

# 2016 CAMARO SS AIR INTAKE

## PARTS LIST AND INSTALLATION GUIDE



### PARTS LIST

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

MOUNTING HARDWARE

### TOOLS NEEDED

- |                 |                        |
|-----------------|------------------------|
| 2.5MM ALLEN KEY | 1/4" DRIVER OR RATCHET |
| 4MM ALLEN KEY   | FLATHEAD SCREWDRIVER   |
| T20 TORX SOCKET | NEEDLENOSE PLIERS      |

**INSTALLATION TIME** **.5 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.

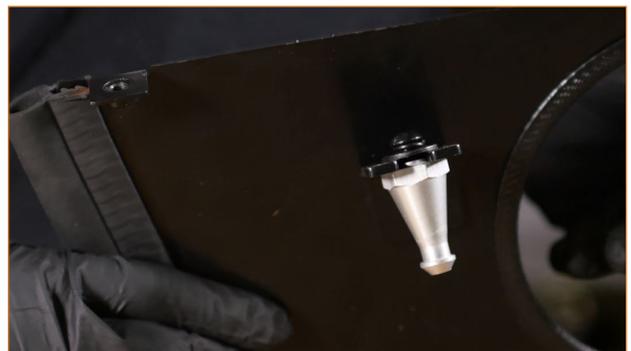
### INSTALLATION INSTRUCTIONS

- 01.** Locate the three long Allen bolts in your kit and set them aside. These bolts will be used to install the mounting pegs. To prep the mounting pegs, install a lock washer and large washer over each bolt, and thread the bolts into the mounting pegs. Just get the bolts started for now; do not fully tighten them. (3x 4mm Allen bolts, 3x lock washers, 3x large washers)



- 02.** Locate the mounting bracket with the threaded insert. Using one of the short Allen bolts and a small washer from your kit, attach the bracket to the mounting hole next to the large circular hole in the airbox. Install this bracket on the inside of the airbox, but do not fully tighten the bolt yet. (1x 4mm Allen bolt, 1x small washer)

- 03.** Install one of the prepared mounting pegs to the bracket you just installed. Make sure the boss on the mounting peg is inside the fingers of the bracket. Then snug down the bolt, but do not fully tighten it.



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- 04.** Note the two slots cut into the airbox. These slots are different sizes so that they match up with the appropriate mounting brackets.



- 05.** Locate the bracket with the larger locating tab, and secure it to the outside of the airbox with the provided bolt and washer. (1x 4mm Allen bolt, 1x small washer)



- 06.** Install one of the prepared mounting pegs to the bracket you just installed. Make sure the boss on the mounting peg is inside the fingers of the bracket. Then snug down the bolt, but do not fully tighten it.

- 07.** Locate the bracket with the smaller locating tab, and secure it to the outside of the airbox with the provided bolt and washer. (1x 4mm Allen bolt, 1x small washer)

- 08.** Install the last of the prepared mounting pegs to the bracket you just installed. Make sure the boss on the mounting peg is inside the fingers of the bracket. Then snug down the bolt, but do not fully tighten it.



- 09.** Compress the spring clamp that secures the sound generator tube to the induction hose, and pull the sound generator tube off the port. The plastic elbow will remain in the induction hose.



- 10.** Loosen the worm-gear clamp that secures the induction hose to the throttle body. Then pull the induction hose off the throttle body.



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- 11.** Disconnect the CCV hose from the induction hose. Depress the gray tab that protrudes from the connector, and pull the hose off the port.



- 12.** Loosen the worm-gear clamp that secures the induction hose to the stock airbox. Then remove the induction hose from the vehicle.



- 13.** Disconnect the mass airflow (MAF) sensor. Unlock the connector by sliding the red lock tab out of the connector, then depress the black tab and slide the connector off the sensor.



- 14.** Remove the stock airbox by lifting it directly upward. The airbox is secured to the vehicle with three pegs and grommets.

- 15.** Remove the two Torx screws that secure the MAF to the stock airbox. Then slide the MAF out of the airbox to remove it. (2x T20 Torx screws)



- 16.** Install the MAF into the Mishimoto MAF housing, and secure it with the two provided Allen bolts. Do not reuse the original hardware. (2x 2.5mm Allen bolts)

- 17.** Lower the Mishimoto airbox into place. Rotate the airbox as you lower it so that the protrusion on the front edge of the airbox clears the body. Align the mounting pegs with the grommets, and push the airbox down to engage them.

- 18.** Now go back and tighten all the bolts for the mounting pegs. Then tighten the bolt that secures the forwardmost mounting bracket to the airbox.

- 19.** Locate the two large worm-gear clamps in your kit, and slip them over the ends of the Mishimoto induction hose. Then slide the MAF housing into the larger end of the induction hose. Push the MAF housing into the hose until the sensor flange contacts the induction hose. (2x worm-gear clamps)

- 20.** Lower the Mishimoto induction hose into place, and insert the MAF housing into the airbox. Then slip the induction hose over the throttle body, and secure it with the worm-gear clamp you installed earlier.

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21. Slide the MAF housing into the airbox until the ridge on the MAF housing is flush with the airbox. Then install the air filter, and secure it to the MAF housing with the integrated hose clamp.



22. Connect the electrical harness to the MAF sensor, and secure it with the red lock tab. Adjust the MAF housing to ensure that the harness is not under tension. Secure the induction hose to the MAF housing with the worm-gear clamp that you installed earlier.
23. Connect the CCV hose to the induction hose. Depress the gray tab on the connector, and slip it over the port on the induction hose. Then give the CCV hose a tug to make sure it is properly connected.

24. Slip the last worm-gear clamp over the sound generator port on the induction hose, and insert the provided plastic elbow. Compress the clamp on the sound generator hose, and install the hose over the other side of the plastic elbow. Then secure the elbow to the induction hose with the worm-gear clamp you installed earlier. (1x worm-gear clamp)

25. Install the airbox lid and secure it with the three provided Allen bolts and washers. (3x 4mm Allen bolts, 3x washers)



**Congrats! You just finished installing the 2016 Camaro SS Air Intake.**

