



## FMDV50 FITTING INSTRUCTIONS

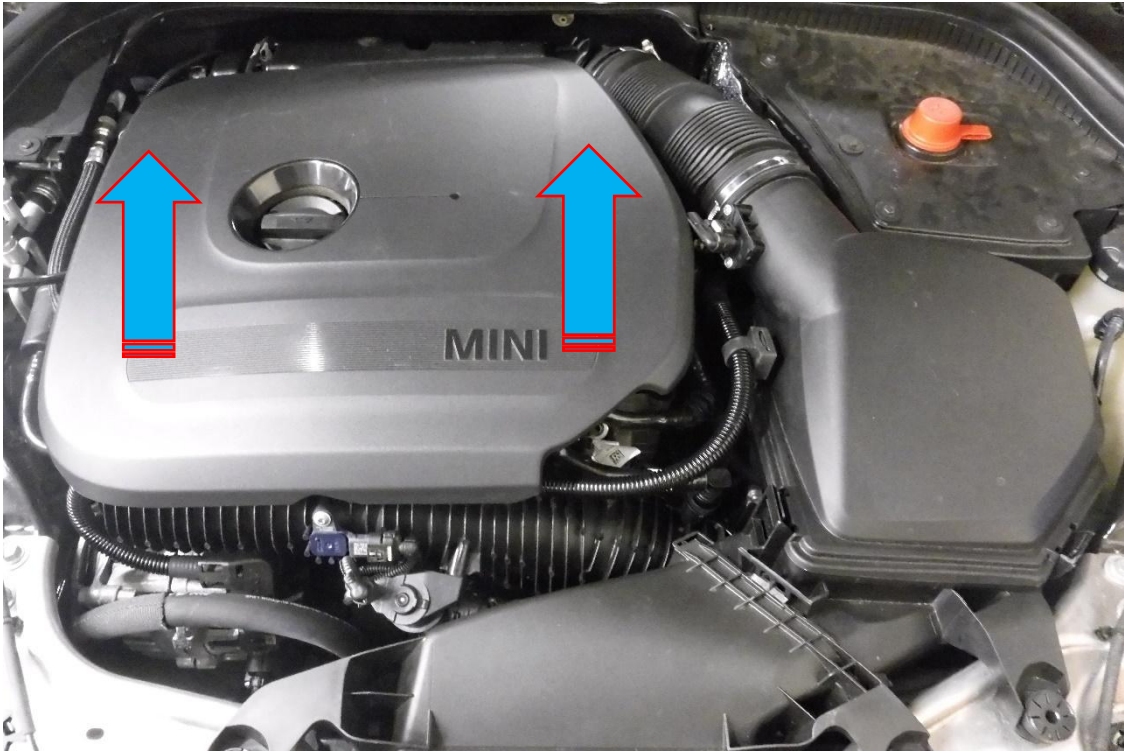


Please thoroughly read through and familiarise yourself with these instructions in their entirety prior to beginning any part of the installation process of any component. Please also ensure the vehicle and engine has cooled down sufficiently to avoid risking possible skin burns or other injury.

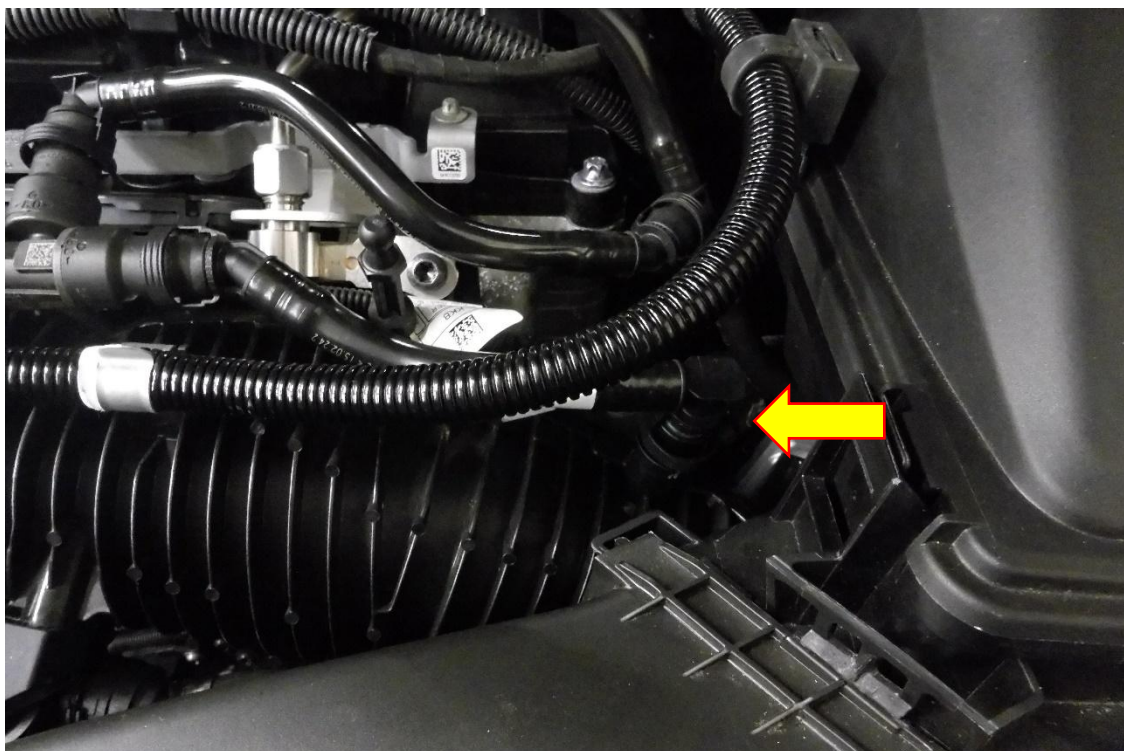
### TOOLS NEEDED:

8mm socket with extension  
T30 Torx Drive  
Jack & Axle stands/car ramp  
Side cutters

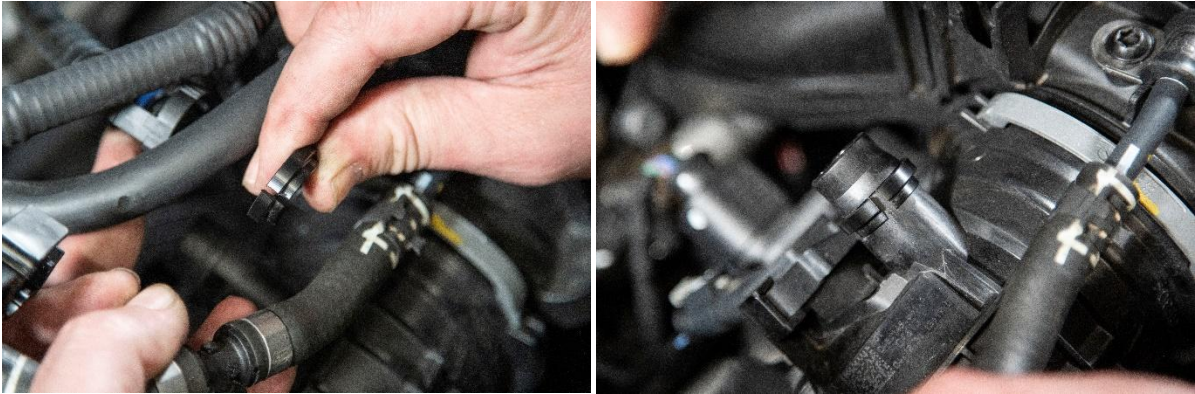
1. Open the Bonnet of the vehicle and locate the valve as pictured below. Remove the engine cover by pulling it upwards. **MAKE SURE THE ENGINE IS COLD BEFORE WORKING!**



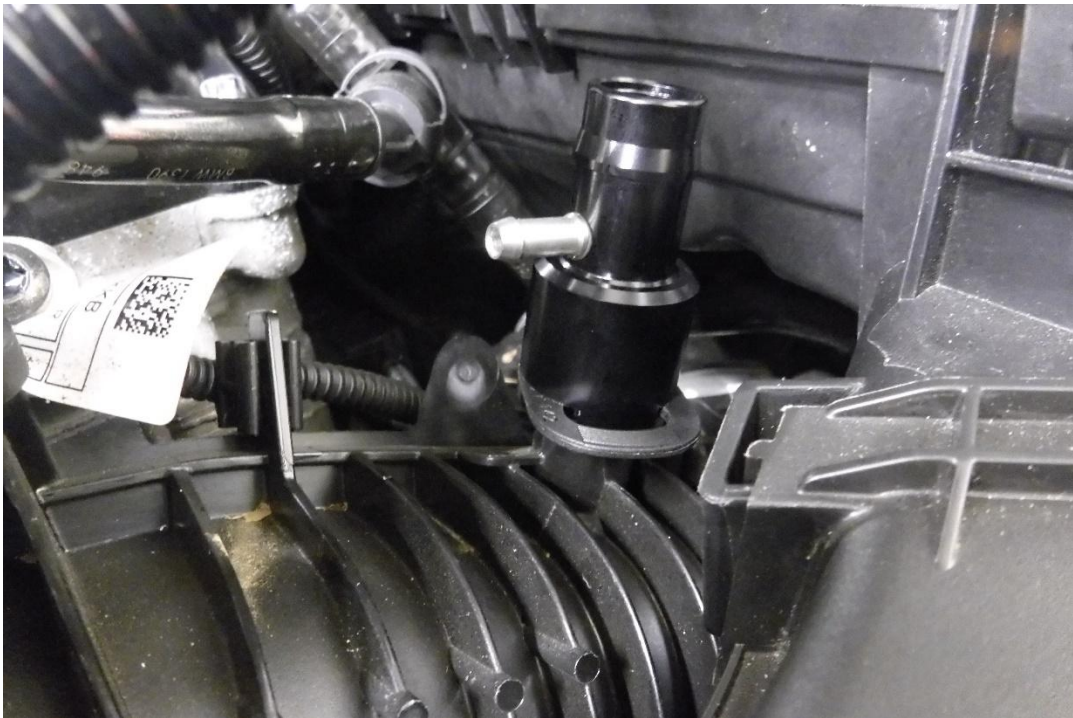
2. Locate the vacuum source which is a Norma fitting attached to the inlet manifold, press the release tabs on the side of the fitting to release it.



3. Take the supplied split sleeve and slide it over the taper on the pipe (please take note of the orientation).

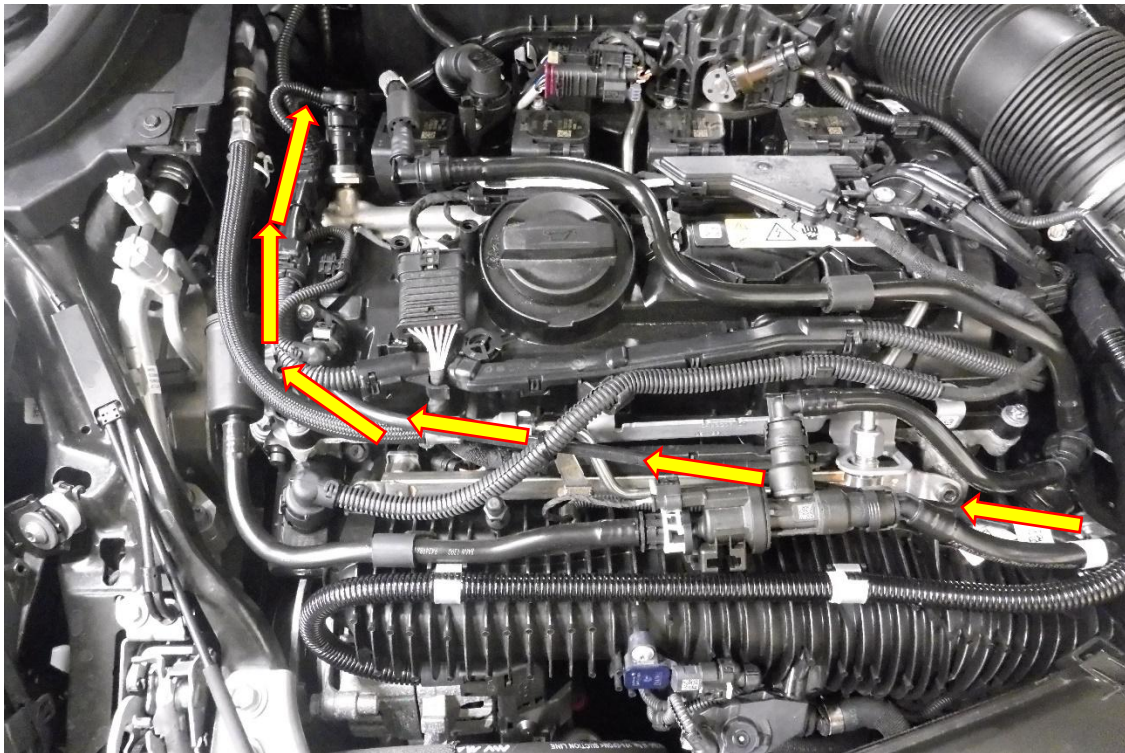
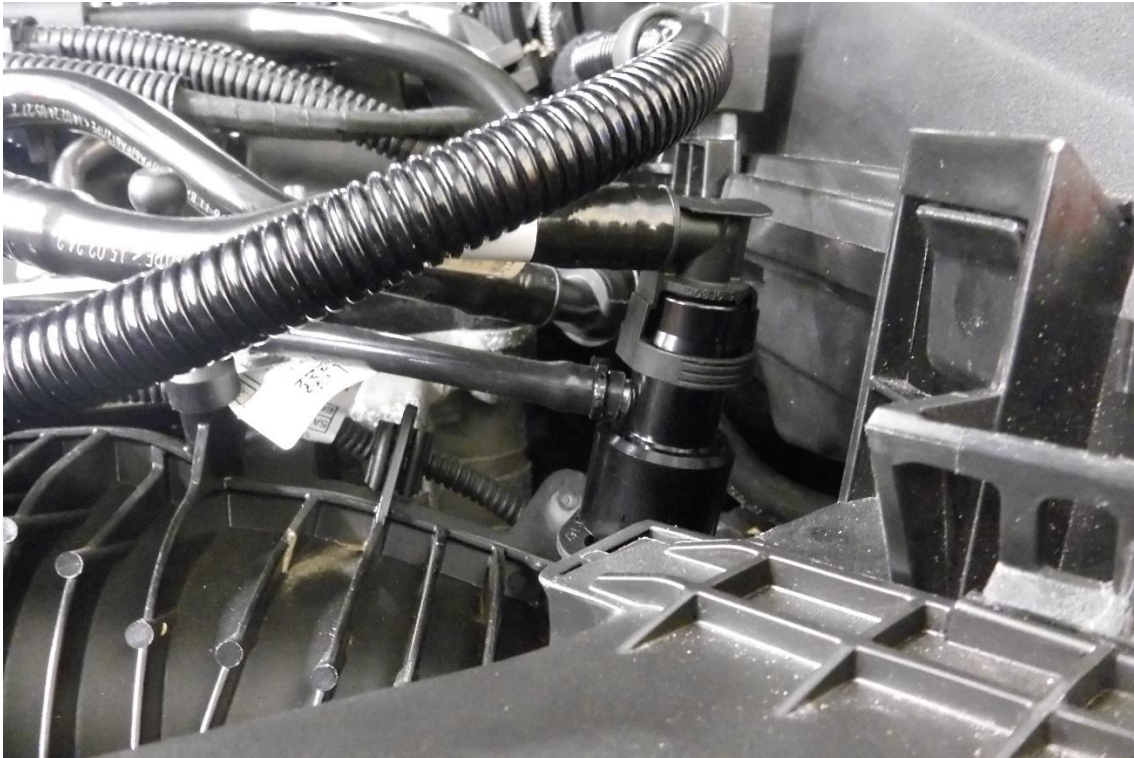


4. Push the supplied adapter over the pipe ensuring the slot is over the split sleeve then secure in place using the supplied horseshoe shape clip.



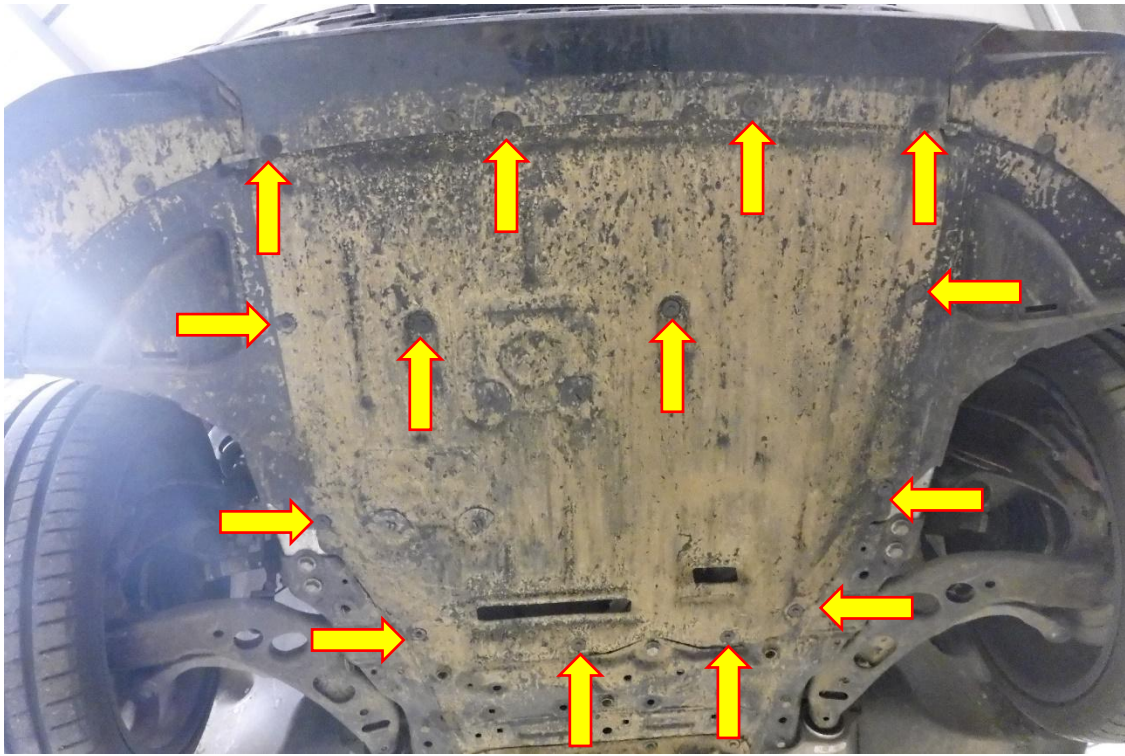


5. Attach the supplied silicone hose to the side pipe and run it to the back of the engine as illustrated below. Fit the OE Norma fitting back on and refit the engine cover.

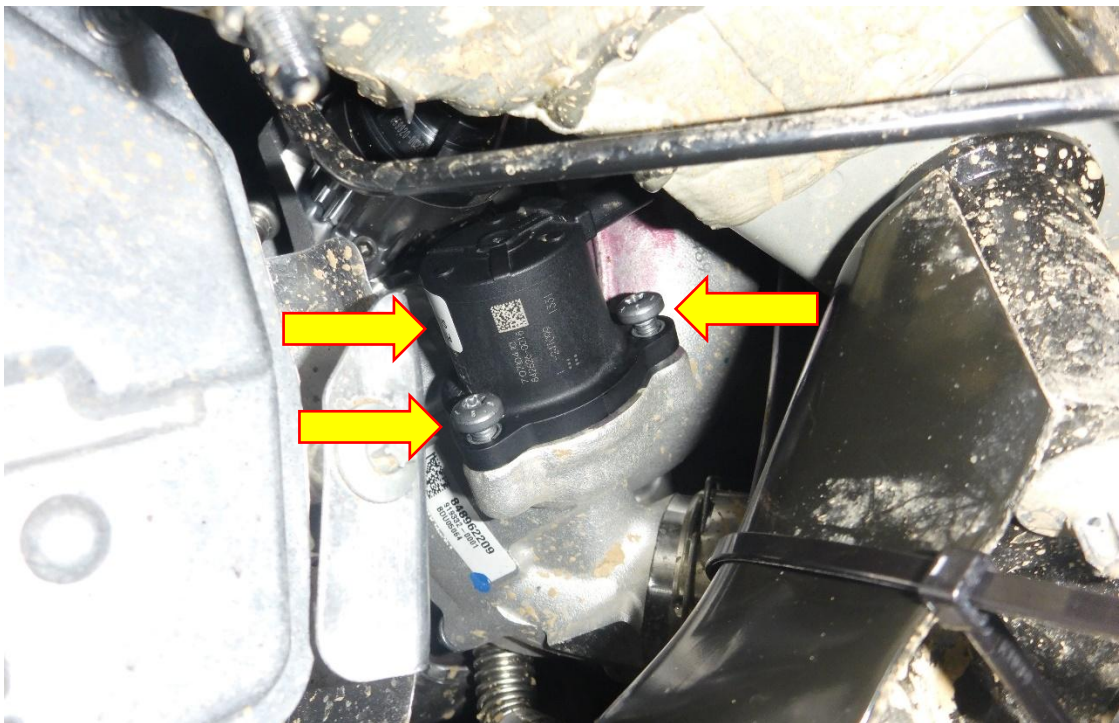




6. Using a jack and axle stands or car ramp raise the vehicle in the air to gain access to the undertray. Using an 8mm socket and ratchet remove the x14 fasteners and remove the undertray.



7. Locate the original valve and using a T30 Torx driver remove the X3 fasteners attaching the valve to the turbo.



8. Pull the grey locking tab back and then press down to release the DV loom from the valve.



9. 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.

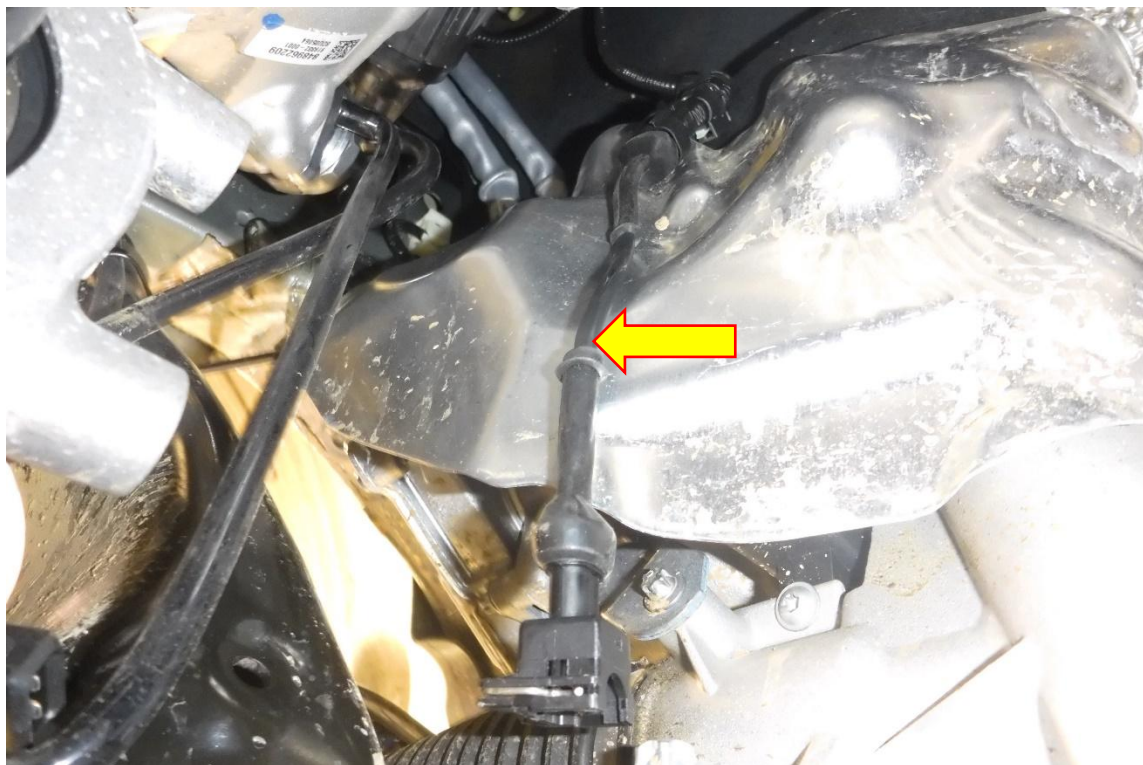




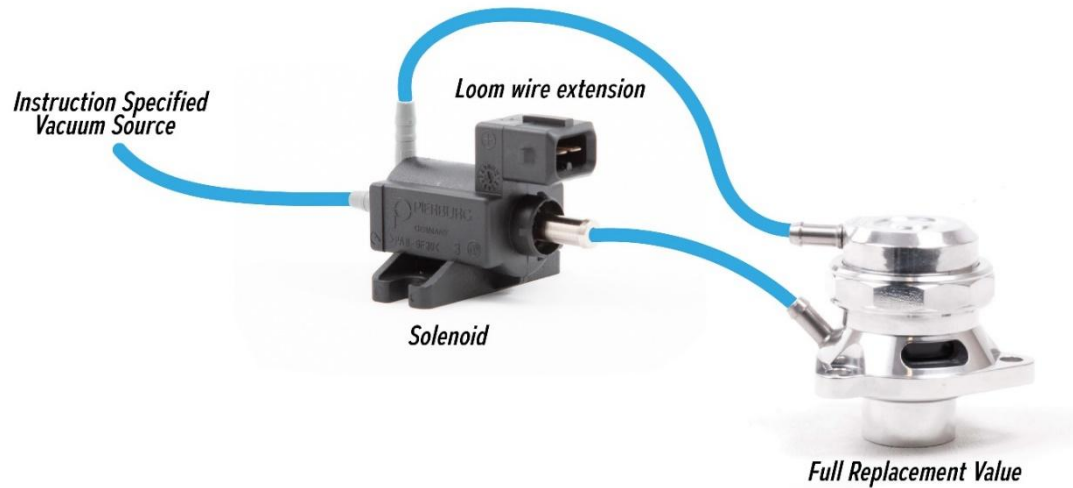
10. Fit the Forge valve to the turbo using the original fasteners and a T30 Torx drive.  
Please note that the mounting holes are not equally spaced



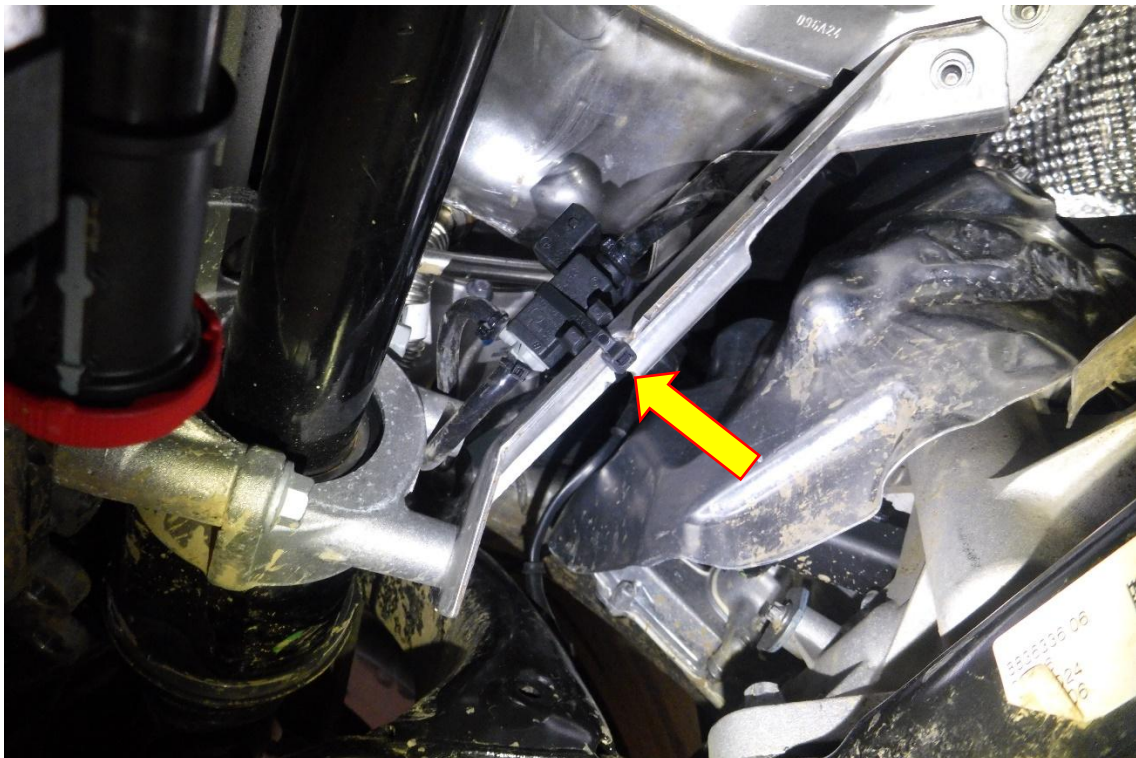
11. Fit the Forge wiring harness to the vehicle DV loom, you will hear a positive click when fully engaged.



12. 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.



13. Using the large cable tie supplied with the kit attach the supplied solenoid to the exhaust bracket. Attach the silicone hoses to the solenoid and secure them using the supplied small cable ties.





14. Connect the DV wiring harness to the solenoid, again make sure to hear it click into position.



15. Re install the undertray to complete your installation of FMDV50. Now take your vehicle for a test drive and enjoy your new Forge Motorsport product.

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