

Installation Instructions

Cold Air Intake

P/N CH1104

Year/Make/Model/Engine

2011-2016 Dodge Charger 5.7L
2011-2016 Dodge Challenger 5.7L
2011-2016 Chrysler 300 5.7L



Parts List

- 1- Intake tube
- 1- Heat shield
- 1- Air filter
- 1- 6" Clamp
- 1- 4" Offset velocity stack adapter
- 1- 4" Flex coupler
- 1- 90Deg coupler
- 2- Rubber seals
- 1- 5/8" Breather hose
- 1- 1/2" ID grommet
- 1- 3.5" Hose clamp
- 3- 4" Hose clamps
- 2- #8 Mini clamps
- 1- 3/8" Bolt
- 1- Rubber insert
- 1- 3/8" Washer

Tools Required:

- 5/16" or 8mm Nut driver
- 7mm Nut driver
- 9/16" socket
- Ratchet



Step 1

Safety first! Before you begin the installation, make sure that the vehicle is in park (or neutral for a manual transmission) with the parking brake set. Disconnect the negative battery terminal and verify that all components that are listed are present. **Note:** This kit was designed and tested on a stock engine without any custom tuning done to the engine computer. Removing the battery cable may erase the programmed radio stations. The anti-theft code will need to be entered into some radios after the battery cable is connected. The anti-theft code can typically be found in the owner's manual or at your local dealership.



Step 2
Remove the engine cover.



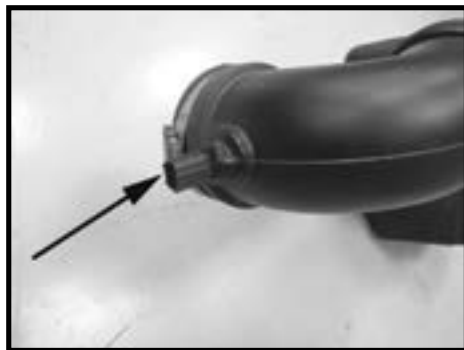
Step 3
Remove the breather hose from the intake manifold.



Step 4
Disconnect the electrical connector on the Intake Air Temperature (IAT) sensor . Loosen the clamp at the throttle body.



Step 5
Remove the screw holding the factory air box in place and set it aside, this will be used in a later step. Remove the factory air intake system from the vehicle.



Step 6
Turn the IAT sensor counterclockwise and remove it from the factory intake tube. Remove the O-ring from the sensor.



Step 7
Install the supplied grommet into the 90° coupler then install the IAT sensor into the grommet. Install the hose clamps on the coupler.



Step 8

Place the velocity stack adapter in the heat shield and install the supplied flex coupler making sure the coupler is pushed completely against the heat shield. Take note of the orientation of the funnel, this may be rotated slightly once the filter is installed in the vehicle. Once the adapter and coupler are tight against the heat shield, tighten the clamp. Make sure that the clamp for the intake tube is installed but left loose at this time. Dress the heat shield with rubber seal as shown, this may require trimming to the correct length.



Step 9

Install the rubber insert in the hole located on the inner fender.



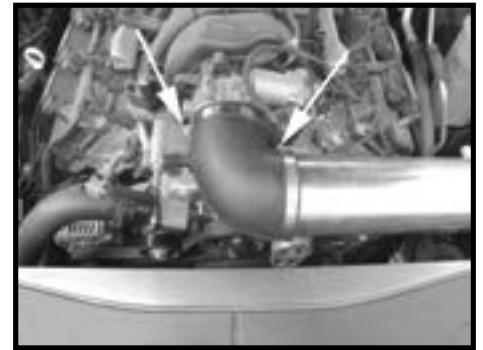
Step 10

Install the heat shield into the vehicle. Reuse the factory bolt from Step 5 and use the supplied hardware for the rubber insert.



Step 11

Install the intake tube on the flex coupler that is on the heat shield with the breather tube pointing towards the motor and closest to the heat shield. Once in position, fasten it securely using the supplied clamp.



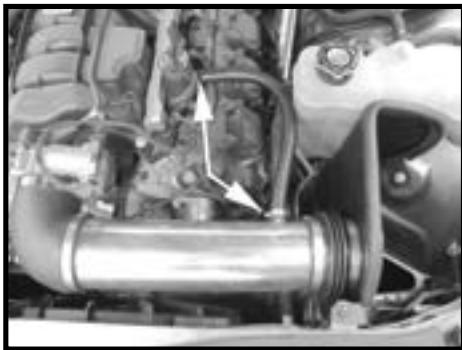
Step 12

Install the 90° coupler onto the intake tube. Once on the tube, place the other end of the coupler over the throttle body. Fully tighten the clamps.



Step 13

Reconnect the IAT sensor connector.



Step 14

Install the breather hose on the hose fitting on the engine and intake tube. Fasten it in place with the provided hose clamps.



Step 15

Install the filter on the velocity stack adapter and fasten it securely. If required rotate the velocity adapter so the filter will fit without any fitment issues.



Step 16
Install top engine cover. Position the breather hose so it does not rub on cover.



Step 17
Make sure that all clamps and hardware are fully tightened. Reconnect the battery cable, start the vehicle and let it warm up. Shut off and inspect the installation once more for any loose clamps, wires, or hardware. Test drive & enjoy! Your installation is now complete. Periodically check all clamps and brackets.