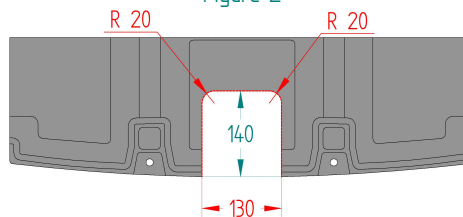


Figure 2



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.