

PARTS LIST

- 1 PC** | SILICONE INTAKE ELBOW
- 1 PC** | PLASTIC INJECTION-MOLDED MAF SENSOR HOUSING
- 1 PC** | HIGH-FLOW, OILED FILTER
- 1 PC** | STEEL AIRBOX
- 3 PC** | WORM GEAR CLAMPS
- MOUNTING HARDWARE

TOOLS NEEDED

- | | |
|-----------------|----------------------|
| 2.5MM ALLEN KEY | 1/4" DRIVE RATCHET |
| 4MM ALLEN KEY | 1/4" DRIVE EXTENSION |
| 10MM SOCKET | FLATHEAD SCREWDRIVER |
| 12MM SOCKET | PANEL TOOL |
| T20 TORX SOCKET | |

INSTALLATION TIME **1 HOUR**

INSTALL DIFFICULTY 

DISCLAIMER

- Raise vehicle only on jack stands or on a vehicle lift.
- Allow vehicle to cool completely prior to attempting installation.
- Do not run the engine or drive the vehicle while overheating; serious damage can occur.
- Please dispose of any liquids properly.
- Mishimoto is not responsible for any vehicle damage or personal injury due to installation errors, misuse, or removal of Mishimoto products.
- Mishimoto suggests that a trained professional install all Mishimoto products.

INSTALLATION INSTRUCTIONS

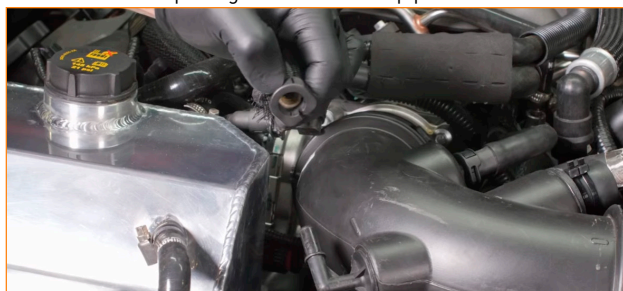
- 01.** Remove the engine cover by lifting directly upward along the front edge. The cover is held in by four pegs and grommets.
- 02.** Compress the clamp that secures the sound-generator hose to the intake pipe and pull the hose off the pipe.



- 03.** If you want to delete your sound generator, loosen the clamp at the other end of the sound-generator hose. Remove the hose by lifting it upward near the clip that secures the hose to the airbox. Follow the sound-generator tube back to the firewall and remove the nut that secures it. Then remove the sound-generator tube and install the provided firewall plug to seal the port. (1x 10mm nut, 1x spring-clamp, 1x worm-gear clamp)



- 04.** Remove the front hose from the intake pipe by depressing the black tab and pulling the hose off the pipe.



- 05.** Remove the rear hose from the intake pipe using the same process.

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- 06.** Remove the crankcase breather hose from the intake pipe. Release this connection by sliding the gray tab over and then pulling on the hose.



- 07.** Loosen the clamp that secures the intake pipe to the throttle body. (1x worm-gear clamp)
- 08.** Loosen the clamp that secures the intake pipe to the airbox. (1x worm-gear clamp)
- 09.** Remove the intake pipe from the vehicle.
- 10.** Disconnect the mass airflow (MAF) sensor and separate the harness from the airbox. To disconnect the sensor, slide the red locking tab out and depress the black tab.



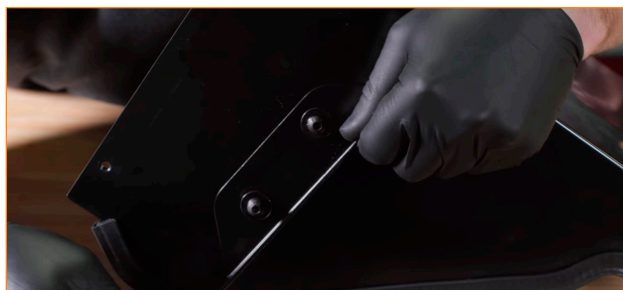
- 11.** Remove the bolt that secures the airbox to the vehicle. (1x 10mm bolt)



- 12.** Remove the stock airbox by lifting it directly upward.
- 13.** Remove the two screws that secure the MAF sensor to the stock airbox. Then remove the sensor from the airbox. (2x T20 Torx screws)
- 14.** Install the MAF sensor to the Mishimoto MAF housing and secure it using the provided. The sensor can be installed only one way. (2x 2.5MM Allen bolts)
- 15.** Locate the mounting bracket and hardware in your kit.

Assemble three of the bolts with a large washer and a lock washer. Attach the mounting peg to the bracket using one of these bolt assemblies. (1x 4MM Allen bolt, 1x large washer, 1x lock washer)

- 16.** Locate the airbox assembly in your kit and attach the mounting bracket using the two remaining bolt setups, but leave the bolts loose for now. (1x 4MM Allen bolts, 1x Large washers, 1x lock washers)



- 17.** If the rubber mounting grommet for the airbox remained on the stock airbox, remove it now. Transfer this grommet to the peg on the Mishimoto airbox.
- 18.** Remove the mounting bushing from the stock airbox. Press the metal collar out of the mounting bushing, and then remove the bushing. Transfer the bushing and collar to the round hole on the Mishimoto airbox bracket.
- 19.** Locate the large bolt included with your kit. Loosely install this bolt to the threaded hole on the frame rail behind the driver's side headlight. The airbox will be lowered onto this bolt, so just get it started for now. (1x 12mm bolt)



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20. Install the Mishimoto airbox. The notch on the bottom of the airbox will slip over the bolt you just installed. Lower the airbox into place and slip the front section under the radiator support. This is a tight fit, so you may need to reach in and move the inlet air duct out of the way. Once the airbox is fully seated under the radiator support, lower the notch down over the bolt in the frame. Push the airbox mounting peg down until it engages the hole in the fender. Tighten the bolt that secures the airbox to the frame rail, then go back and tighten the bolts that secure the bracket to the airbox.



21. Secure the airbox mounting bracket with the original bolt. (1x 10mm bolt)

22. Lower the air filter into the airbox and align the outlet of the air filter with the hole in the airbox. Identify the front of the Mishimoto MAF housing by the lip on the air filter end, and push this end through the airbox, into the filter. Insert the MAF housing as far as it will go to make installing the intake hose easy. We will come back to adjust everything later.



23. Lead the MAF wiring around the corner of the airbox and secure it with the integrated tree-clip.

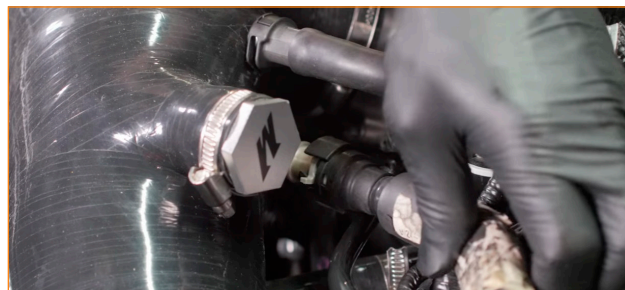


24. Locate the intake hose and remaining hardware in your kit. If you choose to retain your sound generator, you will install the barbed port. If you choose to delete the sound generator, you will install the Mishimoto branded plug. Secure the port or plug with the provided worm-gear clamp. (1x plug or port, 1x small worm-gear clamp)



25. Install the remaining worm-gear clamps to the induction hose. These clamps are different sizes, so make sure the smaller clamp is installed over the throttle body end of the induction hose. (2x worm-gear clamps)

26. Install the induction hose over the MAF housing first, then the throttle body. Reinstall the three emissions hoses to the induction hose by pushing them down over the ports until they click into place. If you have a 2017 or newer Mustang, install the included rubber cap over the extra port on the intake.



27. Rotate the MAF housing so that the sensor faces forward, then connect the wiring harness and lock the connector with the red tab.

28. Secure the induction hose to the MAF housing with the worm-gear clamp you installed earlier.

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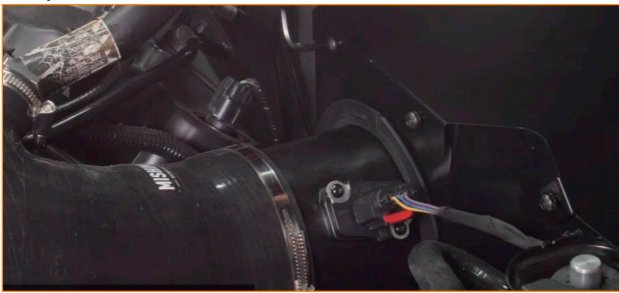
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- 29. Tighten the clamp that secures the induction hose to the throttle body.
- 30. Check to make sure the air filter is over the lip of the MAF housing and secure it with the pre installed worm-gear clamp.
- 31. Locate the remaining hardware in your kit and install the small plastic washers over the bolts. (5x 4mm bolts, 5x plastic washers)
- 32. Install the airbox lid and secure it with the five bolts you just assembled.



- 33. Reinstall the engine cover.

Congrats! You just finished installing the 2015–2017 Mustang GT Air Intake.

