

Fitting Instructions for PWR FG Falcon XR6T and F6 Pipe Kit: For Factory BOV - PWA6630

PWA6630 Kit enhances the stock FG Xr6T Intercooler, the stock FG F6 intercooler and both the PWR upgrade part numbers for these models, PWI 6012 (FG Xr6T) and PWI6207 (FG F6).

Tools required

7mm Ratchet Socket
8mm Ratchet Socket
10mm Ratchet Socket
12mm Ratchet Socket
13mm Ratchet Socket
Small Bladed Screw Driver
Medium Phillips head Bladed Screw driver

Items included in kit



Ideally ensure engine temp is low.. ie cold

Raise vehicle to ideal hoist working height of 1mtr

Open bonnet and raise to full extension.

Using Phillips head screw driver, remove the wheel arch splash shield scrivets attaching wheel arch splash shield to front bar cover. 3 Per side.

Pulling the inner splash shield toward front wheel, this will expose the 2x 10mm head bolts securing front bar to fender. Remove these 2 Bolts. 2 per side.

Remove 5 scrivets holding grille splash shield to front bar cover

Underneath the engine cross member remove the 2 x 8mm head bolts retaining the lower front bar splash tray to the cross member.

With lite force pull on the far corners of the front bar cover nearest to the front wheel. This will release the front bar cover clip in each corner.

Carefully support the bar cover, moving it forward a 100mm and proceed to unclip the wire connector to the lower fog lamp each side.

With the bar cover completely removed from car, proceed to loosen and remove the 10mm head bolts from each headlight, 2 at front and one per side near the bar retainer clip. There is no need to unclip any of the headlight electrics as the headlights are only required to be moved a few cm from their standard position.

Proceed to loosen the turbo outlet pipe clamps, followed by the chassis pipe retainer behind the RH head light. Remove each pipe.

From the front of car loosen 2 x 8mm head bolts below the RH Headlight, loosen clamp there and on feed to the intercooler and remove pipe. This will require headlight to be moved forward of its original position for this pipe to clear as it is removed. NOTE the headlight has retainer clip near each bolt that requires clips to be released for the headlight to move from factory position (even with bolts removed).

Loosen the intercooler exit pipe clamps and 2 x 8mm head bolts under the LH head light and remove pipe (repeating method of allowing headlight to move)

Loosen the boost pipe clamps leading up to throttle body and remove pipe. Don't remove the Plastic factory BOV section. This remains in place with the new pipe kit.

Wipe any excess oil from the turbo outlet and place the 2-2.5 reducer (**item no.1**) onto turbo outlet with 1 x 40-64mm Hose Clamp.

Sliding 1 x 52-76mm Hose Clamp onto the 2.5 section of the reducer, place PWR Boost Pipe (**item no.2**) into the connector pointing in similar direction to where the factory pipe once sat.

Sliding 1x 2.5" x 3" Long Silicon (**item no.3**) connector onto the end of PWR pipe No1. Slide 2 x 52-76mm clamps onto the silicon connector.

From the Front of Vehicle feed PWR Pipe (**item No.4**) through under the RH headlight through to meet the silicon connector on PWR Pipe (**item No.2**).



Angling pipe No 4 down wards behind Bar Reo. Connect the 90Deg 2.5 silicon Hose (**Item No.5**).



Connect Pipe Item **No.6** and Item **No.7** placing a 2.5 hose clamp on each as pictured . Keep in mind to align the hose clamps for ease of access to tighten. Tighten each clamp.



Working our way to the left side of vehicle, proceed to feed **item no.11** though under head light and leave hang there.

Proceed to fit **items No.8,9&10**, fitting clamps to each and again align them for ease of access for tightening.

Tighten clamps.



Fit silicon hose **No.12** to end of pipe entering engine bay (**pipe item No.11**)

Proceed to fit pipe **No.13** into silicon joiner **no.12**.

Before applying clamps to either of the pictured pipes, proceed to fit the final piece of silicon hose **No.14** to the end of Pipe **No.13**.

Again be sure to align the clamps for easy access for tightening.

Tighten clamps

Proceed to double check the new items for clearance.

Double check each hose clamp is tight.

Proceed to refit headlights to standard position and bolt up as per reverse order of above, including front bar and splash shields.