



Fitting Instructions

TOWBAR KA42AU
Kia Sorrento, 2015-
Hyundai Santa Fe, 2016-

MATERIALS

A	1	Cross Bar
B	1	Side Bracket
C	1	Side Bracket
D	1	Bumper Support Bracket
E	1	Bumper Support Bracket
F	4	M10 x 35 x 1.25 bolts, and Dia30 flat washers
G	3	M12 x 120 x 1.25 bolts, Dia30 flat washers, M12 x 1.25 Nuts
H	4	M12 x 40 x 1.75 bolts, and Nuts
J	1	M12 x 120 x 1.75 bolts, lock washer, Special Cage Nut and Cage Nut Carrier Plate
ZE	1	Retractable Electric Plate Kit
ZN	1	Neck Kit

FITTING

1. Lower/remove the spare wheel from under vehicle, see vehicle owner manual.
2. Remove rear bumper:
 - 2.1. Release screws / plastic plugs and user mud flaps if installed from wheel arches.
 - 2.2. Release plastic plugs from left / right bottom edge on bumper.
 - 2.3. Release plastic cover on left side under vehicle.
 - 2.4. Unscrew collision beam fixing screws beside ends of side frames (3 screws on left side and 2 on right side, 14mm wrench)
 - 2.5. Release connector for wires leading to rear bumper, connector is left side under vehicle.
 - 2.6. Release rear light units from vehicle: two nuts under lids from boot side, pull units off and release electric connector from rear side.
 - 2.7. Release two plastic plugs at both rear light unit area.
 - 2.8. Release bumper sides from vehicle starting tips, then pull bumper with collision beam backwards out of vehicle.
3. Remove the collision beam from inside the rear bumper (plastic plugs), release wires also from beam.
4. Lower the exhaust by removing the 3 rearmost rubber hangers. (Note: Leave rearmost rubber attached to the vehicle side bracket.)
5. Loosely assemble Side Brackets (B & C) to each chassis rail using fasteners (F & G), for vehicles with welded nuts on the LHS chassis rail 2 x M12 x 1.25 nuts will remain unused.
6. Pre-Assemble the Special Cage Nut (J) to the Cage Nut Carrier Plate using the separate Instruction Sheet.
7. Assemble the remaining long Bolt (J) through the chassis rail and Side Bracket (C) and secure using Special Cage Nut (J) as shown in the image below. Bend the tail of the Cage Nut Carrier Plate to clear the exhaust, as required.
8. Loosely attach Cross Bar (A) and Bumper Support Brackets (D & E) to Side Brackets (B & C) using fasteners (H)
9. Attached the chosen Neck option (ZN) and Retractable Electrical Plate (ZE) to Cross Bar (A) using separate Fitting Instructions.
- 10. Fully Tighten all Fasteners**
11. Refit the Spare Wheel to underside of vehicle.
12. Cut the Bumper to clear the center section of the Cross Bar (A) using the sketch below as a guide. The Lower trim and inner bumper will both need cutting.
13. Relocate sensors that were originally fitted to the bumper collision beam to the Cross Bar (A) using tie-wraps or similar as required.
14. Refit the Bumper to the vehicle, utilizing the securing holes in Bumper Support Brackets (D & E) and existing bumper fasteners.

Recommended torque settings:

Grade 8.8 bolts: M8 - 24Nm, M10 - 52 Nm, M12 - 80 Nm, M14 - 130 Nm, M16 - 200 Nm

Grade 10.9: M12 – 120Nm, M10 – 70Nm M8- 35Nm

