



# 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 ( <b>Nut to be at front when placed inwards</b> ).
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
Z	1	ZEP35 Electrical plate (not shown)

## Other Vehicle Variants

R	2	19mm OD Bush, 94mm Long for Bolts ( <b>K</b> ). To be used only on <b>XL</b> 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 though 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.**

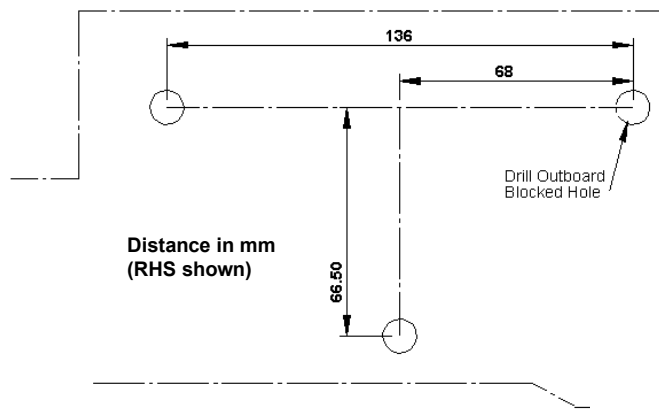
Please refer to the vehicle specification for the trailer weight and nose limits, which **must be observed**.

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

**Grade 10.9:** M12 – 139Nm, M10 – 78Nm



W0001PFC5A-FIT\$020802130000



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

