

TKIA9VK Kia EV9 2023>, Hyundai Ioniq 9 2025>

Item	Qty	Description	Item	Qty	Description	Torque Setting
A	1	TKIA9 Crossbar	H	3	M12 x 22 & S/P Washers	100 Nm
B	2	Side Arms	J	3	M12 x 25 & S/P Washers	100 Nm
C	1	Left-Hand Undertray Bracket	K	2	M6 x 20 Self Tapping Bolts	13 Nm
D	1	Right-Hand Undertray Bracket	L	2	M6 x 15 Bolts & S/P Washers	13 Nm
E	6	30 mm O/D 25 mm Long Spacer Tubes	M	6	M14 x 45 Bolts, 4 Nyloc Nuts & 2 S/P Washers	150 Nm
F	1	6#14 Detachable Neck	N	6	M14 x 60 x 1.5 Fine Pitch Bolts & S/P Washers	150 Nm
G	1	Mounting Bracket	P	4	6 x 15 Flat Washers	
G1	1	Flip Up Socket Plate	Q	6	12 x 25 Flat Washer	
			R	16	14 x 27 Flat Washers	
			S	1	M8 x 40 Bolt & Nyloc Nut	
			T	1	Neoprene Washer	
			U	2	8 x 15 Flat Washers	
			V	4	8 x 25 HD Flat Washers	

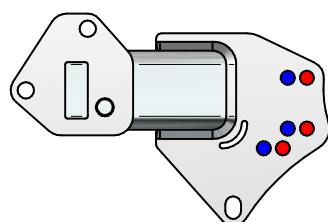
Undertray Removal

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** with item **G** to item **A** to the position shown in **Figure 1** using items **H** and items **J** with items **Q**.
5. Loosely fix item **G1** to item **G** using item **S** with item **T**, items **U** and items **V** in the orientation shown in **Figure 3**.
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



- Hyundai Ioniq 9 2025>
- Kia EV9 2023>

Figure 2

Outside Face Shown

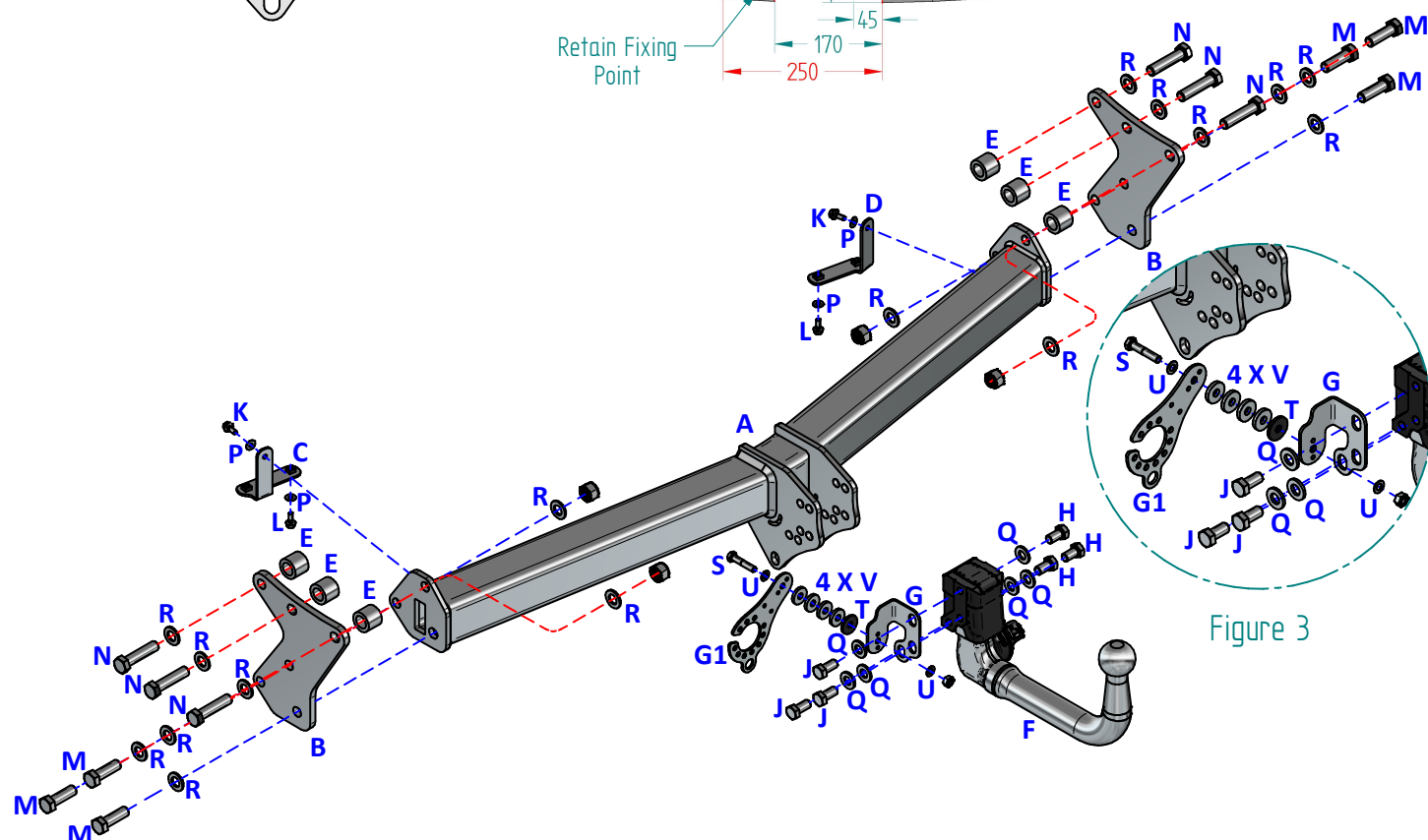
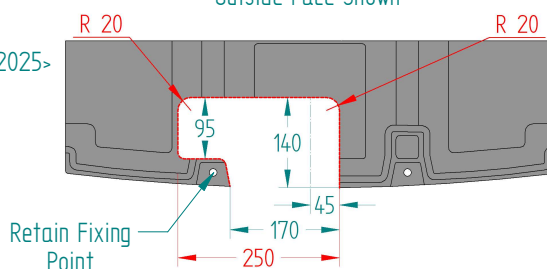


Figure 3

- 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.