

STEEDA COLD AIR INDUCTION KIT

2010 Mustang GT

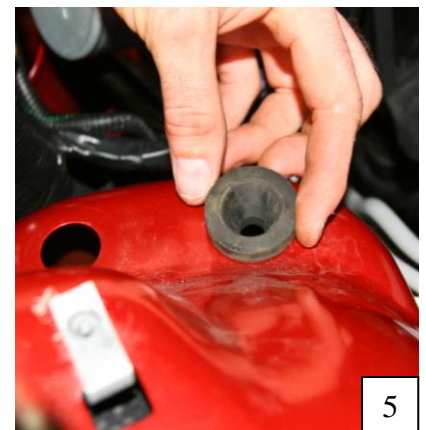
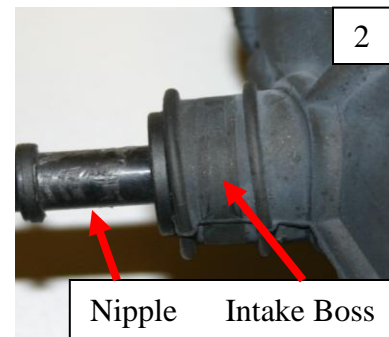
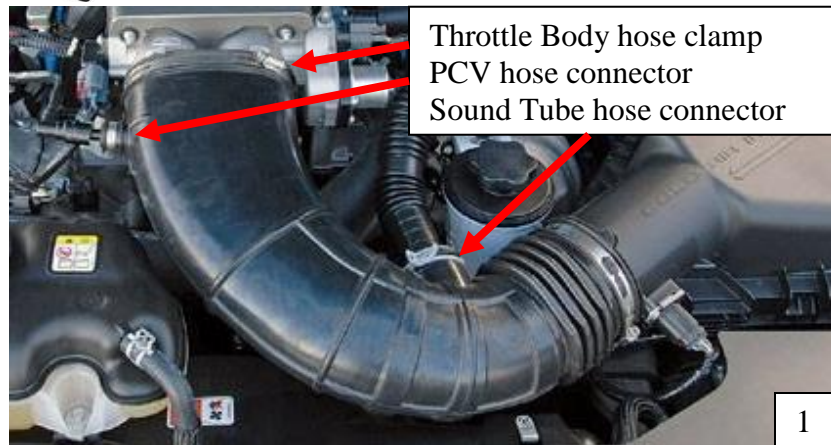
Instructions for part #555-3152



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 ***NOTE***

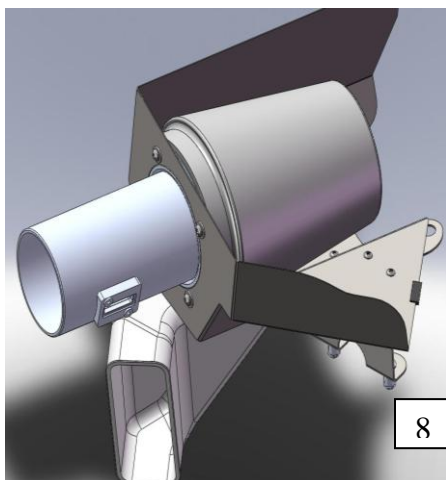
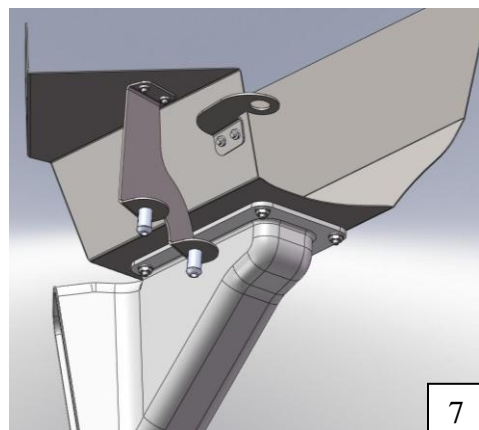
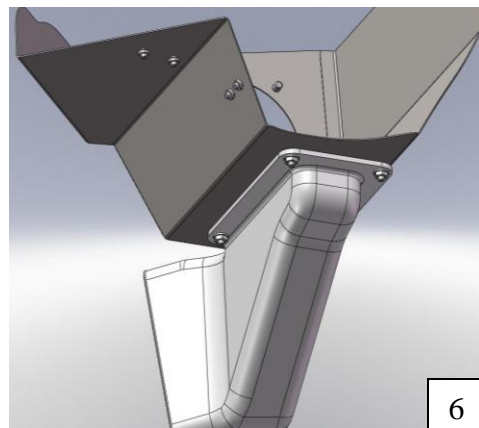
Removal of factory air filter assembly

1. Remove the factory intake assembly by loosening the hose clamp securing the factory intake tube to the engine's throttle body. Also disconnect the hoses for the sound tube and PCV system. These hoses are indicated in Figure 1. For the PCV hose, remove the steel clamp around the boss on the intake tube and pull out the nipple and hose (still connected to each other). Figure 2 shows the nipple to be removed with the steel clamp already removed.
2. Disconnect the electrical connector for the mass air flow sensor. Unbolt the lower half of the airbox as seen in Figure 3. Gently pull up on the box and dislodge the rubber grommets from the holes in the fender. The entire assembly should come out in one piece as seen in Figure 4.
3. Remove the rubber grommets from the bottom of the airbox and insert them into the holes where they were sitting in as shown in Figure 5.



Assembly of the Steeda Cold Air Induction Kit

4. Bolt the lower air scoop to the shield with the provided #10-32 x 1/2" button head Allen screws and associated nuts as seen in Figure 6.
5. Bolt the brackets to the shield with the supplied #10-32 x 5/16" button head Allen screws as seen in Figure 7. The bracket with the large hole in it needs to have the bushing and bolt used on the factory airbox transferred over as well. Also, screw the provided aluminum dowels into the larger bracket as also seen in Figure 7 with the supplied 1/4"-20 x 5/8" Hex head bolts and 1/4" flat washers.
6. Insert the mass air flow sensor pipe with built in velocity stack to the shield by passing the tube through the hole in the shield. Bolt it together with the provided 1/4"-20 x 3/8" button head Allen screws and 1/4" flat washers. Make sure the Pipe is oriented so that the mass air flow sensor points in the same direction towards the front of the car as seen in Figure 8.
7. Install the rubber trim around the edges of the shield as shown in Figures 9 and 10. Install it all the way around the bottom and top of the shield. The completed assembly should look similar to Figure 10.
8. Then 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 also seen in Figures 9 and 10.
9. Unscrew the mass air flow sensor from the factory airbox lid and remove it carefully. Next, carefully install 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 #8-32 x 5/16" button head Allen screws to secure it to the pipe.



Installation of the Steeda Cold Air Induction Kit

10. Fit the shield assembly into the car in the same location and orientation as the factory airbox as seen in Figure 9. Be sure to locate the dowel pins in the brackets of the shield into the rubber grommets you placed in the holes of the fender earlier. Also make sure to bolt down the bracket with the bushing you installed in it to the same hole used to secure the factory airbox. Additionally, make sure that the cold air scoop fits in the same location as the factory piece.



11. Once the shield is in place attach the silicone hose with three ends over the mass air flow sensor pipe. You need to place the three hose clamps over the ends of the hose before fitting it over any of the parts, and then fit the sound tube into the smallest hole in the silicone as seen in Figure 11.

12. Finally, fit the circular end of the supplied plastic air intake tube into the other end. The assembly should look similar to Figure 12.



13. Install the other supplied silicone hose with two hose clamps over the throttle body. Fit the hose with half of it over the throttle body and the other half over the intake tube. Figure 13 shows an illustration of how to fit the hose.

14. Slip the supplied piece of 5/8" x 2" rubber hose and two small hose clamps over the small inlet tube of the main air intake tube. Then slide the PCV hose and nipple into the rubber hose to locate it.

15. Now tighten all the hose clamps with everything fully fit and plug in the connector for the mass air flow sensor.

16. You are done with the installation! The finished assembly should look similar to Figure 14.

17. You now **MUST** tune the engine computer to be able to operate the car with the Cold Air Induction kit installed. If you do **NOT** have the engine tuned after installing the Cold Air Induction kit the air:fuel ratio could become very lean and could damage the engine!! Steeda will not be held responsible for damage caused by this CAI kit when used without a proper tune.

