



Mercedes A35 AMG FMDV26 FITTING INSTRUCTIONS

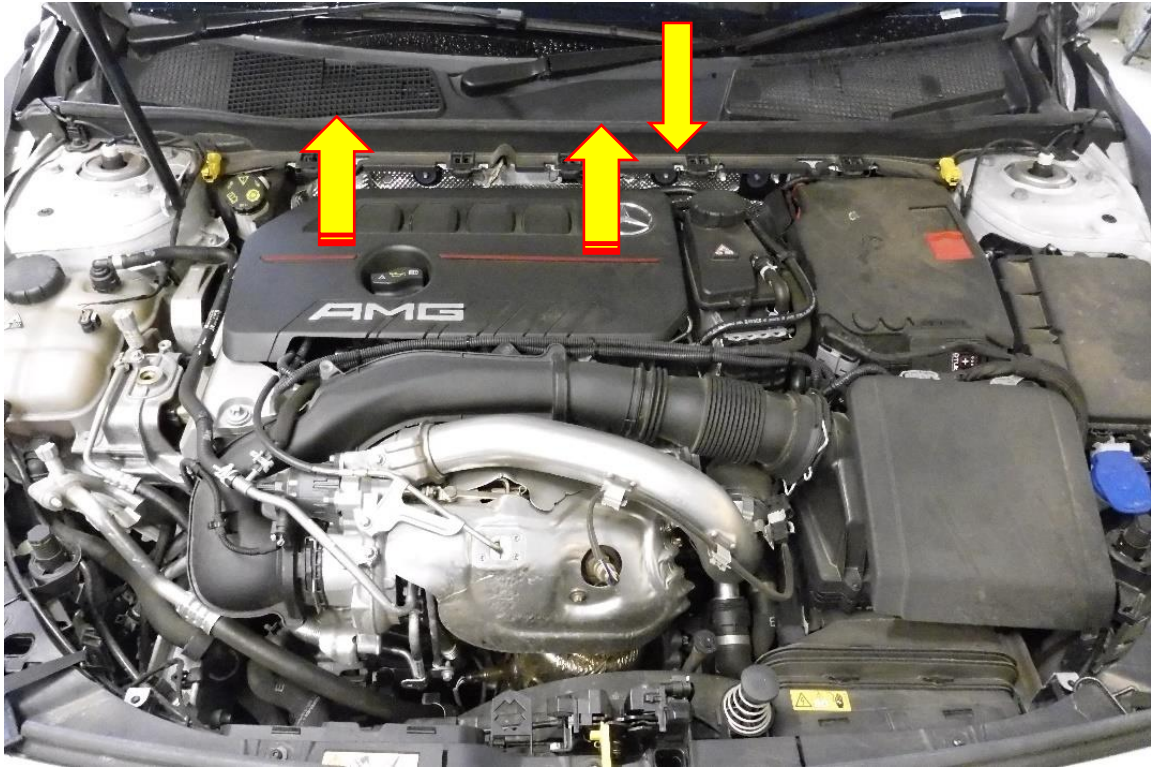


Please thoroughly read through and familiarise yourself with these instructions in their entirety prior to beginning any part of the installation process of any component. Please also ensure the vehicle and engine has cooled down sufficiently to avoid risking possible skin burns or other injury.

TOOLS NEEDED:

- E8/7/8 mm socket with extension
- 5mm Allen key/Allen socket
- T25 Torx screwdriver/socket
- Pozi Drive PZ2 Screwdriver
- Side cutters or scissors

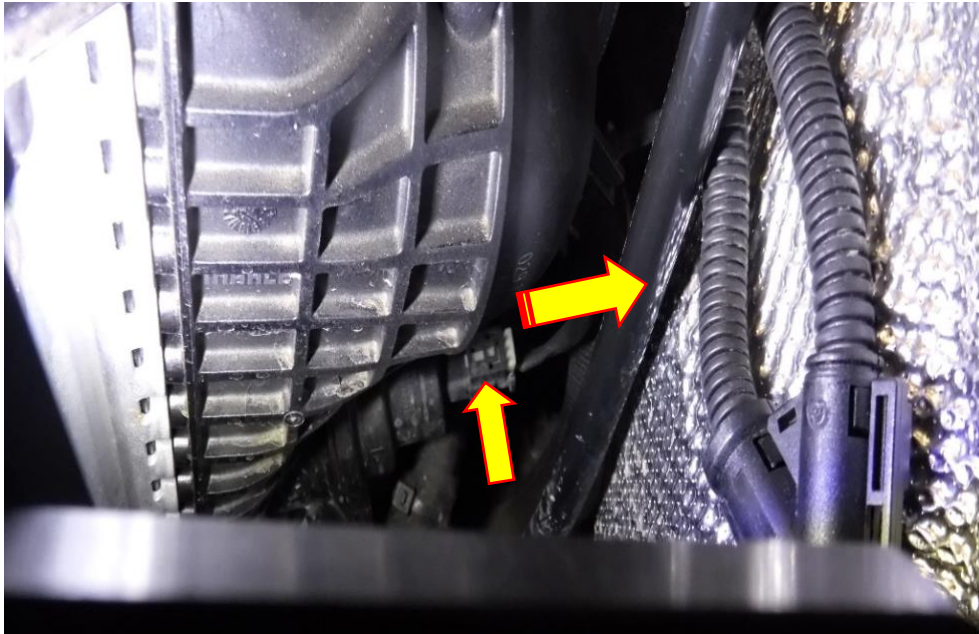
1. Open the bonnet and remove the engine cover, this is held in position on rubber mounts and simply pulls off.



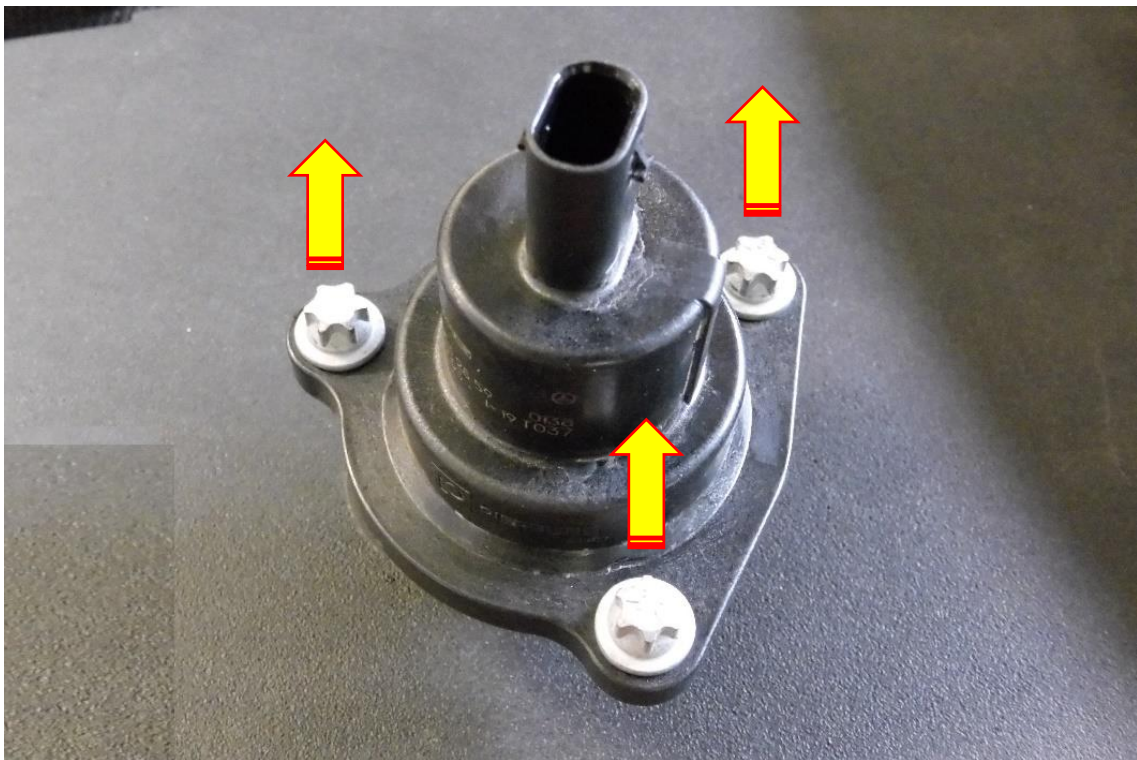
2. Locate the valve, it is situated on the back of the charge cooler which itself is located next to the vehicles battery.



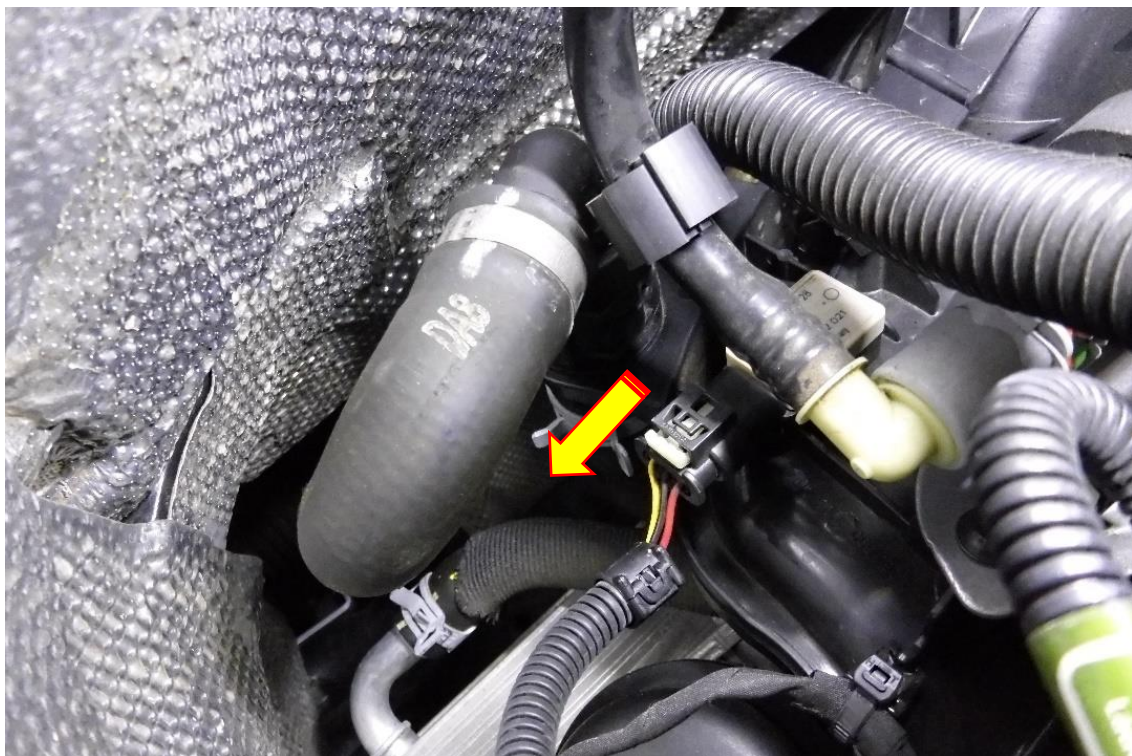
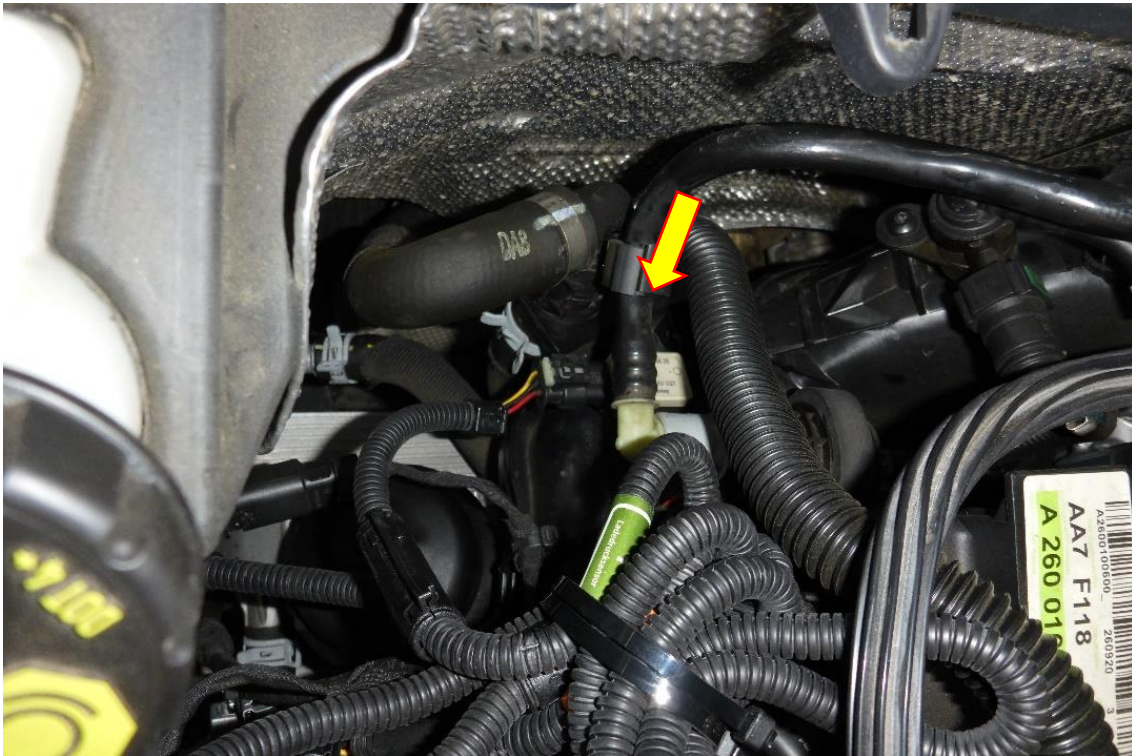
3. Disconnect the wiring loom going to the valve. Slide the white locking tab back then fully depress the clip which will allow the plug to be removed.



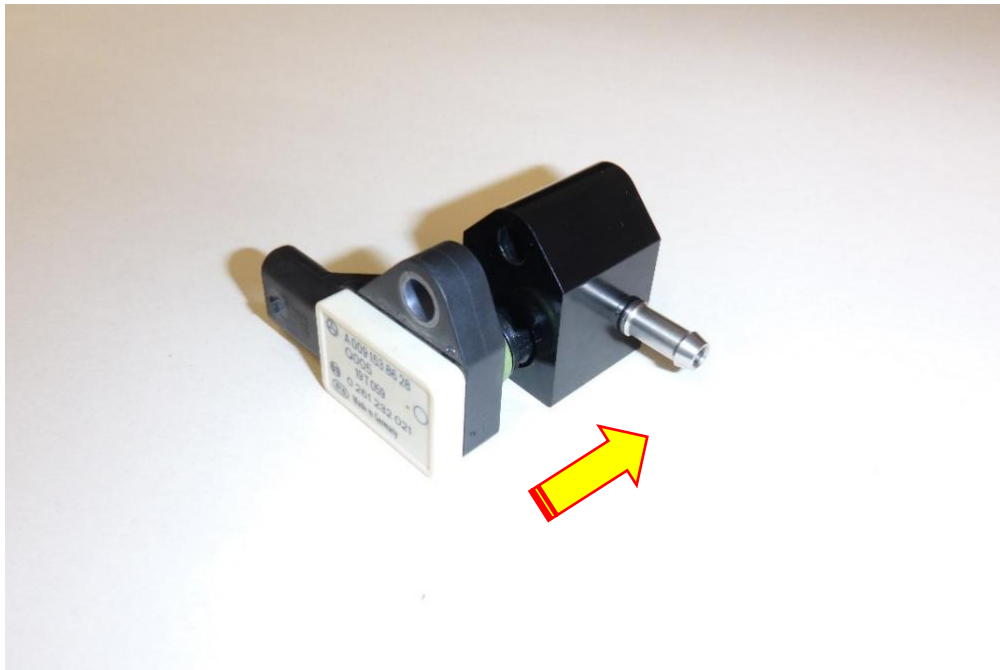
4. Remove the three E8 fasteners attaching the valve to the charge cooler. Use a E8 or 7mm socket and ratchet to remove them. Note the orientation of the valve when removing as the holes are not equally spaced.



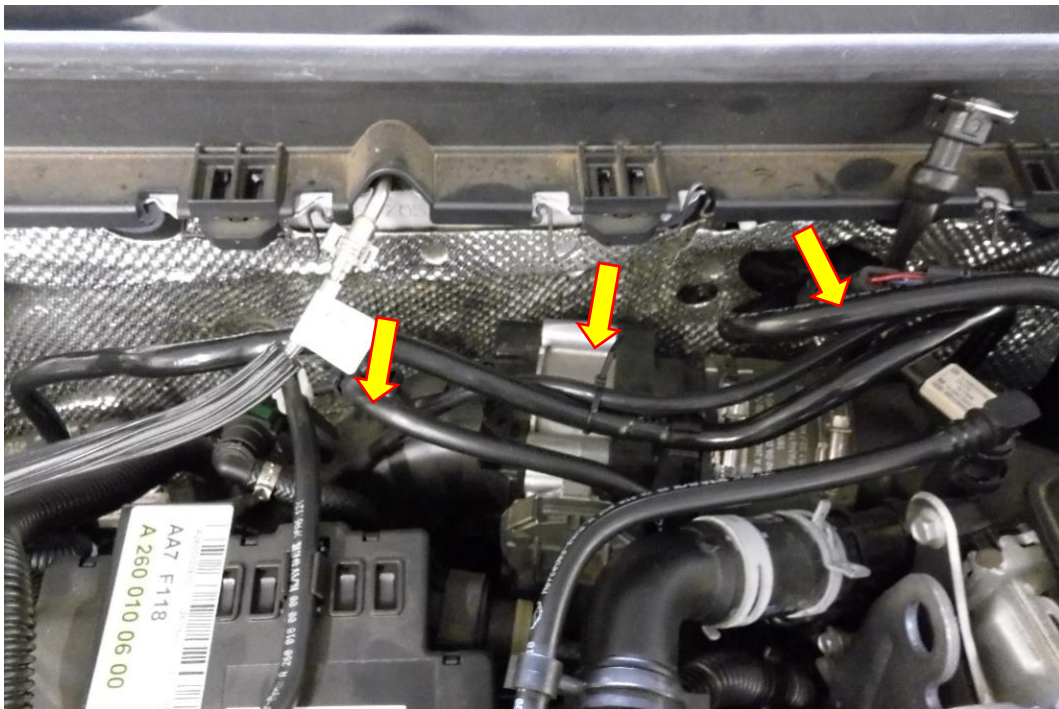
5. Locate the map sensor attached to the inlet manifold and unplug the wiring loom going to it. The sensor is held in place with a T25 Torx fastener, use the relevant Torx driver to remove it, the sensor will now pull out of the inlet manifold.



6. Take the removed sensor and fit it to the machined vacuum boss as shown in the picture below. Attach the supplied silicon hose to the vac port on the boss then re fit both attached items onto the manifold using the M6x40 fastener in the FMDV26 kit, secure the sensor and boss with a pozi drive. Plug the wiring loom back into the sensor.



7. Run the silicon hosing along with the black vacuum pipe and use the cable ties provided to attach it.



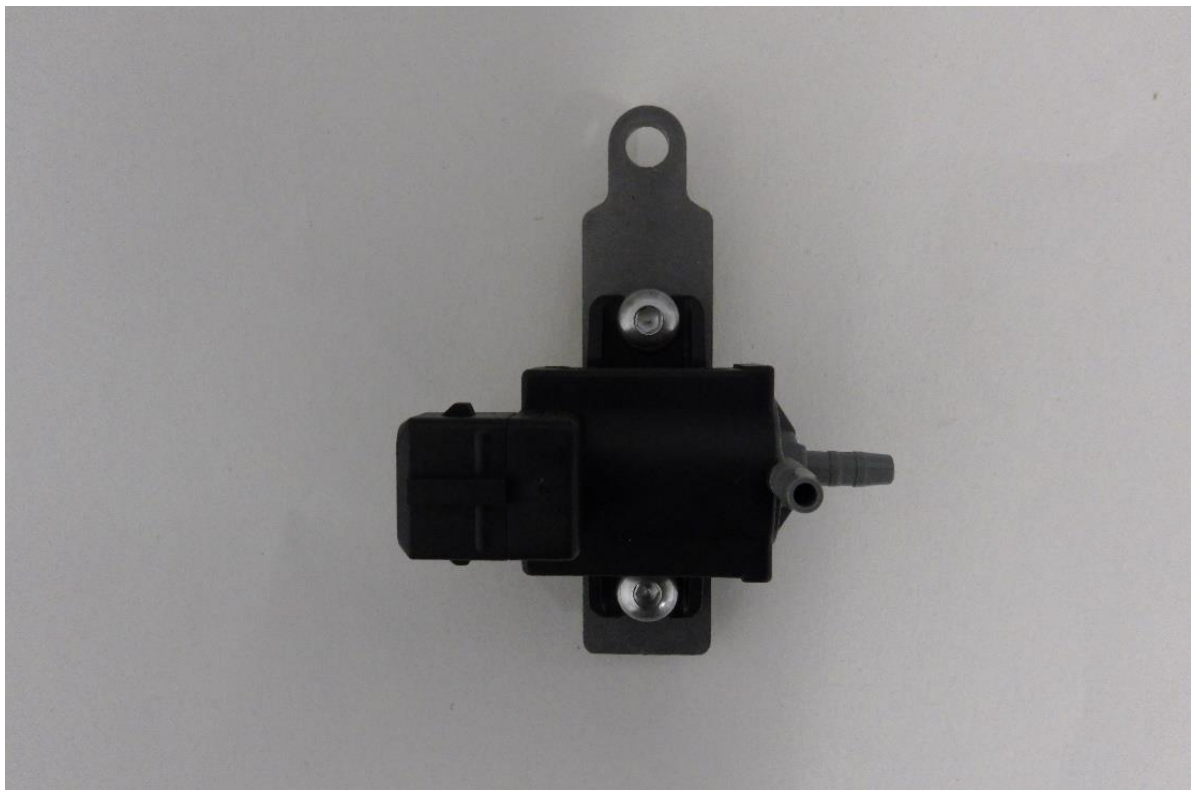
8. Fit the Forge replacement valve where the old valve was situated, secure it in place using the supplied M6x16 Allen cap head fasteners. Use a 5mm Allen key to do this. The orientation of the valve should be that the base boost port is pointing downwards.



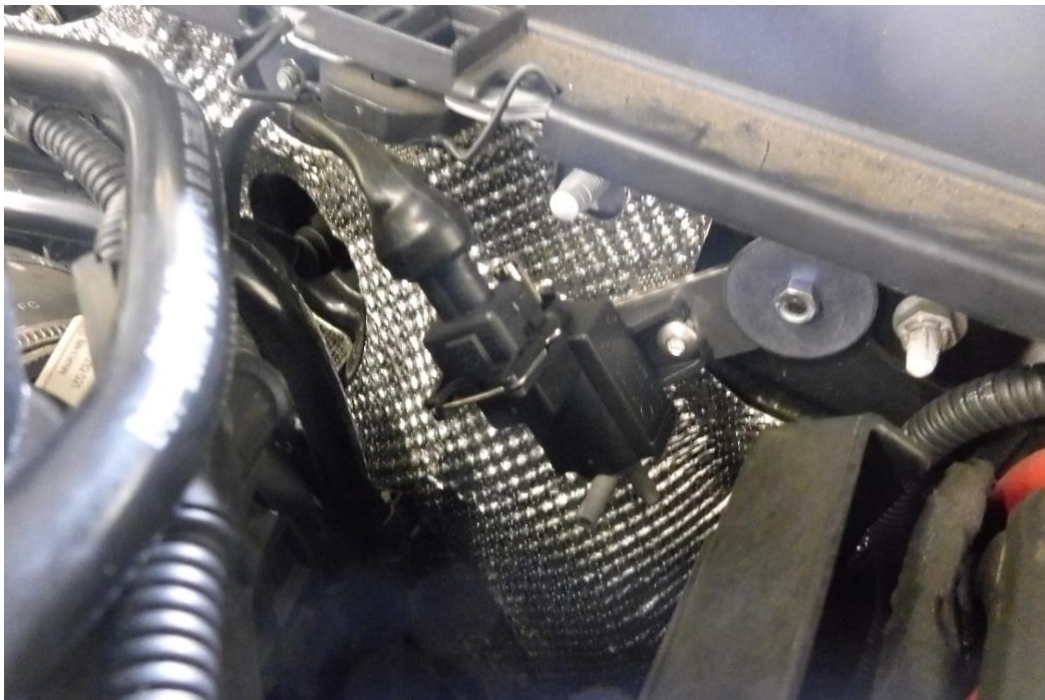
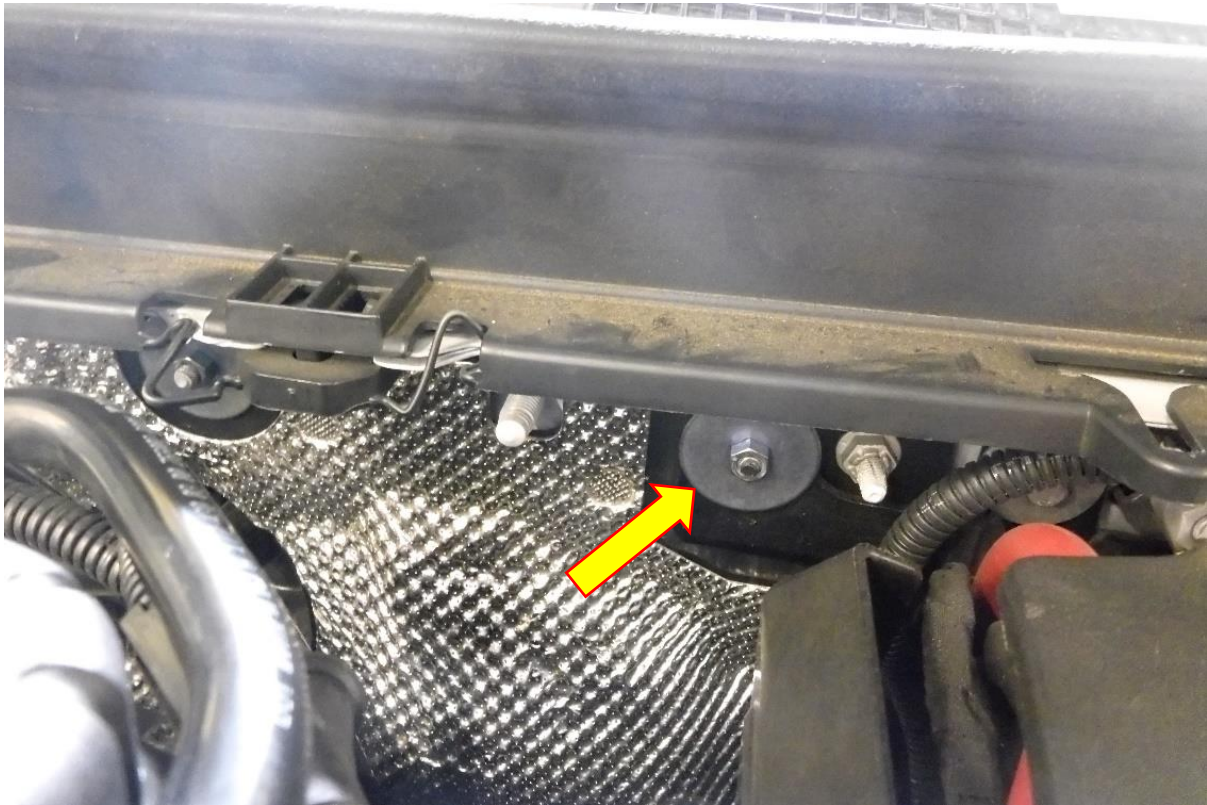
9. Use the remaining silicon hose and attach it to both ports from the Forge valve, run the hose up to the bulkhead.



10. Mount the solenoid to the metal bracket with the M4 fasteners from the FMDV26 kit, use a 4mm Allen key to do this. Note the orientation of the solenoid when mounted to the bracket.

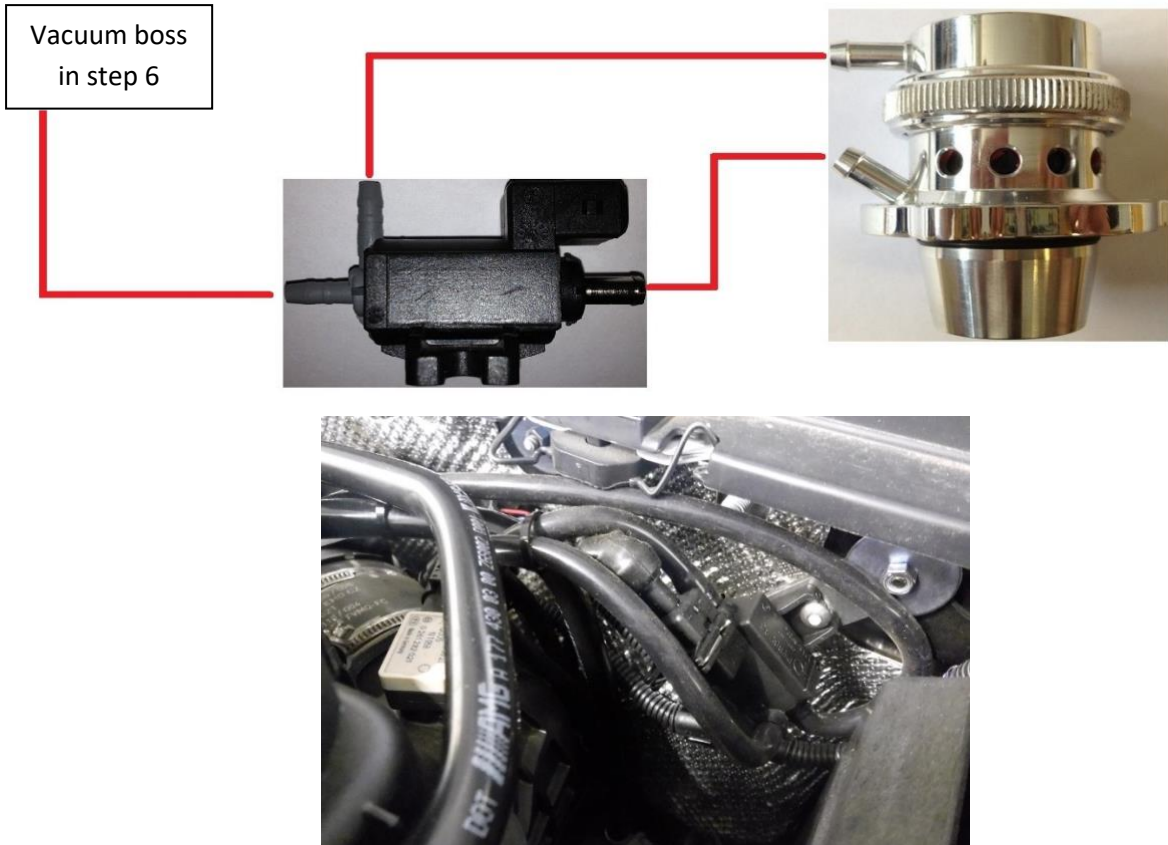


11. Remove the M5 fastener located on the bulkhead next to the battery. Use an 8mm socket and ratchet to remove it.



12. Run the new vacuum lines as shown in the diagram below, cut to length with some side cutters or scissors. Use the supplied cable ties to secure the ends of the vacuum lines to the solenoid and valve then snip off the excess with side cutters.

Overview of the vacuum hose routing



13. Re fit the engine cover and that is the installation of your new Forge FMDV26 now complete.

Forge Motorsport accept no liability for invalidation of your manufacturer's warranty or failure of any component or part due to incorrect installation of Forge Motorsport products.