MATERIALS:

A	1	Main Crossbar
B	1	Neck option
D	2	M8 x 25mm bolt, washer and Nyloc nut
E	1	M12 x 100mm bolt and Nyloc nut
X	4	Existing M12 Nuts(M12 Grade 10.9 – 120Nm)
Z	1	Electrical Plate Bracket (Z51)

FITTING:

1. Remove bumper-
   Remove screws securing bumper along lower edge, wheel arches, open the boot and remove the plastic/rubber light cluster shut panel trim to reveal 1 screw along top edge of bumper, remove reflector lenses from bumper corners and remove 1 screw. peel back the arch trim to reveal 1 screw at top section of the bumper.
   Starting at the bumper tips, carefully pull bumper outwards to release from clips along side panel. Repeat on other side and then pull the whole bumper rearward to release from the clips along rear panel. Disconnect any sensor wiring.
2. Release rear most exhaust hangers and remove the crash beam, **retaining the plastic trim panel**. Hand the beam back to the customer.
3. Attached Main crossbar (**A**) to the vehicle using original nuts (**X).**
4. Attach exhaust hangers to Main crossbar using Bolts (D).
5. Attach plastic trim panel to Main crossbar (A) using original push clips (5 off).
6. Attach chosen Neck Kit (**B**) and Electric plate (**Z**) as per separate instructions. Fit pinch bolt (E) as shown in sketch below.
7. Fully tighten all fixings to their correct torque settings.
8. Cut aperture in lower bumper tray following perforated lines – **detachable neck option will require additional cutting of the bumper tray to allow free engagement.**
9. Re-fit the bumper, remembering to attach wiring for any sensors. **Take care** to ensure bumper locates between clips on rear panel correctly otherwise bumper may be damaged when boot is shut.

Recommended torque settings: Grade 8.8 bolts: M8 – 27Nm, M16 - 200 Nm **Grade 10.9:** M12 – 120Nm

Pinch bolt (E) must be used on all neck options

Z50 IS NOT SUITABLE - USE Z51 SUPPLIED