



# STEEEDA

## 2015 S550 Mustang Cold Air Intake

Instructions for parts #555-3193

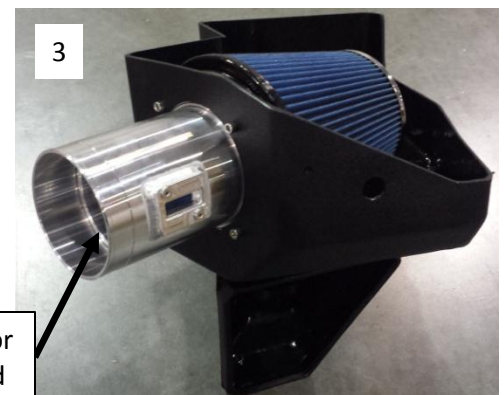
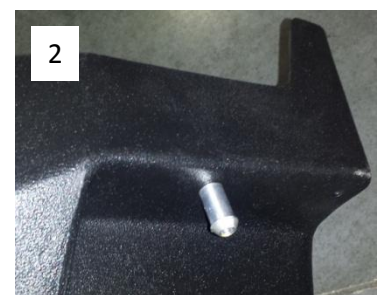
**\*\*\*NOTE\*\*\* You must use the provided restrictor if your car has not been tuned. Using this kit without the restrictor, and without a tune can cause serious damage to your engine. Steeda will not be held responsible or liable for use without a tune, or improper installation and use.**

### 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

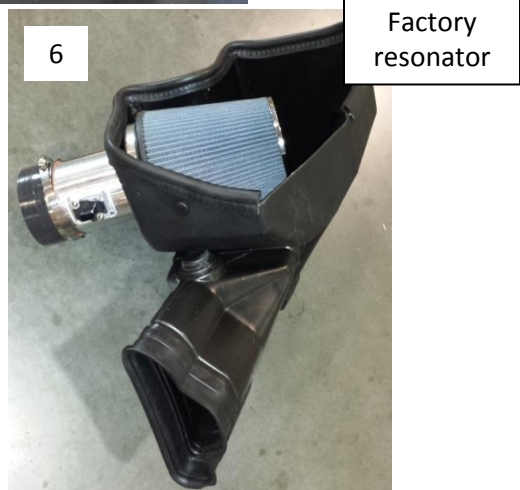
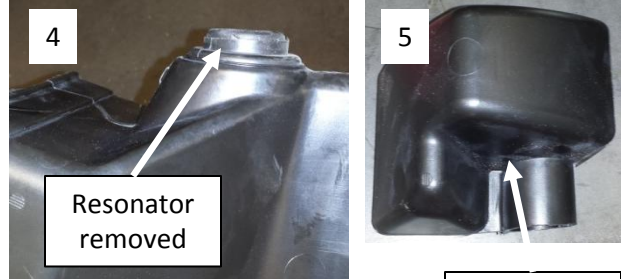
4. Using the provided ¼-20 bolt and washer, install the aluminum barbed stud into the front hole of the mounting pad of the Steeda air box. See figure 2.
5. Attach the mass air flow sensor pipe to the air box, by passing the pipe through the hole in the box, and orient it as seen in figure 3. Install and tighten the 4 ¼-20 bolts (7/16" head) into the velocity stack.
6. Install the CAI restrictor into place. Push it in, from the velocity stack end, until it stops. Note: It may help to add light lubrication to the o-rings, before installing into the mass air flow sensor housing. Be sure to line the hole for the sensor up with the hole in the mass air flow sensor pipe.
7. 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.
8. Install the rubber trim around the top edges of the box.



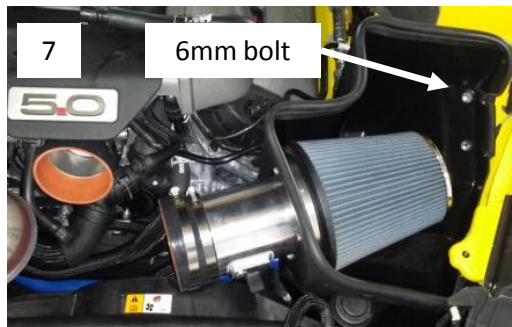
- Remove the mass air flow sensor from the factory airbox lid, by removing the two Torx screws securing it. Carefully transfer the sensor into the aluminum mass air flow sensor pipe in the same orientation as it was in the factory airbox lid. Use the two provided #8 x 5/16" button head Allen screws to secure it to the pipe.

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

- 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. Insert the provided large plastic plug into the open hole.
- 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.
- 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 6.
- Fit the new airbox into the car, in the same location and orientation as the factory airbox, as seen in figure 7. 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 into the rear mounting hole of the airbox.



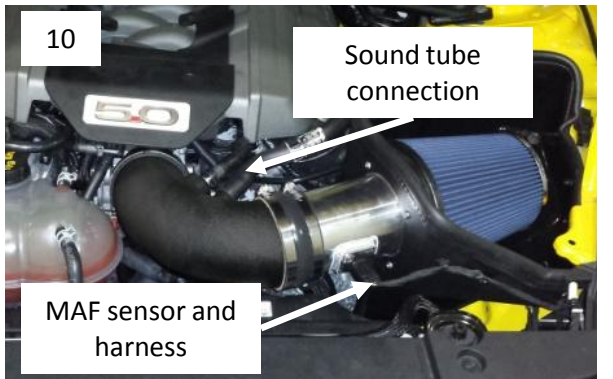
- Install the silicone reducer onto the throttle body and loosely install the two smaller hose clamps over the reducer. See figure 7.
- Assemble & install the lower pcv adapter onto the intake tube. Place the aluminum adapter into one end of the hose and the plastic elbow into the other end. Install 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 8.



- 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.
- Install the other two pcv connections into their respective hoses. See figure 9. (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.



- 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. 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.



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

- The finished assembly should look similar to figure 10.