

## **MATERIALS**

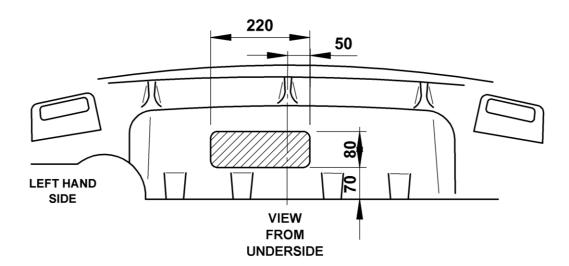
- A 1 Main Crossbar.
- B 1 Right Hand Sidearm.
- C 1 Left Hand Sidearm
- D 2 M12 x 35 x 1.75 Bolts, Dia30 Plain Washers, Lock Washer and Cage Nut.
- E 4 M12 x 35 x 1.75 Bolts, and Nyloc Nuts
- X 8 Existing fixings from aluminium bumper beam
- ZE 1 Retractable Electrical Plate
- ZN 1 Neck Kit

## For use with either

**Note:** This tow bar must be used with either a Witter Tow ball (part number Z11) or Class A50-1 or A50-X tow ball, which dimensionally conforms to A50-1 with a 'D' and 'S' value greater than or equal to that of the tow bar.

## **FITTING**

- 1. Remove bumper
- 2. Remove aluminium bumper beam
- 3. Remove the thin sealing tape covering each chassis rail mounting point (D).
- **4.** Pre-assemble Cage Nuts (D) to each Side Arm (B & C) using separate instructions. (Note: Determine which holes to use and to which face of Side Arm to fit using main diagram below.)
- 5. Insert Side Arms (B & C) into each appropriate chassis rail and secure to the side of each chassis rail using remaining fasteners (D).
- **6.** Assemble tow bar to vehicle rear panel by passing over each protruding Side Arm (B & C) and loosely secure to rear panel using the original bumper beam fasteners (X).
- 7. Secure the end of each Side Arm (B & C) to Cross Bar (A) using fasteners (E).
- **8.** Assemble the chosen Neck (ZN) and Retractable Electrical Plate (ZE) to Cross Bar (A) using instructions contained within each kit.
- **9. Fully tighten all fasteners**, starting with the rear panel fasteners (X)
- **10.** 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

