

S550 Ford Mustang V6 (2015-2016) Roush Cold Air Intake Installation Guide

Time to Complete Install: 30-45 minutes

Tools required:

- Flathead Screwdriver
- 10mm Socket Screwdriver/Wrench
- Scissors

BEFORE INSTALL



PART ZERO: Open the box to reveal the contents



There should be eight pieces inside. They are:

- (1) Roush Air Box
- (2) Dirty Air Inlet
- (3) Filter Tube
- (4) Air Filter
- (5) Bulb Seal and Bolts
- (6) Clean Air Tube

PART ONE: Removal of stock intake

1. Pop the hood and prop it open.
2. Locate the air box cover. Unlatch two clips circled in red, and then loosen the adjustable steel clamp circled in blue. Remove the air box cover.



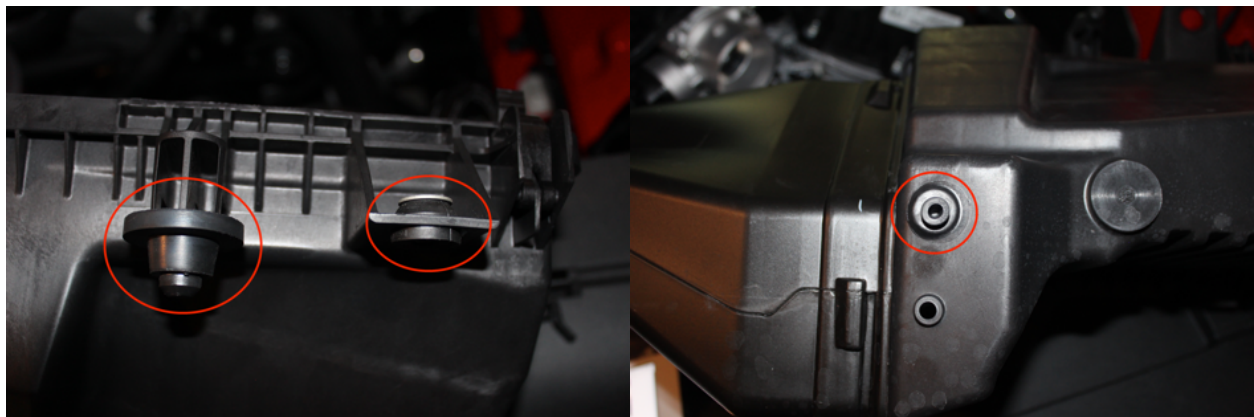
3. With the cover removed, remove the air filter and then the 10mm bolt holding the filter housing in place. You will need this bolt to install the Roush Intake. It is circled in red in the picture below.



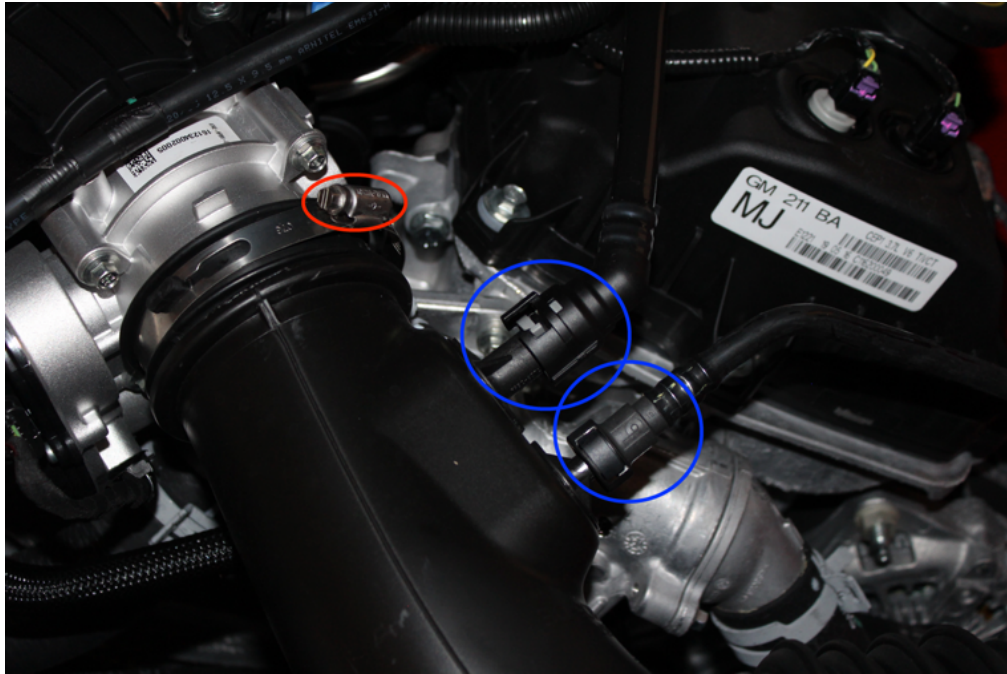
4. With the bolt removed, the stock air box can be removed altogether. Lift upwards as you shimmy and wiggle the box to loosen it. This is what the air box looks like after it is removed:



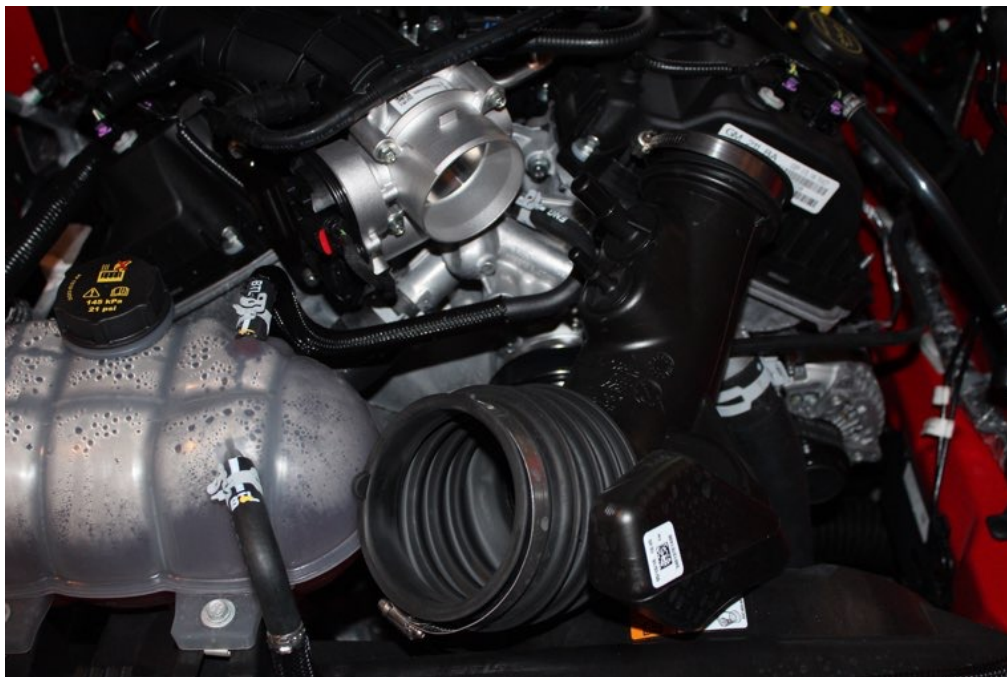
5. You will need to remove three rubber fittings from the stock air box. One of them has a metal insert that you will need too. It is easiest to remove the metal insert before removing the rubber grommet. These pieces will be used in the installation of the Roush air box. They are shown in the two pictures below, circled in red:



6. To complete the stock intake removal, you must now remove the clean air tube. It is held on to the throttle body by an adjustable steel clamp, and there are two hoses connected to it. Loosen the clamp circled in red, and remove the two hoses circled in blue in the picture below.



7. Now remove the clean air tube. This completes part one of the installation.



PART TWO: Installation of Roush Cold Air Intake

1. Take the rubber fittings you removed from the stock air box and fit them into the Roush Air Box (1). For the part with the metal bushing, install the rubber grommet first, then the bushing. Their locations are shown in the picture below, with the fitting and the corresponding slot circled in red:



2. Clip the Bulb Seal (5) around the top of the top perimeter of the Roush Air Box (1). Trim the excess with a pair of scissors. This process is shown in the picture to the bottom left, and the trim location is shown on the bottom right with a red line:



3. Attach the Dirty Air Inlet (2) to the Roush Air Box (1). The two pieces slide into place and no tools are required to fit them together.



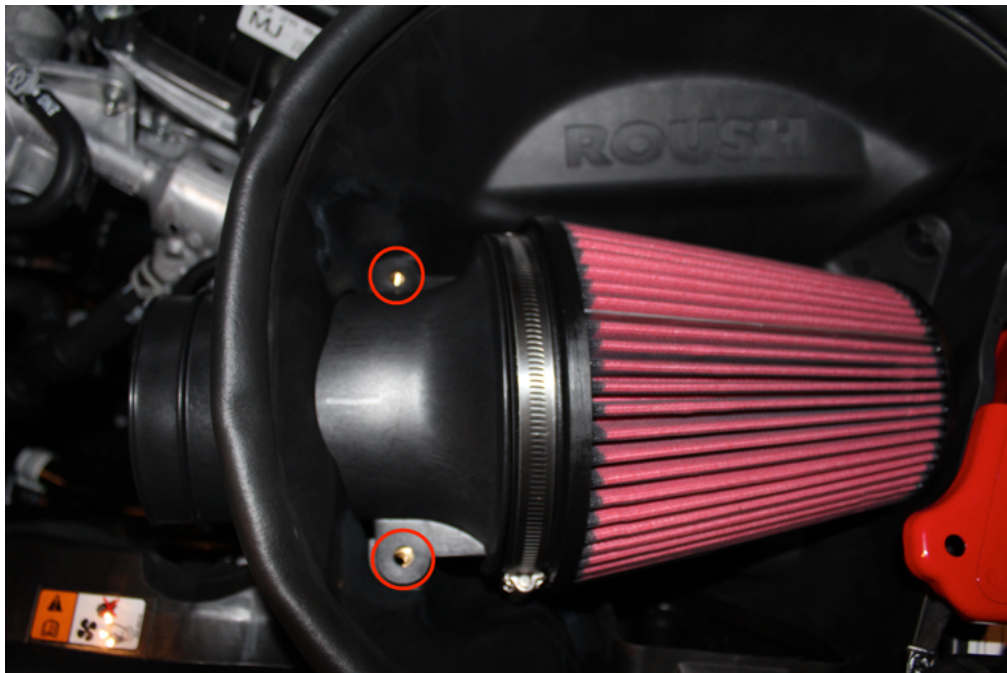
4. Place this assembly where the stock air box was before removal. The rubber fittings should align in the vehicle, and the 10mm bolt can be used to secure the box. It should only be hand tightened to approximately 6 ft-lb:



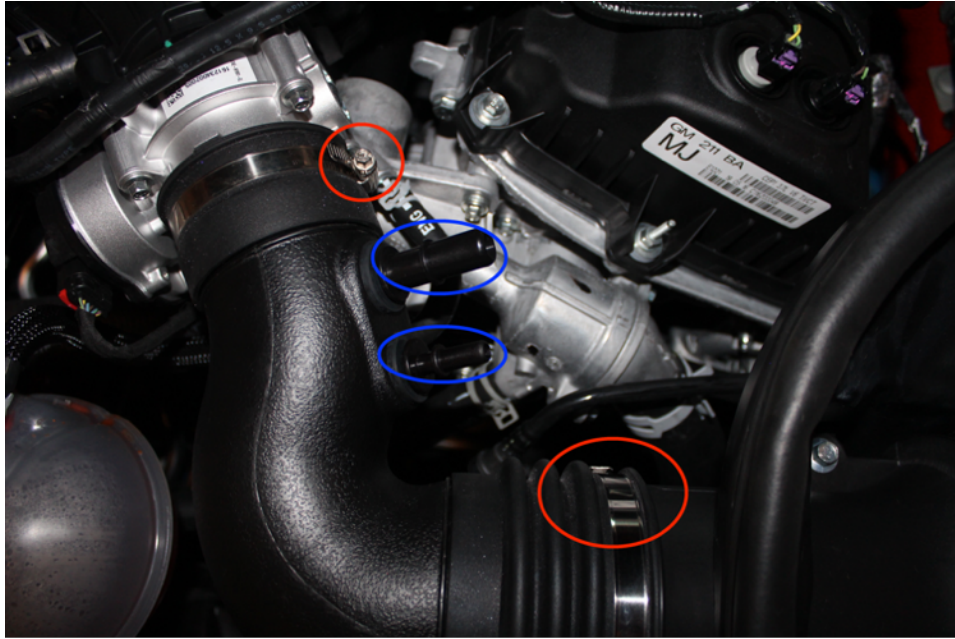
5. Using the adjustable steel clamp, attach the Air Filter (4) to the Filter Tube (3). Make sure this connection is sufficiently tight.



6. Put the filter and tube assembly into the Roush Air Box (1). The tube side should be placed through the air box from the inside outwards. When aligned correctly, the two 10mm Bolts (5) can be used to secure the filter to the air box. They should be hand tightened to approximately 8 ft-lb. The bolt locations are circled in red in the picture below.



7. Connect the Clean Air Tube (6) between the Filter Tube (3) and the throttle body. The result is shown in the picture below. Tighten the clamps circled in red, and replace the hoses in the nipples circled in blue.



8. Re-check all fasteners for tightness. Enjoy your enhanced V6 engine sound!

AFTER INSTALL



This Guide was Created and Submitted by AmericanMuscle Customer Daniel Valero on June 9th, 2016