



## PERFORMANCE COLD AIR INTAKE KIT

### FORD FG 6-CYLINDER

### Fitting Instructions



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## Part 1 – Removal of Snorkel

### Step 1

Remove the plastic screw which secures the air intake snorkel.



### Step 2

The right side of the snorkel should slide out after removing the left screw.



### Step 3

The snorkel also connects to the factory air-box and can be simply removed by rotating away from the engine and sliding it off the air-box pipe.



### Step 4

With both sides free, simply remove the snorkel.



## Part 2 – Removal of Factory Air Box

### Step 1

Remove both screws located at the back of the factory air box closest to the passenger side strut tower.



### Step 2

Loosen the hose clamp securing the adapter hose to the air-box and pull the air box away from the adapter hose.





## Step 3

Simply lift the air box out of the engine bay.



## Part 3 – Installation of Performance Cold Air

### Intake

#### Step 1

Remove both grommets located beneath the air-box by simply pulling them out of the holes.



#### Step 2

Pull out the plug near the headlight from its connection.



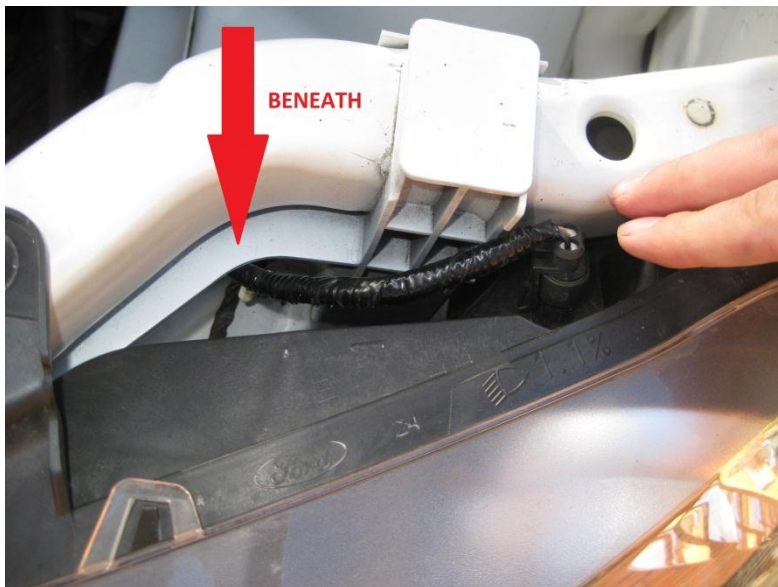
### Step 3

Remove the plastic screw holding the loom's cabling in place on the inside of the radiator support.



### Step 4

Pull the cable beneath the support panel and plug it into its connection ensuring all wiring runs beneath the mounting panel, allowing no physical infringement to take place when installing the new intake box.





## Step 5

Secure a 5mm hex screw to your right index finger with general sticky tape.



## Step 6

Insert the screw and finger through the hole closest to the quarter panel and reach around towards the 6mm hole beside it.



## Step 7

Insert the end of the screw through the hole.



## Step 8

Whilst still holding the bolt with your finger, slide the flat bracket over the bolt. Apply a flat washer, spring washer and nut respectively, but do not tighten it completely. Leave some space to allow for the new cold air intake enclosure to slide in beneath the bracket.



## Step 9

Slide in the enclosure with correct orientation and tighten the nut such that the bracket is secure.



## Step 10

The enclosure should also be mounted at the top using the existing outer hole in the bodywork and the L-shaped bracket provided.



## Step 11

Install a 6mm socket-headed cap screw (longer side of bracket) with an Allen key placing both a spring and flat washer beneath it. The spring washer is installed closest to the screw head.



## Step 12

Mount the shorter side of the bracket onto the enclosure via two more 6mm screws with flat and spring washers and then secure with the two 6mm nuts. Ensure screw heads are visible on the outside of the enclosure, causing the washers and nuts to be within the enclosure.





## Step 13

Install the filter adapter pipe by sliding it through the circular opening of the enclosure toward the existing adapter hose.



## Step 14

In order to maximize air flow, the largest possible size pipe has been supplied but may be a tight fit - a screwdriver will make insertion easier. Lining the outer edge of the tube with a lubricant will also help. If insertion is difficult, leaving the end of the tube in a bucket of hot water will let the rubber expand enough to insert the tube.





## Step 15

Once inserted approx. 15-20 mm, tighten the hose clamp to ensure the pipe is secured.



## Step 16

Slide the pod filter onto the open end of the adapter pipe within the enclosure.



## Step 17

Tighten the hose clamp to ensure the pod filter is secure.



## Step 18

Place the lid on top of the enclosure, ensuring the texture faces up and orientation is correct.



## Step 19

Secure the lid by screwing in the 6 remaining cap screws with an Allen key.



In order to achieve perfect alignment some adjustment may be required. This can be achieved by loosening all brackets and screws and holding the enclosure in place and retightening the screws.







## *Installation Complete*

*Congratulations!* The installation of the Ford FG 6-Cylinder Performance Cold Air Intake Kit is complete. The team at Mace Engineering Group hopes you enjoy your new product.

