



# Fitting Instructions

TOWBAR **G489U**  
For Vauxhall/Opel Mokka  
**2021-**

## MATERIALS

A	1	Main Crossbar.
C	2	Sidearms.
D	1	L/H Angle Plate.
E	1	R/H Angle Plate.
F	4	M10 x 35 x 1.5 Bolts, Lock Washers, Flat washers 30o/d and special Caged nuts
G	2	M10 x 30 x1.5 Bolts, Lock washers and Flat washers 30o/d
H	2	M12 x 35 x 1.75 Bolts and Nyloc Nuts.
J	2	M10 x 30 x1.5 Bolts, Lock washers and Flat washers 30o/d
K	4	M8 x 35 x 1.25 Bolts, Lock washers and Flat washers 30o/d.
ZE	1	Electrical Plate.
ZN	1	Neck Option.

## For use with either

**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. **To Remove bumper:** Inside boot, remove coverings both sides to reveal nut holding light cluster in place, this is the only fixing holding the cluster in, disconnect the wiring before removing the cluster.
2. Release three fixings per side inside wheel arches, three more each lower corner and two small bolts along bottom edge.
3. Inside bumper from light cluster void, push down on plastic sliders to release bumper edge, pull bumper from corners releasing clips under light cluster disconnect parking sensors from under bumper (L/H side) before bumper removal.
4. Remove tapes covering mounting points (3 on each side) Loosely attach sidearms "C" also brackets "D" & "E" to outside and bottom of chassis.
5. Fit Crossbar "A" between sidearms "C" and attach using fixings "H". Tighten all fixings to correct torque settings.
6. No bumper Cut required, fit chosen neck option, Refit bumper (reverse of above).

**NOTE: ALL DIMENSIONS ARE APPROXIMATE.**

**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

