



# STEEDA

## 2015 S550 Mustang 5.0L

### Cold Air Intake

Instructions for parts #555-3194

**\*\*\*NOTE\*\*\* This kit is only to used on cars that have been tuned. Using this kit without a tune can cause serious damage to your engine. Steeda will not be held liable for use without a tune. \*\*\*NOTE\*\*\***



#### Removal of the factory air intake system

1. Remove the factory intake assembly by first removing the engine cover. To do so, lift up on the cover in any corner. It is held in place by rubber grommets. Set the cover aside for now. Next loosen the hose clamp, securing the intake tube to the throttle body. Also, disconnect the hoses for the sound tube and PCV system. See figure 1.
2. Disconnect the electrical connector for the mass air flow sensor. Unbolt the lower half of the airbox from the fender, as seen in figure 1. Gently pull up on the airbox, and dislodge the rubber grommets from the holes in the fender. Then, pull the intake tube off of the throttle body and lift out the entire assembly in one piece. The cold air feed duct will come out attached to the lower half of the air box.
3. Remove the rubber grommet from the bottom of the airbox, and insert it into the hole where it was originally located in the inner fender. See figure 1.

#### Assembly of the Steeda Cold Air Induction Kit

4. Using the provided ¼-20 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 2.
5. Attach the mass air flow sensor pipe to the air box, by passing the pipe through the hole in the box, and orient it as seen in figure 3. Install and tighten the 4 ¼-20 bolts (7/16" head) into the velocity stack.
6. Attach 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 3.



7. Install the rubber trim around the top edges of the box. See figure 7.
8. Remove the mass air flow sensor from the factory airbox lid, by removing the two Torx screws securing it. Carefully transfer the sensor into the aluminum mass air flow sensor pipe in the same orientation as it was in the factory airbox lid. Use the two provided #8 button head Allen screws to secure it to the pipe.



**Installation of the Steeda Cold Air Induction Kit**

9. The factory cold air feed duct must be modified, before transferring it to the Steeda airbox. Cut the resonator off of the cold air feed duct off, as shown in figures 4 & 5. **DO NOT BREAK THIS RESONATOR OFF. IT NEEDS TO BE CUT OFF FOR THE PLUG TO FIT CORRECTLY.** Insert the provided large plastic plug into the open hole. See figure 6 to be sure the correct plug is installed.

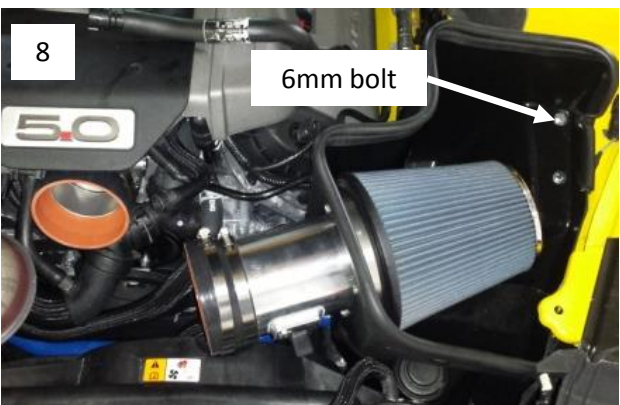
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Firewall Plug

Cold Air Feed Duct Resonator Plug

10. Install the cold air feed duct onto the Steeda airbox. It will snap into place over the push pins in the box. See figure 6.
11. Install the large silicone sleeve onto the MAF sensor housing. Slide it onto the housing further than it will need to be, to ease installation of the intake tube. Loosely install the two large hose clamps over the silicone sleeve. See figure 7.
12. Fit the new airbox into the car, in the same location and orientation as the factory airbox, as seen in figure 8. Be sure to insert the barbed stud into the grommet that was placed back in the hole in the fender. Install the provided 6mm bolt and washer (2 provided washers are the same) into the rear mounting hole of the airbox.
13. Install the silicone reducer onto the throttle body and loosely install the two smaller hose clamps over the reducer. See figure 8.



14. Assemble & install the lower pcv adapter onto the intake tube. Place the aluminum adapter into one end of the hose and the plastic elbow into the other end. Install and tighten both hose clamps. Insert the plastic elbow into the tube, and point it towards the smaller opening, or throttle body end of the tube. See figure 9.



15. Fit the new intake tube in place. The large end goes towards the MAF sensor housing. Be sure to have half of the sleeve over the intake tube, and the other half over the attachment point. Tighten down all four hose clamps.

16. Install the other two pcv connections into their respective hoses. See figure 10. (Smaller adapter into smaller hose, larger adapter in larger hose.) Then, push the adapters, with the connected hoses, into the grommets in the intake tube. Note: It helps to add light lubrication to the adapters before inserting them into the grommets. **\*\*\*NOTE\*\*\* MY2017 and up do NOT require the small hose adapter. Replace the grommet in the intake tube with the provided rubber plug.**

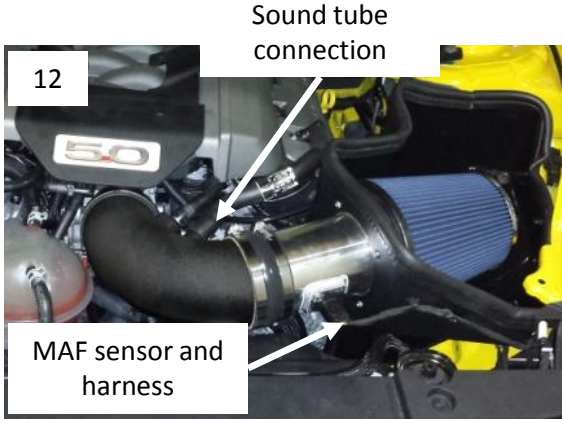


17. Install the noise tube and clamp, over the largest boss on the side of the intake tube. If you do not want to use the factory sound tube, then install the supplied 1" black cap onto the intake tube. We have supplied a 1-1/4" hose clamp and a zip tie for your choice in securing this cap to the tube. See figure 10. **Note: If the entire sound tube system is eliminated, we have provided a plug to install into the firewall, where the sound tube was inserted. Once the tube is removed from the connection into the firewall, insert the provided plug into the hole. See figure 6, on the previous page, to be sure the correct plug is installed. See figure 11 for sound tube plug installed.**



18. Reconnect the mass air flow sensor, push the wire harness fastener into the small hole in the airbox, and reinstall the engine cover.

19. The finished assembly should look similar to figure 12.



**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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