



MINI F56 – HIGH FLOW INTAKE PIPE

INSTALLATION INSTRUCTIONS



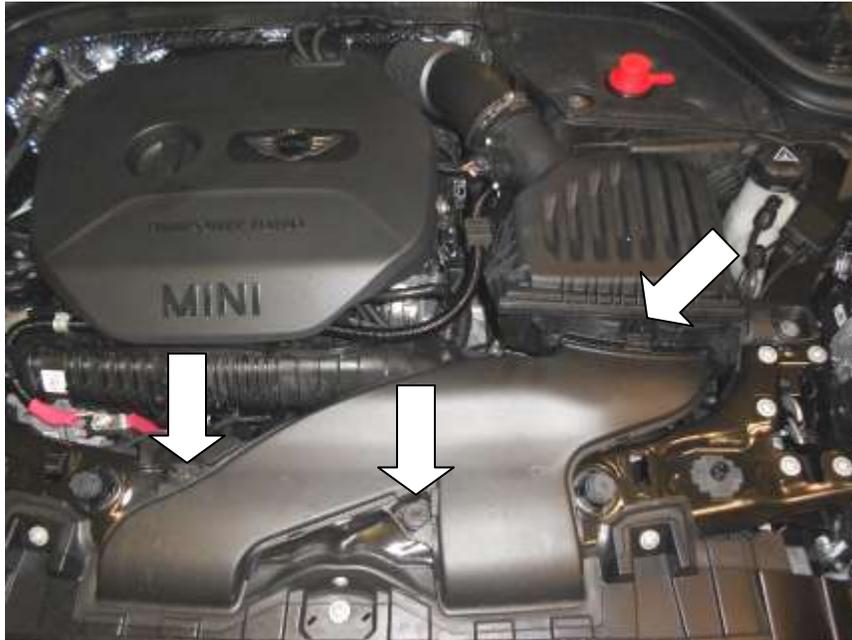
Please thoroughly read through and familiarize yourself with these instructions in their entirety prior to beginning any part of the installation process of any component. Please also ensure the vehicle and engine has cooled down sufficiently to avoid risking possible skin burns or other injury.

Tools Required:

- 10mm socket, extension bar and suitable ratchet.
- 7mm Hose clamp driver or
- Flat blade screwdriver.
- 2mm, 5mm Allen key.
- T20, T25 Torx driver.

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1. Allow your vehicle to cool down fully before starting the installation. Open and secure the bonnet.
2. Using a 10mm socket, extension bar and suitable ratchet undo the 2x nuts. Unclip the intake duct where it meets the airbox and remove it from the vehicle.



3. Carefully disconnect the wiring to the sensor on the intake.

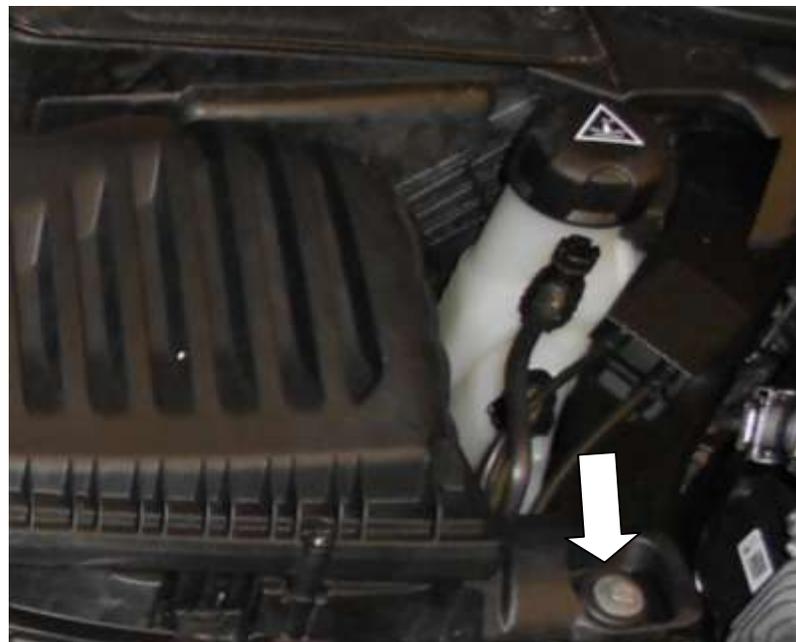


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- Using a 7mm Hose clamp driver or flat blade screwdriver undo the hose clamp.

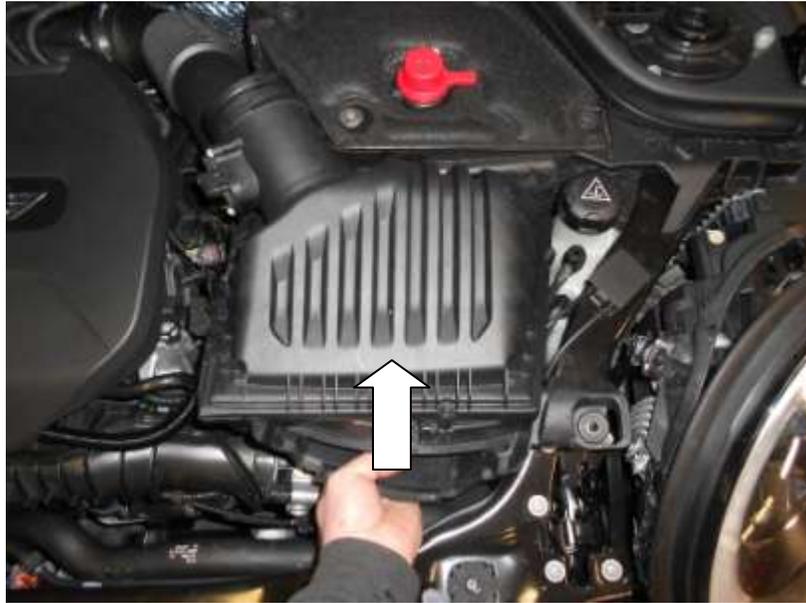


- Using a 10mm socket, extension bar and suitable ratchet undo the bolt on the airbox bracket.



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6. Pull the intake pipe off of airbox pipework and firmly pull the airbox upward to release it.



7. If you are fitting the Forge induction kit at same time, follow steps 28 after installing the intake pipe. **(Forge Mini induction kit is sold separately and is not included as part of the High flow intake pipe kit).**
8. Unclip the vacuum takeoff from the OEM intake pipe.

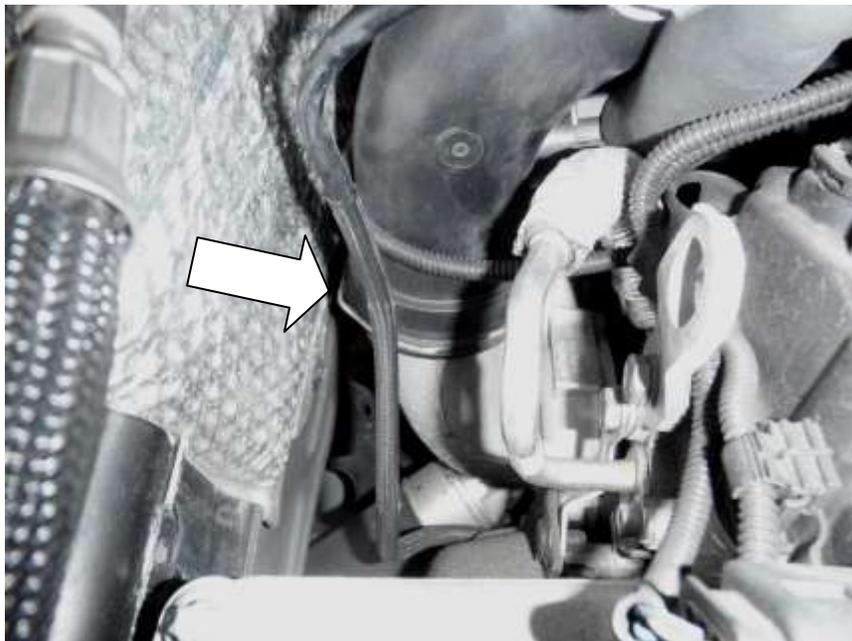


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- Using a T25 Torx driver undo 1x screw.



- Using a flat-blade screwdriver carefully remove the sprung clip on the plastic coupler on intake pipe. **Be very careful not to drop this sprung clip as it very difficult to retrieve it without taking the vehicle under trays off.**



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11. Using a flat-blade screwdriver unclip the wiring cable clip on the back of the plastic intake pipe (shown with the parts removed to illustrate).



12. Carefully pull the intake pipe upwards and pull the coupler off the turbo inlet.
13. Disconnect the wiring to the blowby heater (if fitted to the vehicle).
14. Unplug the blow by heater from the intake pipe and to make removal of the intake pipe easier unplug the breather tube at the cam cover.



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15. Remove the sponge fuel pump cover.



16. Carefully remove the intake pipe. Check that while the pipe is being removed it has not become snagged on any of the wiring behind the engine.

17. Fit the sprung clip removed in step 10 to the alloy coupler on the intake pipe. Ensure the ends of the clip sit in the cutouts on the coupler.



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18. Fit the 70mm P-clip and strap bracket provided loosely to the intake pipe using the 1x M6 x 30mm Allen cap bolt, 2x 6mm washers and 1x Nyloc nut provided, in the area on the pipe shown below. Only tighten the fixings when the pipe is in the correct position and the sprung clip on the coupler has fully engaged.

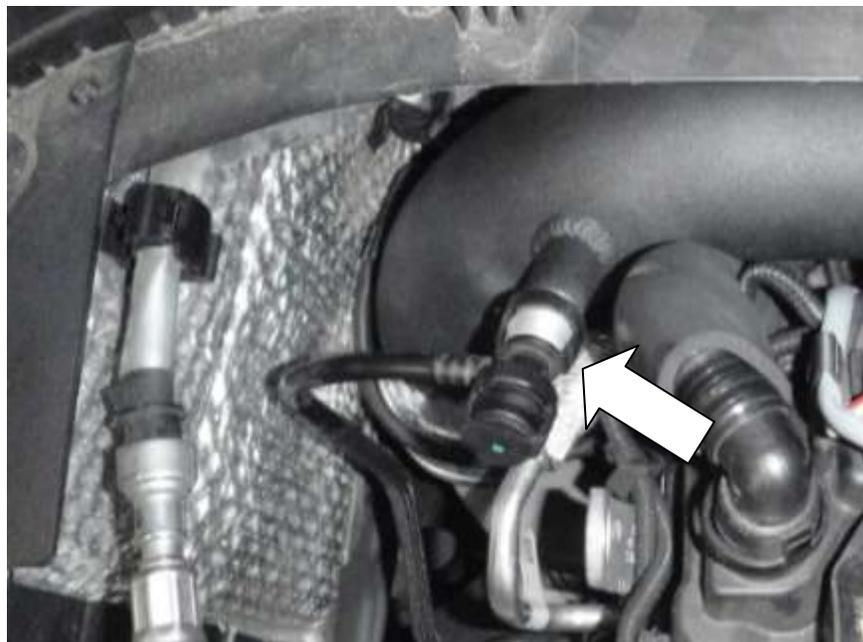


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19. Feed the intake pipe into position and plug-in the blowby heater (if fitted to the vehicle) and reconnect the wiring.



20. Reconnect the vacuum take off.



21. Refit the sponge fuel pump cover.

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22. Secure the P-clip bracket to the cam cover reusing the OEM screw and tighten using a T25 Torx driver.
23. Using a 10mm open ended spanner and 5mm Allen key or driver fully tighten the P-clip bolt.



24. Refit the standard air box and intake scoop.
25. Using the silicone hose provided and some silicone lubricating spray if necessary connect the open end of the intake pipe to the airbox and secure with the 2x hose clamps provided. Reconnect the wiring to the MAF sensor.

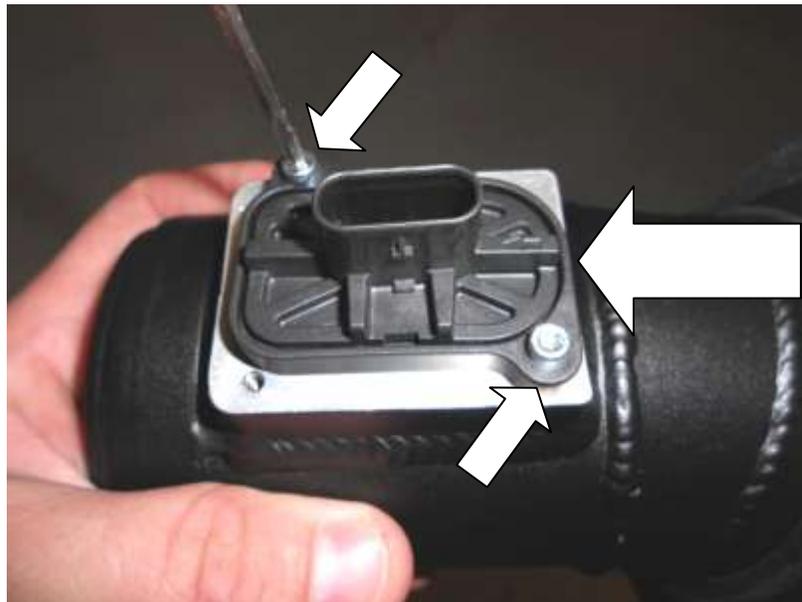


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26. Your high flow intake pipe installation is now complete. If you are fitting the induction kit as well, please continue to step 27.
27. Using a T20 Torx driver undo the 2x screws and carefully remove the MAF sensor. Handle with care.



28. Fit the MAF sensor to your Forge Alloy induction pipe and secure using the 2x M3x12mm Allen cap bolts. The Arrow on the sensor pointing towards the engine.

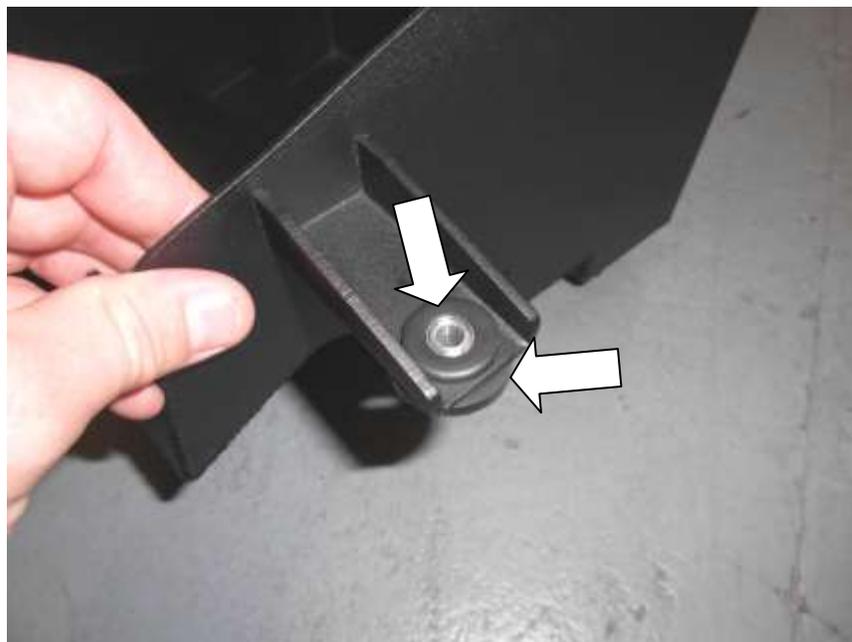


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29. Fit the PiperCross airfilter to the Forge induction pipe and secure with hose clamp supplied.



30. Fit the anti-vibration grommet and dowel to the airfilter tray.

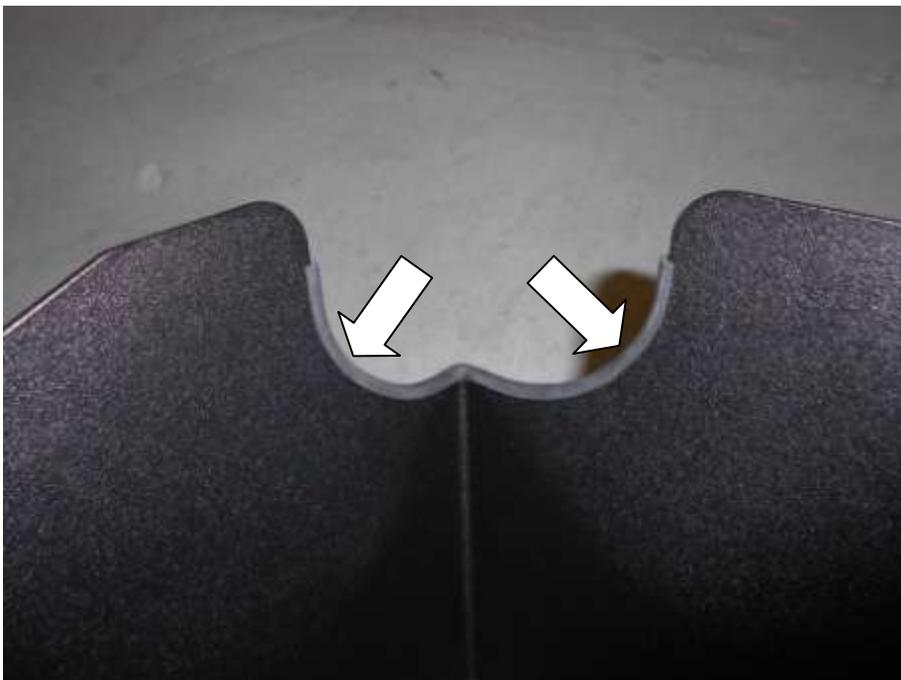


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31. Carefully fit the airfilter tray in position and secure with the M6x20mm Allen bolt and 6mm penny washer.



32. Fit the rubber trim provided to the airfilter tray.

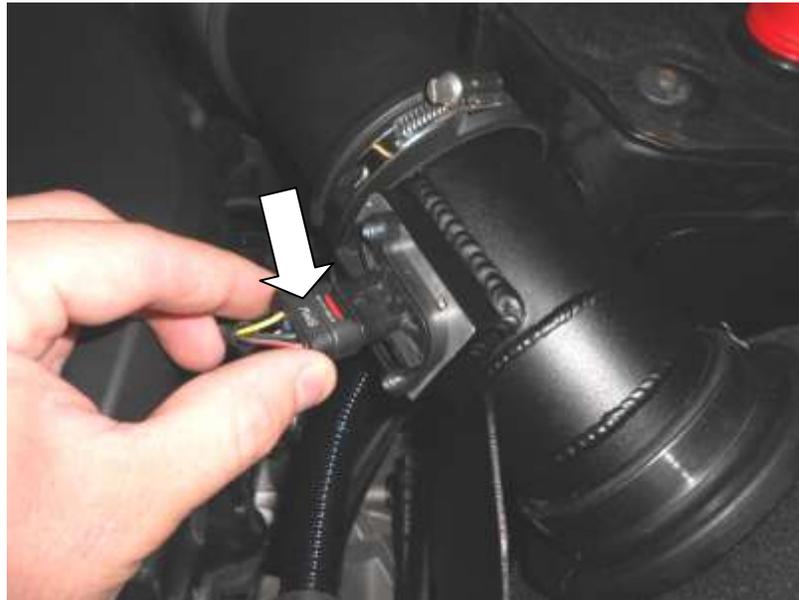


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33. Fit the Forge induction pipe to the open end of the intake pipework. Rotate the alloy pipe until it sits in the correct position. Using a 7mm Hose clamp driver tighten the hose clamp.

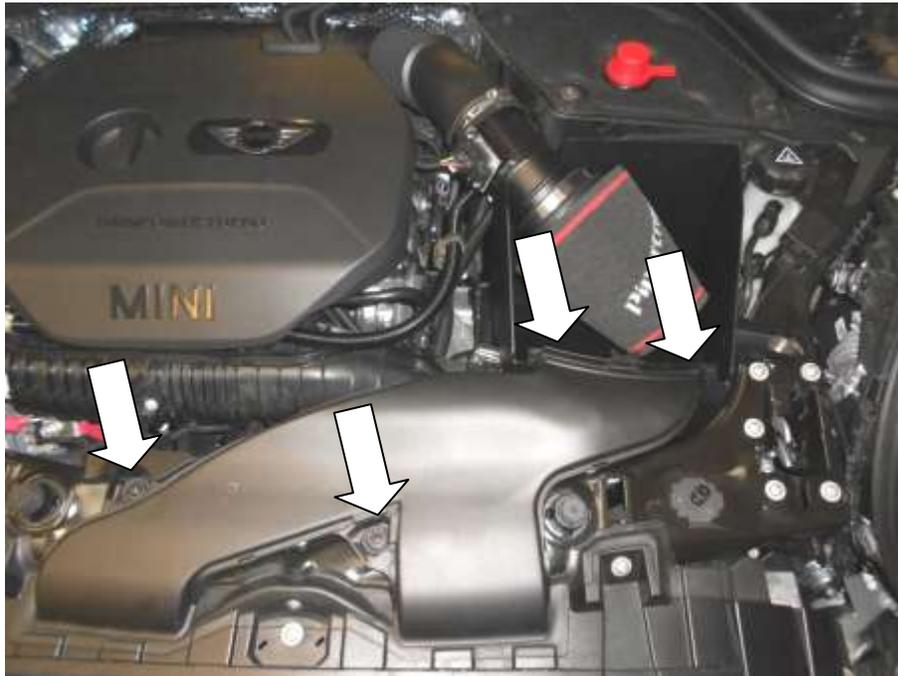


34. Reconnect the wiring to the MAF sensor.



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35. Refit the OEM ducting, using a 10mm socket secure with 2x nuts.



36. Your installation should now be complete. Enjoy Your New Performance!

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