

Street Fighter

STREETFIGHTER OIL BREATHER FITTING INSTRUCTIONS - MUSTANG GT



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- 1) Unclip the breather pipe connector from the LH Engine bank.
 - 2) Unclip the breather pipe connector from the RH Engine bank.
 - 3) Remove right hand bank (PCV) breather valve from engine by twisting its base anti clockwise using long nose pliers. **(FIGURE 1)**
 - 4) 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 2-3)**
 - 5) The PCV casing should now be clear to act as an oil return to the engine. **(FIGURE 4)**
 - 6) 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)**
 - 7) 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.
 - 8) Fit RH Pipe as per photo. **(FIGURE 6)**
 - 9) Remove the air intake muffler pipe from the LH side of engine and replace with straight pipe and clamps supplied as per photo. **(FIGURE 7)**
- *Note: Breathers need to be fitted to the correct bank. The left breather has the longer snout, the RH breather can be fitted directly unto the rocker cover breather snout
- 10) Be sure that both breathers are fitted all the way down and the clips are fitted and securing the breathers correctly.
 - 11) Gently twist the both side breather pipe connectors to line up with the oil separator fitting.
 - 12) You can now simply refit/click the pipe connectors back on to the new breathers. **(FIGURE 8)**

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 9)**

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).

For any enquiries please contact us at orders@streetfighter.net.au

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FIGURE 1



FIGURE 2



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FIGURE 3



FIGURE 4



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FIGURE 5



FIGURE 6



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FIGURE 7



FIGURE 8



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FIGURE 9

