



STEEDA®

2015+ S550 Mustang GT

Open Cold Air Intake

Instructions for PN#555-3228

*****WARNING*** Using this kit without a tune can cause serious damage to your engine. Steeda will not be held responsible or liable for use without a tune.**

If installing on a MY2015-2017 S550 Mustang, skip to step 4 and take note of the differences in other steps.

Removal of the factory air intake system

1. Using a 15mm deep well socket and a 3/8" drive ratchet, remove the factory strut tower brace shown in Figure 1.
2. Remove the caps on the engine cover indicated in Figure 1 using a flat head screwdriver.
3. Using a 10mm deep well socket, extension, and 1/4" drive ratchet, remove the nuts holding the engine cover in place.
4. Gently remove the engine cover by pulling up.
5. Disconnect all of the factory hoses for the sound tube and PCV system connected to the factory intake tube. See Figure 2 for reference.

NOTE: MY2018+ system will have one less connection.

6. Disconnect the plug for the mass air flow sensor by sliding the locking tab out and then depressing it while simultaneously pulling the plug.
7. Pull the clip securing the harness for the mass air flow sensor to the factory intake lid.
8. Using a 7mm deep well socket, extension, and 1/4" drive ratchet, loosen the hose clamp connecting the factory intake tube to the throttle body.
9. Remove the mass air flow sensor from the factory intake lid using a T20 Torx tool.

NOTE: Carefully handle the mass air flow sensor.

10. Using a 10mm socket, extension, and 1/4" drive ratchet, remove the bolt securing the factory airbox assembly to the chassis as indicated in Figure 3.
11. Remove the factory airbox assembly.



Figure 1: Factory engine bay



Figure 2: Hoses connected to factory intake tube



Figure 3: Factory air box

MY2018+ Mustang owners can skip to step 15 as the inlet duct resonator is removed from the factory.

Assembly of the Steeda Cold Air Induction Kit

12. Remove the factory inlet duct from the airbox assembly.
13. For MY2015-2017 Mustang owners that want to eliminate the inlet duct resonator, cut the resonator off the factory inlet duct.

NOTE: DO NOT BREAK THIS RESONATOR OFF. IT NEEDS TO BE CUT OFF FOR THE PLUG TO FIT CORRECTLY.

14. Insert the provided large ribbed plastic plug (shown in Figure 4) into the open hole.
15. Decide whether you wish to keep the factory sound tube. If yes, you can skip to step 18. If not, please continue with step 16.
16. Remove sound tube system.
17. Use the provided plug (shown in Figure 5) to fill the hole in the firewall where the factory sound tube was inserted. See Figure 5 to see how the sound tube plug is installed.

18. Using a 7/16" socket, extension, and 1/4" drive ratchet and the provided 1/4-20 bolt and washer (2 provided washers are the same), install the aluminum barbed stud into the front hole of the mounting pad of the Steeda air box. See Figure 6.

19. Attach the velocity stack to the air box as shown in Figure 7.
20. Install and tighten the three 1/4-20 into the velocity stack using a 5/32" hex key.
21. Install the supplied cone air filter to the velocity stack, by sliding it over the outer flange and securing it with the attached hose clamp, as seen in Figure 7.
22. Slide the provided large silicone hose and accompanying hose clamps onto the velocity stack as shown in Figure 7.

23. Install the rubber trim around the top edges of the box.
24. Attach the factory inlet duct to the Steeda airbox.

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Figure 4: Factory resonator on inlet duct and Steeda plug



Figure 5: Sound tube plug installed

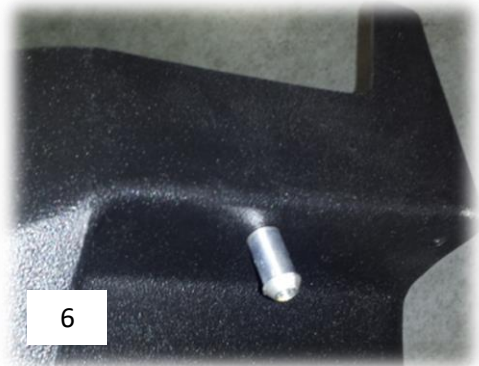


Figure 6: Aluminum barbed stud installed in Steeda air box



Figure 7: Steeda airbox assembly



8

Figure 8: Lower PCV hose adapter



9

Figure 9: Steeda intake tube hose connection configurations

Assembly of the Steeda Cold Air Induction Kit (cont.)

25. Configure the hose connections on the Steeda intake tube to mate to the hoses remaining on your vehicle.
Examples are shown in Figure 8 and 9.

Installation of the Steeda Open Cold Air Intake

26. Place the Steeda airbox assembly in place of where the factory one was removed.
- NOTE: Ensure the factory inlet duct lines up with the opening in the grille.
27. Using a 10mm socket, extension, and 1/4" drive ratchet, install the provided 6mm bolt and washer to secure the airbox to the chassis.
28. Install the silicone reducer and accompanying hose clamps on the throttle body.
29. Install the Steeda intake tube. Placing it inside the larger silicone hose first, then the smaller one second will help.
30. Tighten **ALL** the hose clamps using a 5/16" deep well socket, extension, and 1/4" drive ratchet.
31. Reconnect all the factory hoses remaining to the Steeda intake tube.
32. Attach the clip on the mass air flow sensor harness to the box.
33. Install the mass air flow sensor using the new Steeda rubber gasket once you remove the factory gasket. Use a 3/32" hex key and the provided 4mm button head cap screws.
34. Reinstall the engine cover and strut tower brace (if applicable).



10

Figure 10: Steeda air intake system installed

Warning: Not approved for sale in California or states that require a California E.O. #. This part has been designed and is intended for off-road application only. Installation of this part on a vehicle that is driven on public roads may violate U.S. and Canadian laws and regulations.

Note: Federal and several state and provincial laws prohibit the removal, modification or rendering inoperative of any part that affects emissions or safety on motor vehicles used on public streets or highways. Steeda Autosports assumes no liability for any violations arising out of any federal, state or provincial emissions or safety requirements on motor vehicles arising out of the customer's modifications and/or use of Steeda products. It is the responsibility of the customer to determine if their modified vehicle complies with applicable laws.

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