



## FMDV35 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.

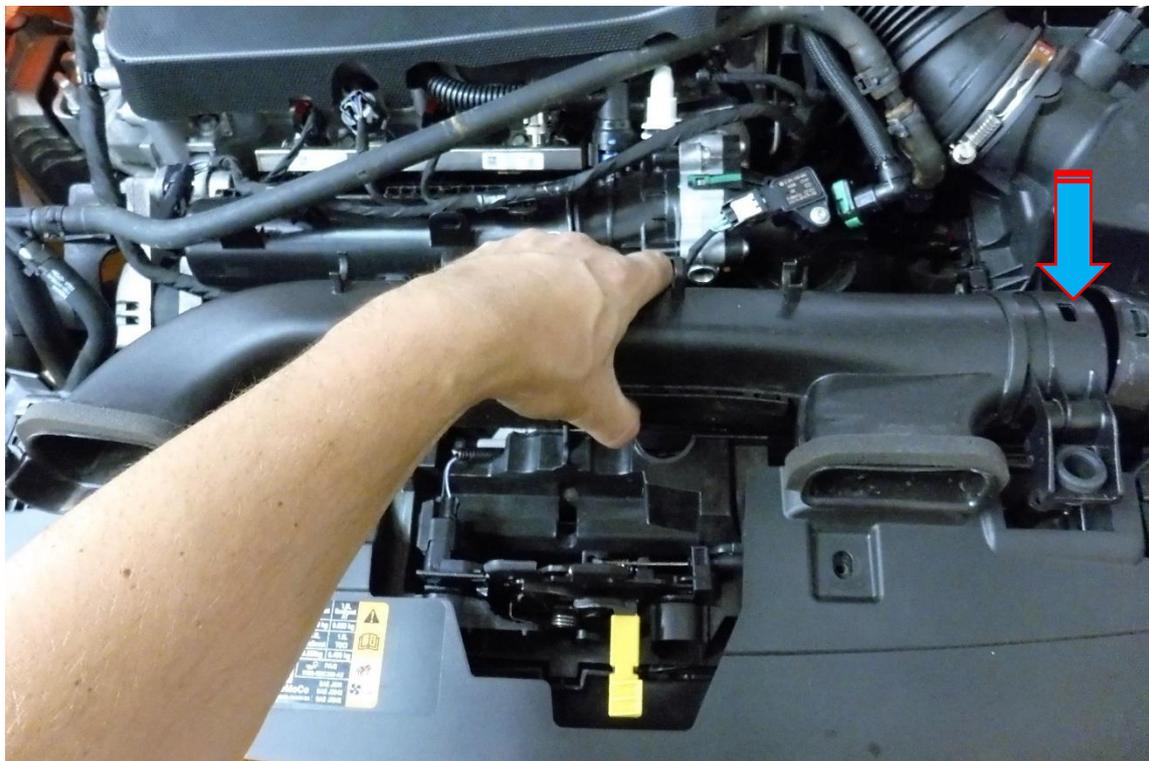
### **TOOLS NEEDED:**

7/10mm socket with extension  
T30 Torx driver/socket  
5mm Allen key  
Flat blade screwdriver  
Side cutters & Pliers  
Axel stands/ car ramp

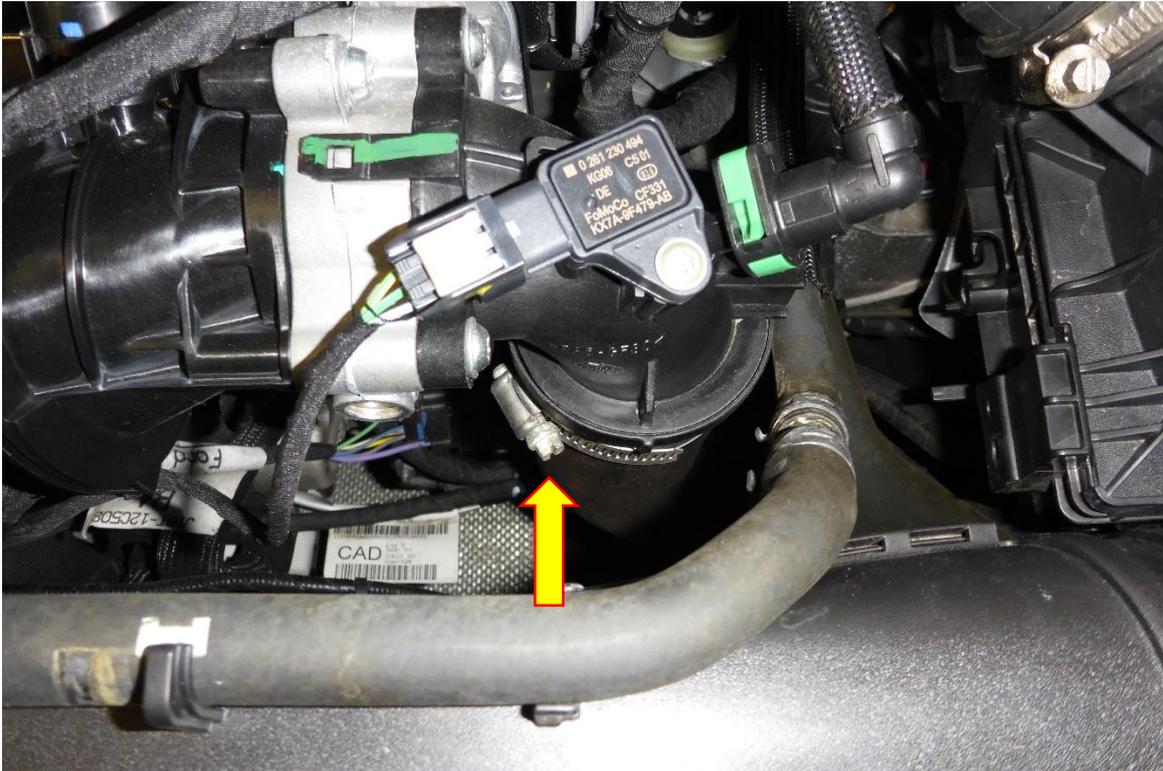
1. Open the bonnet of the vehicle and using a 10mm socket and ratchet remove 4x M6 fasteners. Using a T30 Torx driver remove the 2x fasteners attaching the intake ducting.



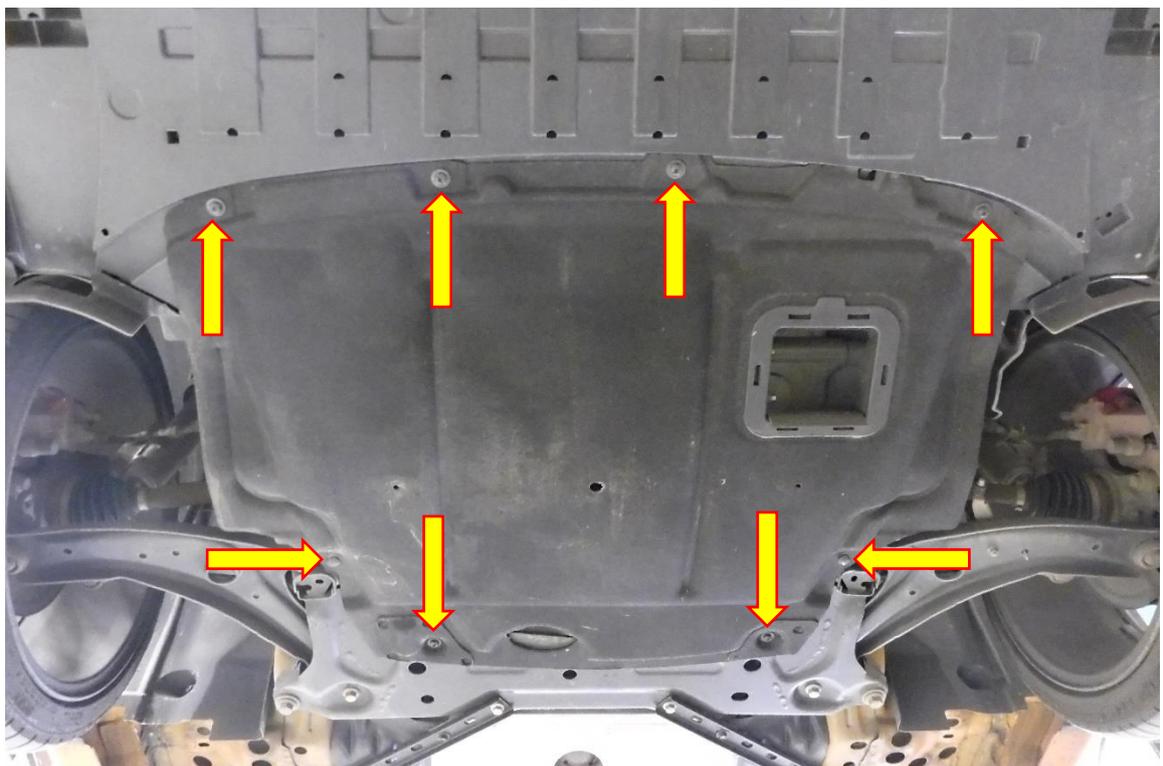
2. Push in both retaining tabs attaching the intake ducting to the airbox, this will then allow you to remove the intake ducting from the vehicle.



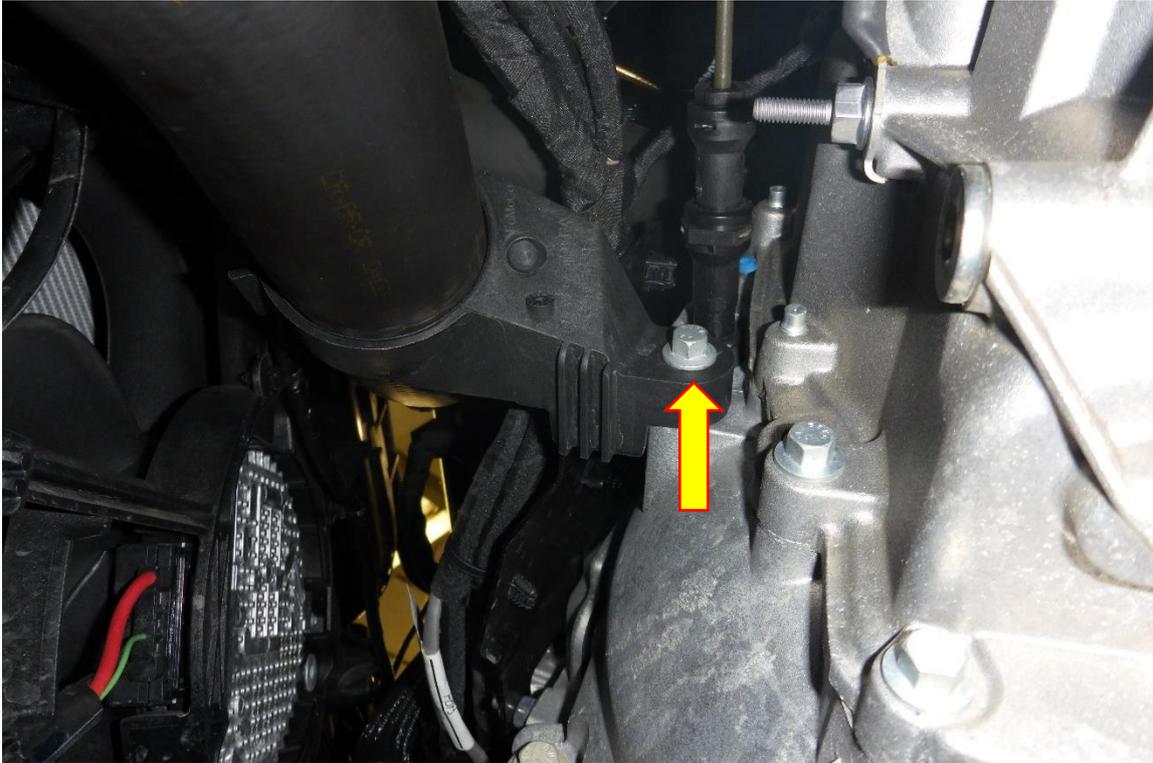
- Using a 7mm socket and ratchet or flat blade screwdriver loosen off the hose clamp securing the boost pipe to the throttle body.



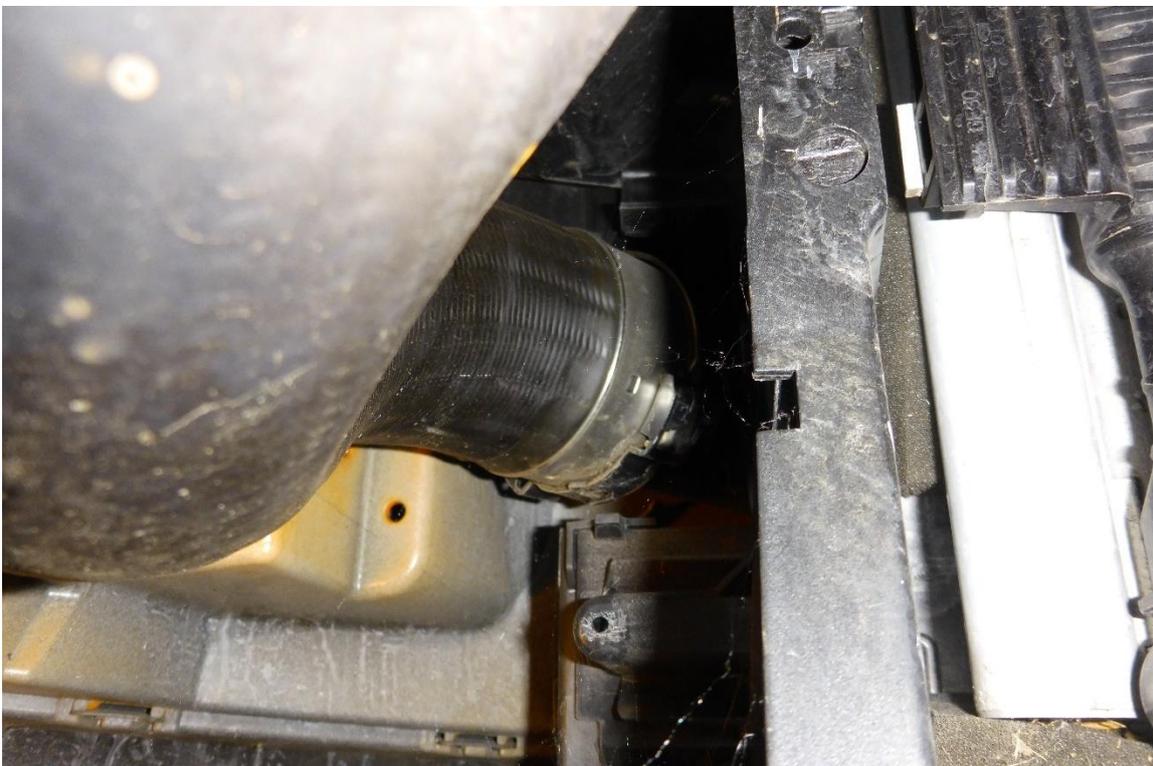
- Raise the vehicle using a car lift, or safely rest on axle stands if using a car jack to raise the vehicle. Using a T30 torx drive remove 6x fasteners and using a flat blade screwdriver remove 2x plastic fasteners. The undertray can now be removed from the vehicle.



5. Using a 10mm socket and ratchet remove the M6 fastener attaching the hose bracket.



6. Using a flat blade screwdriver, lever the retaining clip upwards to allow the coupler on the hose to release from the intercooler. You will now be able to remove the hose from the vehicle.



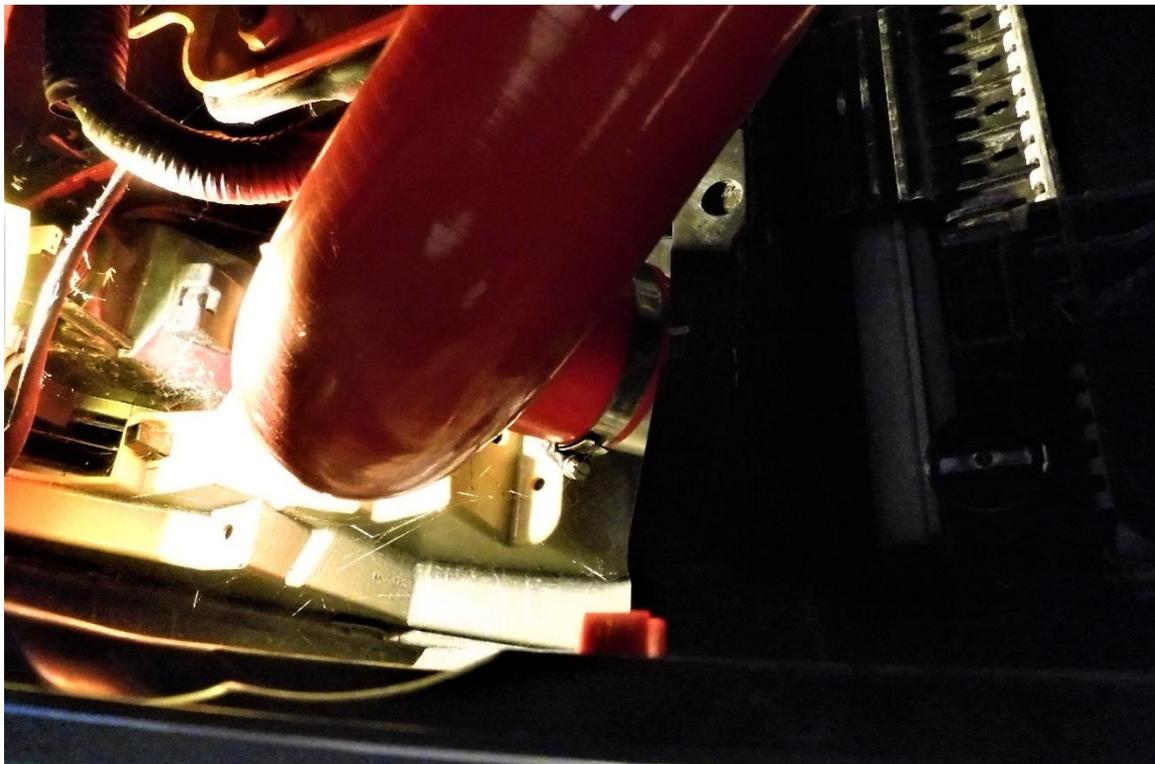
7. Using a flat blade screwdriver remove the retaining clip from the OE boost pipe. Take the coupler from the FMDV35 kit and lubricate the O-rings as this will make fitment easier.



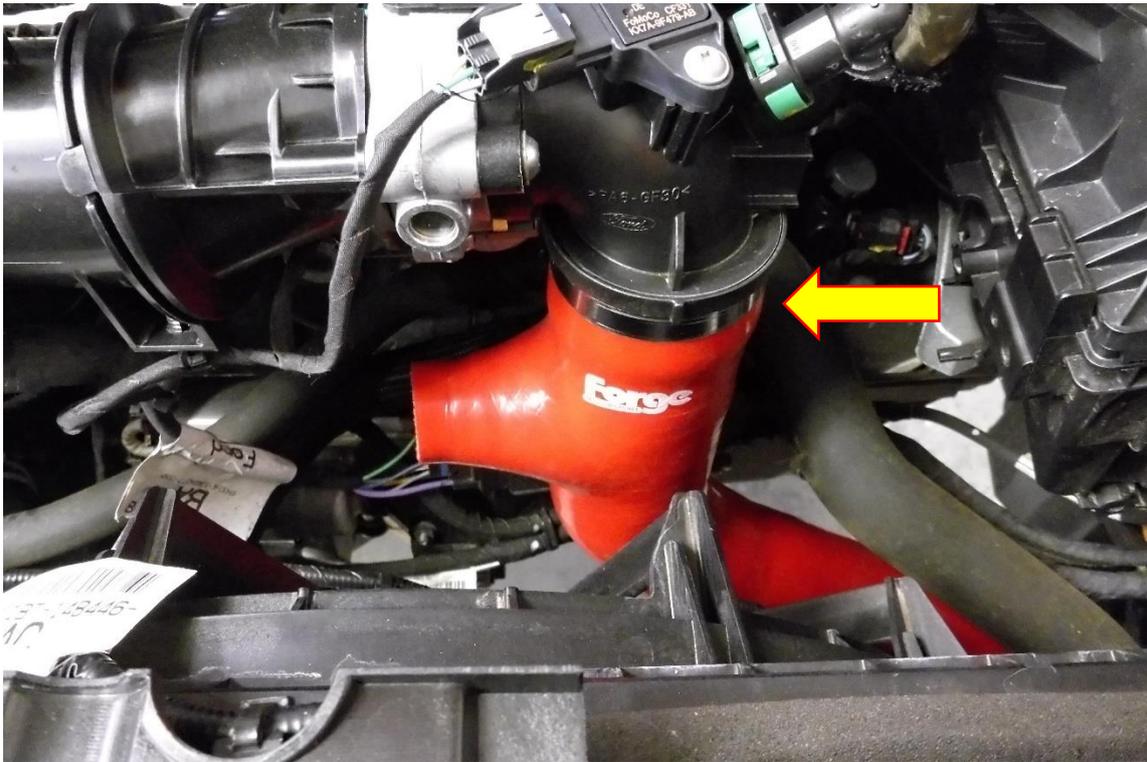
8. Fit the coupler to the intercooler. It is a very tight fit so you may want to use a rubber mallet to tap it into place. Make sure the retaining clip is attached once in place, as this will keep the coupler securely in position.



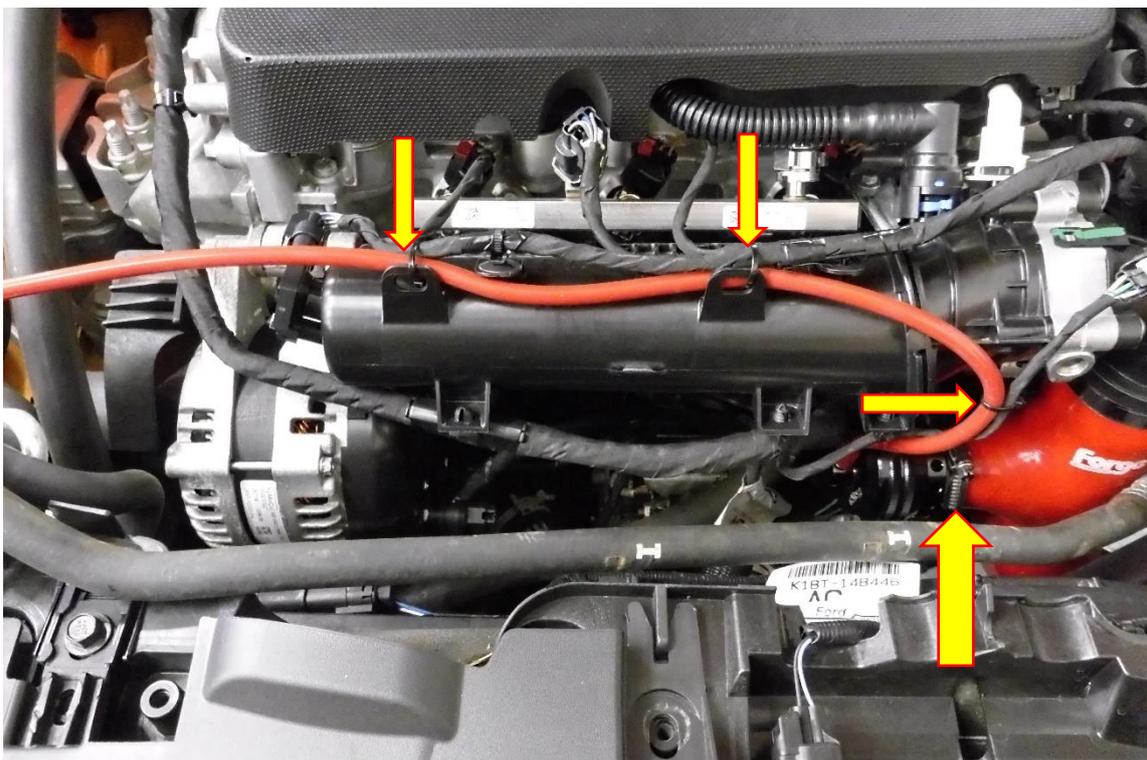
9. Using a 7mm socket or flat blade screwdriver secure large end of the of the silicone hose #2047 with the supplied 60-80 hose clamp.



10. Using a 7mm socket and ratchet secure the other end of the silicone hose #2047 to the throttle body elbow with the supplied 40-60 hose clamp.



11. Take the Forge valve from the FMDV35 kit and attach the supplied 4mm vacuum hose to the vac port, secure it with a supplied cable tie. Using a 7mm socket and ratchet secure the valve to silicon hose #2047 using hose clamp 20-32. Run the vac hose as shown in the picture below and secure with supplied cable ties.



12. Unplug the wiring loom from the map sensor and using a 7mm socket and ratchet remove the fastener attaching the sensor to the inlet manifold. The sensor can now be removed.



13. Using the original fastener secure the Forge machined vacuum tap to the inlet manifold. Using side cutters or a knife cut the 4mm vacuum hose to the correct length in order for it to fit the vacuum tap.



- Using a 5mm Allen key secure the map sensor to the vacuum tap with the supplied M6 fastener and washer. Re attach the wiring loom to the sensor.



- Now do steps 1-5 in reverse order to complete the installation of FMDV35, Take the vehicle for a test drive and enjoy your new Forge Motorsport product.



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Forge Motorsport UK (+44)1452 380999  
Forge Motorsport USA (407)-447-5363  
Forge Motorsport ASIA +886-4-22516887

info@forgemotorsport.co.uk  
sales@forgemotorsport.com  
sales@forgemotorsport.asia

