

FITTING INSTRUCTIONS



PART NUMBER: **T4K495**

Kia Carnival Wagon SWB - 08/06 on
Towing Capacity 2000Kg / Ball Load 200 Kg
Lug # L4120

- 1) Remove bumper.
 - a) Remove screws & clips from wheel arches.
 - b) Remove tail lights.
 - c) Remove 2 screws under tail lights.
 - d) Remove 5 screws from bottom of bumper bar connecting to impact beam.
 - e) Slide bumper rearward to remove.
- 2) Remove impact beam and discard 4x 15mm bolts from back and 2x 15mm nuts from front of beaver panel.
- 3) Remove exhaust bracket RHS.
- 4) Remove towing hook LHS.
- 5) Fit towbar to vehicle with 4x M10 bolts & washers into captive nuts on back of beaver panel.
- 6) Fit 2x M12 bolts & washers in captive nuts into bottom of chassis rail on LHS.
- 7) Fit 2x M8 bolts & nuts and exhaust bracket into captive nuts in the bottom of chassis rail on RHS.
- 8) Fit M12 bolt on wire through access hole in towbar and down through hole in bottom of chassis rail on RHS.
- 9) Fit M10 bolt, washer & nut into remaining hole in beaver panel on LHS.
- 10) Fit M10 bolt, washer & nut, but fit spacer plate between towbar & beaver panel on RHS.
- 11) Tighten all bolts to torque listing below.
- 12) Cut bumper.
- 13) Refit bumper.
- 14) Fit ball mount with pin & clip supplied.
- 15) Fit door sticker supplied to door.

ECU MUST BE FITTED WITH THIS TOWBAR
ECU SOLD SEPARATELY

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