



Fitting Instructions

DETACHABLE TOWBAR **KA21AU**
For KIA CARENS **For use with**
2007 ON **2031 Series**
Necks

MATERIALS

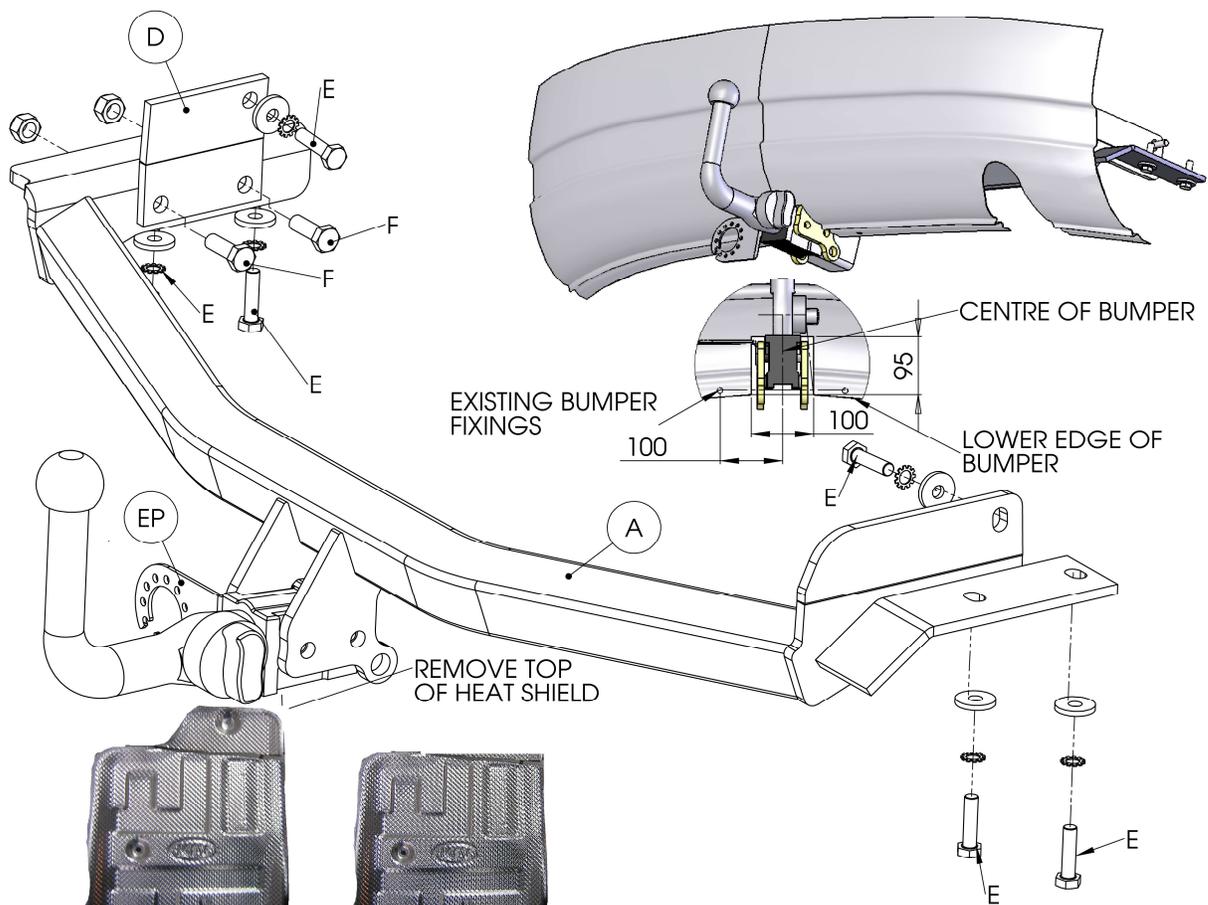
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|----|---|---|
| A | 1 | Cross Bar with type label attached |
| ZQ | 1 | Detachable neck assembly (2031 series necks) |
| D | 1 | Left Hand Side Plate |
| E | 6 | M10 x 40 x 1.25 bolts (fine pitch), Lock Washers and Flat Washers (30mm O.D.) |
| F | 2 | M12 x 35 x 1.75 Bolts and Nyloc Nuts |
| EP | 1 | Electrical Plate (ZEP2) |

FITTING

1. Cut bumper as shown below.
2. Remove towing eye from left hand chassis rail (3 bolts), remove exhaust rear box (2 nuts and 3 rubber hangers), remove exhaust heat shield from chassis (3 bolts) and remove top section as shown below.
3. Loosely attach Cross Bar (A) using Bolts (E) with Flat Washers to existing captive threads in chassis. Loosely attach Side Plate (D) to Cross Bar (A) using Bolts (F).
4. Fully tighten all Bolts.
5. Refit modified heat shield (2 bolts)
6. Refit exhaust rear box and **check exhaust tail pipe clearance** (bend rear most hanger down to maintain clearance – 20mm Min).
7. Please refer to ZQ fitting instructions for fitting of detachable neck.

Please refer to the vehicle specification for the trailer weight and nose limits, which **must be observed**.

Recommended torque settings: M6 – 12Nm, M8 - 27Nm, M10 - 53 Nm ,M12 - 95 Nm, M16 - 214 Nm



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