

## Focus RS Mk3 Breather Kit – Top and bottom:

### Tools required:

- Allen Key set
- 13mm spanner
- Sharp knife to remove OEM pipe fittings

### Parts supplied:

- Top engine breather dipstick
- Side bracket
- 1x Short oil breather line (connects sensor to OEM top induction pipe)
- 1x Long oil breather line (connects to engine cover)
- 4x M6x12 socket head bolts

### Top breather:

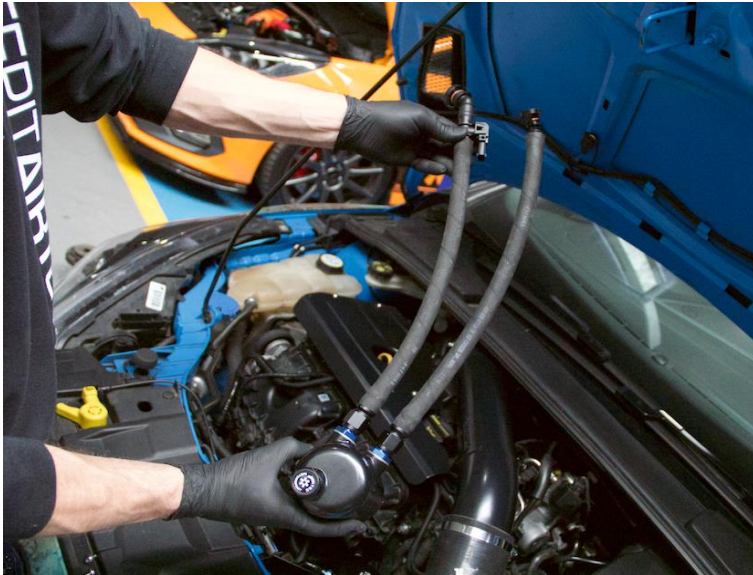
1. Start by attaching the bracket to the side of oil breather tank using the bolts supplied – see photo for reference.



2. Attach the oil breather lines to the tank. The shorter line for the sensor locates on the left-hand side, whilst the longer line locates on the right-hand side.



3. Place the oil breather tank in position and route the lines correctly to attach to the top induction pipe and engine cover. Don't forget to re-connect the sensor plug.



4. Once the oil breather lines are correctly routed and secured in place, the breather tank can be bolted in place to the side of the fuel pump mounting – see photo for reference. Tip, the bracket can be bolted loosely in place, and once the hoses are tightened the bolts can be done up.



**PCV breather:**

1. Start by removing the inlet manifold. To do this:
  - a. Loosen the jubilee clip on top of the throttle body and detach the pipe.
  - b. Disconnect the sensor located on the front of the manifold – see picture for reference.



- c. Disconnect the push-fit vacuum pipe located on the side of the manifold.





- d. Remove the five 10mm bolts that secure the manifold – see both pictures for reference.



- e. Disconnect the throttle body multi-plug by gently pulling the red insert outwards – see picture for reference.



2. Remove the original PCV valve, which is secured with eight 8mm bolts.

3. Using a knife, cut the original fitting vacuum pipe fitting on the manifold side and connect to the 90-degree oil breather line fitting.

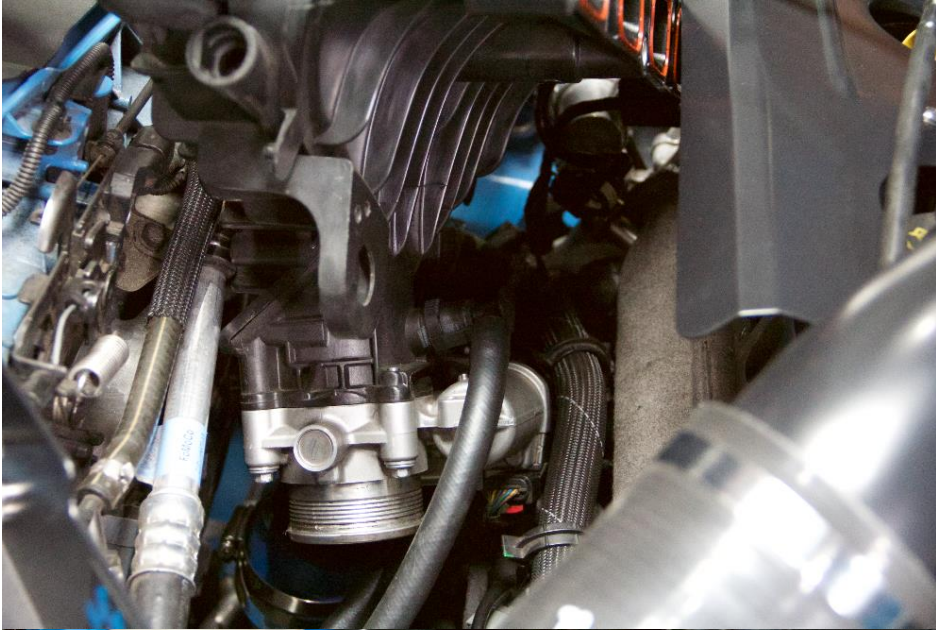


4. Install the AIRTEC Motorsport PCV plate upgrade using the original 8mm bolts.





5. Install the straight oil breather line fitting to the AIRTEC Motorsport PCV plate – see pictures for reference.



6. Attach the other end of the 90-degree oil breather line fitting to the back of the inlet manifold, using the original clip-on fitting – see picture for reference.



7. Refit the inlet manifold using the previous steps in reverse order.
8. Connect the oil breather lines to the breather tank and tighten. Note that the 90-degree oil breather line attaches to the front side of the tank and the straight oil breather line attaches to the other.





9. Install the breather tank with bracket onto the right-hand side of the inlet manifold – see picture for reference.

