

# FOCUS ST & RS BREATHER UPGRADE

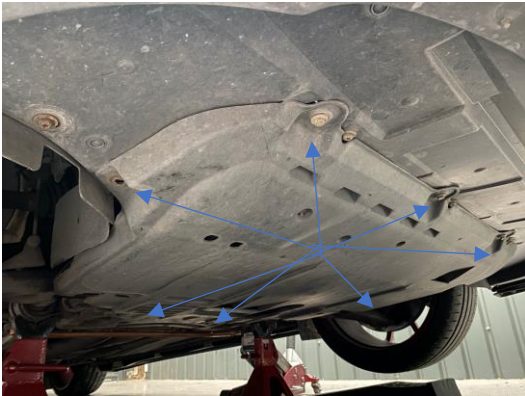
## Tools needed:

- Socket set
- Oil filter wrench
- Container to catch used oil
- Drill
- 8mm Drill bit
- PPE is recommended such as gloves



**AIRTEC**  
MOTORSPORT

1. Open the bonnet and secure, then jack the car up either with a jack and using axle stands to secure or preferably on a vehicle lift. (Don't raise vehicle to high on axle stands, make sure you can still work from above)



2. Firstly start by removing x7 T30 torques bolts to remove undertray.



3. Focus ST owners with AS CAIS fitted must lower radiator cradle at this point to remove canister from above. RS owners remove ECU holder by pulling upwards and place to right hand side.



4. Un-plug multi plug from old oil filter housing and secure onto water pipe. This will not be reconnected now remove x2 breather pipes located behind oil filter housing.

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5. Remove 3 x 8mm bolts from front of oil filter housing which secure dipstick tube etc, then remove the 4 x 10mm bolts securing the housing to the engine block, the oil housing can now be removed.



6. Where previously removed (2) discard 90 degree breather hose and install blanking pipe as shown.



7. Take your old filter top and install new filter provided install new 'O' rings as shown to new housing.



8. Clean surfaces of block then refit new housing in reverse of removal. You can now reconnect the (1) breather hose using the jubilee clip provided.

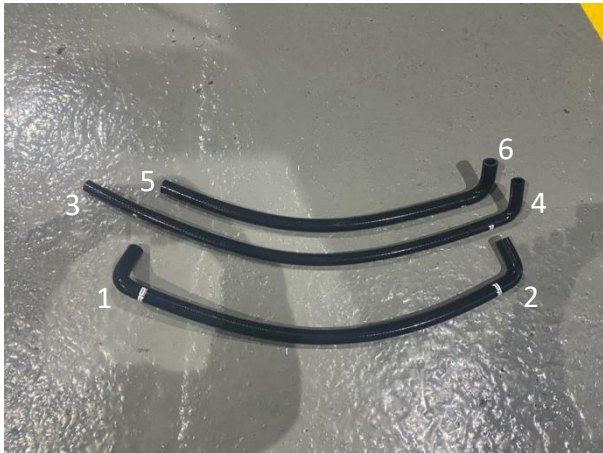


9. Install long breather pipe to bottom of oil separator as shown in picture.



10. Before fitting remove the battery cover, then mark the holes for drilling. (Make sure to check for correct fitment before drilling)

11. Navigate the long breather pipe down the back of the engine then position down the side of the gear box, take the stainless 'p' clip and secure pipe to exposed thread on gearbox.



12. Fit hose numbered 1 onto the oil housing then fit 2 onto the bottom of the oil separator.



13. Now fit hose 3 onto the oil housing and attach 4 to the oil separator as shown in picture.



14. For the final hose 5/6 attach as seen in the picture. You can now fit billet hose separator and RS ecu holder or ST Cais.



15. Refit undertray and check everything is secure then check oil level and add if necessary, after all checks are complete run car up to temperature and enjoy.

