

Make / Model KIA/SORENTO

Other HYUNDAI/SANTA FE

Year 5/06 to 8/12

Part number T4 Z038

Fit with wiring harness part No. EL5540

Maximum towing capacity 2000/ 2500 kg

Maximum ball load 150/ 180 kg

Bar weight 24 kg

Fitting Instructions

Warning:

Safety First: Always use correct safety equipment.

This towbar is NOT to be drilled, cut, welded or modified in any way.

Check the surrounding area before drilling into chassis or body panels for fuel lines, wiring harnesses and other components that may be a hazard.

General:

Before fitting this towbar read fitting instructions and check installation hardware is correct.

Check that the towbar is suitable for the vehicle and be wary of any changes to the vehicle design that may conflict with the fitting of this towbar.

After drilling, blow any filings clear, remove any swarf and treat exposed metal with a rust inhibitor.

If this vehicle requires a bumper cut out, please check to make sure that you measure twice and check twice before cutting any panels as some bumper profiles can change.

If you are not sure then ask your towbar supplier.

Tighten all bolts as specified on the last page.

1. REMOVE BUMPER WITH IMPACT BEAM.
 - 1.1. SCRIVETS AND SCREWS AROUND WHEEL ARCHES.
 - 1.2. 4 X14MM HEAD BOLTS FROM IN BEHIND BUMPER.
 - 1.3. DETTACH REVERSE SENSOR HARNESS FROM MOUNTING POINTS BEFORE REMOVING BUMPER/TO BE REATTACHED TO TOWBAR BEFORE BUMPER IS REPLACED.
 - 1.4. REMOVE IMPACT BEAM FROM BUMPER AND DISCARD/RETAIN PLASTIC SCRIVETS.
2. REMOVE EXHAUST FROM REAR HANGERS AND REMOVE HEAT SHIELD/RETAIN.
 - 2.1. REMOVE ALL BOLTS FROM TOWBAR /TAKE NOTE OF BOLT LOCATIONS.
3. ATTACH LOOSELY LEFT/RIGHT BRACKETS WITH 2 X M10 BOLTS AND WASHERS, 1 X M12 X 110MM BOLT /PLATE AND WASHERS FOR EACH SIDE.
 - 3.1. ATTACH MAIN SECTION USING M12 BOLTS WASHERS AND NUTS, ENSURING TO PLACE SPACER PLATE PROVIDED IN BETWEEN TOW BAR AND BRACKET BOTTOM INSIDE BOLT LHS.
 - 3.2. TIGHTEN ALL BOLTS TO SPECIFIED RATINGS
4. REATTACH HEAT SHIELD/EXHAUST
 - 4.1. CUT OUT REQUIRED-SORENTO 150 HIGH X 90 WIDE,
 - 4.2. 2013- SANTA FE / 190MM X 80MM WIDE.
 - 4.3. **CHECK MEASUREMENTS TO BE CORRECT BEFORE DOING ANY CUT OUTS.**
5. REPLACE BUMPER/ATTACH RATINGS STICKER TO DRIVERS SIDE DOOR PILLAR.
 - 5.1. ATTACH BALL MOUNT WITH PIN AND CLIP PROVIDED.

Torque table for bolt tightening

Metric GRADE 8.8	UNC GRADE 8
M6 – 12.5 Nm	3/8 – 50 Nm
M8 – 30 Nm	1/2 - 125 Nm
M10 – 60 Nm	5/8 – 245 Nm
M12 – 103 Nm	
M14 – 167 Nm	
M16 – 270 Nm	