

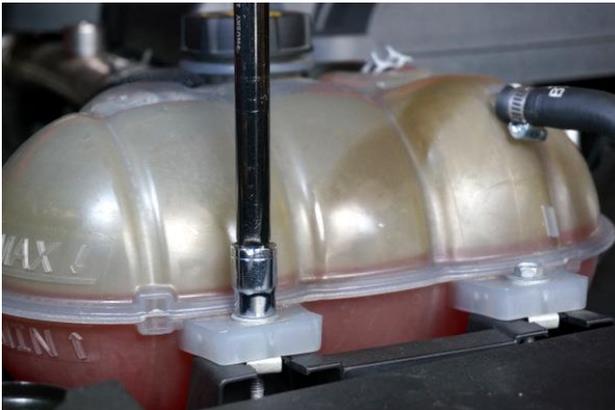


## Installation of Atmospheric Valve for the Ford Mustang 2.3L EcoBoost

Tools required:

- 5mm allen key /socket
- 7mm socket
- 8mm socket
- 10mm socket
- T25 Torx Drive

1. Locate the valve on your vehicle. Passenger-side charge pipe, towards the front of the car.
2. For easier access to the valve, unmount coolant reservoir and move to the side. Two 10mm bolts.



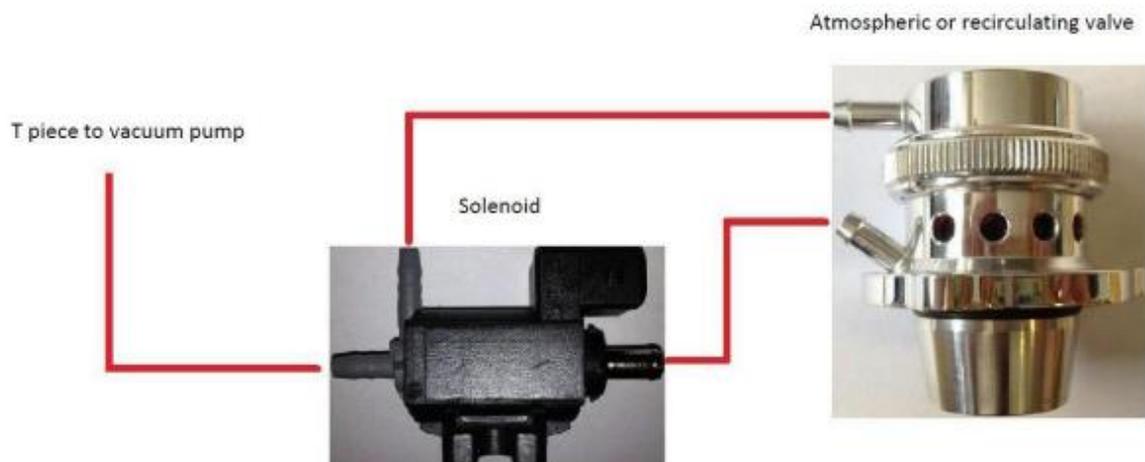
3. Remove the wiring loom from the valve by pushing down on the tab on the rear of the plug. Remove the stock valve from the vehicle by undoing the allen caps with a 5mm Allen key.



4. Locate the two o-rings supplied separately in the box and push them into position on the bottom of the valve. Failure to do this will prevent the valve from working and trigger an engine management light.



5. . It is easier if you assemble the solenoid before you attach the Forge valve to the charge pipe as pictured below.



6. Replace the tube connecting charge pipe and intake with two caps provided. Secure with provided clamps with 7mm socket.



7. Now remove your vehicles engine cover by undoing two nuts and two bolts with an 8mm socket.
8. Locate the boost sensor and remove it using a T25 torx driver.
9. Fit the boost take off block supplied using the T25 torx screw. Fit the boost sensor using the supplied cap screw as pictured below. Secure vacuum lines away from moving parts and heat sources with supplied zip ties.



10. Using the posi locks provided attach them to the original wiring loom making sure the grey end is attached to the oe loom.
11. Then attach the Forge wiring loom to the posi locks RED to Yellow, Black to GREY.



12. Now attach the forge loom to the solenoid.



13. BEFORE STARTING THE VEHICLE DOUBLE CHECK THE CONFIGURATION ON THE WIRING LOOM AND VACCUM LINES TO THE SOLENOID.