



Towbar Fitting Instructions
To Suit HYUNDAI Tucson 08/2004-On
Part Number QTHY251L
Rating 1500 kg

WARNING:

Do not, drill, cut, weld or otherwise modify the towbar.

If you are using electric welding on a motor vehicle, **always** check that the vehicle is not equipped with electronic engine or instrument management equipment. Failure to do so could **destroy** any onboard **computers**. If in doubt, check with the vehicle's manufacturer.

MAX TOWING CAPACITY 1500KG



CAUTION TWO PERSON LIFT REQUIRED TO FIT THIS PRODUCT

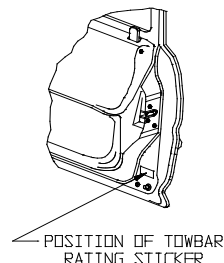
TOOLS REQUIRED

14mm Socket Suitable ratchet
16mm Socket Long extension
Large blade Screwdriver
CRC Spray Masking tape

1. Ensure all items have been included.
2. Remove shipping hook from underside of chassis rail located on the driver's side of the vehicle then discard.
3. Remove plastic stickers covering captive nuts on underside & side of chassis rails each side.
4. Mark out then cut underside of bumper as shown in **figure 1** if fitting to Hyundai Tucson or **figure 2** if fitting to Kia Sportage.
5. Remove then discard M10 X 30 bolts in underside & side of chassis rails each side.
6. Remove three most rear exhaust hanger rubbers then let the muffler hang **(to aid removal of muffler from rubber hangers spray rubbers with CRC)**.
7. Offer towbar to chassis rails aligning holes in side plates with captive nuts in chassis rails fit all bolts, flat & spring washers as per diagram loosely.
8. **Models with no captive nuts on verticle face – (Remove tape from hole)** Fit tapped pl & wire through large hole in horizontal face (forward of towbar) secure with M10 x 35 -1.5p bolts.
9. Tighten all bolts to torque listing below.
10. Refit rear muffler
11. Towbar rating sticker to be conspicuously located on inside rear end of the driver's door.
(See diagram below)

RECOMMENDED ASSEMBLY TORQUE LISTING

<u>Diameter</u>	<u>Grade 8.8 Bolt</u>
	Nm
M6	9.5
M8	21.7
M10	43.4
M12	77.3
M16	189.8



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Fig 1 HYUNDAI TUCSON BUMPER CUT

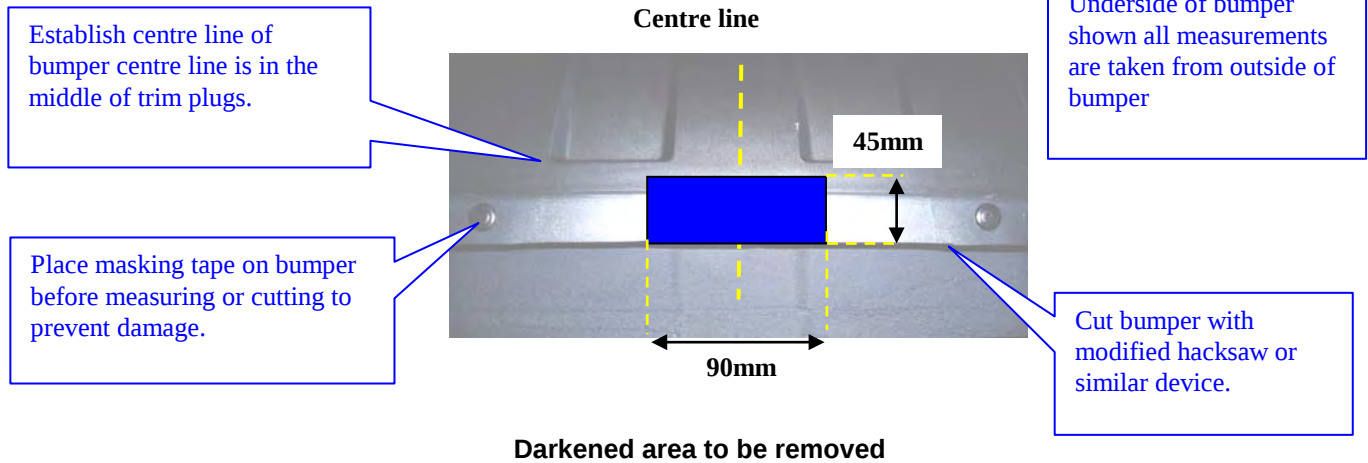
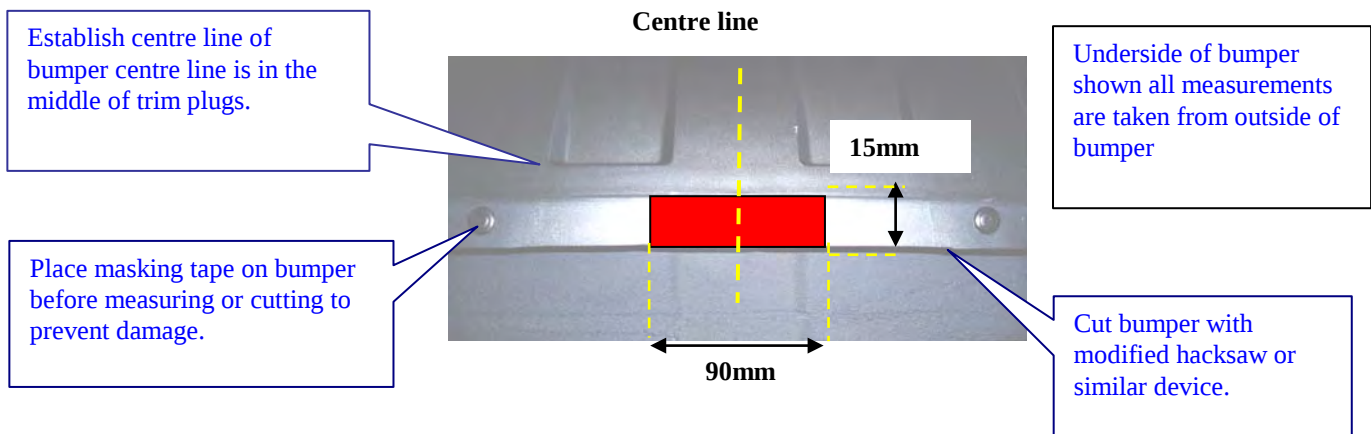
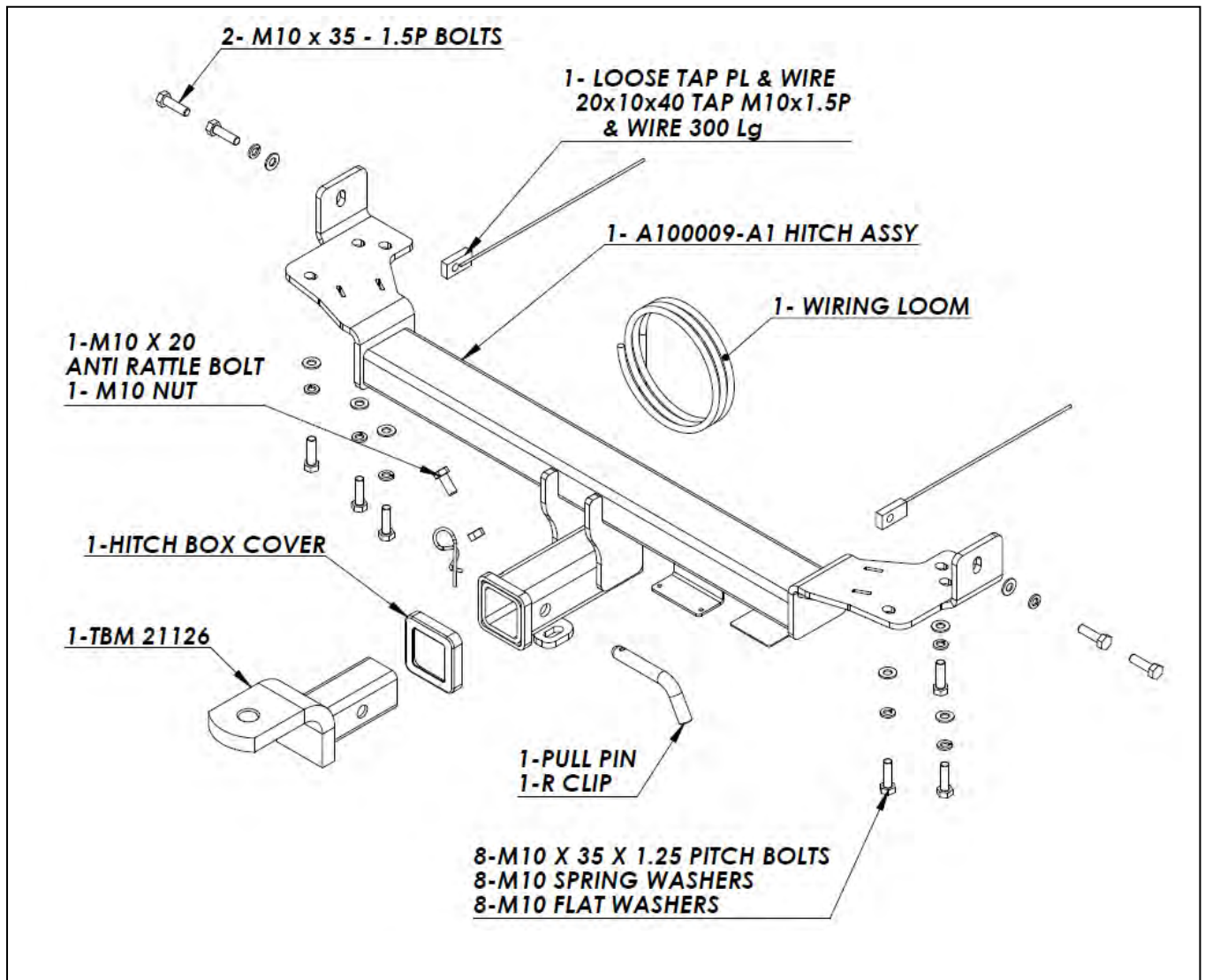


Fig 2 KIA SPORTAGE BUMPER CUT





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FOR TOWING PURPOSES ONLY

For towing capacity details please refer to vehicle owner's manual or to the manufacturer.

Overloading can void your warranties.



Wiring Loom Fitting Instructions
To Suit Hyundai iLoad (Feb 2008 Onwards)
Part Number 100182-WL

Wiring Loom Installation Instructions

Hyundai iLoad/Tucson (Feb 2008 Onwards)
Part No: 100182-WL

Tail Harness Length Required: 1800mm
RPA Override Switch Part No: 04848 (If Fitted)

Wiring Loom Installation Time: Approx 20 Mins



Wiring Loom Fitting Instructions
To Suit Hyundai iLoad (Feb 2008 Onwards)
Part Number 100182-WL

1. Remove the LHS and RHS tail light assemblies.
2. On the rear RHS underneath bumper, route the Trailer Patch Harness (P/No: 100182-WL) up the RHS tail light cavity.
3. Connect the RHS Trailer Patch Harness to the vehicle harness tail light connector.
4. Route the Trailer Patch Harness towards the LHS tail light cavity along the towbar.
5. Connect the LHS Trailer Patch Harness to the vehicle harness tail light connector.
6. On the Tail Harness (Tail length: 1800mm) and mating connector, apply electrical grease or silicon on to the back of the connectors to make them water proof.
7. Connect the Tail Harness to the Trailer Patch Harness together.
8. Connect the Trailer Patch Harness to the tail light assemblies and refit the tail lights.
9. From outside of the vehicle, secure the tail harness socket onto the towbar mounting bracket using M4 fasteners (not supplied). **Important: Keep harnesses clear of exhaust when routing**
10. Test the Trailer Harness function using trailer light board or multimeter.
11. Secure all harnesses to the vehicle using cable ties (not supplied).
12. Refit all removed parts and secure all fasteners.
13. Please place the fitting instructions in the glove box after installation.



FITTING INSTRUCTIONS

Silent Anti-Rattle Hitch Pin (PRO001)

• These fitting instructions are supplied to ensure understanding of how the HITCH PIN should be fitted and used correctly.

• Once installed, we recommend **ALL** instructions are kept and placed in the vehicle glove box.

NOTE: Routine maintenance and inspection of the towbar & HITCH PIN is required. Regularly inspect for wear and check the tightness of the Hitch Pin. Follow instructions below to retighten the nut when necessary.

***Do not tow with your vehicle if the R CLIP or the HITCH PIN is loose or missing. Replacement parts are available from your Pro Series Distributor.**

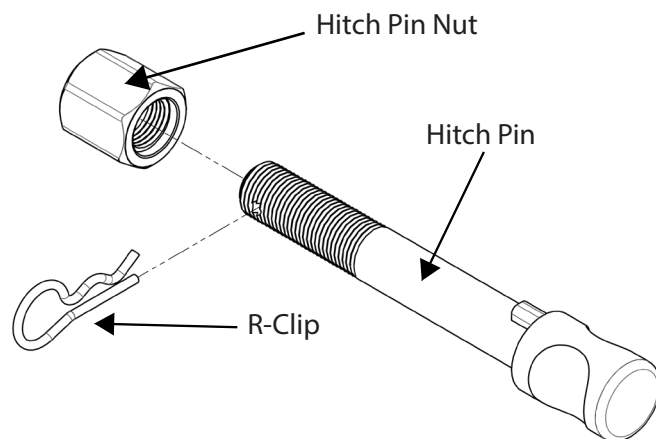


Fig 1. Silent Anti-Rattle Hitch Pin assembly

STEP 1

Insert Trailer Ball Mount (TBM) into towbar HITCHBOX, aligning hole in TBM SHANK with hole in HITCHBOX (Fig 2).

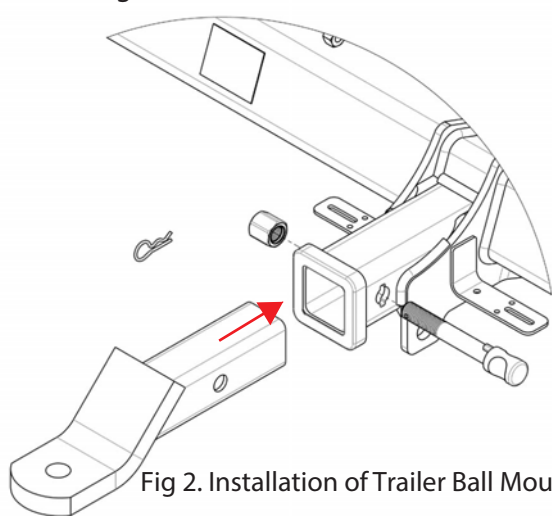


Fig 2. Installation of Trailer Ball Mount

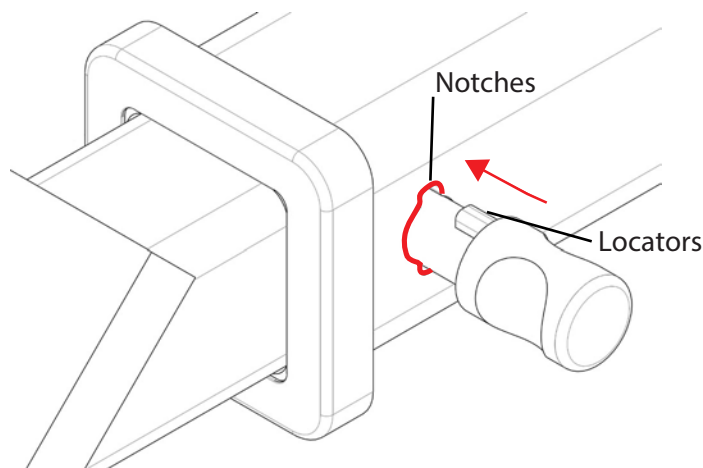


Fig 3. Silent Anti-Rattle Hitch Pin orientation

STEP 2

Insert HITCH PIN through hole in HITCHBOX and hole in TBM SHANK; ensure the LOCATORS are inserted into the NOTCHES in the HITCHBOX (Fig. 3).

STEP 3

Screw HITCH PIN NUT onto HITCH PIN; tighten HITCH PIN NUT until finger tight, ensuring TBM is restrained from movement.

STEP 4

Tighten HITCH PIN NUT by turning nut a further 1/8th of a turn in the clockwise direction using a 24mm spanner (Fig. 4).

STEP 5

Install HITCH PIN R CLIP through the hole on the HITCH PIN (Fig. 1).

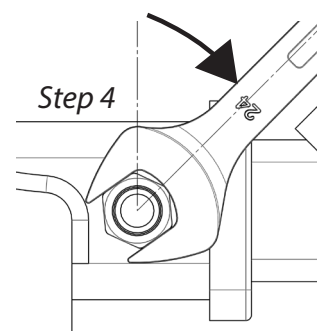


Fig 4. Tightening of Silent Anti-Rattle Hitch Pin Nut