

## Make / Model HYUNDAI ELANTRA

### Other

### Year 2016

### Part number T2Z648

Maximum towing capacity 1300 kg

Maximum ball load 130 kg

Bar weight 14 kg

Fit with wiring harness part No.

## 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. REMOVEL OF BUMPER.
  - 1.1. REMOVE TAIL LIGHTS / 2 NUTS EACH SIDE TO BE REMOVED FROM BEHIND BOOT PANEL.
  - 1.2. REMOVE 2 X SCRIVETS AND SCREW FROM TAIL LIGHT CAVITIES.
  - 1.3. REMOVE 4 X SCREWS FROM EACH WHEEL ARCH AND 9 X SCRIVETS FROM BOTTOM OF BUMPER.
  - 1.4. REMOVE BUMPER PULLING OUT AT SIDES FIRST, THEN REARWARDS FROM CENTRE.[DISCONNECT REAR SENSORS FROM BUMPER BEFORE REMOVING.]
2. IMPACT BEAM TO BE REMOVED FROM VEHICLE .[RETAIN]
  - 2.1. PLASTIC SHROWD TO BE REMOVED FROM UNDERSIDE OF VEHICLE ON PASSENGER SIDE.[RETAIN]
  - 2.2. REMOVE VERY REAR NUT ON HEAT SHIELD [RETAIN] BEND TAB DOWN OUT OF WAY.
3. REMOVE ALL BOLTS FROM TOWBAR TAKING NOTE OF LOCATIONS.
  - 3.1. INSTALL TOWBAR USING 4 X M10 BOLTS AND WASHERS SUPPLIED INTO EXISTING CAPTIVE NUTS EACH SIDE OF SUBFRAME/SCREW IN ALL THE WAY BUT NOT TIGHTEN.
  - 3.2. USING HOLES IN TOWBAR AS A GUIDE DRILL THREE HOLES [1X DRIVERS SIDE, 2 X PASSENGER SIDE] THROUGH BOTTOM SECTION OF SUBFRAME ONLY AND SECURE WITH PLATES ON WIRE AND BOLTS, WASHERS SUPPLIED.
  - 3.3. REMOVE SPAREWHEEL FROM BOOT ,THEN USING HOLES IN TOWBAR AS A GUIDE DRILL 2 HOLES THROUGH BOTTOM OF WHEEL WELL AND SECURE WITH PLATES,BOLTS, WASHERS AND NUTS SUPPLIED MAKING SURE TO PUT 1 X PLATE BETWEEN TOWBAR AND UNDERSIDE OF WHEEL WELL.
  - 3.4. TIGHTEN ALL BOLTS TO SPECIFIED RATINGS.
4. CENTRE BRACKET TO BE REMOVED FROM IMPACT BEAM BEFORE BEING REINSTALLED.
  - 4.1. REATTACH SENSOR HARNESS TO IMPACT BEAM/REATTACH HEAT SHIELD.
  - 4.2. BUMPER CUT TO BE DONE 85 MM WIDE X 195 MM FROM BOTTOM CENTRE OF BUMPER.
  - 4.3. REFIT BUMPER ONTO VEHICLE/REFIT TAIL LIGHTS/REFIT PLASTIC SHROWD.
5. INSTALL BALL MOUNT WITH 2 X M16 BOLTS AND WASHERS SUPPLIED AND TIGHTEN.
  - 5.1. ATTACH RATINGS STICKER TO DRIVERS SIDE DOOR PILLAR.

## Torque table for bolt tightening

<b>Metric GRADE 8.8</b>	<b>UNC GRADE 8</b>
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	