MATERIALS

A 1 Cross Bar

B 4 M12 x 35 x 1.75 pitch Bolts, Lock Washers, Plain Washers and Witter Cage Nuts

C 4 Spacer

ZE 1 Retractable Electrical Plate

ZN 1 Neck Kit

FITTING

- 1. Remove wheel arch liners.
- 2. Remove Bumper.
- 3. Remove Steel Bumper Beam.
- 4. Pre-Assemble Witter Cage Nuts (B) to Spacers (C) and faces of the Cross Bar (A) as shown in image below.
- 5. Insert Cross Bar (A) into the vehicle chassis rails and loosely secure using fasteners (B).
- 6. Assemble the chosen Neck Option (ZN), safety Chain Plate (SCP) and Retractable Electrical Plate (ZE) to Cross Bar (A) using separate Fitting Instructions from each kit.

Note: If fitting a detachable neck, use 2-off fasteners supplied with the neck and the 2-off longer fasteners supplied with Electrical Plate Kit (SCP) on Safety Chain Plate side.

- 7. Fully tighten all fasteners.
- 8. Cut bumper using diagram below as a guide and refit to vehicle.

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

