

2016+ CHEVY CAMARO 2.0T PERFORMANCE AIR INTAKE PARTS LIST AND INSTALLATION GUIDE



PARTS INCLUDED

- 1PC | SILICONE INTAKE ELBOW
- 1PC | PLASTIC INJECTION MOLDED MAF SENSOR HOUSING
- 1PC | HIGH-FLOW, OILED FILTER
- 1PC | STEEL AIRBOX
- 2PC | WORM GEAR CLAMPS
- 1PC | CCV DISCONNECT TOOLS
- MOUNTING HARDWARE

TOOLS NEEDED

- | | |
|--------------------|---|
| 2.5MM ALLEN KEY | 1/4" DRIVER |
| 4MM ALLEN KEY | 1/4" DRIVE EXTENSION |
| T20 TORX | FLATHEAD SCREWDRIVER |
| 1/4" DRIVE RATCHET | CCV DISCONNECT TOOLS
(INCLUDED WITH KIT) |

INSTALL TIME **30 MINUTES**

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.

INSTALL PROCEDURE

01. Organize the hardware in your kit. The longer bolts and larger washers will be used to secure the mounting pegs to the brackets. The shorter bolts and smaller washers will be used to secure the brackets to the airbox. The remaining bolts and plastic washers will be used to attach the lid to the airbox.



02. Locate the bracket in your kit that has a small tab. Install this bracket to the airbox so that the tab slides into the slot on the airbox. Then secure the bracket with one of the short Allen bolts, a lock washer, and one of the small flat washers. (1x short 4mm Allen bolt, 1x lock washer, 1x small flat washer)



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03. Install a lock washer and large flat washer over one of the long Allen bolts. Install one of the mounting pegs to the bottom of the bracket you just installed, and secure it with the bolt you just assembled. Leave the bolt slightly loose to allow for adjustment. (1x long 4mm Allen bolt, 1x lock washer, 1x large flat washer)



04. Locate the small bracket in your kit, and install a mounting peg to the slotted hole in the bracket. Leave it slightly loose to allow for adjustment. (1x long 4mm Allen bolt, 1x lock washer, 1x large flat washer)



05. Install a lock washer and small washer over one of the short Allen bolts. Then install the small bracket to the inside of the airbox as shown here. Leave the bolt slightly loose for now. (1x short 4mm Allen bolt, 1x lock washer, 1x small flat washer)



06. Install the last mounting peg to the bracket with the M cutout using a long bolt, lock washer, and large flat washer. Then install the bracket to the airbox with a pair of short bolts, lock washers, and small flat washers. Tighten the bracket mounting bolts completely. (1x long Allen bolt, 1x large washer, 2x short Allen bolt, 2x small flat washer, 3x lock washers)



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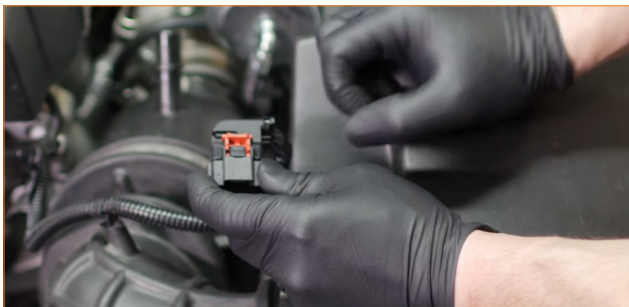
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- 07.** Disconnect the CCV hose from the intake tube. If you have an early model Camaro, simply slide the lock tab on the fitting aside and pull the hose off the port. If you have a newer Camaro, this fitting must be disconnected using the provided tools. Locate the hose disconnect tools in your kit. These will be used to depress the internal locking tabs of the CCV hose where it attaches to the intake. The locking tabs are located directly between the two dimples near the edge of the connector. The two tabs on each connector must be depressed simultaneously to remove the hose.



- 08.** Disconnect the electrical harness from the mass airflow (MAF) sensor, and separate the harness from the intake tube. To release this connector, slide the red locking tab up, and then depress the black tab.



- 09.** Loosen the clamp that secures the intake tube to the turbocharger inlet, and disconnect the intake tube. (1x worm gear clamp)
- 10.** Remove the intake assembly from the vehicle. Grasp the airbox near the mounting pegs, and lift it directly upward to unseat the airbox from the mounting grommets. There are three grommets that hold the airbox in place.
- 11.** Remove the two screws that secure the MAF sensor to the airbox. Then remove the sensor from the airbox, and install it to the Mishimoto MAF housing using the included hardware. The MAF can be installed only one way. Do not use the stock hardware to secure the MAF in the Mishimoto housing. (2x T20 screws, 2x 2.5mm Allen bolts)



- 12.** If any of the airbox mounting grommets remained on the stock airbox, remove them and reinstall the grommets on the vehicle.
- 13.** Lower the Mishimoto airbox into place. Align the pegs on the airbox with the mounting grommets on the vehicle, and push down to engage them. Now tighten the bolts that secure the mounting pegs to the brackets and the bolts that secure the brackets to the airbox.



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14. Lower the included air filter into place. Pass the barbed end of the MAF housing through the airbox and into the air filter.



15. Install the CNC-machined fitting to the port on the Mishimoto induction hose, and secure it with the small worm gear clamp provided with the kit. Then slip the remaining worm gear clamps over each end of the induction hose. [3x worm gear clamps]



16. Install the Mishimoto induction hose to the MAF housing and the turbocharger inlet. Turn the MAF housing until the sensor is pointed upward, and ensure that the housing is pressed against the airbox seal. Adjust the hose clamps until they sit over the bead roll of the connection, and then tighten them to secure the hose. Then reconnect the MAF sensor.



17. Check to make sure the air filter is fully engaged over the barbed end of the MAF housing, and tighten the clamp to secure it. Then give the filter a tug to make sure it is properly installed.
18. Reconnect the CCV hose to the induction hose. Simply push it on until it clicks.
19. Install the airbox lid, and secure it with the provided Allen bolts and plastic washers. [4x 4mm Allen bolts, 4x plastic washers]



**Congrats! You just finished installing
the 2016+ Chevy Camaro 2.0T
Performance Air Intake.**