



2018 Ford Focus ST Positive Crankcase Ventilation Plate Gasket Replacement

How to fix a Positive Crankcase Ventilation (PCV) plate that has a faulty gasket creating an oil leak for a 2018 Ford Focus ST.

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INTRODUCTION

A positive crankcase ventilation (PCV) plate increases the longevity of your oil by reusing unburnt gas. It is also required for emissions. When installing your PCV plate, there could be a faulty gasket creating an oil leak. If you notice an oil leak coming from your PCV plate, there is a good chance it is because the gasket isn't sealing properly. This guide will walk you through how to properly replace the gasket.



TOOLS:

- [1/4" 13mm Deep Socket](#) (1)
- [1/2" 8mm Deep Socket](#) (1)
- [1/4 inch ratchet](#) (1)
- [1/4" 7mm Deep Socket](#) (1)
- [1/4" Flex Head Ratchet](#) (1)
- [1/4" 8inch Extension](#) (1)
- [3/8" Torque Wrench](#) (1)
- [1/4" Shallow 10mm Socket](#) (1)
- [Shop Towels or Rags](#) (1)



PARTS:

- [2018 Ford Focus ST PCV Plate Gasket](#) (1)

Step 1 — Gasket Replacement



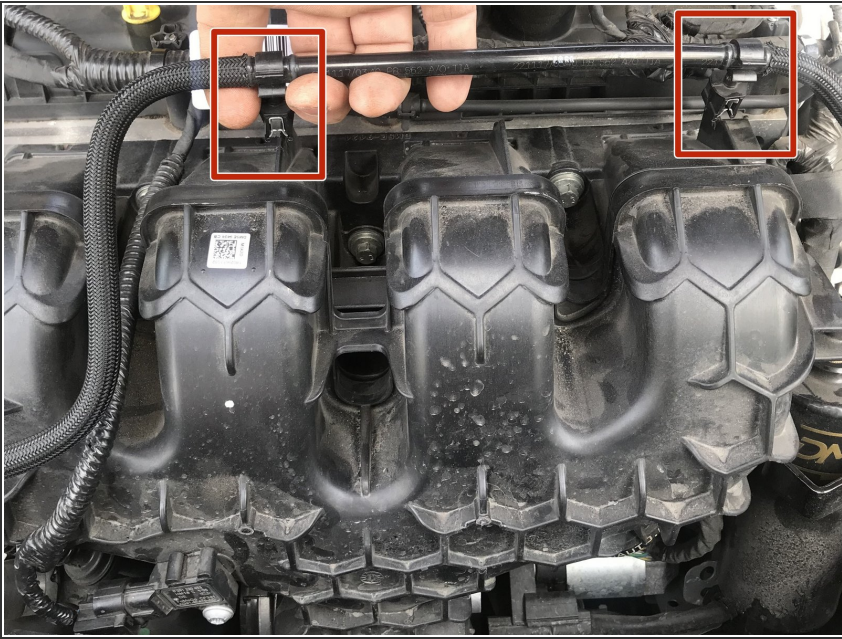
- Pop the hood and remove the plastic battery cover.

Step 2



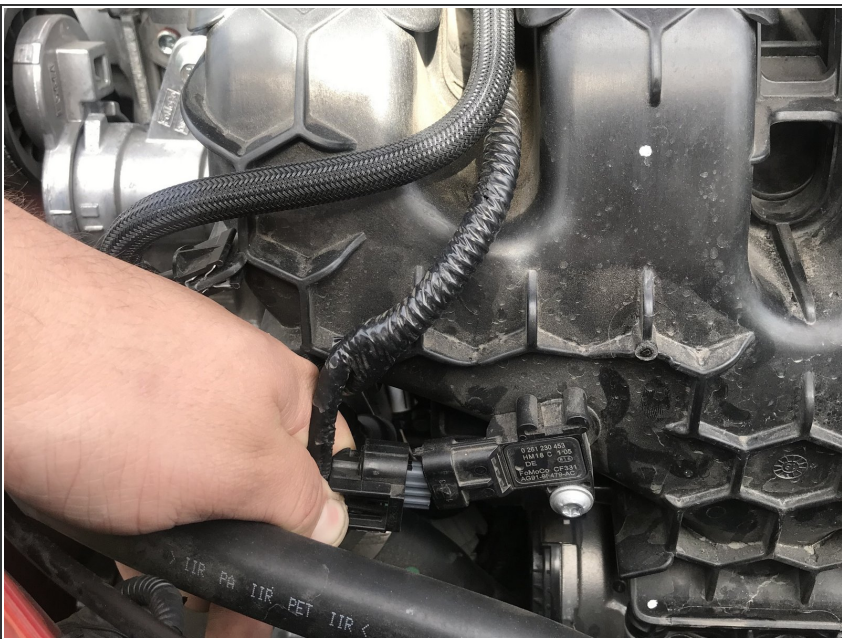
- Using a 1/4 inch flex head ratchet and a 1/4 inch shallow 10mm socket, loosen the battery cable tightening nut.

Step 3



- Remove the vacuum line from the front of the intake by gently pulling up on the line releasing it from the clamps.

Step 4



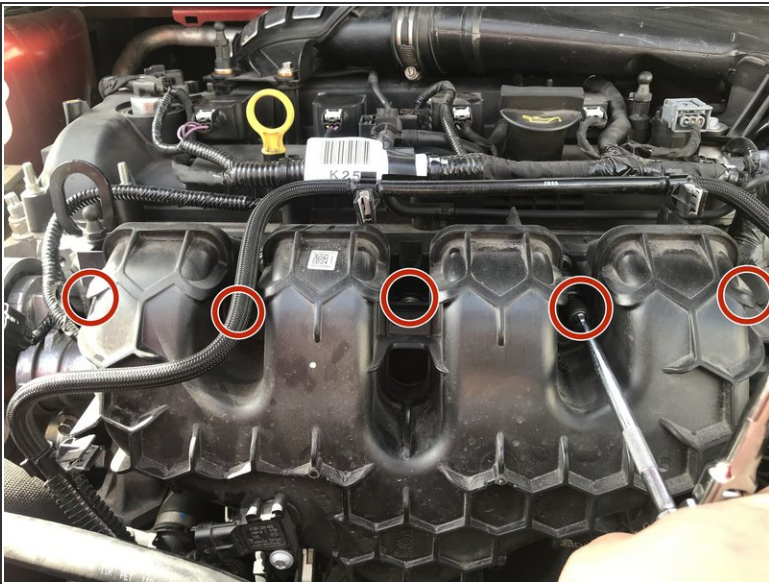
- Disconnect the MAP sensor.

Step 5



- Using a 1/4 inch 7mm deep socket and 1/4 inch flex head wrench, loosen the worm clamp on the cold air intercooler pipe.

Step 6



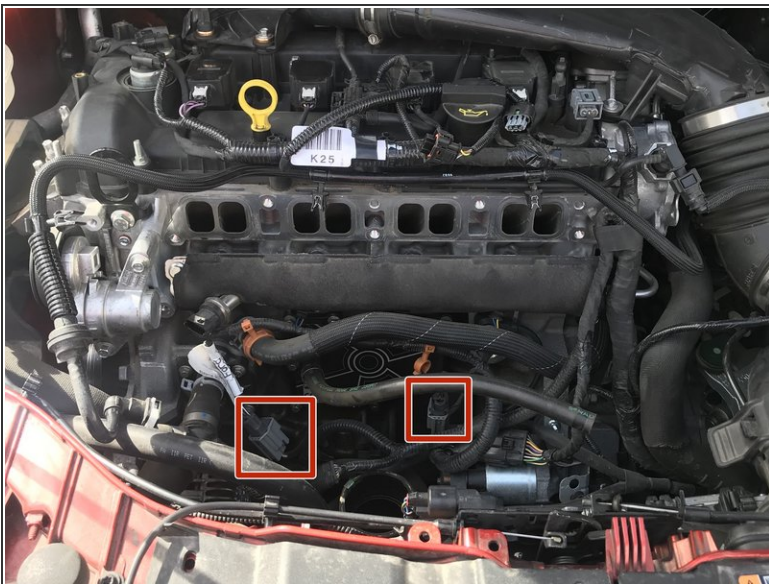
- Using a 1/4 inch 10mm wobbly socket, 1/4 inch 8 inch extension, and 1/4 inch ratchet, remove all 5 of the cap screws holding the intake to the cylinder head.

Step 7



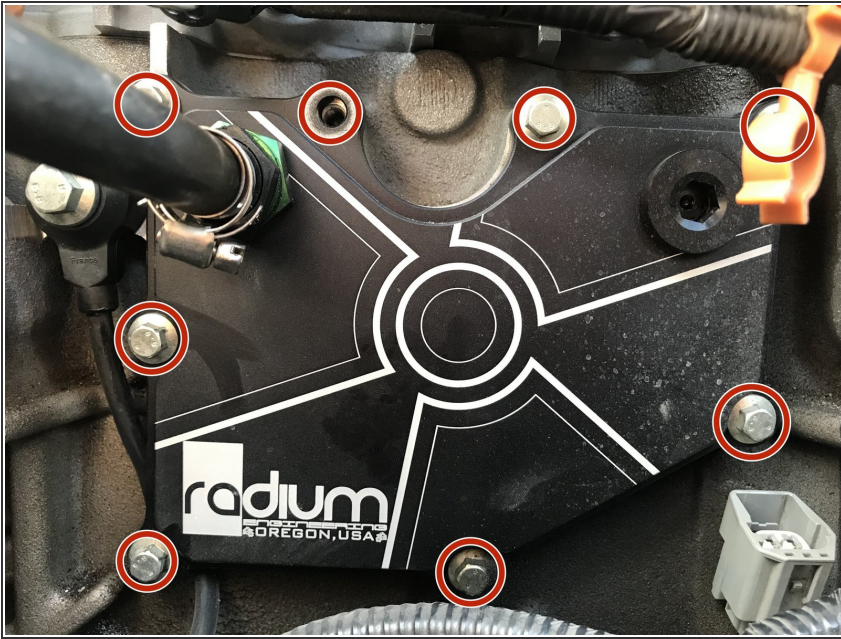
- Remove the intake out of the engine bay by lifting and pulling the intake towards you.

Step 8



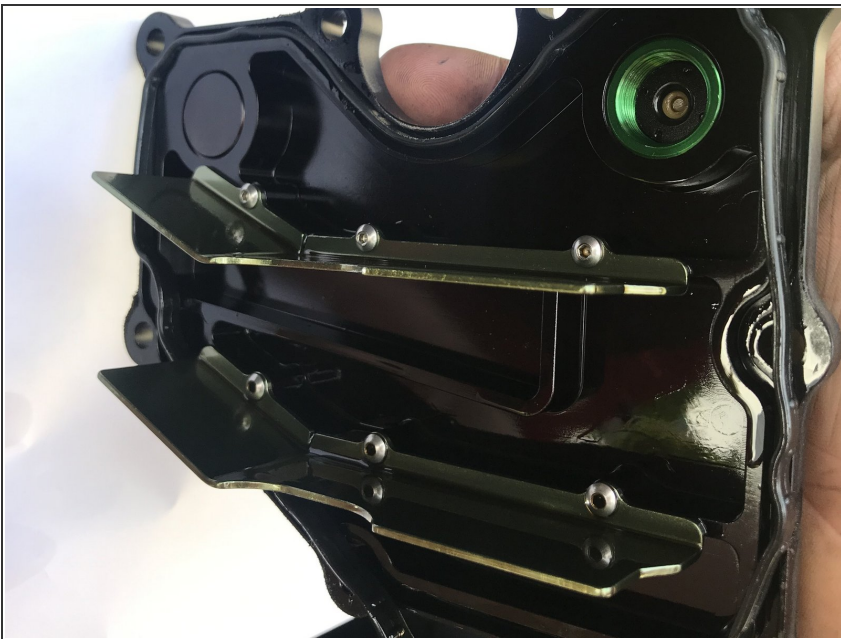
- Unplug both left and right engine ground strap connections.

Step 9



- Using a 1/4 inch 8mm deep socket, remove the 8 PCV plate mounting bolts.

Step 10



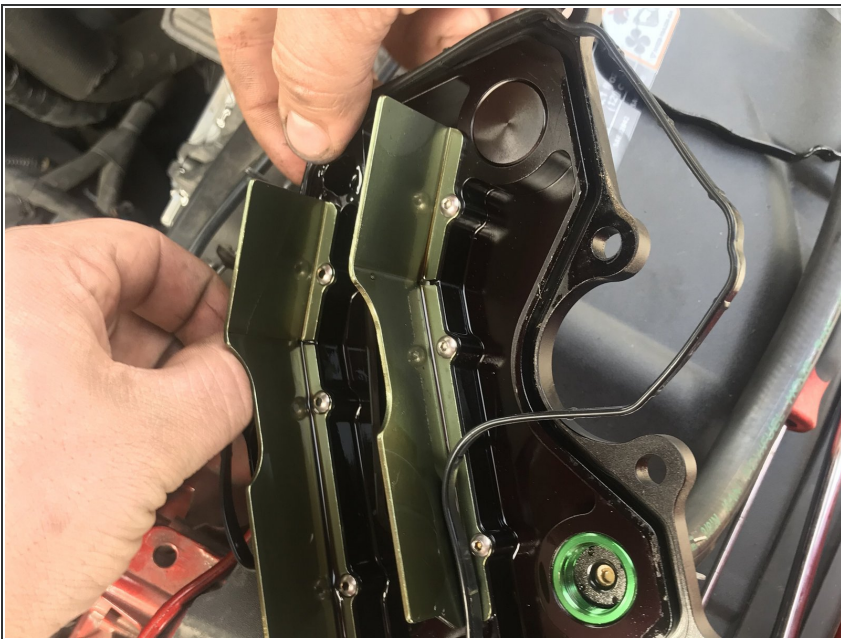
- Remove the PCV plate and the old PCV plate gasket.

Step 11



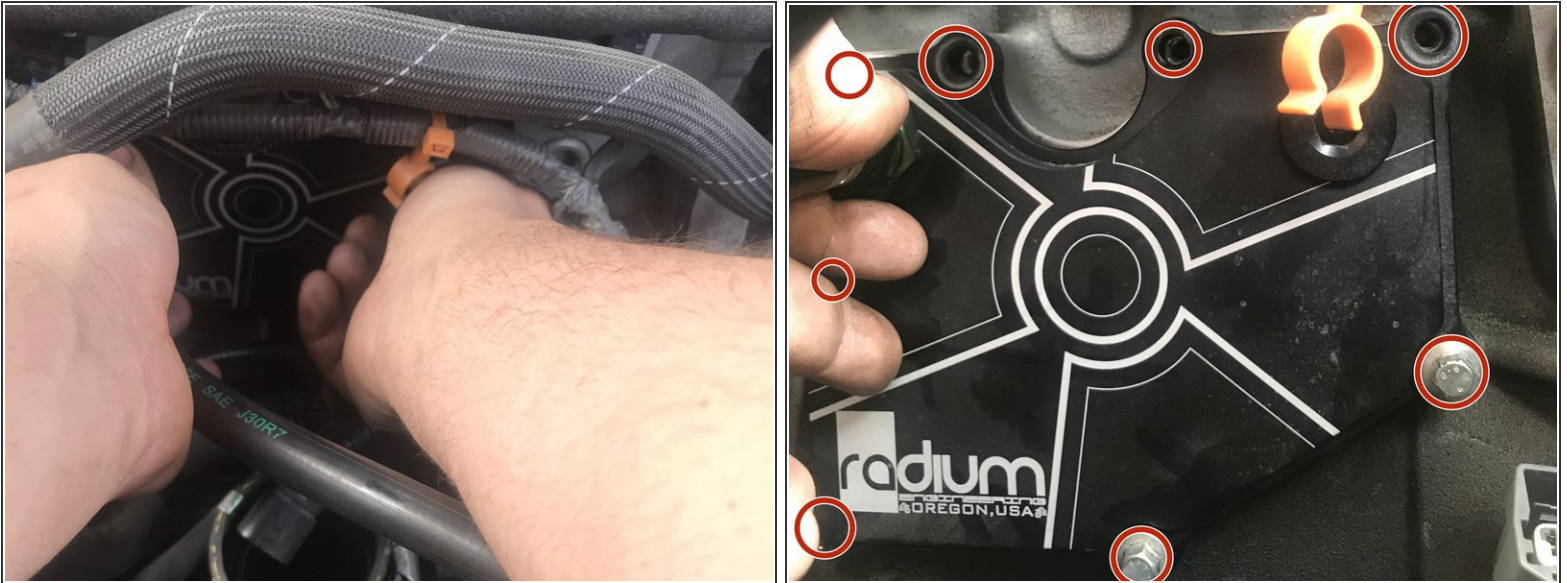
- Wipe down the mounting surface and the inside of the PCV plate with a shop rag.

Step 12



- Install the new PCV plate gasket.

Step 13



- Reinstall the PCV plate on the side of the engine block.
- Torque the PCV plate mounting bolts to 89 inch pounds.

To reassemble your device, follow these instructions in reverse order.