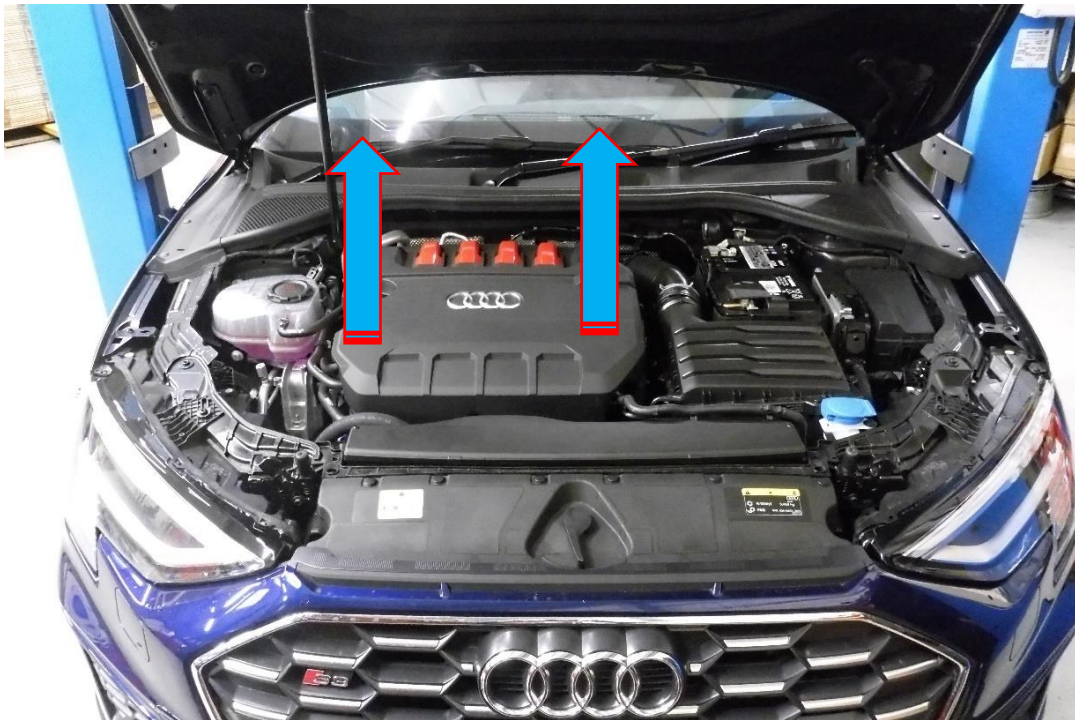


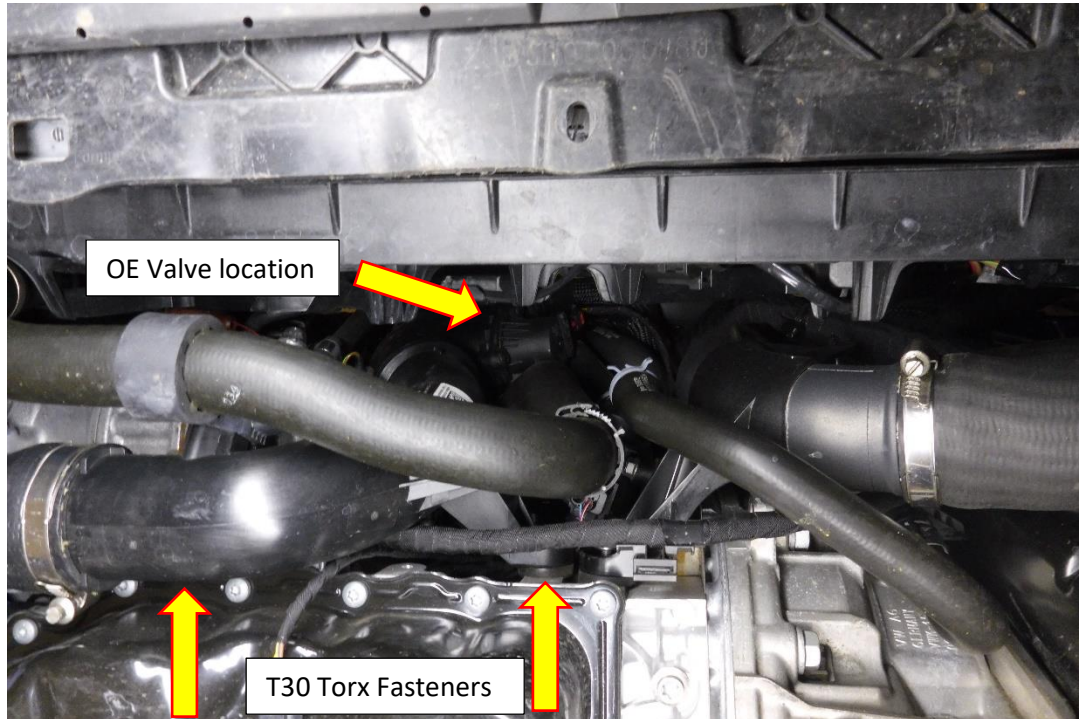
1. Open the bonnet of the vehicle, then remove the engine cover by pulling sharply in an upwards motion.



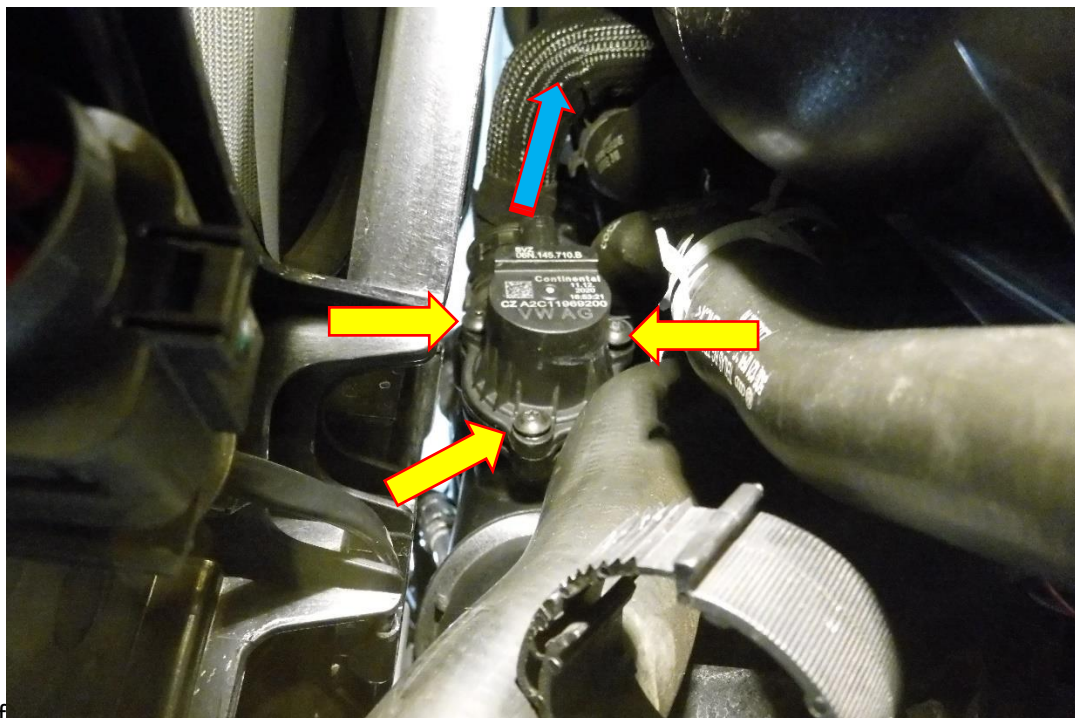
2. Raise the vehicle in the air via a car ramp or car jack and axel stands. Using a T25 Torx driver remove 8x T25 Torx fasteners, this will then allow for the under try to be removed.



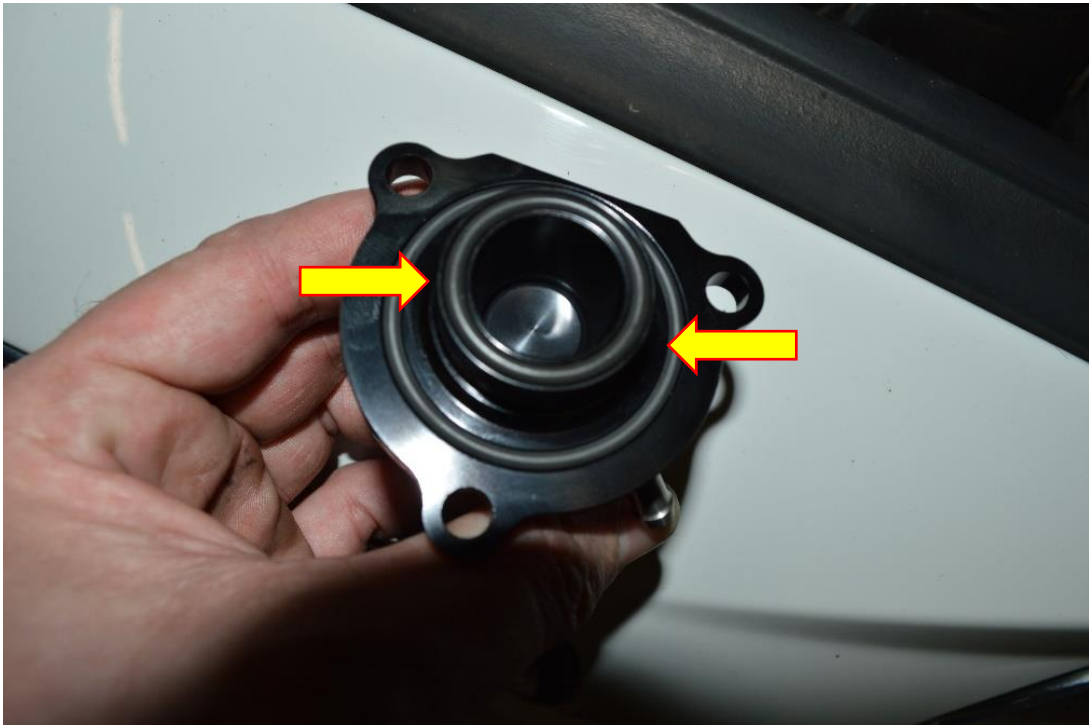
3. Looking from underneath the vehicle you will find the OE valve just behind the radiator pack attached to the boost pipe. Using a T30 Torx driver remove the 2x T30 Torx fasteners attaching the boost pipe to the engine, using a 7mm socket and ratchet undo the hose clamp to the intercooler hose at the end of the boost pipe. You will now be able to push the boost pipe outwards from the engine allowing access to the OE valves retaining fasteners.



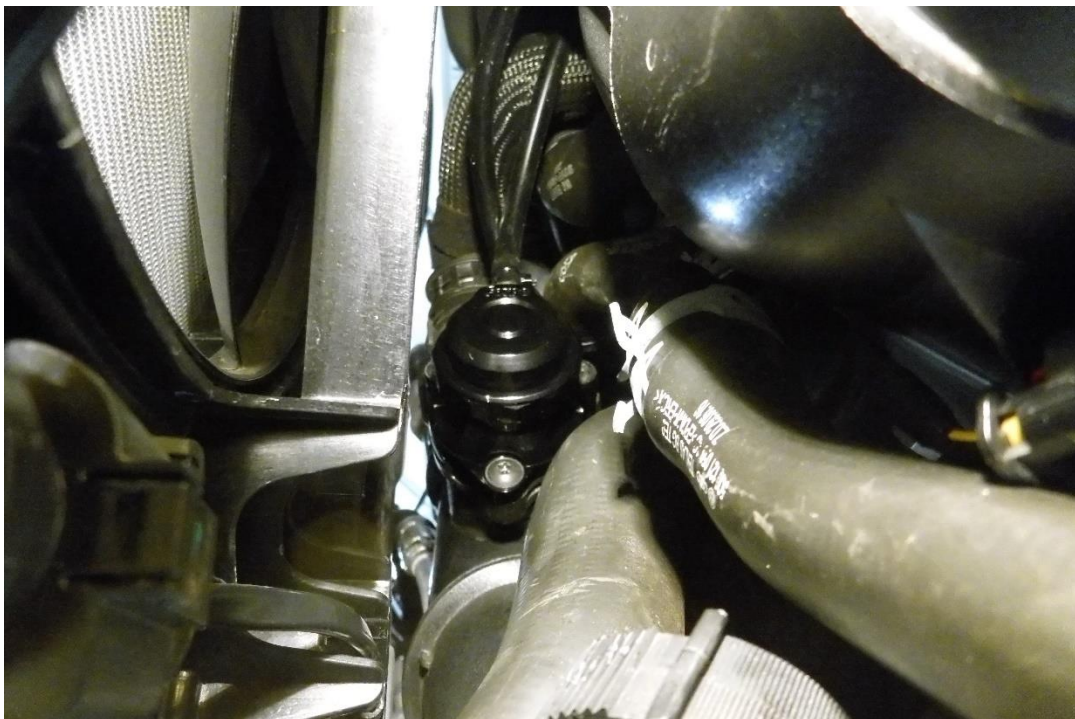
4. On the valve push back the red retaining clip to allow you to remove the wiring loom. Remove the three T25 Torx fasteners attaching the OE valve to the boost pipe, the OE valve can now be removed from situ.



5. Before fitting the Forge valve place the supplied O-rings into the grooves on the mounting surface of the valve, as shown in the picture below.

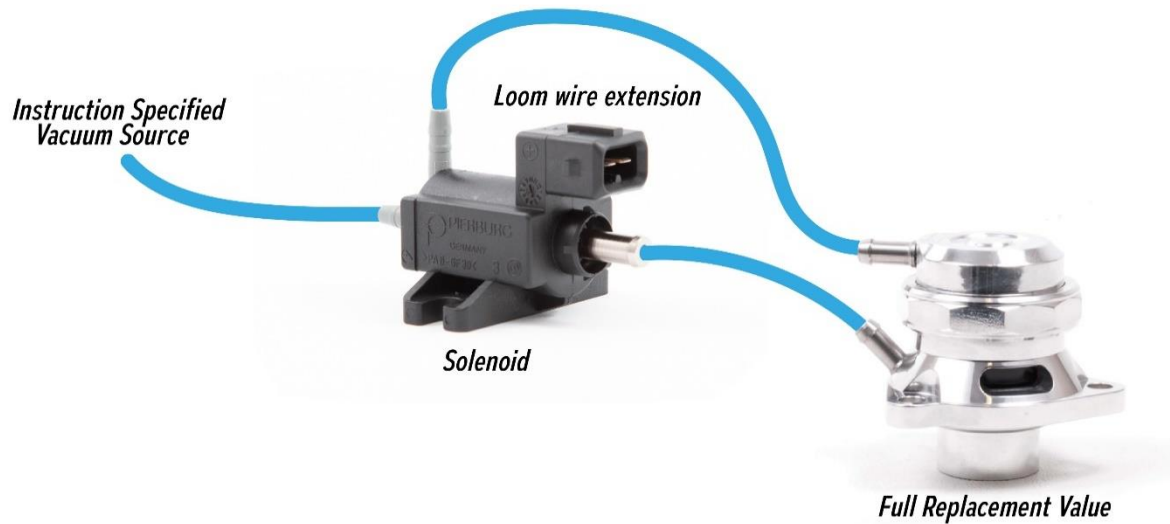


6. Take the Forge Motorsport valve and mount it into position where the OE valve was housed. Use the original T25 Torx fasteners to secure it in place.

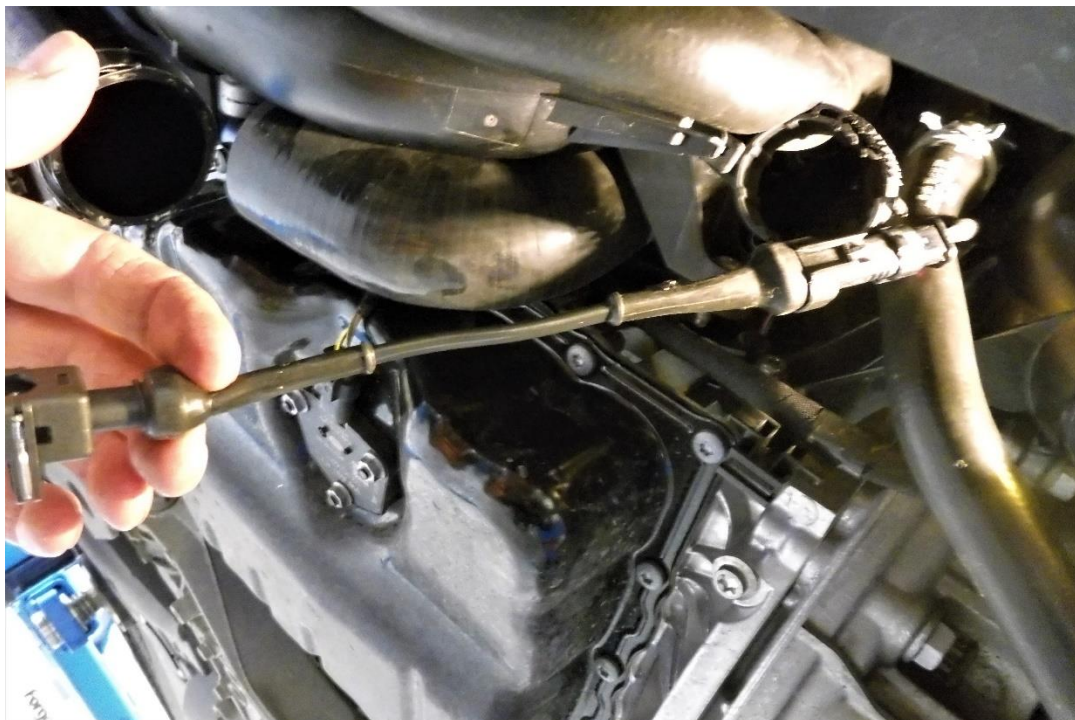


7. The next set of pictures are for illustration purposes - they may not be representative of your engine, but they are the clearest way to show you how to connect your solenoid to the atmospheric or recirculating valve you have fitted. Use the supplied silicone hose to do this, use a sharp knife or side cutters to cut the hose to length.

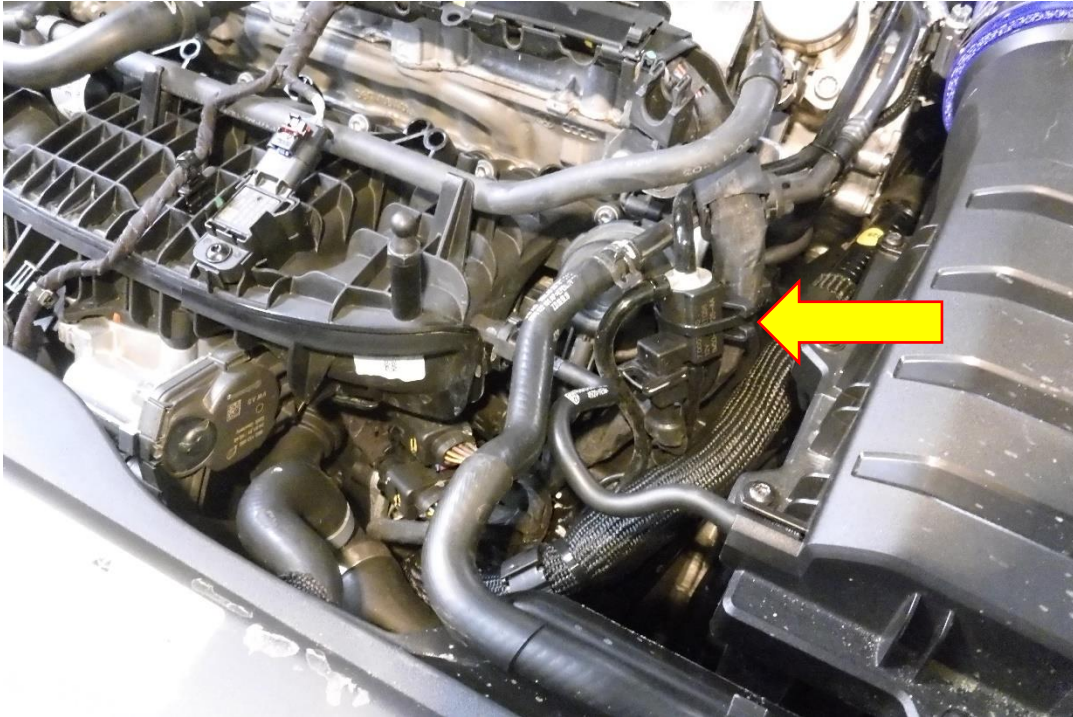
Overview of the vacuum hose routing



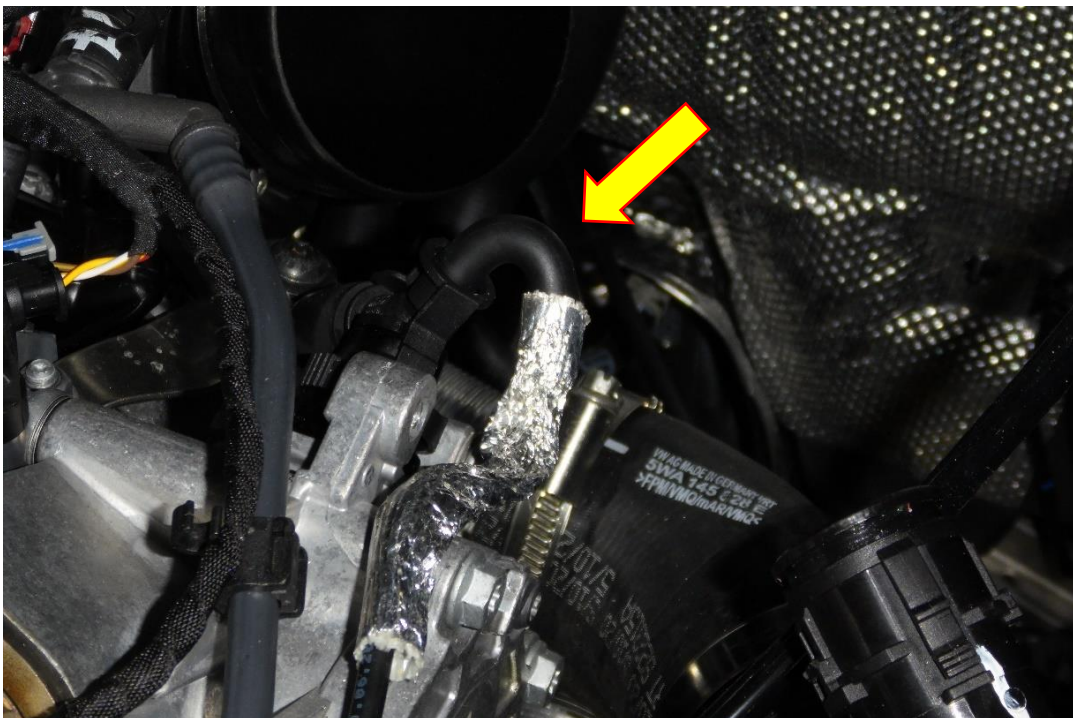
8. Take the wiring loom supplied in the kit and connect it to the solenoid and the other end to the loom which was attached to the OE valve. Run this along with the vac hoses from the Forge valve to the top of the upper front of the engine.



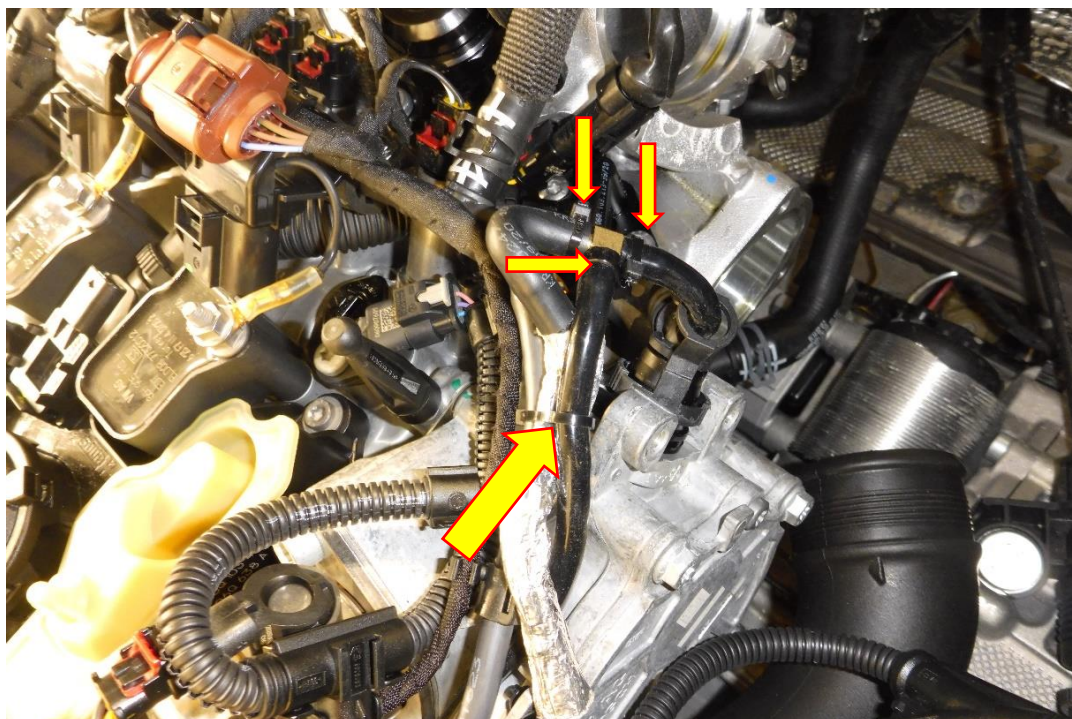
Use the large cable tie supplied with the kit to attach the solenoid to the OE wiring loom. Secure all the vac hose ends with the small cable ties supplied with the FMDV32 kit.



9. The vacuum source in the engine bay is next to where the solenoid has been fitted. Pull the vacuum pipe away from the plastic joiner.



10. Using the supplied brass T piece and silicone pipe attach it to the vacuum pipe removed in the previous step just like it is in the picture below. Use the provided cable ties to secure the hose as shown with the arrows in the picture below.



11. Finally, re-fit the engine cover to complete the installation. Take your vehicle for a test drive and enjoy your new Forge Motorsport product.

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