



Fitting Instructions

TOWBAR **PFC1113**
For FIAT DUCATO, PEUGEOT BOXER &
CITROEN RELAY VANS 2006-
VAUXHALL MOVANO 2022-

MATERIALS

A	1	Main Cross Bar
B	1	Bracket
C	1	Bracket
D	1	Right Hand Side arm
E	1	Left Hand Side arm
F	1	Cleat
G	2	Captive Nut Plate
H	2	M12 x 65 mm x 1.75 Bolt, Lock Washer and 1 Plain Washers (25 mm OD)
J	4	M12 x 40 mm x 1.75 Bolt, Plain Washers (25 mm OD) and Nyloc Nut
K	2	M12 x 140 mm x 1.75 Bolts, Nyloc Nuts, and 4 Large Plain Washers (30 mm OD)
L	2	M12 x 40 mm x 1.75 Bolt, Plain Washer (25 mm OD) and Nyloc Nut
M	2	M12 x 40 mm x 1.75 Bolt, and Plain Washer (25 mm OD)
N	4	M10 x 35 mm x 1.25 mm Bolts, lock washers and 4 Plain Washers (25 mm OD)
P	2	M10 x 35 mm x 1.25 mm Bolts, Nyloc Nuts and 4 Plain Washers (25 mm OD)
CP	1	10 mm Coupling Packer (not shown)
CB	2	M16 x 60mm Coupling Bolts, Nuts, Lock Washers (not shown)
Z	1	ZEP35 Electrical plate (not shown)

FITTING

- 1.) To remove bumper, open rear doors and remove all Torx screws. If reversing sensors are present disconnect wiring loom on right hand side.
- 2.) Undo bolts and Nuts to remove rear crash beam.
Note: On some vehicles the threaded outboard holes for bolts **(B)** have been blocked by the rear panel. Carefully drill through the rear panel to access fixings. See diagram for dimensions.
- 3.) Loosely fit left-hand Side Arm **(E)** and right-hand Side Arm **(D)** to each chassis rail using bolts **(K)**.
- 4.) Loosely fit the Brackets **(B & C)** to the rear panel using fasteners **(N)** for the top fixings (The lower fixing is inserted later in these instructions).
- 5.) Fit the main Crossbar **(A)** to the Brackets **(B & C)** using fasteners **(L & M)**.
- 6.) Rotate side arms **(D & E)** into position and attach to Brackets **(B & C)** using fasteners **(J)**.
- 7.) Remove the most rearward square rubbers from underneath of chassis rails on both sides and insert Captive Nut Plate **(G)** ensuring Nut is facing upwards. Then slide back so the hole is in the centre of the square chassis hole.
- 8.) Secure Cleat **(F)** to each chassis rail using fastener **(H)** screwed into the Captive Nut Plate **(G)**.
- 9.) Now secure Cleat **(F)** to each Bracket **(B & C)** sandwiching the vehicle rear panel using fastener **(P)**
- 10.) Once satisfied with alignment tighten Cross bar **(A)** to rear panel, followed by chassis side arms **(D)** and **(E)**. **Note Bolt (K) to be Tightened to 80Nm.** Tighten remaining bolts to recommended torque settings.
- 11.) Refit rear plastic bumper in reverse order as removal.
- 12.) For Bumper Tags use the remaining Bumper Torx screws and add nuts **(P)** to tighten.
- 13.) Fit your chosen tow ball and the electrical plate using fasteners **(CB)**, with coupling packet if required (lower hole set).

Note: This towbar must be used with either a Witter Towball (part number Z11) or Class A50-1 or A50-X and Z52B dimensionally Conforming to A50-1 with a 'D' and 'S' value greater than or equal to that of the towbar.

Due to the configuration of parts leave all bolts loose until final tightening Sequence.

Please refer to the vehicle specification for the trailer weight and nose limits, which **must be observed.**

Recommended torque settings: M8 - 27Nm, M10 - 53 Nm, M12 - 95 Nm, M14 - 150 Nm, M16 - 214 Nm

Grade 10.9: M12 – 139Nm, M10 – 78Nm

For blocked outboard holes,
mark distances accurately.
Drill small pilot hole, and then
open hole with cone cutter to
prevent damage to threads

