



# Fitting Instructions

TOWBAR KA6Q  
For KIA RIO

## MATERIALS

A	1	Cross Bar
D	2	Spreader Plate
E	6	M12 x 80 x 1.75 Bolts, Nuts, Lock Washers and Flat Washers (30mm O.D.)
F	2	M8 x 20 x 1.25 Bolts, Nuts, Lock Washers and Flat Washers (30mm O.D.)
H	6	19mm O.D. Bush, 53mm long
ZEP2	1	Electrical Plate
BC	6	M12 Bolt Caps
	1	Detachable Kit (ZQ2000)

## FITTING

1. Remove Bumper (4 fixings along shut panel, 3 beneath light clusters, 2 M6 nuts inside boot beneath light clusters, 1 tip screw, remove mud flaps and clips along lower edge). Remove bolts securing bumper beam to vehicle chassis (inside boot).
2. Remove and discard bumper beam support arms (4 M8 fixings each side). Lower exhaust rear silencer. Position Spreader Plates (D) inside boot over existing holes (E) and drill forward hole (E). Open out holes so that Bushes (H) can be inserted.
3. Insert Cross Bar (A) through chassis openings and attach using bolts (E), Bushes (H) and Spreader Plates (D).  
**Note:** Insert Bolts (E) from beneath to avoid contact with exhaust. **Fully tighten all bolts** and fit Bolt Caps (BC)
4. Refit bumper, attach bumper beam to Crossbar (A) **fully tighten all bolts**.
5. Refer to ZQ Fitting Instructions and fit Detachable Unit and Electrical Plate (ZEP2).

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

**Recommended torque settings:** M8 - 27Nm, M12 - 95 Nm, **Grade 10.9 M12 – 139Nm**, M16 - 214 Nm

