



Fitting Instructions

HY65U

TOWBAR
For Hyundai Santa-Fe
MY2016 --

MATERIALS:

A	1	Cross Bar
B	1	Side Bracket
C	1	Side Bracket
D	1	Bumper Support Bracket
E	1	Bumper Support Bracket
E1	2	Bumper Support Angles
F	4	M10 x 35 x 1.25 bolts, lock washers, and Dia30 flat washers
G	3	M12 x 120 x 1.75 bolts, lock washers, Dia30 flat washers (x6), and Nuts
H	4	M12 x 40 x 1.75 bolts, lock washers, and Nuts
J	1	M12 x 120 x 1.75 bolts, lock washers, Washers (30od), Cage Nut and Cage Nut Carrier Plate
K	2	M6 x 20 x 1.0 bolts, washers (x4) & Nyloc Nuts
M	2	M8 x 20 x 1.25 bolts, washers (x4) & Nyloc Nuts
N	1	M12 x 25 x 1.75 bolt, washer & Nyloc Nut
ZEP	1	Electric Plate Bracket
ZE	1	Retractable Electric Plate Kit (Note: Depending on fitting configuration, fully retraction may not be possible)
ZN	1	Fixed 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.
 - 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), releasing wires and keyless entry sensor from beam (If present).
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). **Note:** Bolts (G) can be fitted from outside inwards to prevent interfering with plastic covers (if present).
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. Loosely attach brackets (E1) to Bumper Support Brackets (D & E) using fixings (M).
10. Attach the Neck (ZN) using separate fitting instructions, along with Electric Plate Bracket (ZEP) and Retractable Electrical Plate (ZE) to Cross Bar (A).
11. **Fully Tighten all Fasteners**
12. Refit the Spare Wheel to underside of vehicle.
13. Cut the Bumper to clear the center section of the Cross Bar (A) using the sketch below as a guide only.
14. Disconnect the keyless entry sensor that was attached to the collision beam from it's wiring plug and attach to Crossbar (A) using fixings (K).
15. Refit the Bumper to the vehicle, using existing bumper fasteners to attach to Bumper Supports (E1).
16. Re-attach the keyless entry sensor and wiring loom to their connection plugs and secure loose wiring to Crossbar (A) using cable ties.

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



