

2016+ CAMARO SS BAFFLED CATCH CAN PARTS LIST AND INSTALLATION GUIDE



PARTS LIST

- 1 PC | APPLICATION-SPECIFIC MOUNTING BRACKET
- 1 PC | BLACK, ANODIZED 6061 ALUMINUM CATCH CAN
- 2 PC | DIRECT-FIT SILICONE HOSES WITH PRE-ATTACHED QUICK DISCONNECT FITTINGS
- 2 PC | PLASTIC BARBED FITTINGS
- 2 PC | WORM-GEAR CLAMPS
- 1 PC | AIR DIVERTER
- 1 PC | INTERNAL BAFFLE & ROD
- 1 PC | 3/8" NPT PLUG
- 1 PC | LARGE O-RING
- MOUNTING HARDWARE

TOOLS NEEDED

- | | |
|----------------------|-------------------------|
| FLATHEAD SCREWDRIVER | 10MM DEEP SOCKET |
| PANEL TOOL | 13MM DEEP SOCKET |
| 2.5MM ALLEN KEY | 3/8" DRIVE RATCHET |
| 11/16" WRENCH | 3/8" DRIVE 6" EXTENSION |

INSTALLATION TIME UNDER .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

NOTE: Complete removal of the engine cover is not required to install the PCV hoses; however, this is a quick step that makes it easier to access the hose connections.

01. Unclip the locking tabs on the clamps that secure the fuel line to the central engine cover, and lift the fuel line out of the clamps.
02. Remove the black "Camaro" covers by lifting from the edges. These covers are secured by two grommets and two tabs that slip into the valve covers.
03. Unscrew and remove the four posts that secure the central engine cover. (4x 10mm studs)
04. Disconnect the sensor located on the driver side of the central engine cover by depressing the locking tab and sliding the connector apart.



05. At this point, you can access the PCV hoses by lifting the cover upward. If you find that access is still too tight, remove the central engine cover completely. To do this, disengage the eight integrated tree-clips that secure the wiring harness to the central engine cover. Then lift the cover out of the way.

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06. Disconnect the PCV hose from the engine by depressing the gray tab on the hose connector and pulling the hose straight off the port. Two locking connectors secure this hose, one at either end. Remove the PCV hose from the engine bay.



07. Install the fittings onto the catch can. Both fittings are identical. Do not overtighten; simply snug the fittings with an 11/16" wrench. (2x hose fittings)
08. Install the catch can bracket onto the catch can. Mount the bracket so that the flange with the large bolt holes is lower than the top of the catch can. (2x 2.5mm bolts and washers)
09. Loosen the 10mm bolt that secures the strut tower brace to the firewall of the vehicle. This will allow the strut brace to move, making it easier to align the bolts for installation.
10. Remove the two bolts that attach the strut tower brace to the strut tower on the driver side. (2x 13mm bolts)
11. Lower the catch can into place, and install it using the two bolts you just removed. (2x 13mm bolts)
12. Tighten the 10mm bolt that secures the strut tower brace to the firewall of the vehicle.
13. Locate the silicone hose with the 90-degree bend on the clamp end (the end without a quick-disconnect fitting). Route this hose underneath the crankcase breather hose and engine wiring harness. Then press the fitting end onto the port on the throttle body. You will hear a click when it is engaged. Attach the clamp end of this hose to the port marked OUT on the catch can. (1x worm-gear clamp)

14. Locate the hose with the 45-degree bend on the clamp end. Route this hose underneath the crankcase breather hose and engine wiring harness. Then press the fitting end onto the port on the engine (below the throttle body). You will hear a click when it is engaged. Attach the clamp end of this hose to the port marked IN on the catch can. (1x worm-gear clamp)



15. Position the clamps so that they will engage the barbs on the fittings. Tighten the clamps.
16. Align the catch can in the bracket so that the hoses flow smoothly, and tighten the Allen bolts that secure the catch can to the bracket.
17. Install the central engine cover, and secure it with the four posts. (4x 10mm studs)
18. Install the eight tree-clips that secure the wiring harness to the engine cover. (8x tree-clips)
19. Reconnect the electrical harness to the sensor on the driver side of the central engine cover.
20. Reinstall the outer engine covers by aligning the tabs with the valve cover and pushing the grommets down over the posts.
21. Push the fuel line down into the clamps on the central valve cover, and engage the locking tabs.

Congrats! You just finished installing the 2016 Camaro SS Baffled Catch Can.