

MATERIALS:

| Α | 1 | Crossbar |
|---|---|------------|
| В | 1 | LH Sidearm |
| С | 1 | RH Sidearm |

D 2 Nut Strap

E 2 Drill Template

F 8 M8 x 30 x 1.25 Bolt, Lock Washer & Flat Washer (25o.d.)

G 4 M10 x 45 x 1.5 Bolt, Lock Washer, Flat Washer & Drill Template (2 off used as washers)

H 2 M8 x 30 x 1.25 Bolt, Lock Washer and Flat Washer (15o.d.)

J 4 M12 x 35 x 1.75 Bolt & Nyloc Nut

ZE 1 Electrical plate

ZN 1 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 rear light clusters. Remove screws (2 each side) and ease the cluster outwards at the forwardmost tip. Unclip the wiring to detach from the vehicle.
- 2. Remove the Bumper. Remove the fixings revealed once the boot is opened (2 each side) and plastic fixings along the bumpers edge. Remove fixings from within the wheel arch (2 each side). Carefully peel the bumper away from its fixings beginning at the wheel arch tip. Detach wiring connecting the bumper to the vehicle.
- 3. Remove the crash beam by removing 8 off fixings. (Note: Hand crash beam and fixings to the customer for refitting if the towing bracket is removed). Bend the crash beam tags at the chassis openings flat.
- 4. Lower the exhaust from its rubbers and remove the right hand-side heat shield covering the mounting point on the bottom face of the chassis. Ensure the chassis faces are clear of any mastic then use the Drill Templates (E) to drill holes into the outer face of each chassis (LH chassis shown below). Retain the Drill Template (E) for use on step 5. Treat the drilled area to prevent corrosion.
- 5. Loosely attach the Sidearms (B & C) using fixings (F & G). Slide Nut Straps (D) into the chassis opening, through the Sidearms and loosely attach using fixings (H).
- 6. Attach Crossbar (A) to the Sidearms using fixings (J).
- 7. Align Tow bar and Fully tighten all fixings to recommended torque settings.
- 8. Cut the bumper using the diagram below as a guide. Larger cut-out is only required for use with the flip up Electrical Plate (ZE).
- 9. Attach the chosen Neck (ZN) and Electrics Bracket (ZE).

Recommended torque settings: Grade 8.8 bolts: M8 - 24Nm, M10 - 52 Nm, M12 - 80 Nm

