

## TKIA6VK Kia EV6 2021>, Hyundai Ioniq 6 2022>

| Item | Qty | Description                       | Item | Qty | Description                                           | Torque Setting |
|------|-----|-----------------------------------|------|-----|-------------------------------------------------------|----------------|
| A    | 1   | TKIA6 Crossbar                    | G    | 3   | M12 x 22 Bolts & S/P Washers                          | 100 Nm         |
| B    | 2   | Side Arms                         | H    | 3   | M12 x 25 Bolts & S/P Washers                          | 100 Nm         |
| C    | 6   | 22 mm O/D 25 mm Long Spacer Tubes | J    | 6   | M12 X 45 (10.9) Bolts, 2 S/P Washers & 4 Nyloc Nuts   | 130 Nm         |
| D1   | 1   | Left Hand Clamp Plate (Not EV6)   | K    | 6   | M12 x 60 Bolts & S/P Washers                          | 100 Nm         |
| D2   | 1   | Right Hand Clamp Plate (Not EV6)  | K1   | 6   | M12 x 60 x 1.25 (10.9) Fine Pitch Bolts & S/P Washers | 130 Nm         |
| E    | 1   | 6#32 Detachable Neck              | L    | 16  | 12 x 25 Flat Washer                                   |                |
| F    | 1   | Mounting Bracket                  | M    | 6   | 12 x 40 Flat Washer                                   |                |
| F1   | 1   | Flip Up Socket Plate              | N    | 1   | M8 x 30 Bolt                                          |                |
|      |     |                                   | P    | 3   | 8 X 25 Flat Washers                                   |                |
|      |     |                                   | Q    | 1   | Neoprene washer                                       |                |
|      |     |                                   | R    | 6   | M12 Bolt Caps                                         |                |

### Undertray Removal (All Models)

- Remove the fixings from the undertray and fully remove. **Note:** Some fitters may choose to temporarily remove the undertray support brackets.
- Cut the undertray as shown in **Figure 1**.

### Bumper Removal (Ioniq 6 Only)

- Open the tailgate and remove the interior access panels to access the rear of the light clusters
- Remove the light clusters, four fixings each side.
- Remove the now revealed three fixings from the light cluster area each side.
- Remove four fixings from the wheel arch area each side.
- Remove two fixings each side securing the rear impact beam to the rear panel and remove.
- Remove the boot floor and rear boot panel then unplug the bumpers wiring loom.
- Pull the bumper out sideways and rearwards to remove.

### Towbar Installation

- Loosely fix items **B** in the orientation shown for your vehicle below with items **C**, items **D1** and **D2** (Not EV6) using items **K/K1** with items **M** to the outside face of the chassis.
- Loosely fix item **A** to items **B** using items **J** with items **L**.
- Loosely fix item **E** with item **F** to item **A** using items **H** with items **L** and items **G** with items **L**.
- Loosely fix item **F1** to item **F** using items **N** with items **P** and item **Q**.
- Fully tighten all fixings ensuring the towbar is ridged square and secure the fix items **R** to items **G** and items **H**.
- Where applicable remount the bumper and undertray, reconnect the wiring loom and refit any removed brackets and trim panels.

Figure 1

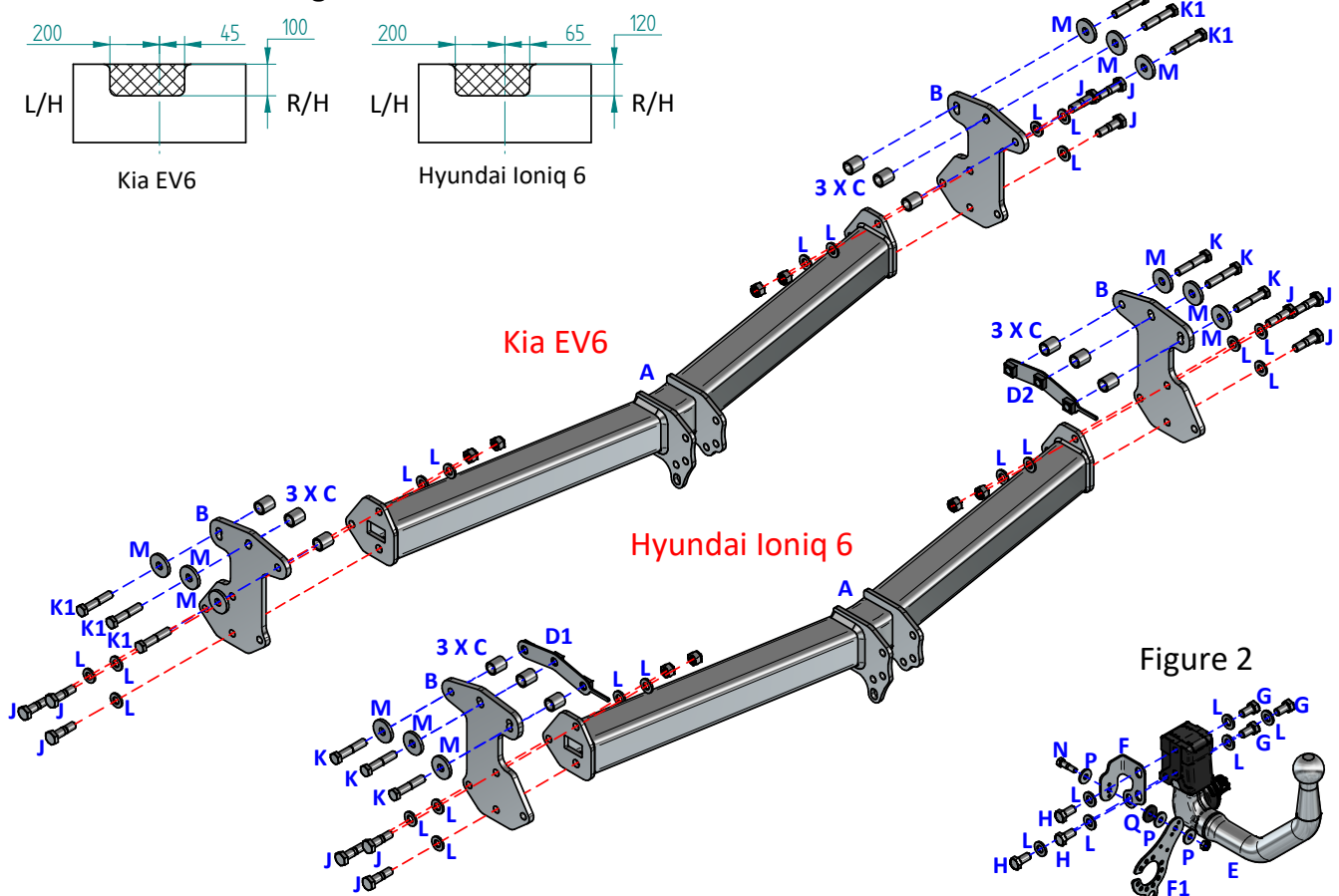


Figure 2

### Notes:

- For Torque settings see the column next to each item in the list.
- Nose load limits and vehicle manufacturer's trailer / caravan weight limits must be observed.
- We recommend the use of PRO-TOW Couplings with all our products.