



# Fitting Instructions

TOWBAR PFC6  
For FIAT DUCATO, PEUGEOT BOXER,  
CITROEN RELAY  
DROPSIDE VERSION 2006 on-

## MATERIALS

- A 1 Main Cross Bar
- B 1 Towing eye Spacer Bush
- C 1 10mm Coupling Packer
- D 1 Side Arm Chassis Left
- E 1 Side Arm Chassis Right
- F 1 Arm Support Left
- G 1 Arm Support Right
- H 2 M10 X 35mmx1.5, M10 X 20mm Flat washers Qty 4, M10 Nyloc Nuts, Qty2.
- J 2 Chassis sliders (**Note: Nut to be at front when placed inwards**)
- K 2 M12x140mmx 1.75, M12 X40 mm Flat Washer Qty4, M12 Nyloc Nuts Qty 2. (100 NM)
- L 4 M8 X 35mm X 1.25, M8x20mm Flat Washer Qty 8, M8 Nyloc Nuts Qty4 ,
- M 2 M16X50mmX2.00, M16 Star lock washers Qty2
- N 2 M12x45mm x 1.75, M12X25 Flat Washer Qty4, M12 Nyloc Nuts Qty2 (Grade 10.9)
- O 4 M12X45mm X1.75, M12X25 Flat washer Qty8, M12 Nyloc Nuts Qty4
- P 1 M12X45mm X1.75, M12 Star lock washer Qty1
- R 1 M12x65mm X1.75Qty1, M12 Star lock washer Qty1
- S 2 M16 Bolt Caps
- CB 2 Coupling Bolts M16 X 65mm, M16Nuts Qty2, 2 M16 Star lock Washer Qty 2

## FITTING

### Notes:

**Due to the configuration of parts leave all bolts loose until final tightening Sequence.**  
**It is recommended that thread lock be used on bolt threads where a captive nut is used.**

- 1.) 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 fitment later on.
- 2.) To fit main cross bar align the cross bar to the back panel by using bolts (**L**) ensuring enough movement is kept from side to side. In addition use bolts (**H**) to complete the crossbar fixing, ensuring threads are in a rearward direction as shown.
- 3.) Rotate upwards side arms (**D**) and (**E**) to cross bar (**A**) and use the bolts (**M**) to align. Once supported fit bolts (**N Grade 10.9**) with washers and nuts . Leave loose.
- 4.) Remove the most rearward square rubbers from underneath of chassis rails on both side.
- 5.) Fit chassis sliders (**J**). **Important:** These must be placed into the Chassis with nut 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.
- 6.) Using Bracket (**F**) on the left side, place Bolt (**P**) through the single hole and screw into Slider (**J**). **Note:** Use thread lock.
- 7.) Once satisfied add additional bolts (**O**) to the brackets bolting through side arm (**D**)
- 8.) Use the same procedure with side arm (**G**), but additional bush (**B**) must be used to miss the towing eye. Use bolt (**R**) for extra Length. Add additional bolts (**O**) to the side holes bolting though Side arms (**E & G**).
- 9.) Tighten M8 & M10 bolts on Cross Bar, followed by chassis side arms (**D**) and (**E**). **Note Bolt (K) to be Tightened to 80N/m**
- 10.) Tighten remaining bolts to recommended torque settings.

**Note:** This towbar must be used with either a Witter Towball (part number ?) 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.

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, M12 (10.9) - 139 Nm

