



Fitting Instructions

TOWBAR PFC5A
For FIAT DUCATO, PEUGEOT BOXER &
CITROEN RELAY VANS
2006-

MATERIALS

A	1	Main Cross Bar
B	4	M10 x 35 mm x 1.25 mm Bolts, lock washers and 4 flat washers (25 mm OD)
C	2	M10 x 35 mm x 1.25 mm Bolts, Nyloc Nuts and 4 flat washers (25 mm OD)
D	1	Left Hand Chassis Side arm
E	1	Right Hand Chassis Side arm
F	1	Left Hand Support Arm
G	1	Right Hand Support Arm
H	2	Towing Eye Spacer Brackets
J	2	Chassis Sliders (Nut to be at front when placed inwards).
K	2	M12 x 140 mm x 1.75 Bolts, Nyloc Nuts, and 4 Large Flat Washers (30 mm OD)
L	6	M12 x 55 mm x 1.75 Bolts, Nyloc Nuts, and 12 Flat Washers (25 mm OD)
M	1	M12 x 45 mm x 1.75 Bolts, Lock Washer and 1 Flat Washer (25 mm OD)
N	1	M12 x 65 mm x 1.75 Bolt, Lock Washer and 1 Flat Washer (25 mm OD)
P	2	M6 x 1.00 Nut, and 2 Flat Washers (13 mm OD)
Q	1	10 mm Coupling Packer
CB	2	M16 x 50mm Coupling Bolts, Nuts, Lock Washers

Other Vehicle Variants

R	2	19mm OD Bush, 74mm Long for Bolts (K). To be used only on XL versions where no hole K is present.
S	4	M8 x 35mm x 1.25mm Bolts, lock washers and flat washers (25mm OD) (For older models)

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 vehicles 2007 onwards, the rear mounting holes have changed to 10mm captives. Please use Bolts (S) for earlier vehicles. **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.) Fit Left hand (D) and right hand (E) side arms using M12 bolts (K) to the chassis rails. Keep loose and rest side arm ends on the leaf spring swivel arms for easy fit later on.
- 4.) Fit the main crossbar to the rear panel using Bolts (B) for the top fixings. Continue the fitting by using Bolts (C) on both sides ensuring thread is in a rearward direction as shown.
- 5.) Rotate upwards side arms (D) and (E) and use the top bolts (L) to align to the underside of cross bar.
- 6.) Remove the most rearward square rubbers from underneath of chassis rails on both sides. Insert chassis sliders (J) ensuring nut end going in first. Then slide back so the hole is in the centre of the Square chassis hole. Ensure threads are clean to aid fitment.
- 7.) Bolt Bracket (F) to side arm (D), using bolts (L). Once done screw bolt (M) through the single vertical hole into Slider (J). **Note:** Use thread lock.
- 8.) Use the same procedure with Bracket (G), but additional bushes (H) must be used to miss the towing eye. Use Bolt (N) for extra Length. Add additional Bolts (L) to the side holes bolting through Side arm (E).
- 9.) Once satisfied with alignment tighten Cross bar to rear panel, followed by chassis side arms (D) and (E). **Note Bolt (K) to be Tightened to 80N/m.** Tighten remaining bolts to recommended torque settings.
- 10.) Cut bumper using diagram as a guide, refit rear plastic bumper in reverse order as removal.
- 11.) For Bumper Tags use the remaining Bumper Torx screws and add nuts (P) to tighten.

Note: This towbar must be used with either a Witter Towball (part number Z11) or Class A50-1 or A50-X towball 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.

It is recommended that thread lock is to be used on bolt threads where a captive nut is used.

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

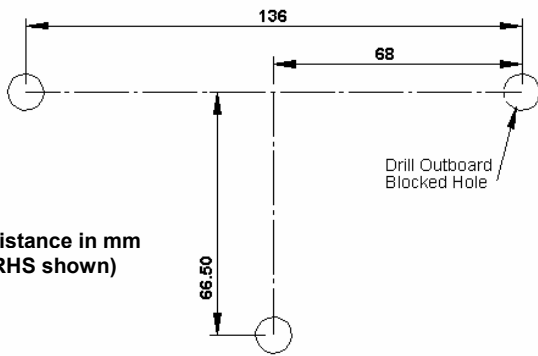
Recommended torque settings: M8 - 27Nm, M10 - 53 Nm, M12 - 95 Nm, M14 - 150 Nm, M16 - 214 Nm

Grade 10.9: M12 – 139Nm, M10 – 78Nm



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Distance in mm
(RHS shown)



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

