



Towbar Fitting Instructions
To Suit KIA CERATO SEDAN & HATCH 07-2004-ON
Suits - Si MODELS ONLY
Part Number KM10L
Rating 900Kg

WARNING:

Do not, drill, cut, weld or otherwise modify the tow bar.

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.

1. Ensure all hardware items have been included.
2. Remove rear bumper bar
 - a) Remove access panels to rear of tail lights.
 - b) Remove tail lights, unplug wiring and remove 4 x M6 nuts per side.
 - c) Working through tail light opening remove 2 x M6 bolts per side
 - d) Remove mud spats if fitted.
 - e) Remove self tapping screw at bumper tip to wheel arch, 1 per side.
 - f) Remove all trim plugs from bottom edge of bumper.
 - g) Remove all trim plugs from top edge of bumper.
3. Remove 4 x bumper stays and discard.
4. Remove 4 x M10 bolts securing impact beam and discard.
5. Cut bumper as per diagram on the next page see fig 1.
6. Fit tow bar and align with impact beam arm captive nuts, fit bolts, spring washers and flat washers supplied, as per diagram and tighten to torque listing.
7. Refit rear bumper bar in reverse of step 2
Use the trim plugs to secure the lower edge of the bumper bar to the tow bar.

RECOMMENDED ASSEMBLY TORQUE LISTING

<u>Diameter</u>	<u>Grade 8.8 Bolt</u>
	<u>Nm</u>
M6	9.5
M8	21.7
M10	43.4
M12	77.3
M14	121.0
M16	189.8

FOR TOWING PURPOSES ONLY

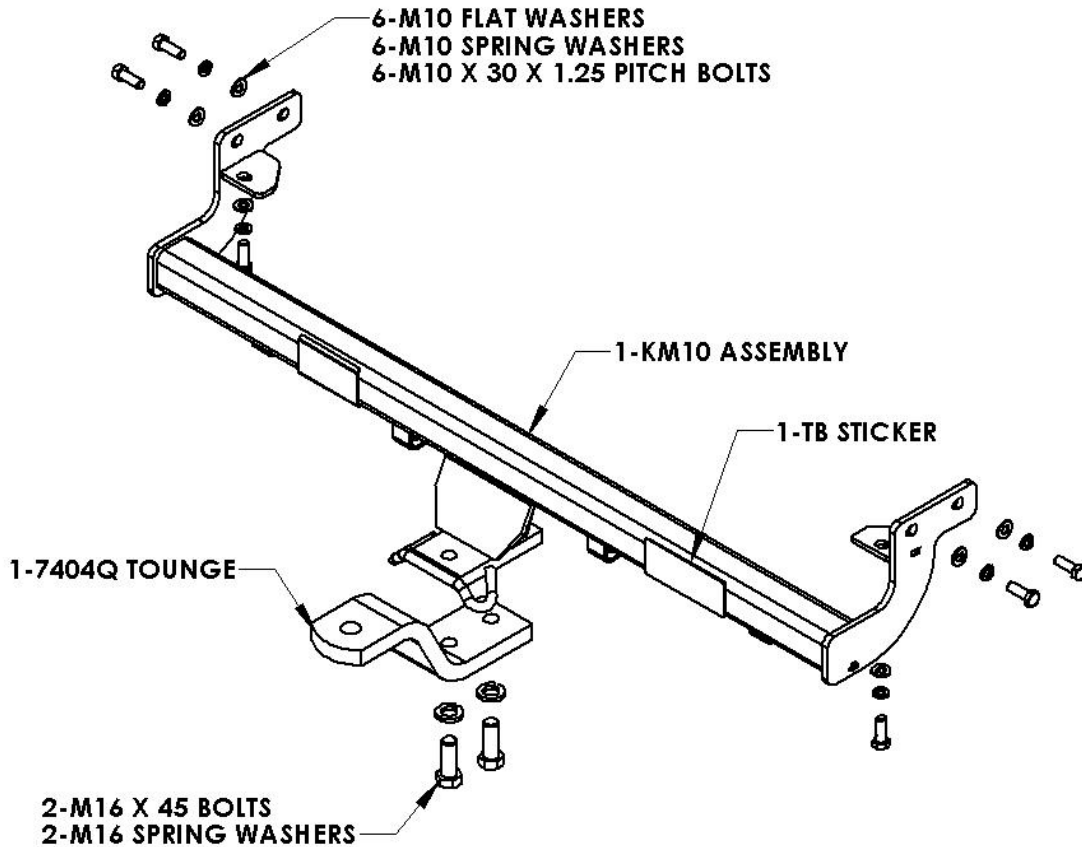
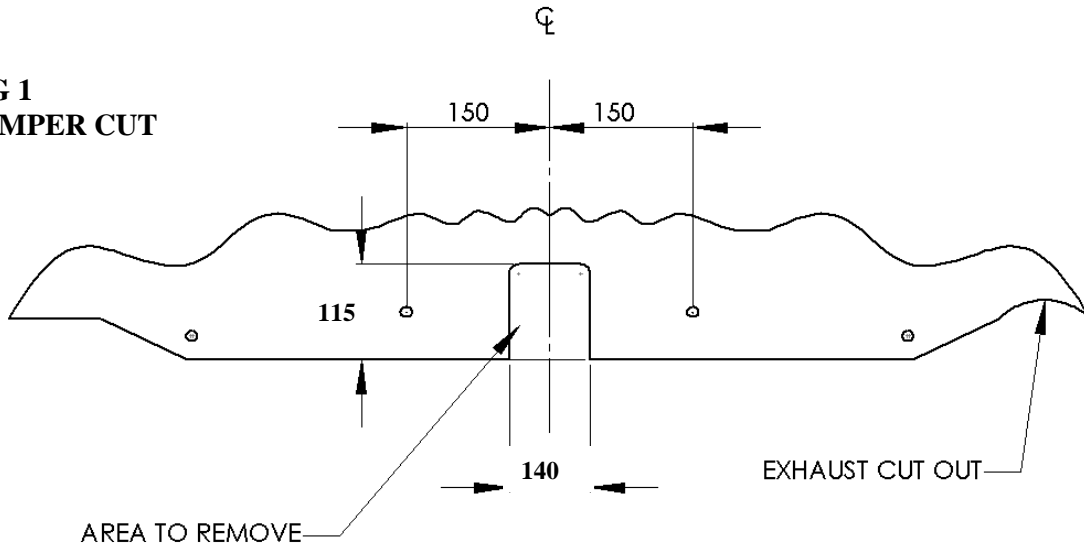
For towing capacity details please refer to vehicle owner's manual or to the manufacturer. Overloading can void your warranties.

PLEASE NOTE: You must remove the lug unless you are actually towing if it obscures your number plate. Failure to do so may result in a fine.

TRAILBOSS

Towbar Fitting Instructions
To Suit KIA CERATO SEDAN & HATCH 07-2004-ON
Suits - Si MODELS ONLY
Part Number KM10L
Rating 900Kg

**FIG 1
BUMPER CUT**





Wiring Loom Fitting Instructions
To Suit Kia Cerato
Part Number 100145-WL

Wiring Loom Installation Instructions

**Kia Cerato
Part No: 100145-WL**

**Tail Harness Length Required: 1200mm
RPA Override Switch Part No: 04848 (If Fitted)**

Wiring Loom Installation Time: Approx 25 Mins



Wiring Loom Fitting Instructions
To Suit Kia Cerato
Part Number 100145-WL

1. Remove all the required trims to gain access to the LHS and RHS tail light connectors and the boot reverse light connector (underneath the boot lid trim).
2. Disconnect the boot reverse light 4-way connector and patch in the Trailer Patch Harness (P/No: 100145-WL) connectors. Secure the Trailer Patch Harness to the boot hinge clips using cable ties (not supplied).
3. Route the Trailer Patch Harness (P/No: 100145-WL) along the rear of the luggage compartment and towards the rear RHS quarter of the vehicle.
4. Disconnect the RHS tail light connectors and connect the Trailer Patch Harness connectors in between the tail light connectors.
5. Underneath the vehicle at the rear RHS quarter, remove the grommet.
6. Using a Ø31mm step drill, drill into the grommet hole.
7. Secure the Trailer socket onto the towbar mounting bracket with M4 fasteners (not supplied).
8. Route the Tail Harness across the towbar towards the grommet hole.
9. From outside of the vehicle, route the Tail Harness (tail length 1200mm) into the vehicle through the drilled out grommet hole.
10. Adjust the Tail Harness grommet to the correct position ensuring it is seated correctly into the grommet hole.
11. Connect the Tail Harness 8-way male connector to the Trailer Patch Harness female connector.
12. On the outside, secure the harness to the towbar using cable ties (not supplied).
13. Test the Trailer socket using a light board or multi-meter.
14. Secure the all harnesses using cables ties (not supplied).
15. Refit all removed parts and secure all fasteners.
16. Place instructions in glove box after fitment.