MATERIALS:

A 1 Crossbar

B 1 Sidearm

C 6 M10 x 35 x 1.5 Bolt & Flat Washer

D 2 M12 x 35 x 1.75 Bolt & Nyloc Nut

ZE 1 Electrical Plate

ZN 1 Chosen Neck Option

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

FITTING:

- 1. Remove the bumper. Open the boot lid and remove 2 screws that are exposed. Remove fixings from within the wheel arch (4 each side). Remove the plastic undertray from the RH side (plastic fixings and a nut). Detach the LH undertray from the bumper (plastic fixings). Remove the bolts attaching the crash beam to the vehicle rear panel (2 each side). Unclip the electrics connecting the bumper to the vehicle. Starting at bumper tips carefully peel the bumper from its plastic fasteners. Once free from the fasteners slide the bumper and connected crash beam rearward away from the vehicle body.
- 2. Unclip the electrical wiring and detach the crash beam from the bumper. Return the crash beam and fixings to the customer but retain two fixings that secure the bumper edge to the crash beam for refit later.
- 3. Locate the three mounting points along the outer edges of the chassis rails, remove any tape covering the holes and remove any mastic obstructing fitment. Re-protecting the chassis with an anti-rust application is recommended.
- 4. Slide Sidearm (B) into the LH chassis opening and loosely attach using fixings (C).
- 5. Slide Crossbar (A) down the RH chassis opening and loosely attach to the chassis using the remaining fixings (C) and to Sidearm (B) using fixings (D).
- 6. Align the Sidearm and Crossbar and fully tighten to their correct torque settings.
- 7. Attach the Chosen Neck Option (ZN) and Electrical Plate (ZE) using the separate fitting instructions provided.
- **8.** Before re-fitting, cut the bumper using the diagram below <u>as a guide</u>. Larger cut out is for when a flip up electric kit is used. Use cable ties to secure any wiring that was previously attached to the crash beam, to the tow bar. Use the two fixings that were previously retained to secure the bumper edge to the tow bar. Re-attach the undertrays.

Recommended torque settings: Grade 8.8 bolts: M10 - 52 Nm, M12 - 80 Nm, M14 - 130 Nm, M16 - 200 Nm

