



# Fitting Instructions

TOWBAR KA18A  
For KIA CARENS  
2007 ON

## MATERIALS

|    |   |   |
|----|---|---|
| A  | 1 | Cross Bar with type label attached  |
| 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  |
| CB | 2 | M16 x 50mm Coupling Bolts, Nuts, Lock Washers                                 |
| Z  | 1 | ZEP35 Electrical plate (not shown)  |

## 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 ensuring.
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).

**Note:** This towbar must be used with either a Witter Towball (part number Z11) or Class A50-1 or A50-X towball dimensionally Conforming to A50-1 with a 'D' and 'S' value greater than or equal to that of the towbar.

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

