

Ford Fiesta ST180 PCV Catch Can Fitting Instructions

Tools Required:

- Ratchet and Socket Set
- Sharp Knife

Kit Contents:

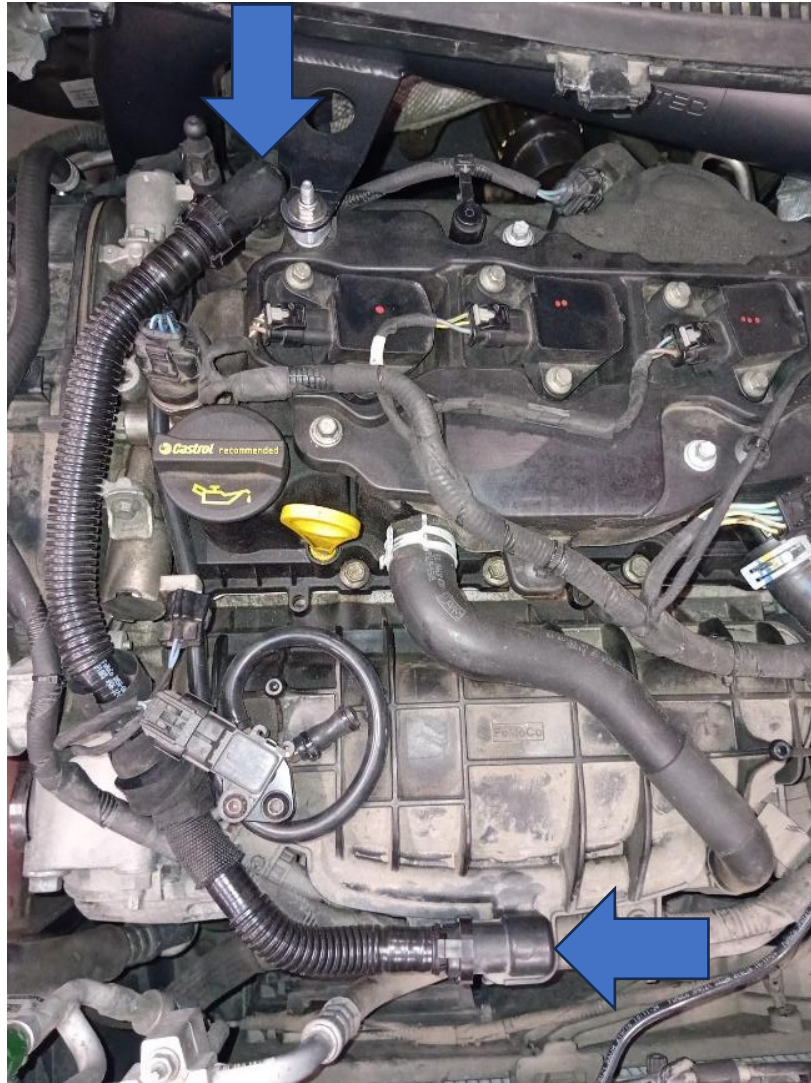
- 1x AIRTEC Motorsport Catch Can
- 1x AIRTEC Motorsport Mounting Bracket
- 1x Catch Can Spacer
- 1x Pro Hoses Long Hose
- 1x Pro Hoses Short Hose
- 1x Straight Hose Fitting
- 1x 45-degree Hose Fitting
- 4x M5 Button Head Bolts
- 4x M5 Washers
- 1x 20mm OD M6 Washer
- 1x M6x10mm Ultra-Low Head Hex Bolt
- 1x M6 Nyloc Nut
- 1x Cable tie



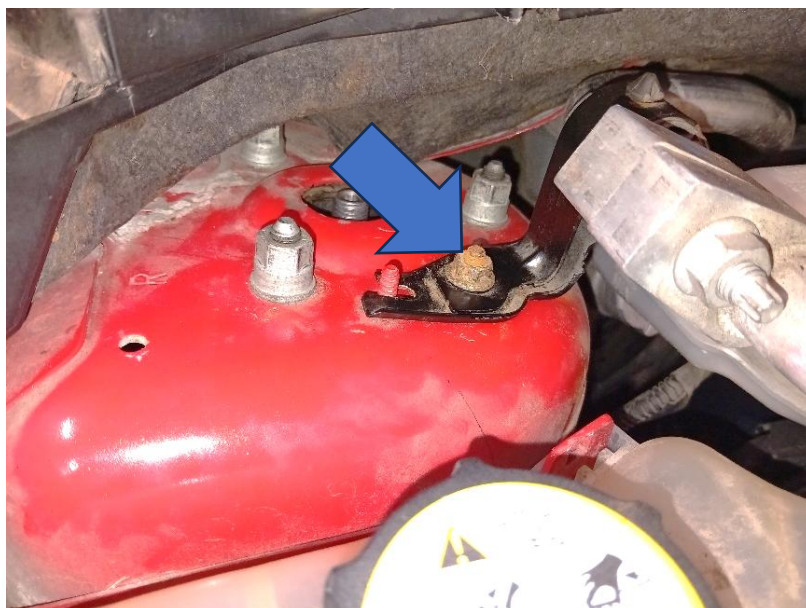
PLEASE THOROUGHLY READ THESE INSTRUCTIONS AND MAKE SURE YOU ARE FAMILIAR WITH THE STEPS BEFORE CARRYING THEM OUT

Instructions:

1. First, locate the original breather hose and disconnect at both ends.



2. Now remove the nut securing the air-conditioning pipe at the back of the engine bay.



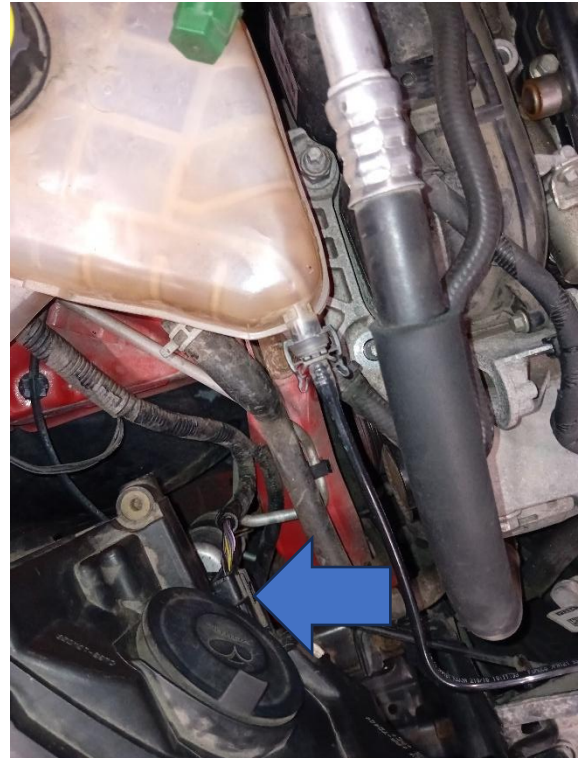
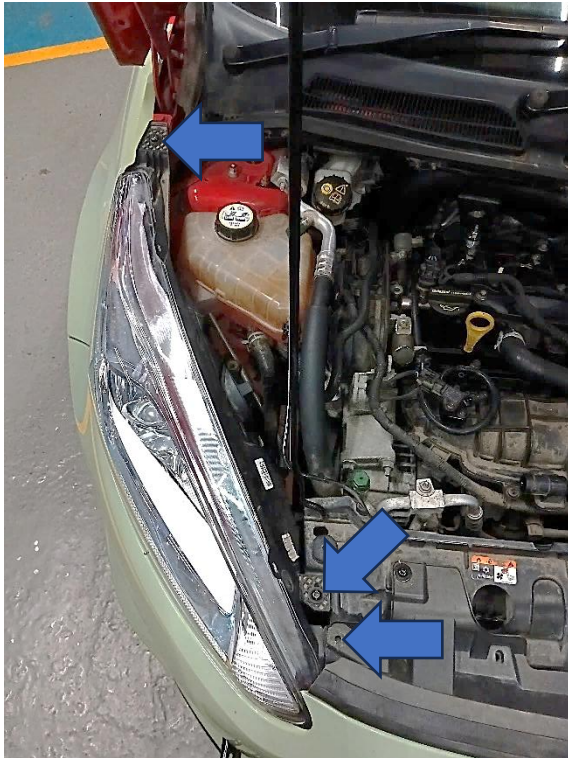
3. Use the low-profile bolt with the M6 nut supplied in the kit to clamp the air-conditioning pipe bracket closed, as shown.



4. Now fit the notched section of the bracket onto the original location so that the air-conditioning pipe is moved towards the engine. Reattach the bracket using the supplied M6 washer with the original nut.



5. Remove the headlight by undoing the the two T30 Torx bolts and the plastic push fitting holding it in position. Then disconnect the wiring plug and to release it.



6. Locate the two 18mm nuts on the driver's side (right-hand drive) engine mount and remove.



7. Connect the mounting bracket to the AIRTEC Motorsport catch can using the supplied M5 Button Head bolts and washers, as shown.



8. Attach the catch can to the engine mount using the original nuts removed in Step 6.



Please note: Once the catch can attached, check the clearance between the bottom of the can and the belt located directly below it. If the clearance is low, refit the catch can with the supplied spacer between the engine mount and the bracket.



9. Now take the original breather hose removed in Step 1 and remove the connectors from both ends by using a knife to slice along the hard plastic ridged end. The connectors will then release.

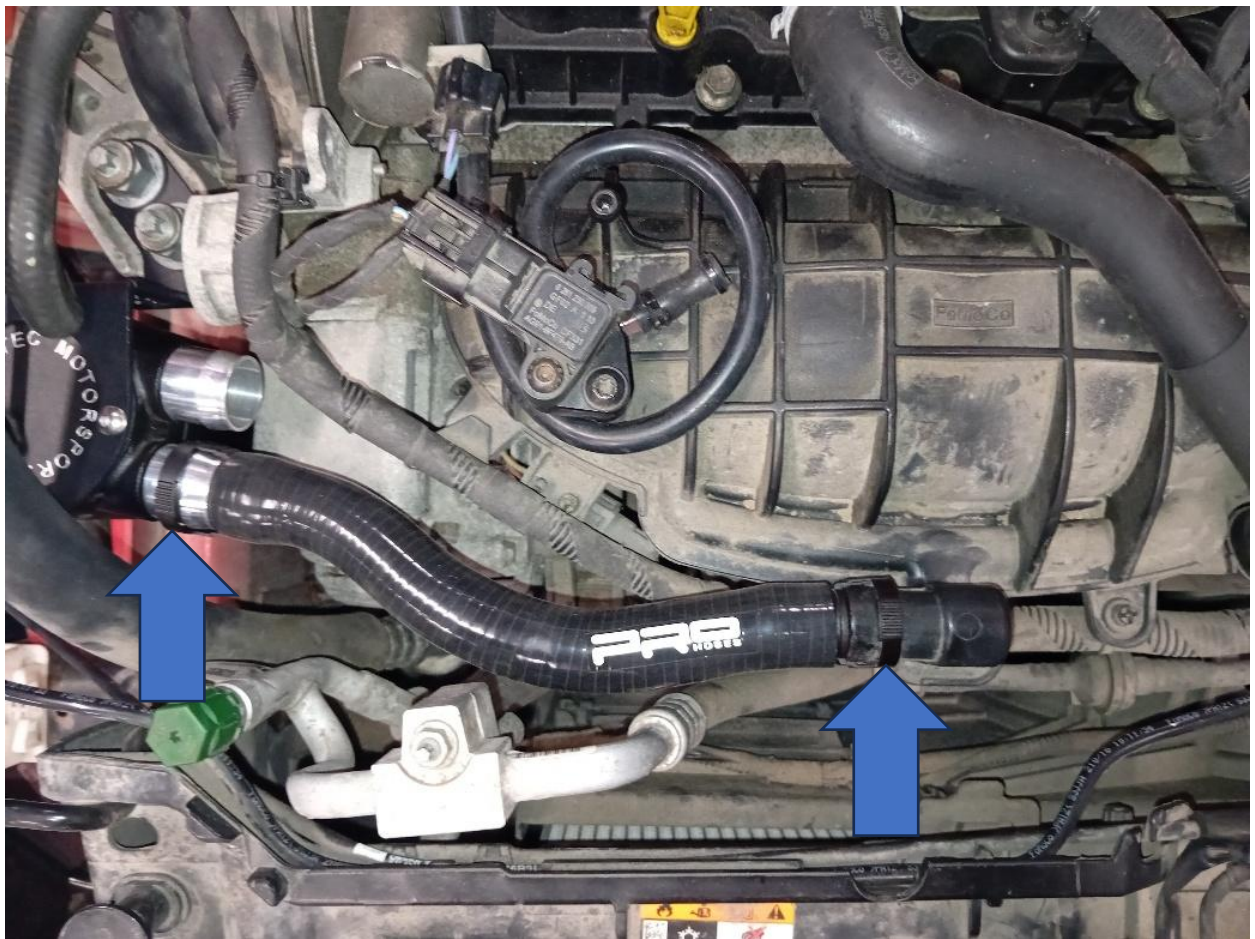
Please note: You will need a sharp knife and the plastic is hard, so use extreme caution when cutting.



10. Insert one of the original hose connectors into the smaller end of the shorter supplied hose (blue arrow), and on the other end, fit one of the hose connectors provided in the kit (orange arrow).



11. Now fit this hose onto the engine as shown, using the lower catch can fitting.



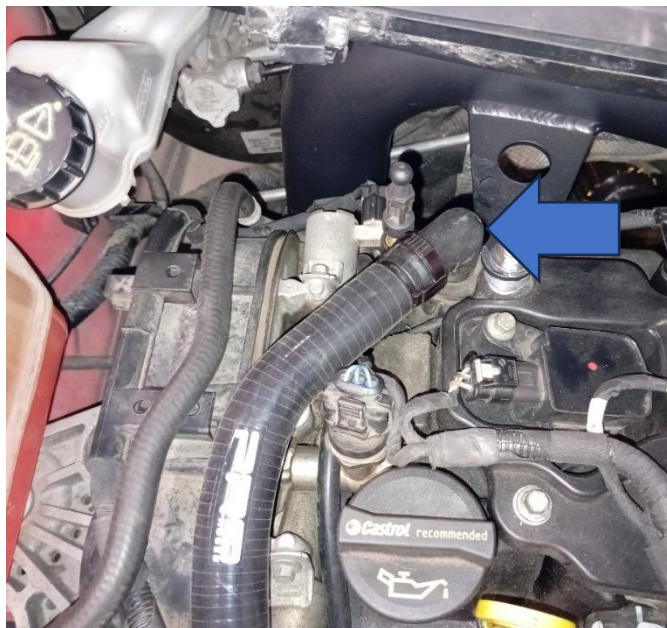
12. Insert the second original hose connector (blue arrow) into the smaller end of the longer curved hose supplied. Then insert the 45-degree connector provided in the kit to the other end (orange arrow), as shown.



13. To maximise clearance between the wiring loom and the new breather hose, disconnect the clip attaching the wiring to the engine tab using a flat-head screwdriver. Reattach the clip further up the tab to move the wiring up and out of the way.



14. Feed the 45-degree connector end of the hose underneath the wiring and attach it to the remaining connection on the catch can, as shown. Attach the other end to the rear breather pipe on the engine.



15. Use the supplied cable tie to secure the hose from the header tank to the air-conditioning pipe to prevent it from rubbing on the catch can bracket.

Please note: Do not tighten the cable tie too much, as it will pinch the hose and prevent flow.



16. Finally, reinstall the headlight in the reverse of removal and check that everything is secured correctly.

