WITTER Fitting Instructions

MATERIALS

- A 1 Main Crossbar.
- B 2 Sidearm.
- C 2 M12 x 40 x 1.75 Bolts, Dia30 Plain Washer
- D 4 M12 x 40 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 and retain it's 8 x fasteners.
- 3. Remove boot floor trim, rear boot wall trim, and loosen the side panels to allow removal of the lowest boot floor trim, to expose mounting holes (C) either side of boot well.
- 4. Assemble each Side Arm into each chassis rail in the orientation shown below, and loosely secure with fasteners (C) from within the boot.
- 5. Loosely fit the existing bumper beam fasteners (X) to secure each Side Arm (B) to the vehicle rear panel.
- 6. Assemble tow bar to between each side Arm and secure to each Side Arm using fasteners (D).
- 7. Assemble the chosen Neck (ZN) and Retractable Electrical Plate (ZE) to Cross Bar (A) using instructions contained within each kit.
- 8. Fully tighten all fasteners, starting with the rear panel fasteners (X)
- **9.** Re-fit all interior boot trim.
- **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



