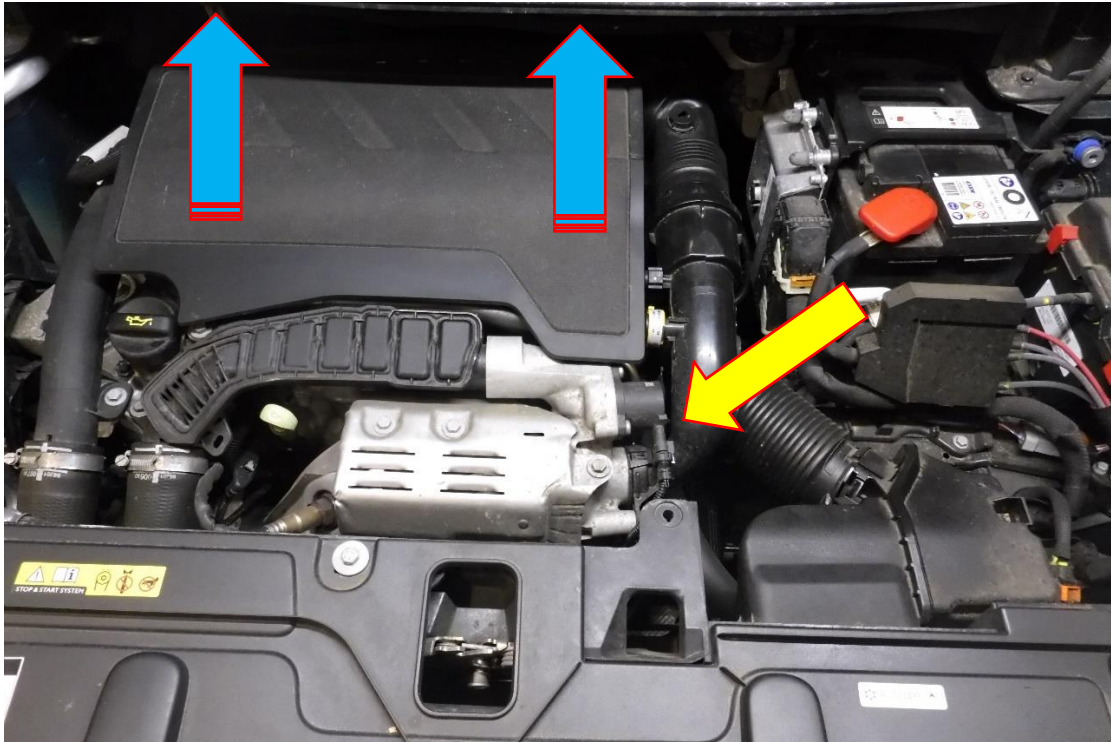
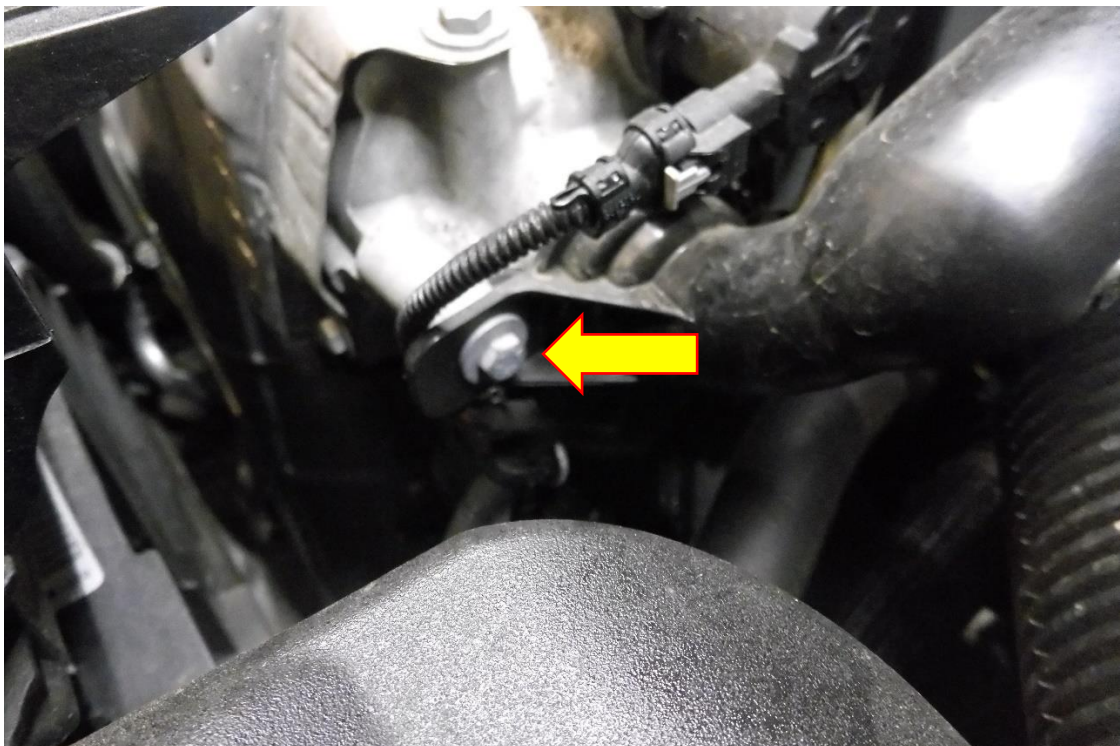


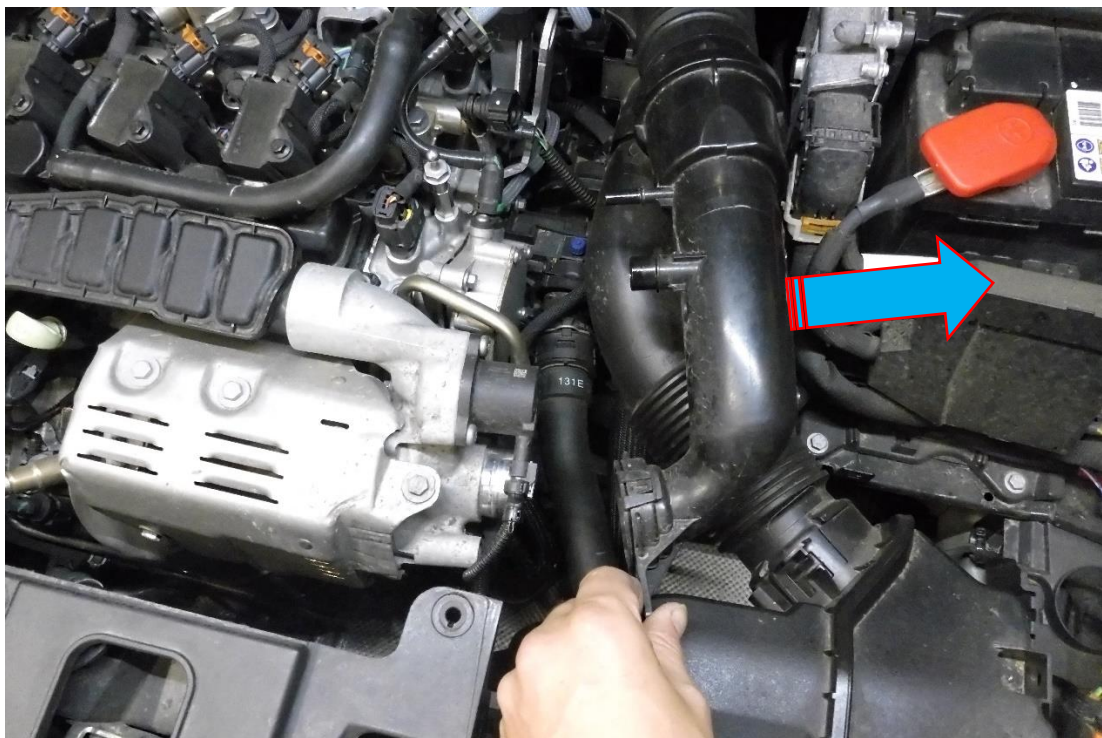
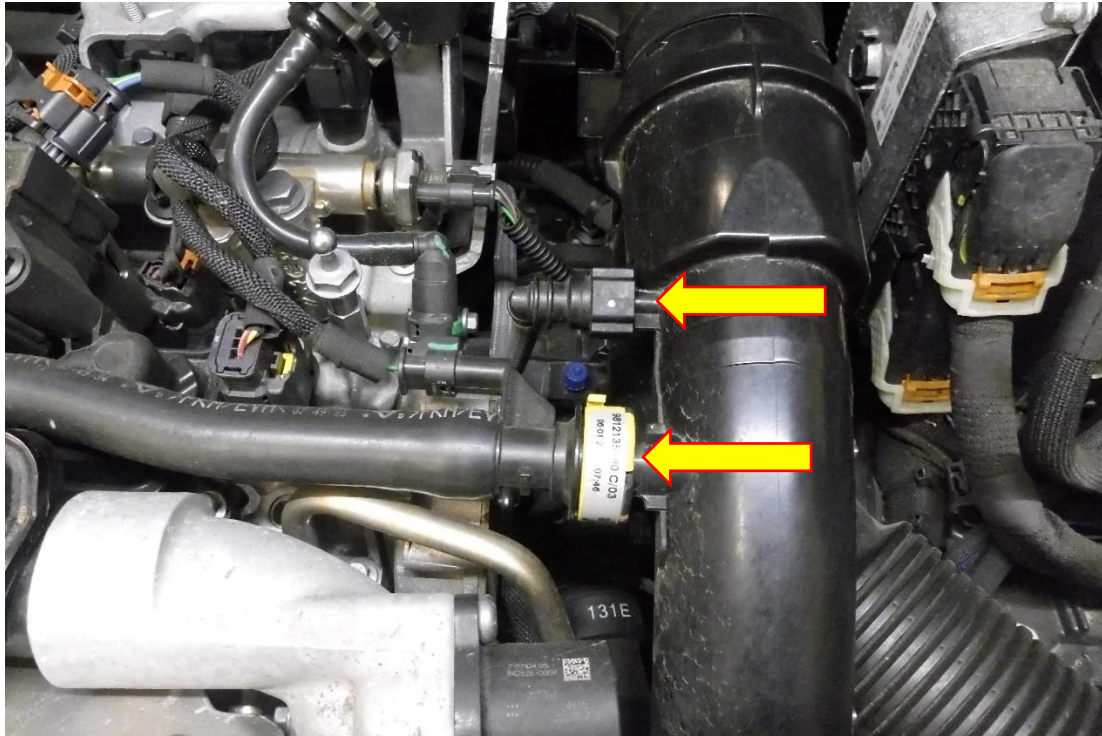
1. Open the Bonnet of the vehicle and locate the valve as pictured below. Remove the engine cover by pulling it upwards. **MAKE SURE THE ENGINE IS COLD BEFORE WORKING!**



2. Using a 10mm socket and ratchet remove the M6 fastener attaching the turbo inlet pipe to the turbo. This is next to the OE valve.



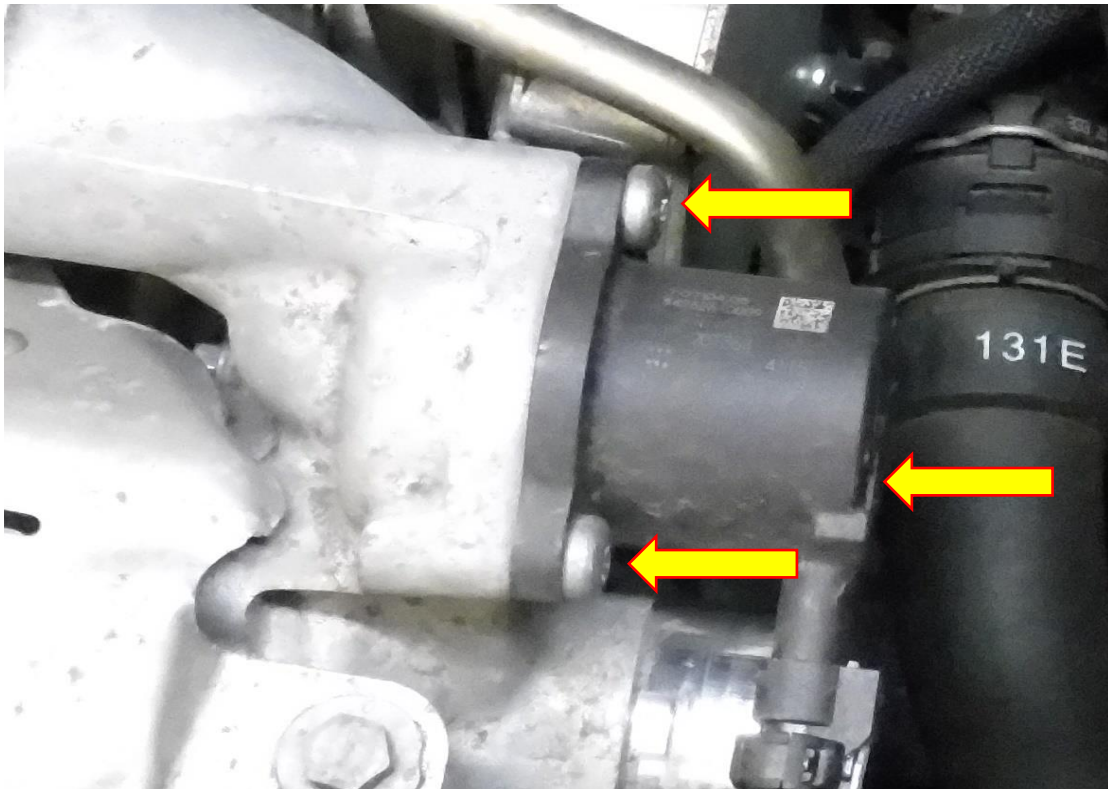
3. Press in both small tabs to remove the small breather and pull the yellow tabs apart to remove the large breather. You will now be able to pull the turbo inlet to the side.



4. Pull the grey locking tab backwards and push the retaining clip in to remove the wiring loom attached to the OE valve.



5. Using a T30 Torx remove X3 M6 fasteners attaching the OE valve to the turbo.



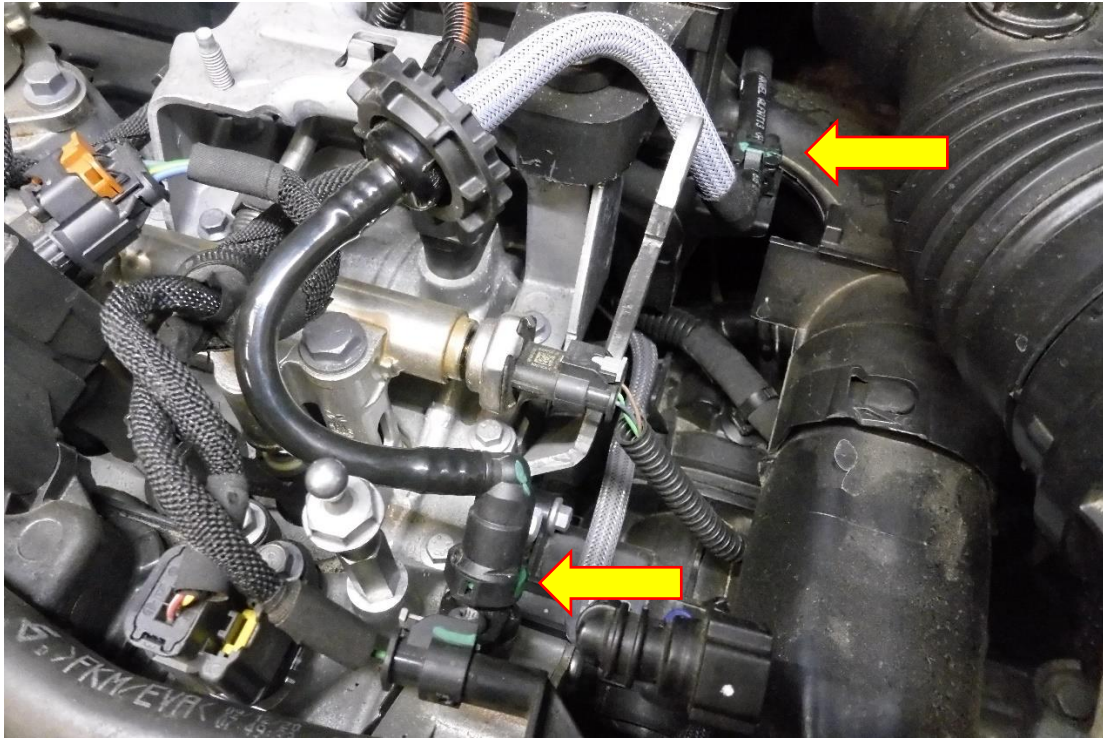
6. Before installing the Forge Motorsport valve, make sure both the large and smaller rubber O-rings are fitted to the base of the valve, they simply push into the relevant grooves.



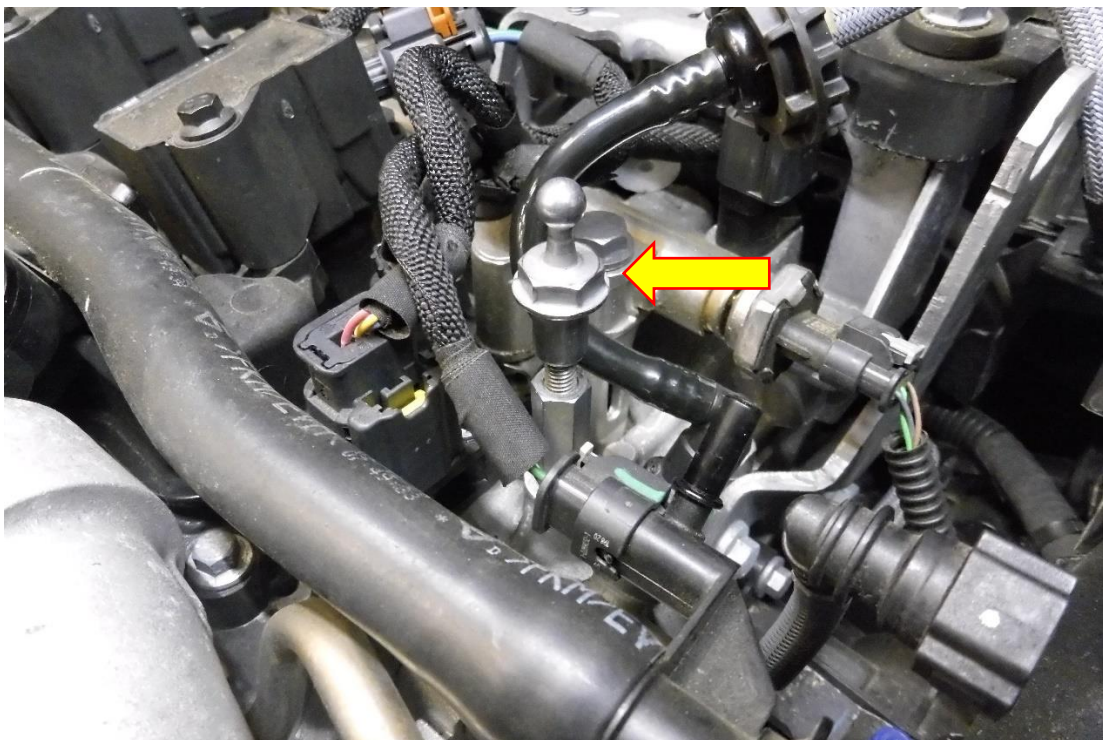
7. Using the original fasteners fit the Forge valve to the turbo.



8. Press in the green locking tab at the end of the vehicles vacuum pipe and using a flat blade screwdriver release the retaining clip further down the pipe.



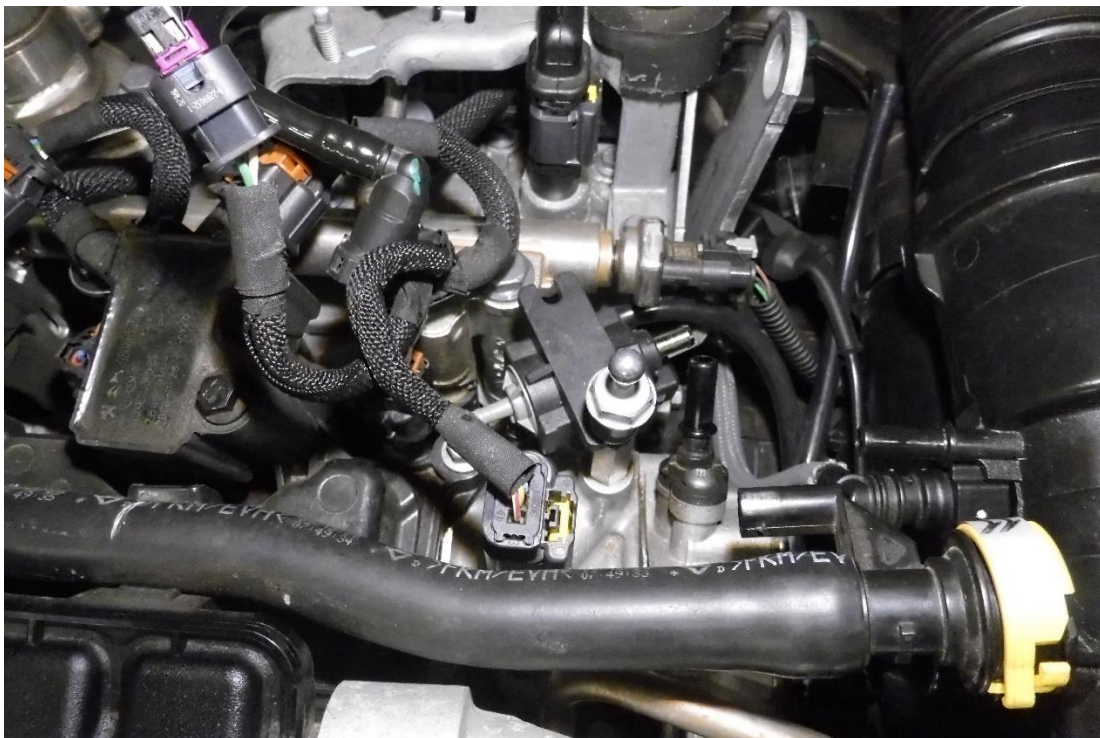
9. Using a 13mm spanner remove the top half of the engine cover mounting pin.



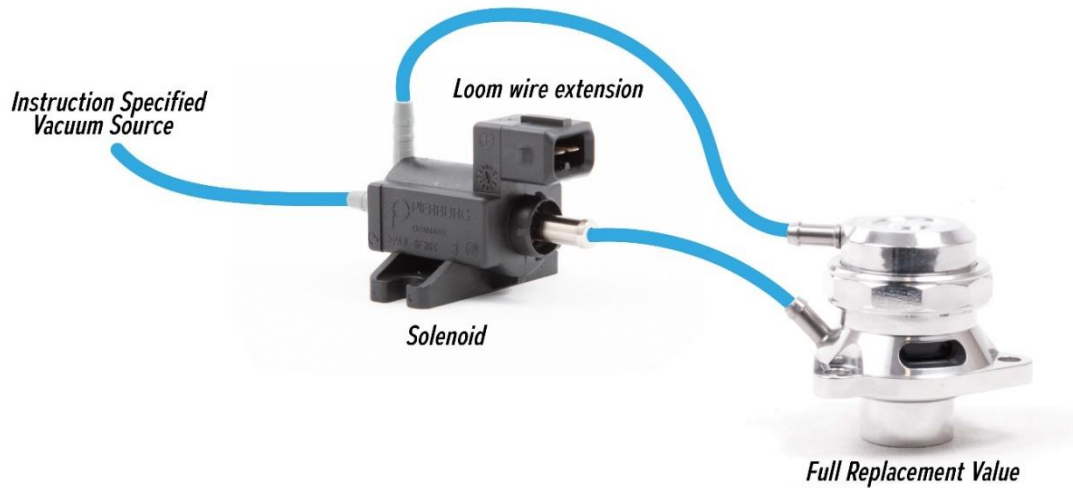
10. Take the engine cover pin and the supplied M6 washer and attach it to the Forge solenoid from the kit, it's a tight fit but will screw in perfectly.



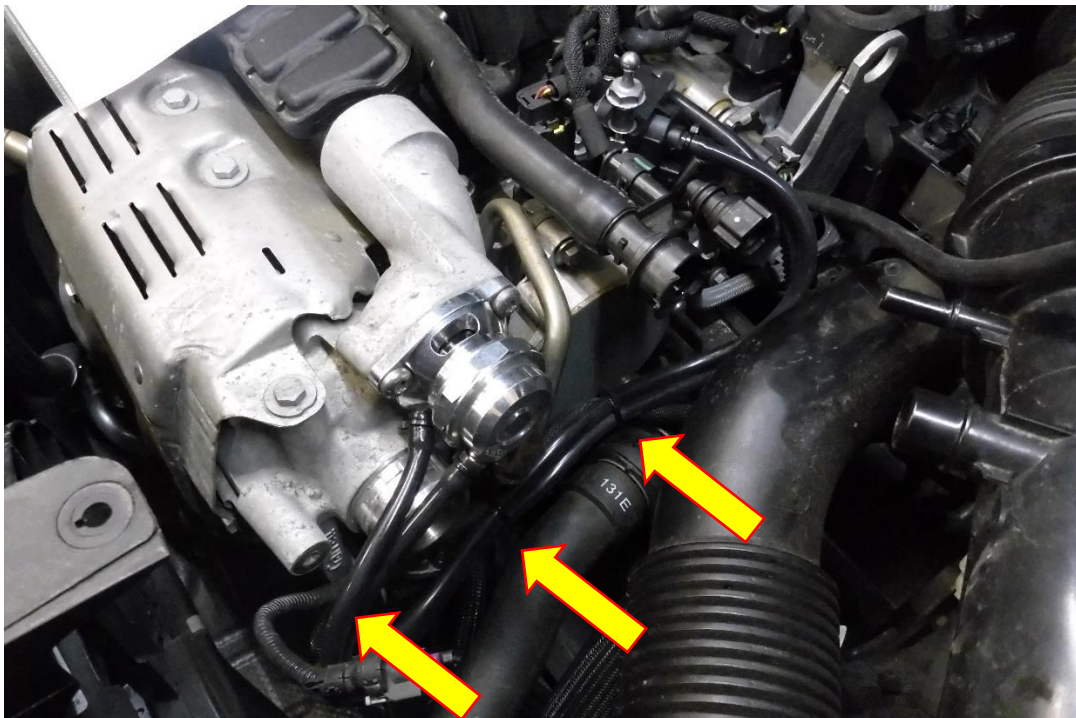
Re fit the engine cover pin and solenoid as illustrated below



11. Route the vacuum hose to the boost solenoid provided and cut the tube to length attaching the vacuum hose to the solenoid as per the diagram pictured below.



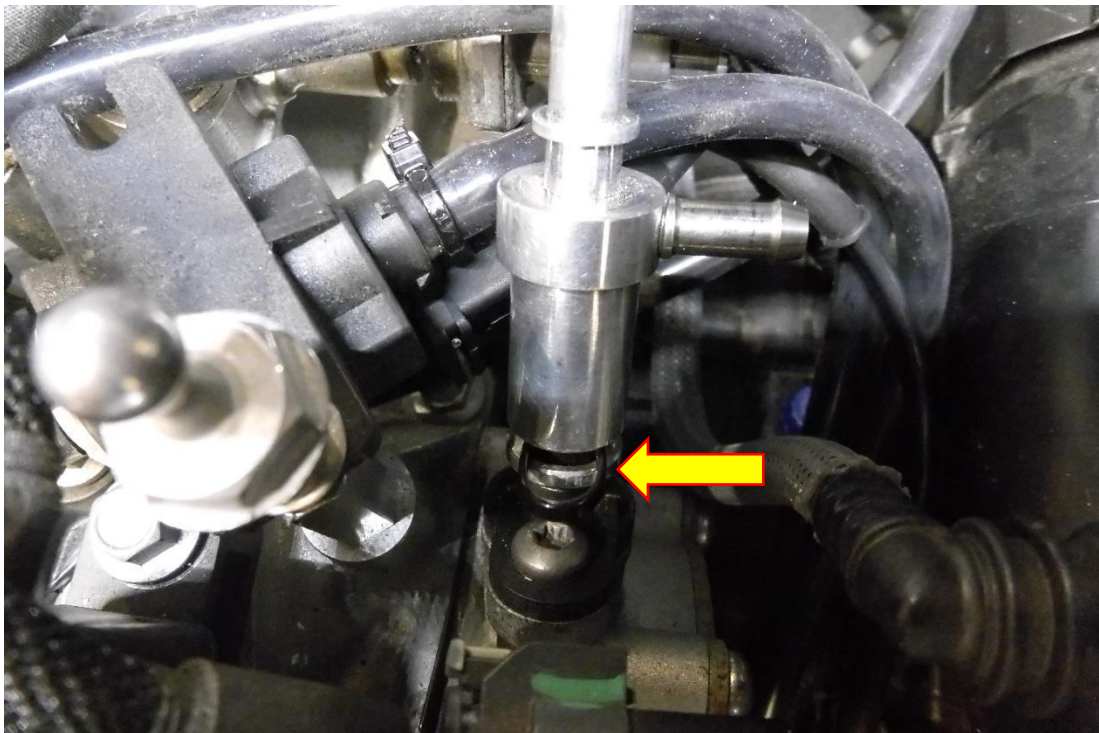
12. Attach the two silicone lines going to the valve and using the cable ties provided fasten the vacuum lines to the surrounding engine loom being careful not to over tighten the cable ties to avoid any pinches.

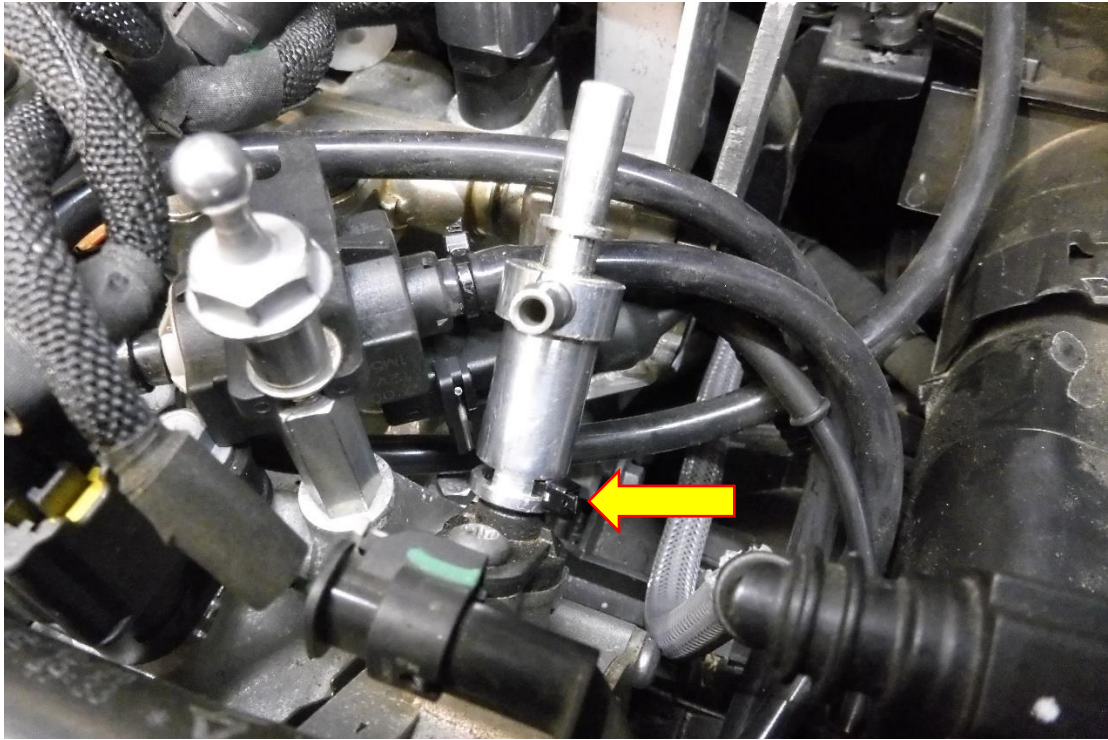


13. Plug the Forge wiring loom into the vehicles valve loom and connect the other end to the Forge solenoid. Use the large cable tie supplied to attach the Forge wiring loom to the engine loom.

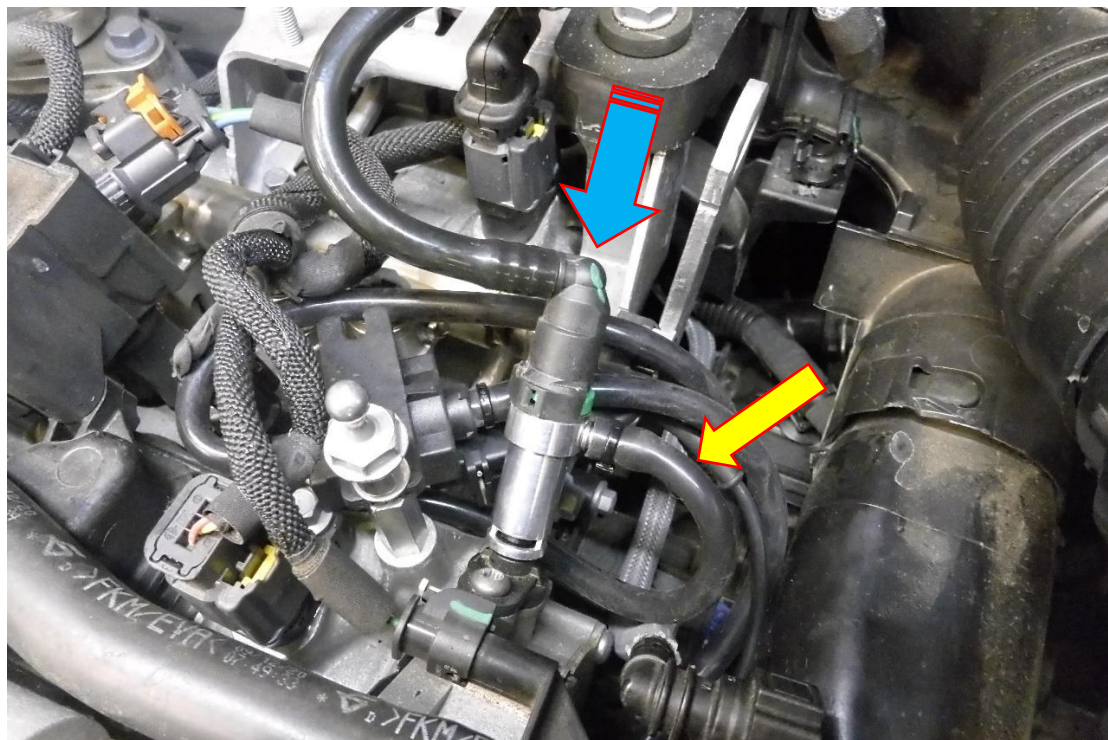


14. Fit the Forge vacuum take off to the vehicles vacuum pump, secure it in place using one of the supplied small cable ties.

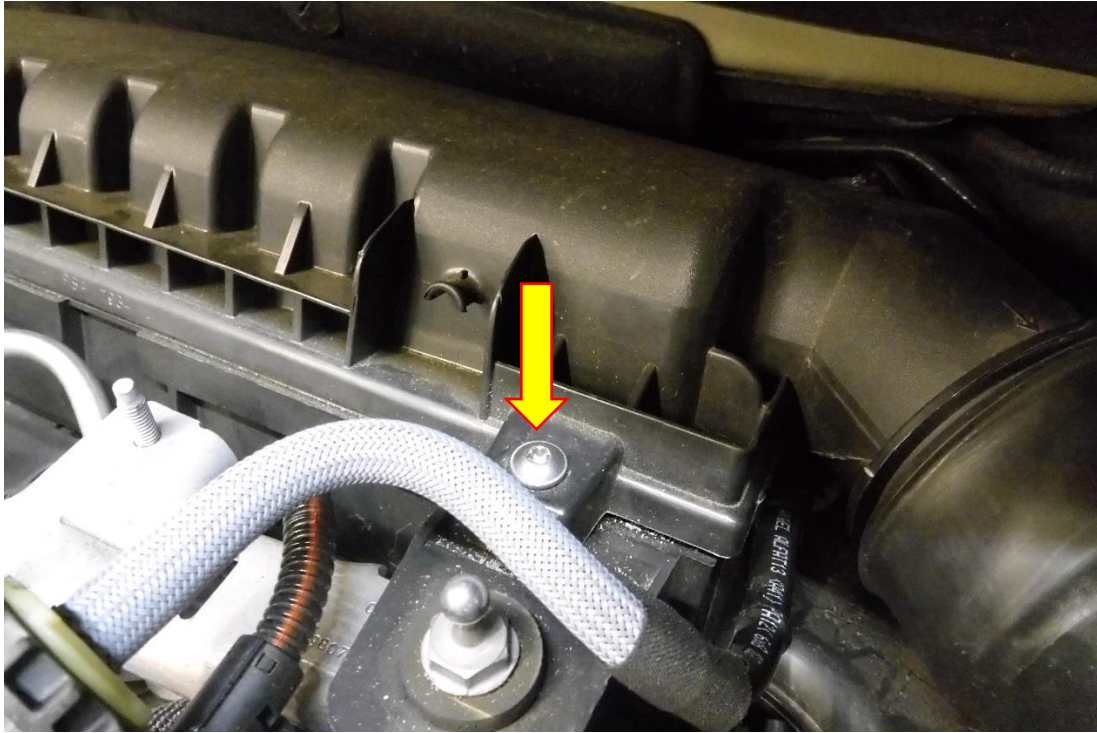




15. Attach the remaining vacuum hose from the solenoid to the vacuum take off and secure with the supplied cable ties. Reconnect the vehicles vacuum pipe, make sure its fully engaged, you will feel it click into position.



16. Using a T20 Torx drive remove the fastener attaching the air box lid. Take the supplied P clip and secure the vehicles vacuum line to the airbox lid and attach it using the same Torx fastener.



17. Now follow steps 1-3 in reverse order to complete your installation of FMDV41. Now take your vehicle for a test drive and enjoy your new Forge Motorsport product.



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