



FMBP7 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.

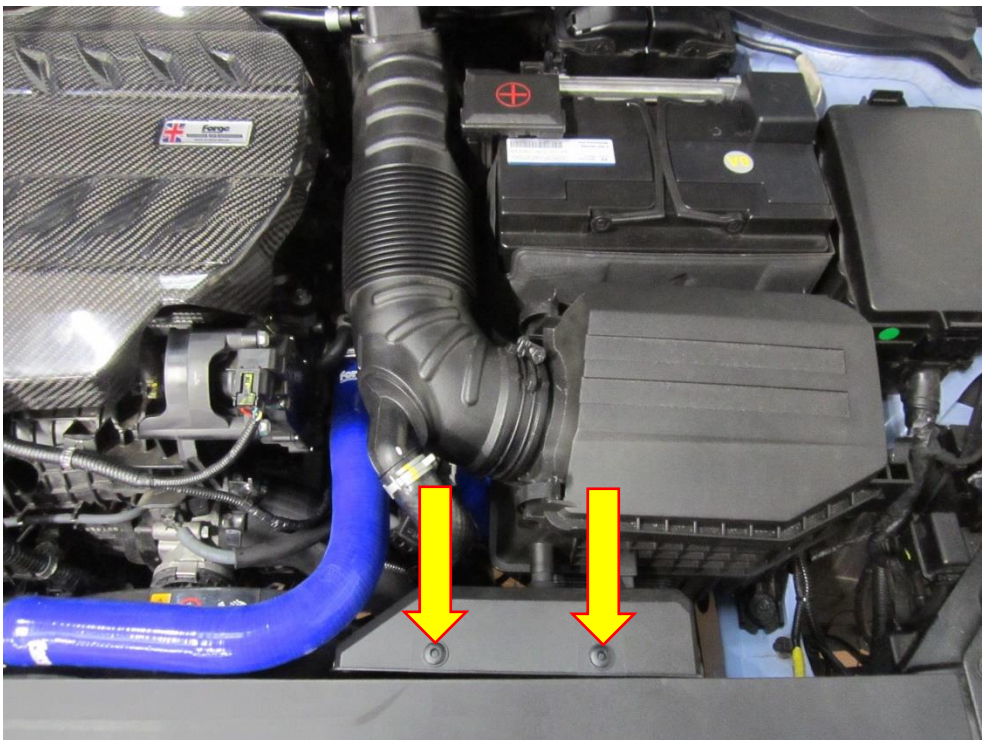
TOOLS NEEDED:

7/8/10mm socket with extension
Flat bladed screwdriver/Trim Removal Tool
Spring Clip Removal tool/Long nose pliers
Side cutters

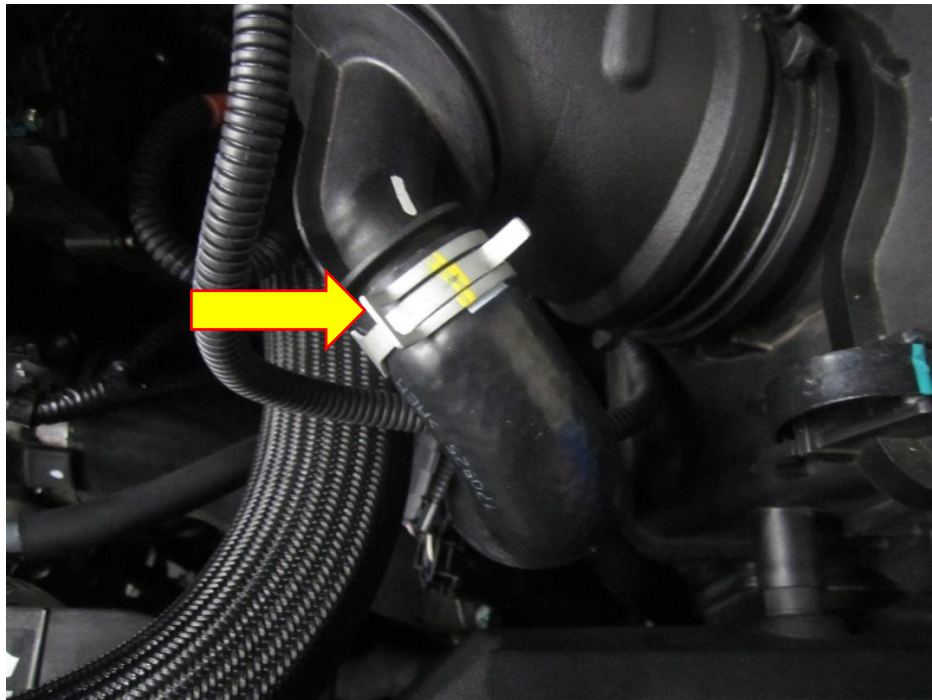
1. With the engine and the ignition switched off, open the bonnet, and locate the air box. Using a 10mm socket and ratchet remove the X 3 M6 fasteners attaching the air box to the vehicle.



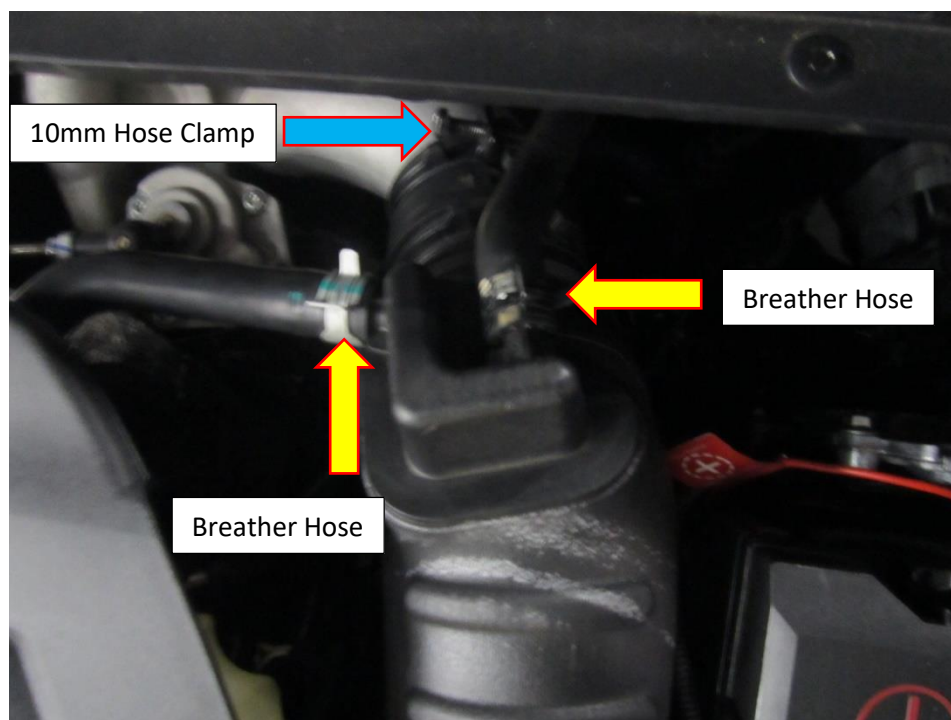
2. Using a flat blade screwdriver/ trim removal tool push the pin in the centre of the fastener inwards, then prise up the fastener to remove it.



3. Using a spring clamp removal tool or long nose pliers compress the spring clip so that you can slide it down the hose and remove the inlet pipe.



4. Using plyers loosen both spring clamps to allow the removal of both breather hoses at the other end of the inlet pipe. Using a 10mm socket and ratchet loosen the hose clamp attaching the inlet pipe and joiner to the turbo elbow, you will now be able to remove the air box and intake pipe together as one part.



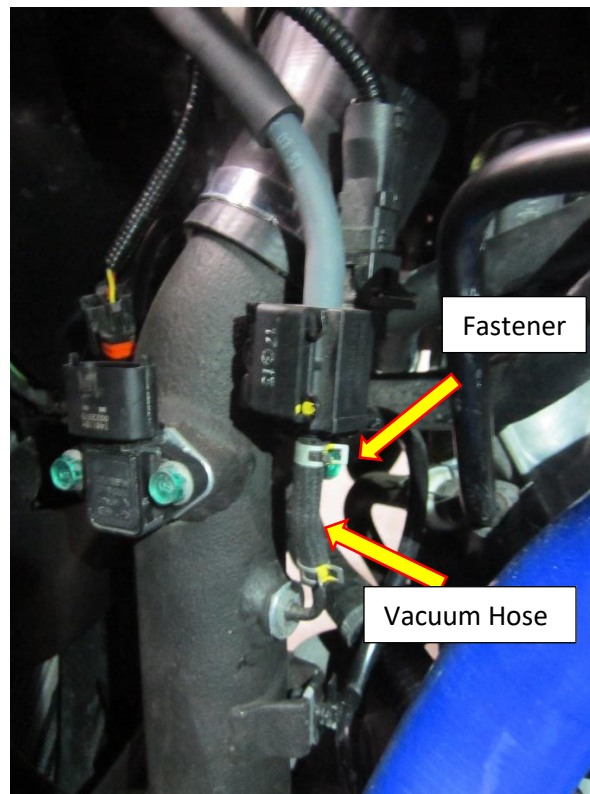
5. Using a 10mm socket and ratchet remove X4 M6 fasteners attaching the dump valve. Disconnect the vacuum hose from the Valve, this is secured by a small spring clip, release this in the same manner as the previous step.



6. Un plug the map sensor by pushing the tab down and pulling the plug away from the sensor.



7. Using long nose pliers loosen the sprung hose clamps securing the small vacuum hose from the solenoid to the boost pipe and remove the pipe completely. Using a 10mm socket and ratchet remove the M6 fastener holding the solenoid to the OE boost pipe.

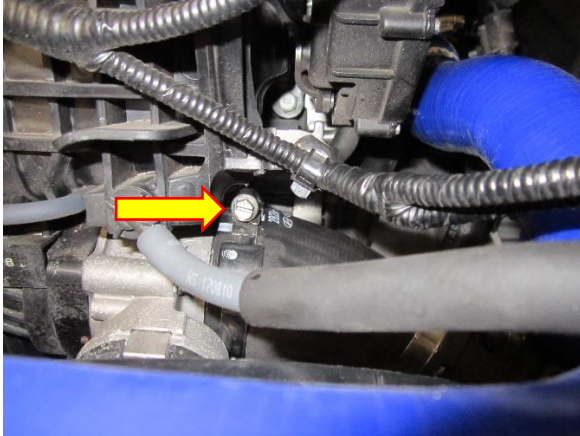


8. Move the solenoid and map sensor loom out of the way to make the removal of the boost pipe easier.



9. Using an 8mm socket and ratchet release both hose clamps attaching the boost pipe to the vehicle, there is one which holds the rubber joiner hose to the throttle body and one which holds the 90 degrees joiner hose to the intercooler. Some clamps may have a cover over the worm drive, this can be removed with pliers.

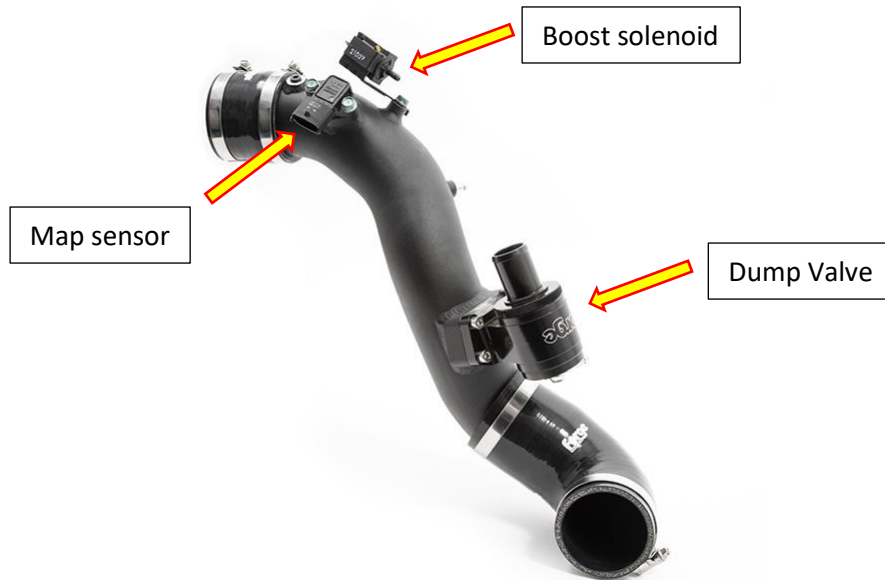
With the hose clamps loose you will now be able to remove the pipe from the vehicle.



10. With the boost pipe out of the vehicle, use a 10mm socket and ratchet to remove the X 2 M6 fasteners attaching the map sensor to the boost pipe.



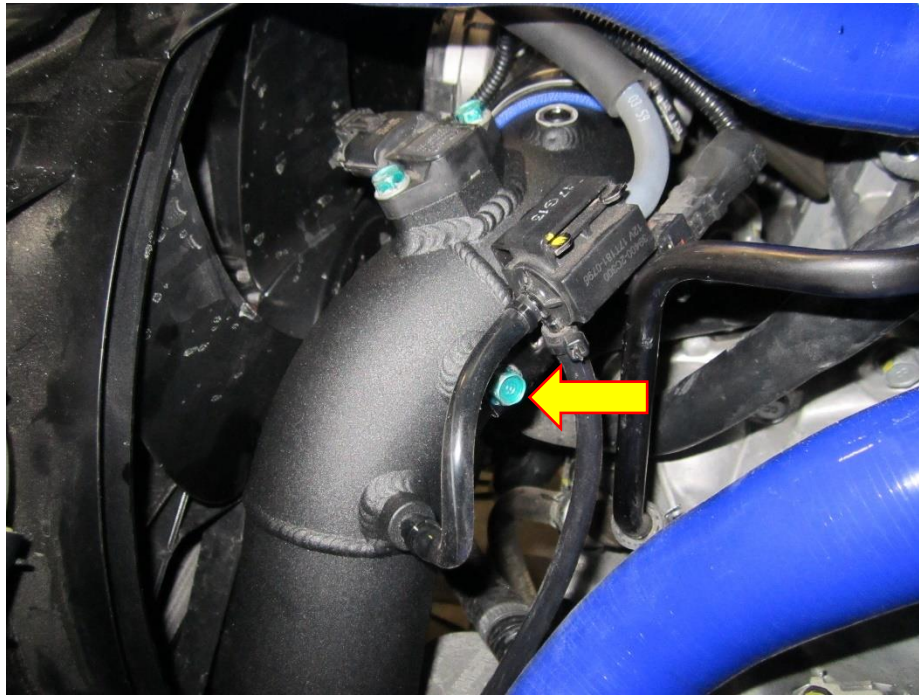
- 11.** Take the FMBP7 hard pipe and attach the two silicon hoses as shown in the picture below, fit the supplied 60-80mm hoses clamps to the silicone hoses but leave them loose at this stage. The picture below shows the location of the map sensor/solenoid and dump valve however we recommend fitting these to the boost pipe once it's installed to the vehicle as shown in the upcoming steps.



- 12.** Fit the FMBP7 into place in the vehicle's engine bay, as shown in the picture below.



13. Mount the solenoid to the FMBP7 hard pipe using the m6 fastener removed earlier. Use the vacuum hose supplied with the kit to replace the original hose as this will be too short to re-use. This needs to be used for the diverter valve vac hose also, Cut the vacuum hose to the required length with the use of side cutters then use the provided small cable ties to secure the vacuum lines in place.



14. Re-fit the diverter valve and connect the vacuum hose, use the large cable tie to secure this vacuum hose to the lower radiator hose. Do not over tighten this as it can pinch the vacuum line. Using a 7mm socket and ratchet tighten up all the hose clamps.



15. Now follow steps 1-4 in reverse to finish the installation.
16. That's the installation of FMBP4 complete, take the vehicle out for a test drive and enjoy the added performance of your new Forge Motorsport product.

