

# *Street Fighter*

## STREETFIGHTER OIL BREATHER FITTING INSTRUCTIONS - FG-FGX FALCON



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## **STREETFIGHTER OIL BREATHER FITTING INSTRUCTIONS - FG-FGX FALCON**

- 1) Remove the 2 Air box mounting bolts.
  - 2) Remove the plastic screw and clip at the front of the Air box.
  - 3) Unclip the 2 standard breather pipe connectors from the LH Engine bank and ducting and remove completely.
  - 4) Unclip the front breather pipe connector from the RH Engine bank. Do not attempt to unclip the rear breather connector
  - 5) Remove right hand bank (PCV) breather valve from engine by twisting its base anti clockwise using long nose pliers. **(FIGURE 1)**
  - 6) The (PCV) valve will need to be gutted to allow oil return from the breather back into the engine. This is done by removing the plastic disc that holds the valve and spring from the casing. The valve and spring will now simply drop out into your hand. **(FIGURES 2 and 3)**
  - 7) The PCV casing should now be clear to act as an oil return to the engine. **(FIGURE 4)**
  - 8) The PCV casing will now require cutting down to size, so as to accommodate the new oil breather assembly. You will need to remove 9mm from the casing. You can do this easily with a hacksaw. Be sure to remove any swarf or rough edges with some emery paper. Total casing length – Original 66mm / Modified 57mm. **(FIGURE 5)**
  - 9) Refit the casing to the engine with long nose pliers by screwing clockwise back in position. The casing is now ready to accept the Streetfighter oil breather that has the PCV built into its outlet fitting.
- \*Note: Breathers need to be fitted to the correct bank. The left breather has the longer snout
- 10) While lifting the Air box up and out the way slightly fit the LH breather down unto the rocker cover breather snout.
  - 11) The RH breather can be fitted directly unto the rocker cover breather snout  
Be sure that both breathers are fitted all the way down and the clips are fitted and securing the breathers correctly.

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12) Refit the 2 mounting bolts and 1 plastic screw and clip to the Air box. I have supplied some protective rubber foam to place between the left hand breather and air box lid.

13) Now that the breather is in place you will need to make slight modifications to the breather piping as per the attached pictures. (FIGURES 6-9)

14) You will need to cut and re-route the breather hoses as per pictures. Very easy. After you have placed them in position, use a bit of epoxy glue to keep a permanent shape.

(FIGURES 10-14)

Job Done!

## Service requirements

Breathers should be removed and filters cleaned or replaced every engine oil service.

We recommend servicing your 5.0 Coyote engine with new oil and oil filter every 7,500 km.

Vehicles using E85/Ethanol fuels should check and service the breather filters more regularly according to usage.

The filter used is a dedicated 100 micron sintered brass filter that works to separate oil from air.

The filter can only work correctly while maintained and in good condition. Filters can be cleaned with a general workshop cleaning solvent and then rinsed thoroughly with water. Use compressed air to blow out any excess water and allow to dry before refitting. (FIGURE 15)

New filters and O rings can be purchased from a Streetfighter Specialist Workshop, direct from Streetfighter or from our online store ([www.kpmmotorsport.com.au/store](http://www.kpmmotorsport.com.au/store)).

For any enquiries please contact us at [orders@streetfighter.net.au](mailto:orders@streetfighter.net.au)

# *Street Fighter*

FIGURE 1



FIGURE 2



# *Street Fighter*

FIGURE 3



FIGURE 4



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FIGURE 5

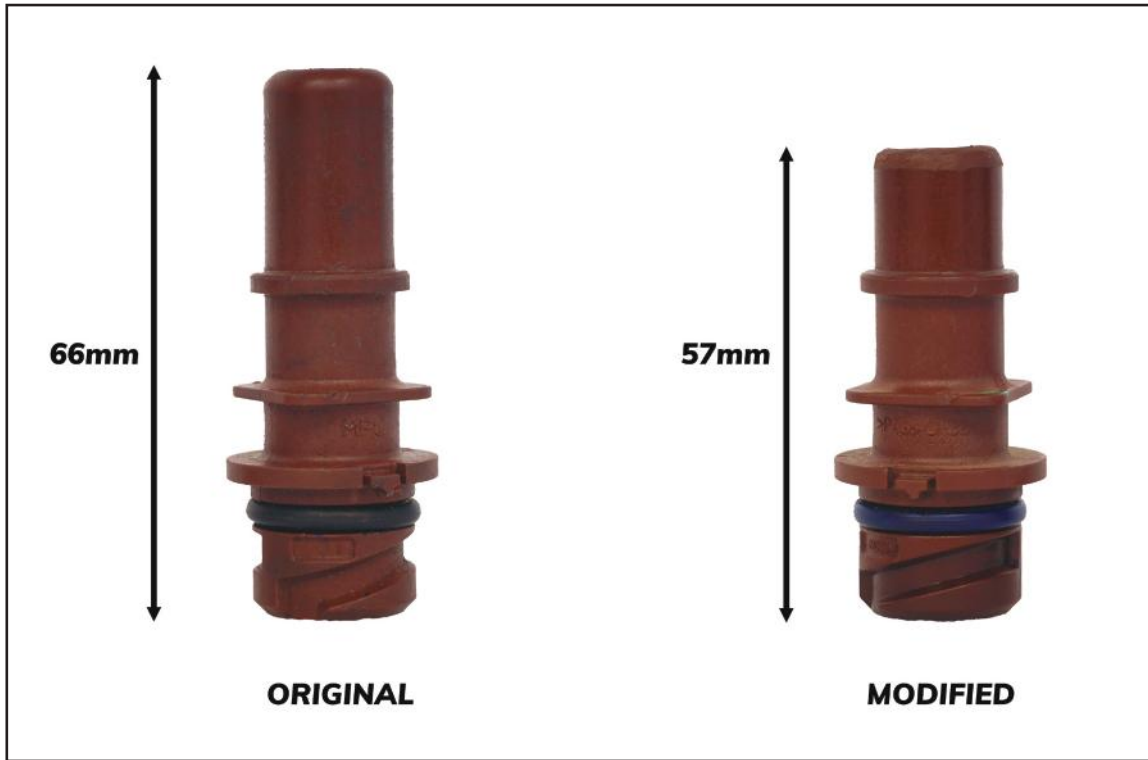
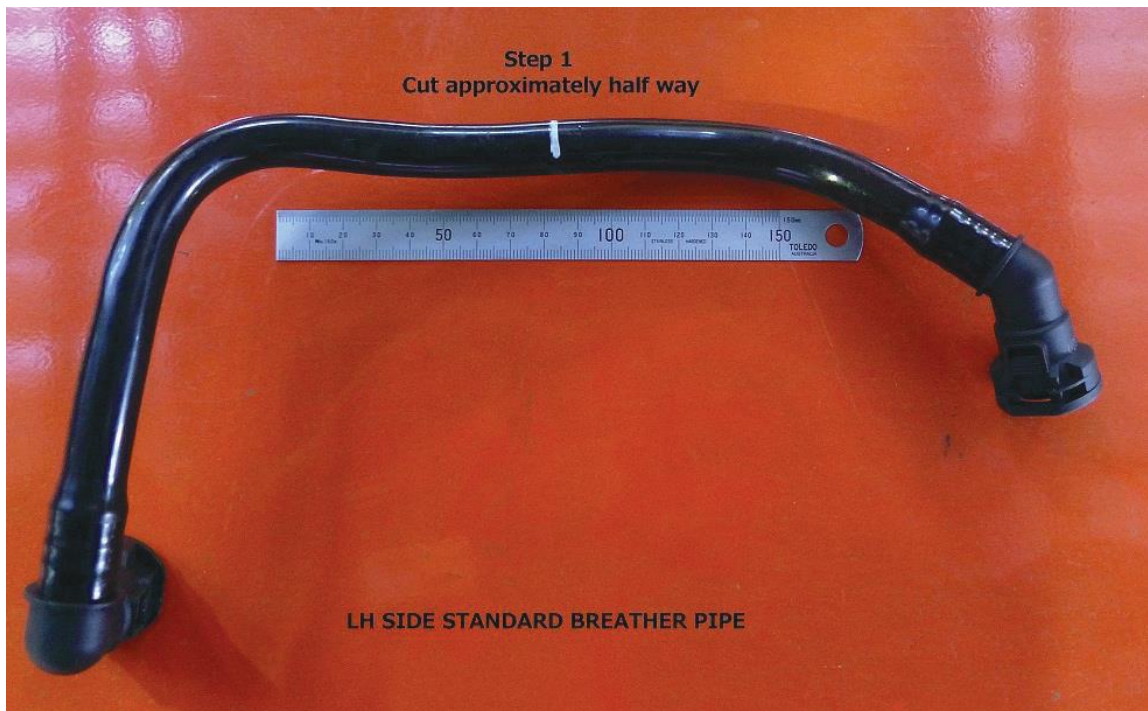


FIGURE 6

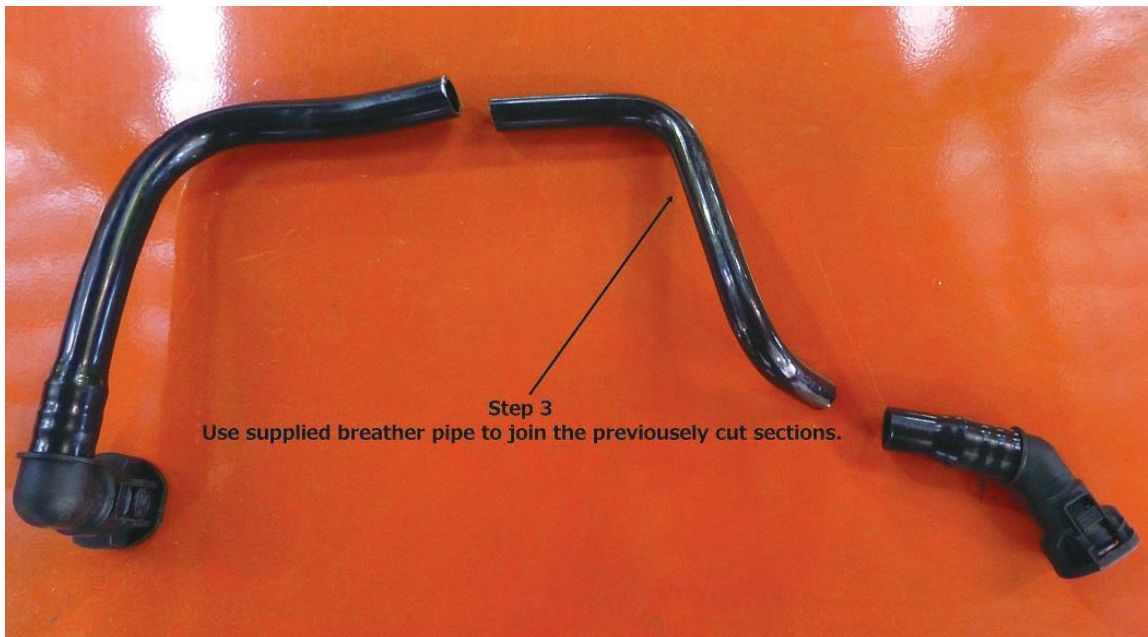


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FIGURE 7



FIGURE 8



# *Street Fighter*

FIGURE 9



FIGURE 10





# *Street Fighter*

FIGURE 11

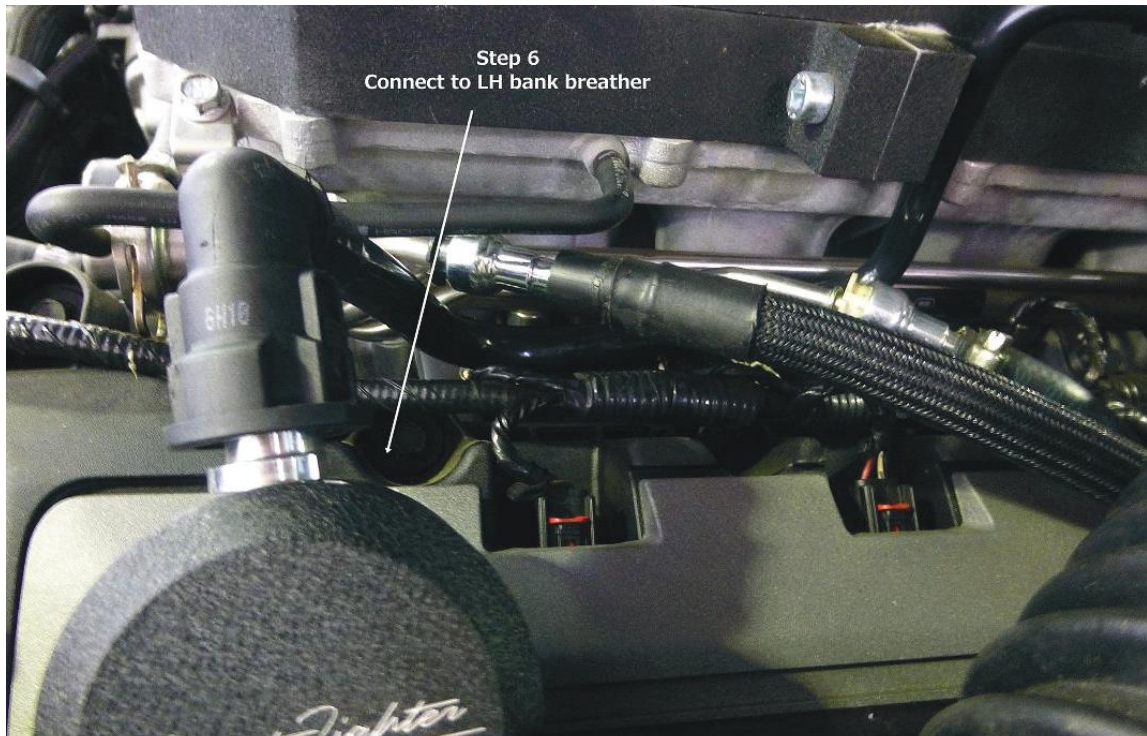
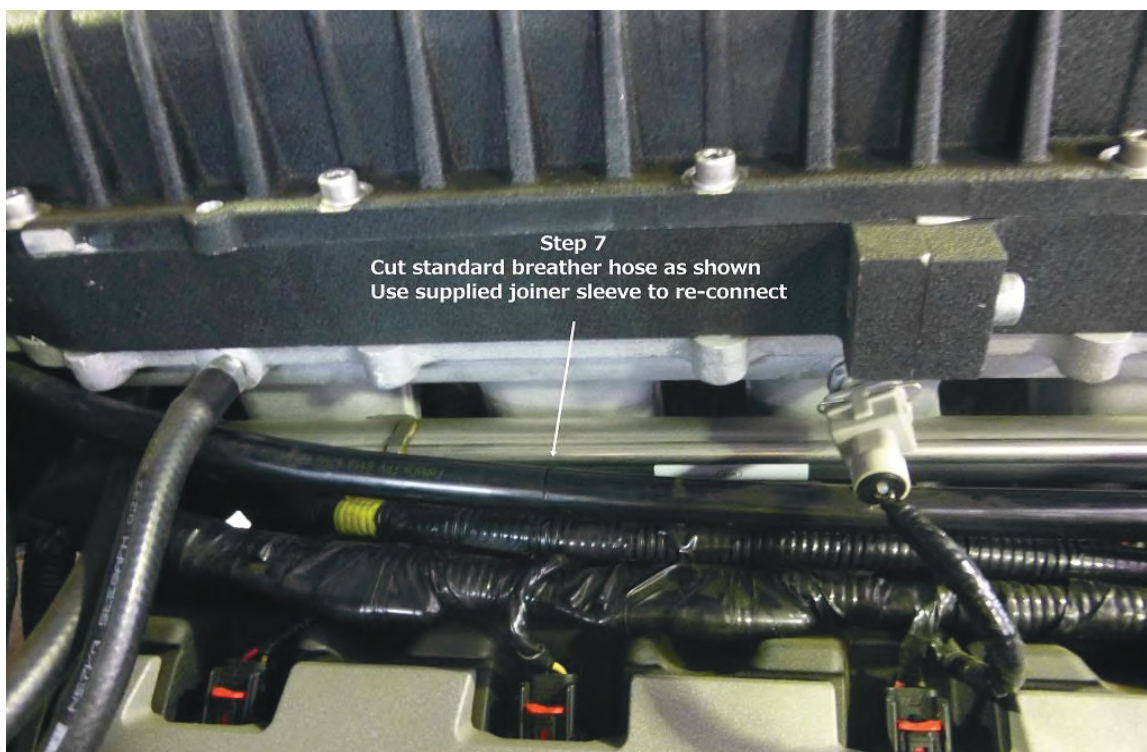


FIGURE 12



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FIGURE 13

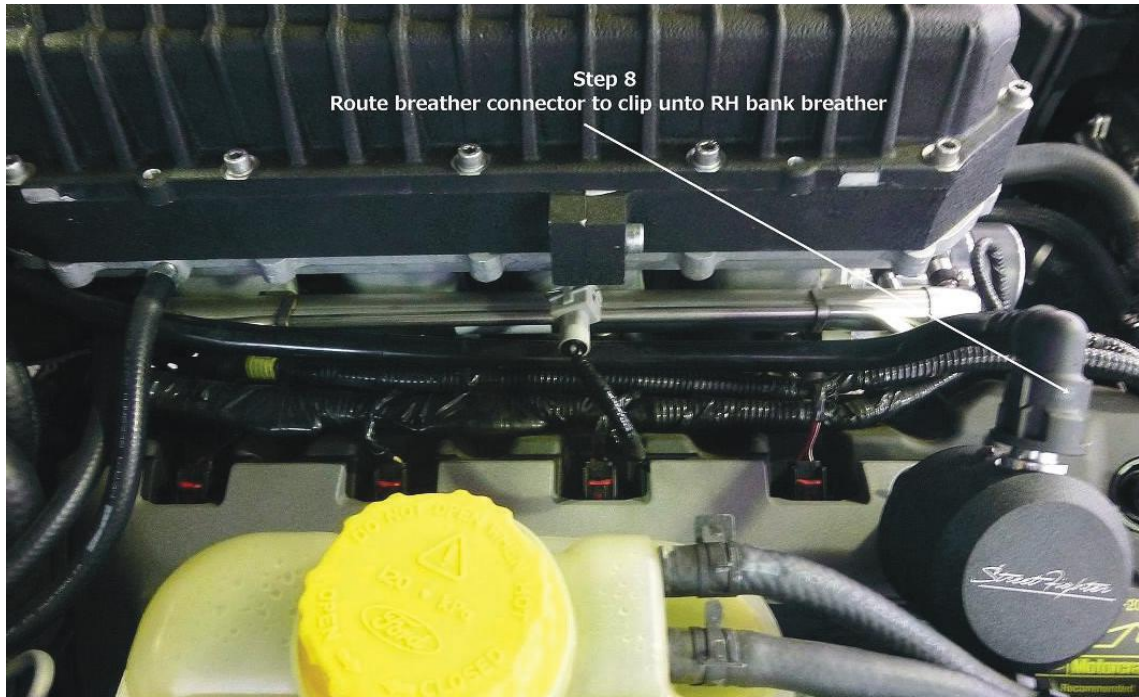


FIGURE 14



# *Street Fighter*

FIGURE 15



S T R E E T F I G H T E R   A U S T R A L I A  
W W W . S T R E E T F I G H T E R . N E T . A U