



## VW UP 1.0 TSI DUMP VALVE FITTING INSTRUCTIONS.



Please thoroughly read through and familiarize 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. Please also read the information below before starting any part of the following installation as failure of incorrect care may void your warranty.

### **TOOLS NEEDED:**

7mm Hose clamp driver/Flat blade screw driver

Pozi Drive PZ2 Screwdriver

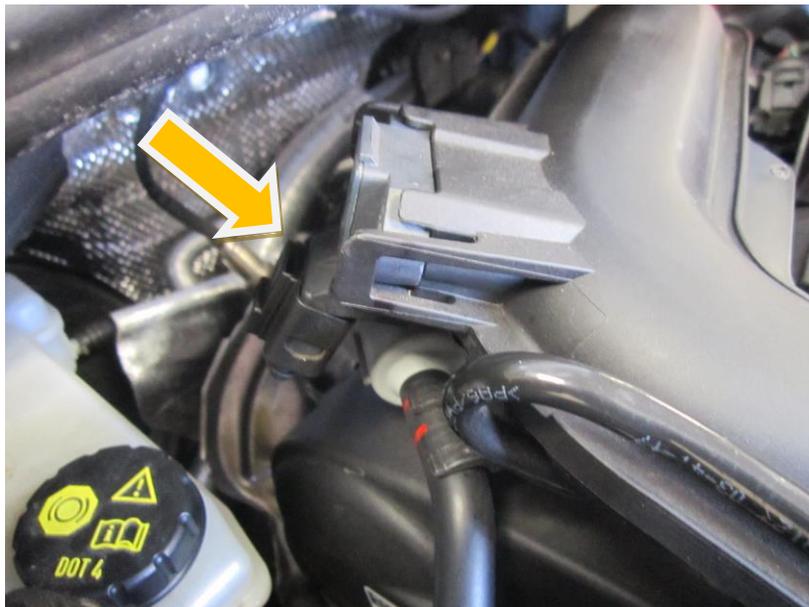
Scissors or a sharp knife

6mm Allen key

1. Raise your car bonnet and locate your standard boost pipe.



2. Unplug the wiring loom from the map sensor housed in the boost pipe.



3. Unclip the vacuum hoses and wiring harness from the side of the boost pipe.



4. Unclip the couplers from the turbo inlet and throttle body while pulling them away from situ.



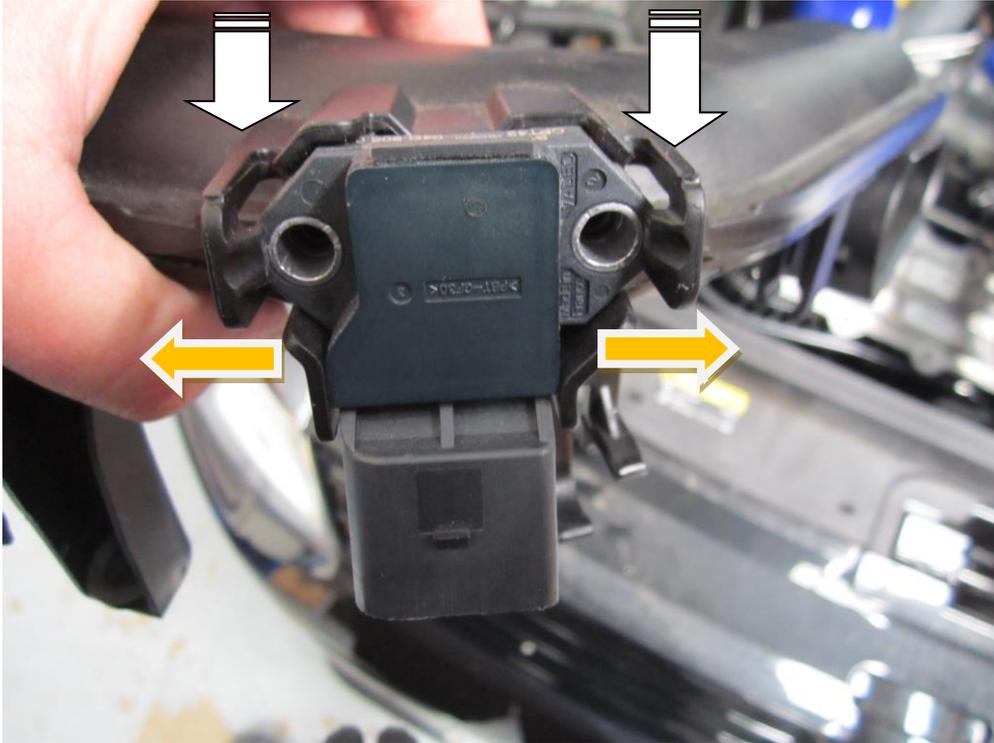
5. Remove the boost pipe fully from situ.



6. Remove the factory o-ring from the coupler on the OEM boost pipe and place into the Forge Motorsport billet throttle body coupler.



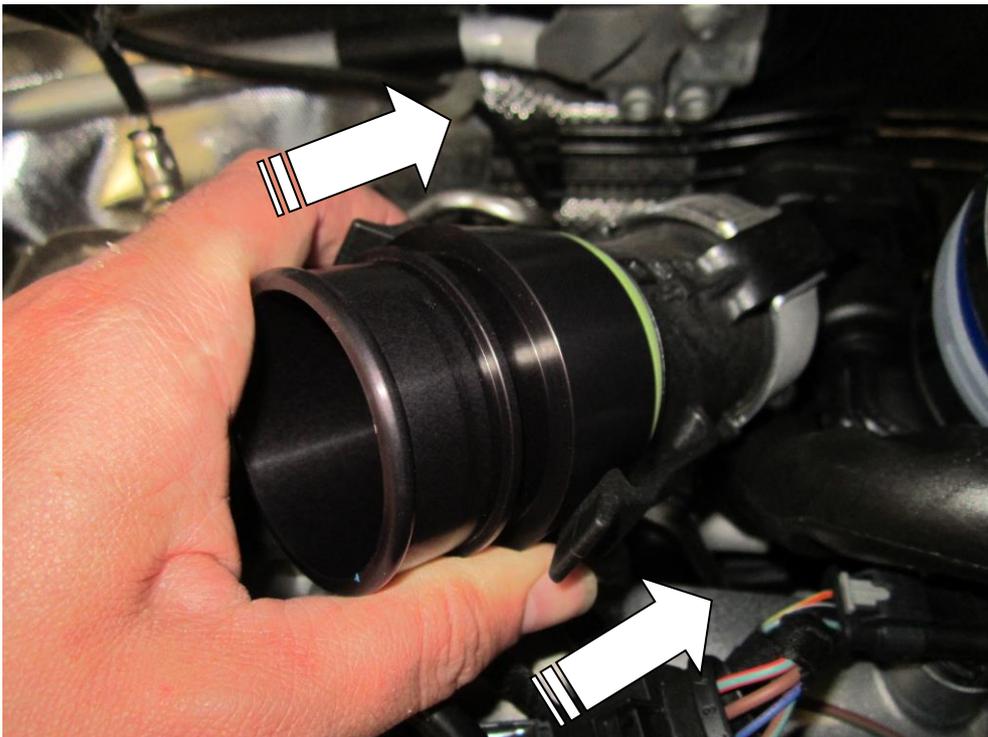
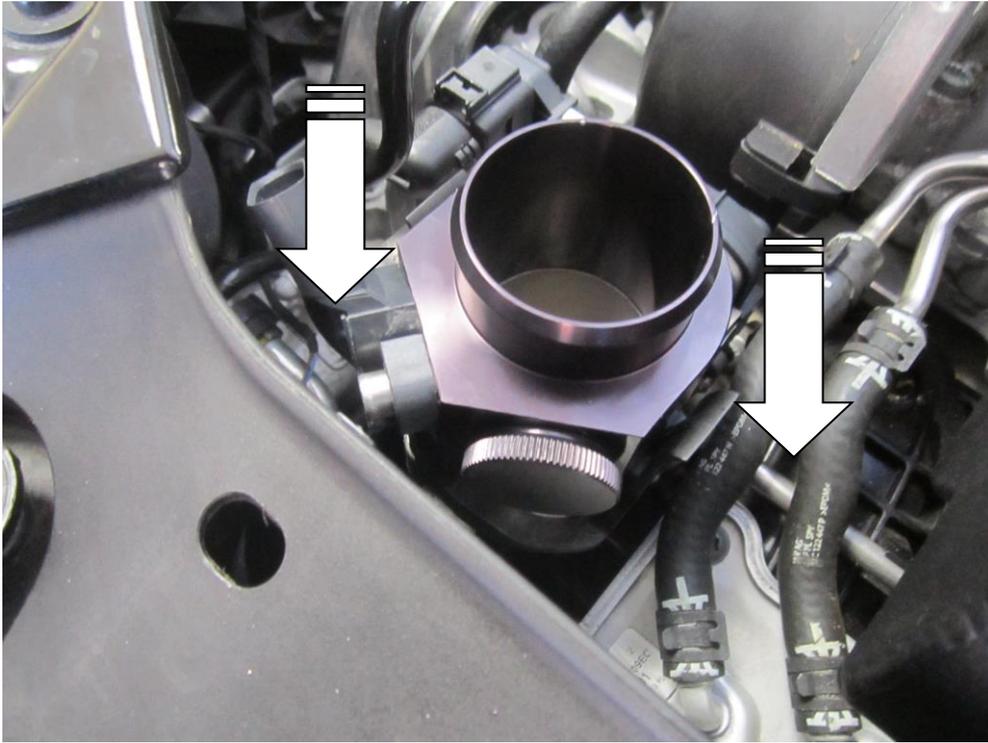
7. Remove the map sensor from the OEM boost pipe by prying the clips outwards and pulling the map sensor away from the housing.



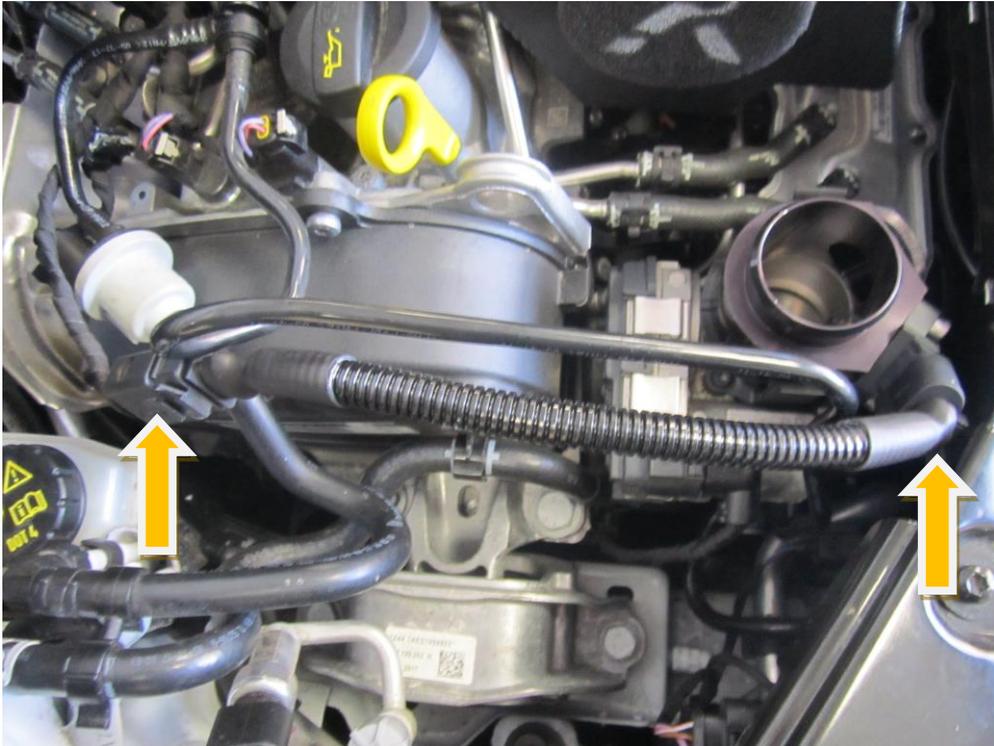
8. Fit the map sensor to the Forge motorsport billet coupler as shown in the picture below. Use the two M6x12 Allen cap fasteners provided to secure the map sensor, the blanking plug simply screws into the coupler in a clockwise direction.



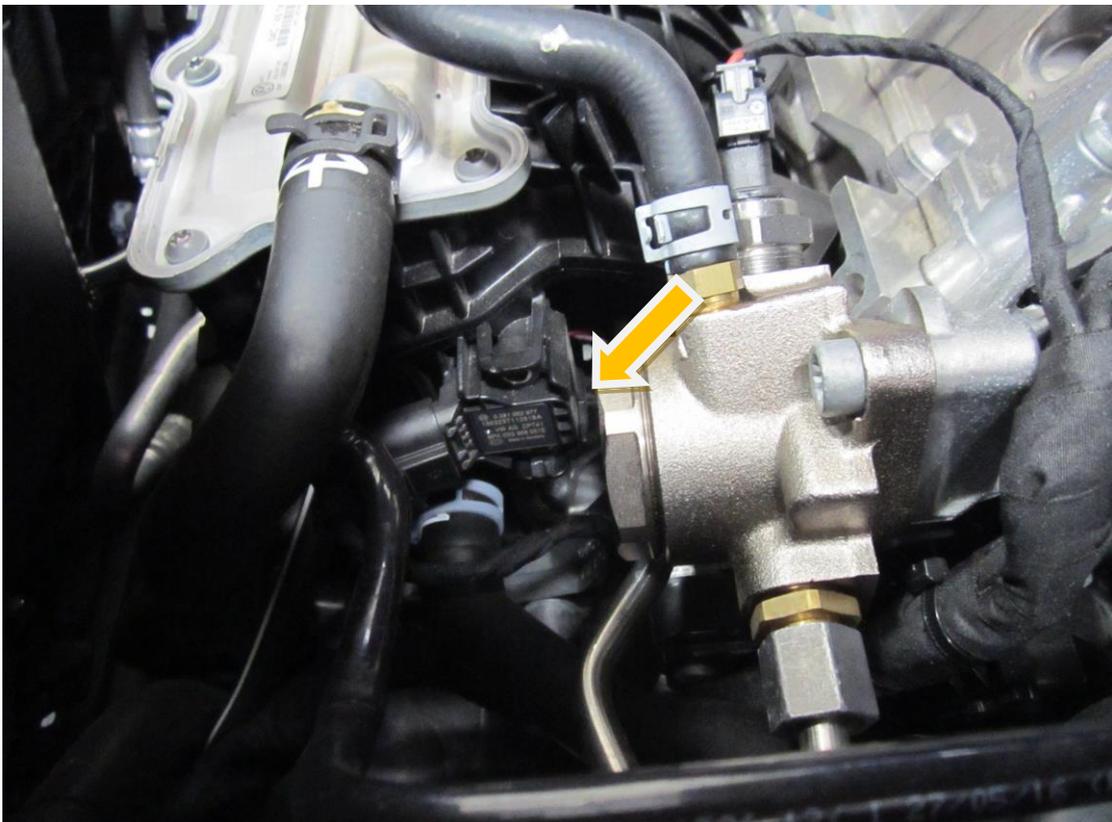
9. Place the Forge Motorsport billet coupler's into position and then push down until you hear a positive click.



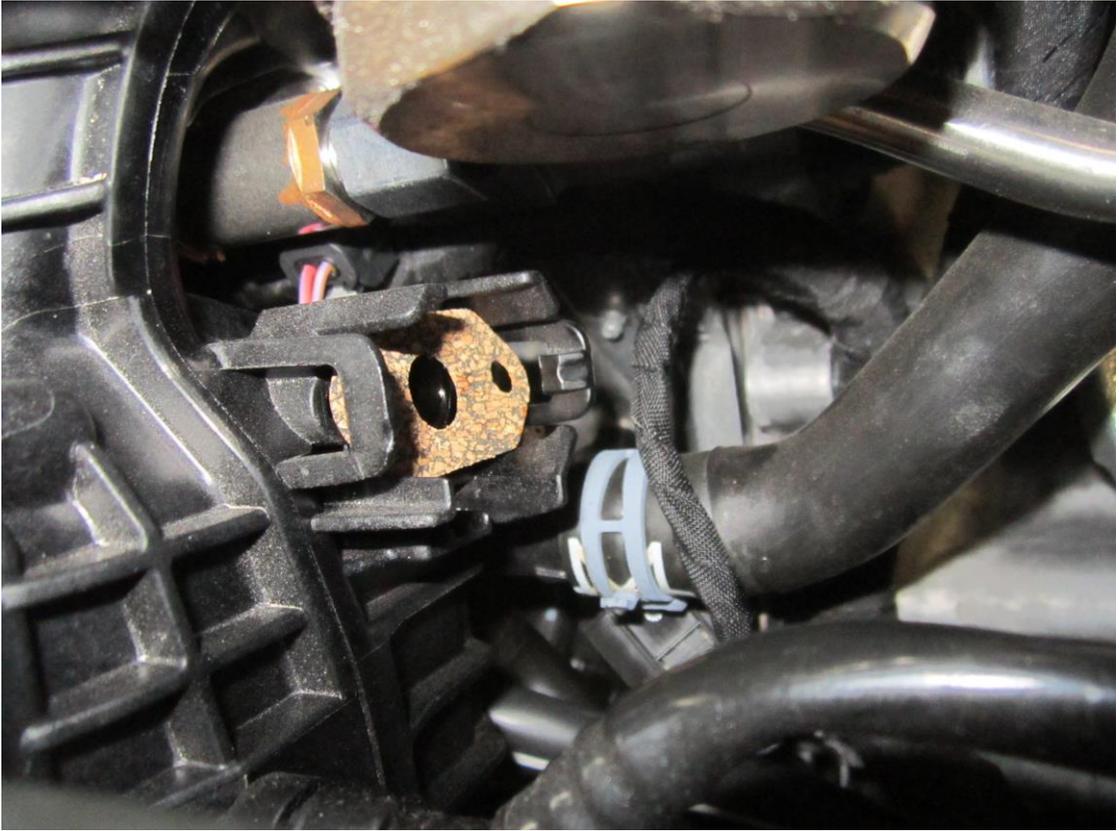
10. Plug in the wiring loom extension between the map sensor and the OEM wiring loom. With the cable ties provided in the kit secure the loom to the OE vacuum pipe, however leave this till step 13 and secure the loom and the Forge vac hose together.



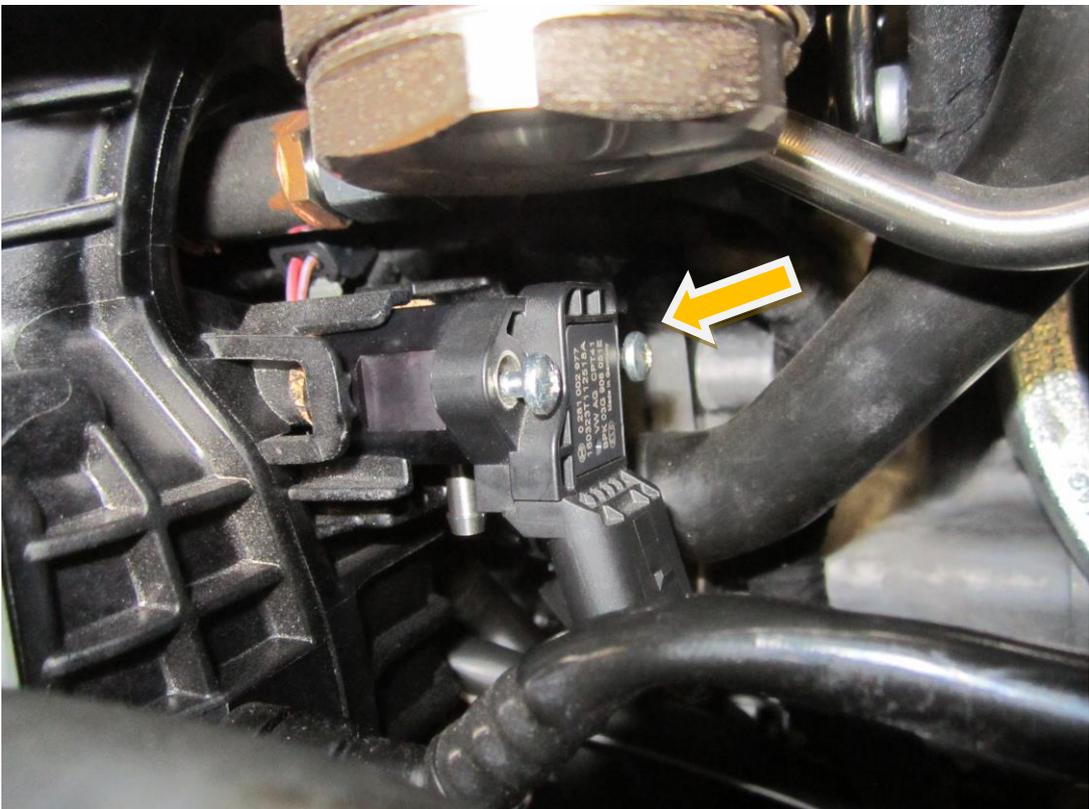
11. As pictured below remove the 2<sup>nd</sup> map sensor from the inlet manifold.



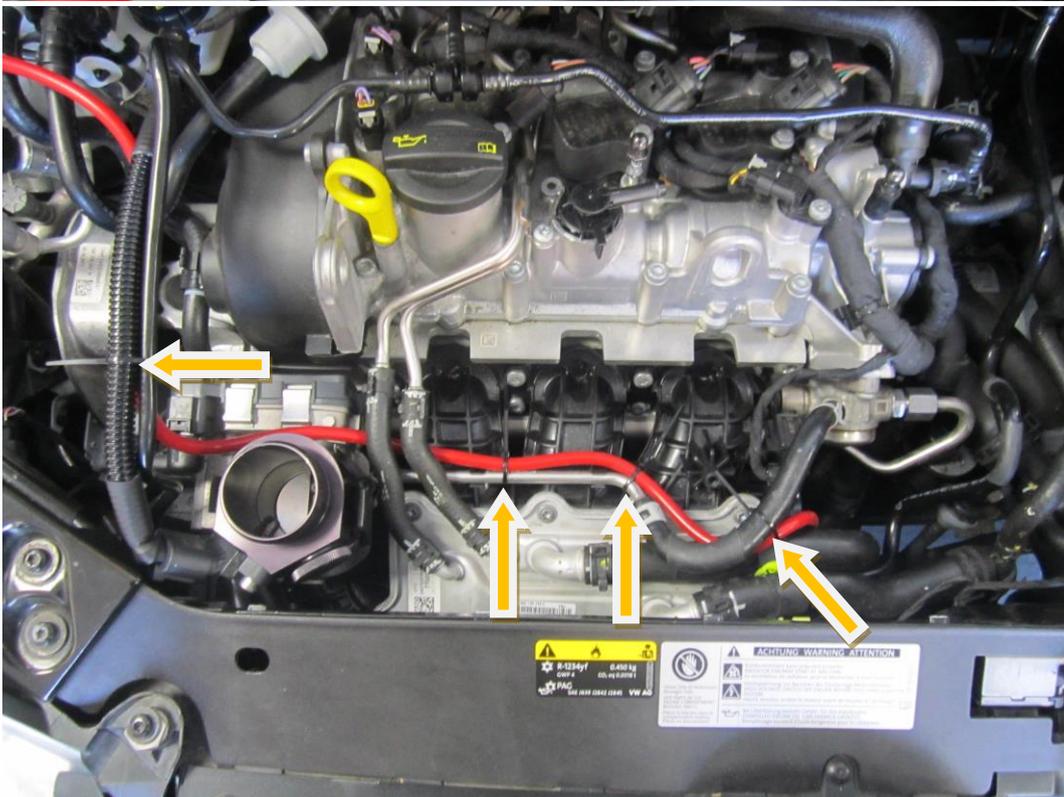
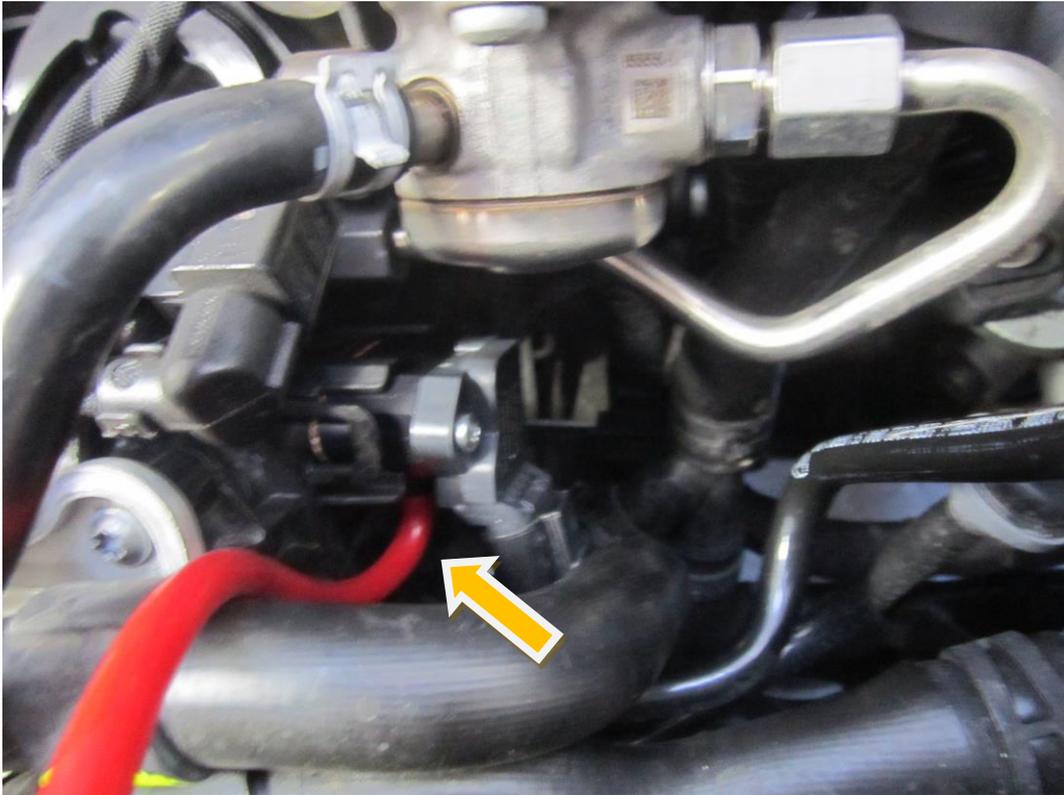
12. Place the cork gasket provided into position.



13. Fit the boost take off and map sensor into position and fasten with the M5x35 or M6X40mm screws provided.



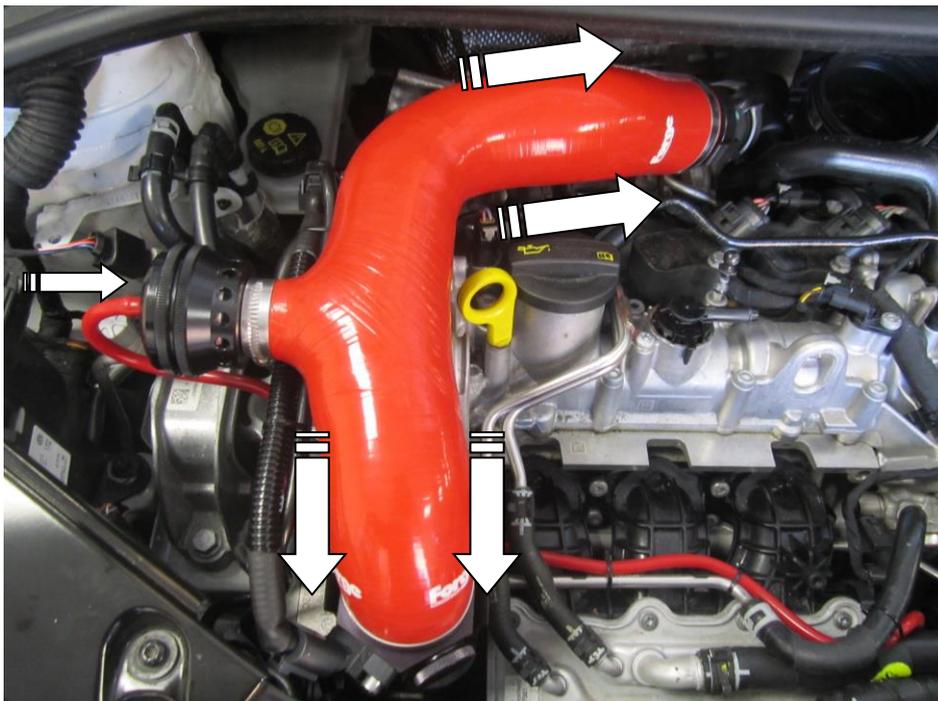
14. Fit the vacuum line from the dump valve to the boost/vacuum take off. Then cable tie the vac hose as shown in the second picture.



15. Prepare the silicone hose as shown in the picture below. Fit the valve to the hose and secure it with the provided hose clamp with the use a 7mm socket and ratchet or a flat blade screw driver. Next, loosely place the two larger hose clamps at each end of the hose ready to secure the intake hose to the Forge motorsport billet couplers.



16. You will now be able to install the hose to the vehicle, simply push the hose onto the Forge motorsport coupler and secure with the hose clamp. Follow the same procedure at other end of the hose. Finally route the vacuum hose to the vac port on the end of the valve, cut off any excess length with a sharp knife then secure it in place with a cable tie provided.



Your installation is now complete, take the vehicle for a test drive and enjoy your new Forge motorsport product.



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As always, with any questions or concerns about this product or anything else, please feel free to contact your local or preferred Forge Motorsport Dealer/ Installer, or you may contact us directly.

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