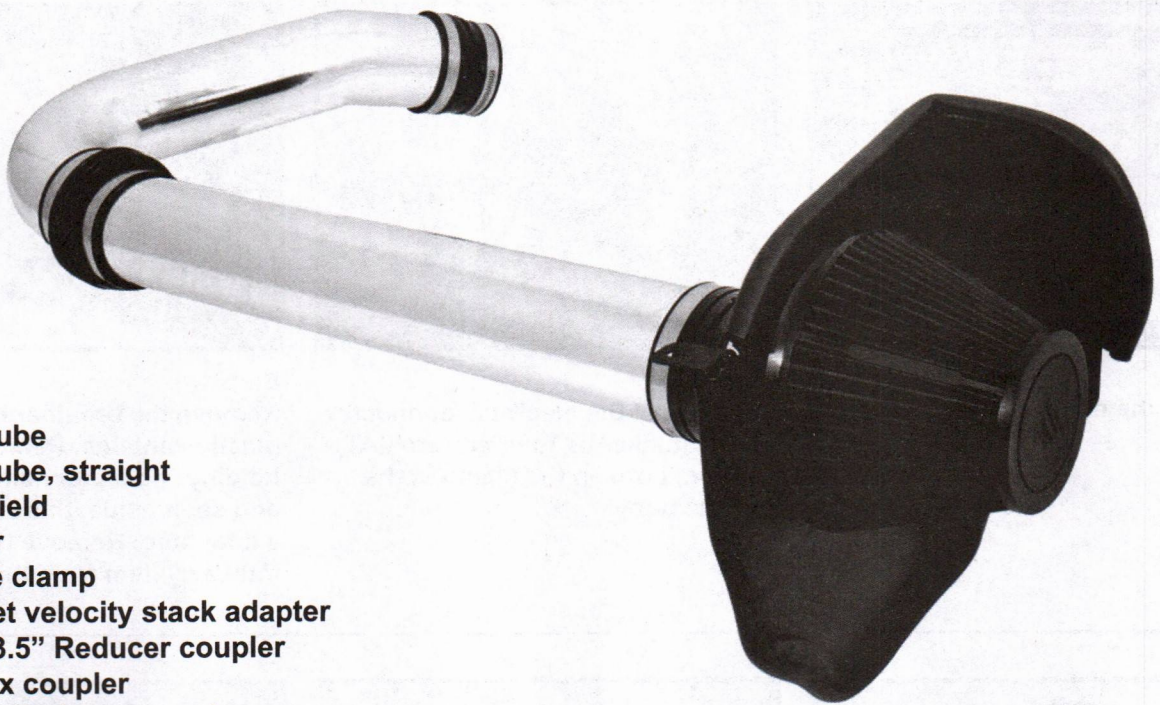


# Intake Installation Instructions

P/N CH1041

Year/Make/Model/Engine

2011-2015 Dodge Charger 3.6L  
2011-2015 Dodge Challenger 3.6L  
2011-2015 Chrysler 300 3.6L

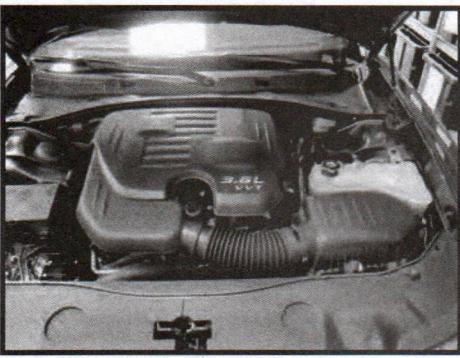


Parts List

- 1- Intake tube
- 1- Intake tube, straight
- 1- Heat shield
- 1- Air filter
- 1- 6" Hose clamp
- 1- 4" Offset velocity stack adapter
- 1- 3.25" - 3.5" Reducer coupler
- 1- 3.5" Flex coupler
- 1- 3.5" - 4" Reducer coupler
- 1- 26" Edge trim
- 1- 20" Edge trim
- 1- 1/2" ID grommet
- 1 - 5/8" Breather hose
- 1- 3.25" Hose clamps
- 4- 3.5" Hose clamps
- 1- 4" Hose clamps
- 1- #8 Mini clamp
- 1- 3/8" Bolt
- 1- Rubber insert
- 2- 3/8" Washers
- 1- Bracket, L
- 1- M8 Bolt

Tools Required:

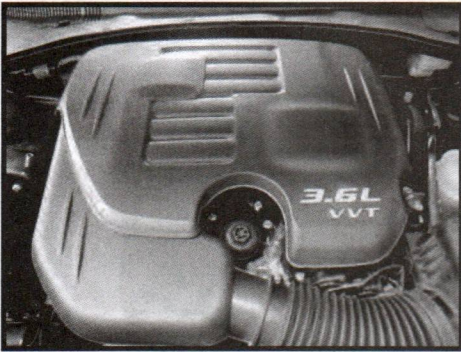
- 5/16" or 8mm Nut driver
- 13mm Socket
- 9/16" Socket
- Ratchet



### Step 1

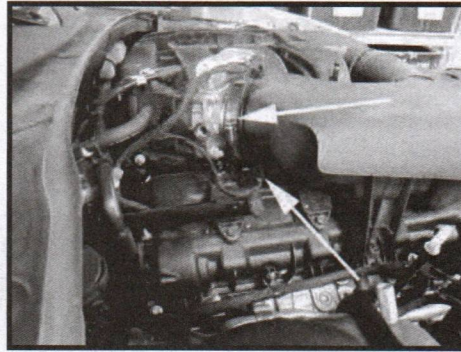
**Safety first! Before you begin the installation, make sure that the vehicle is in park (or neutral for a manual transmission) with the parking brake set. Disconnect the negative battery terminal and verify that all components that are listed are present. Note: This kit was designed and tested on a 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.**

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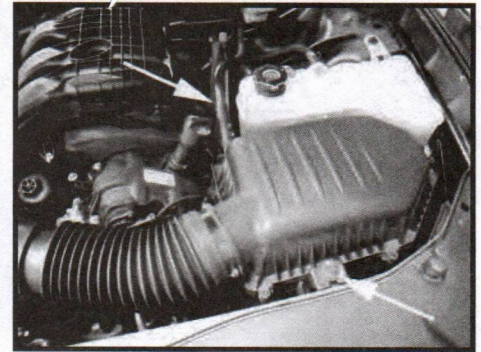
### Step 2

**Remove the engine cover.**



### Step 3

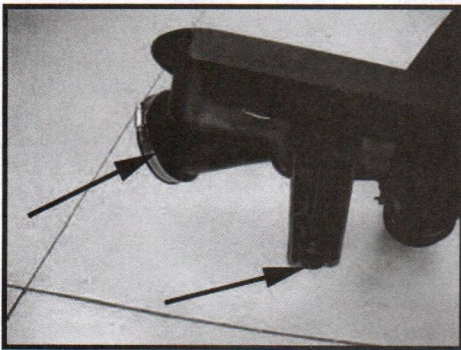
**Disconnect the electrical connector on the Intake Air Temperature (IAT) sensor. Loosen the clamp at the throttle body.**



### Step 4

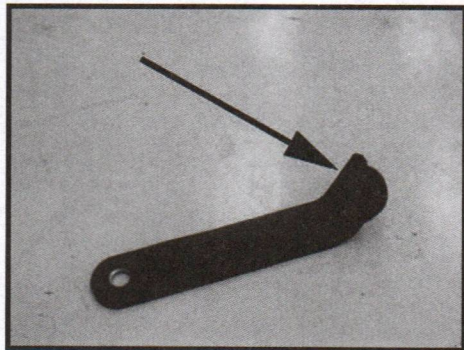
**Remove the breather hose from the plastic vent line. Remove the screw holding the factory air box in place and set it aside, this will be used in a later step. Remove the factory air intake system from the vehicle.**

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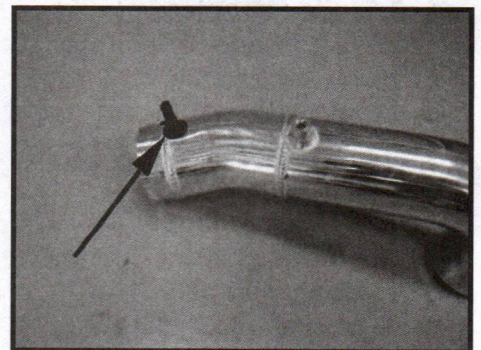
### Step 5

**Turn the IAT sensor counterclockwise and remove it from the factory intake tube. Remove the O-ring from the sensor. Remove the intake plenum mount grommet from the intake plenum.**



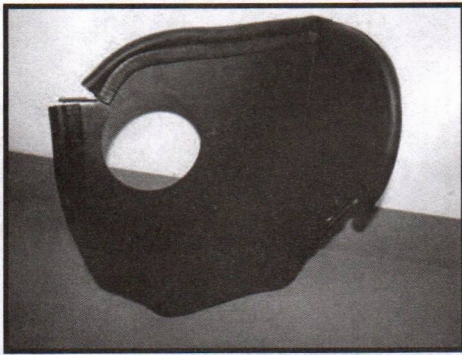
### Step 6

**Install the grommet removed on Step 5 into the supplied bracket.**

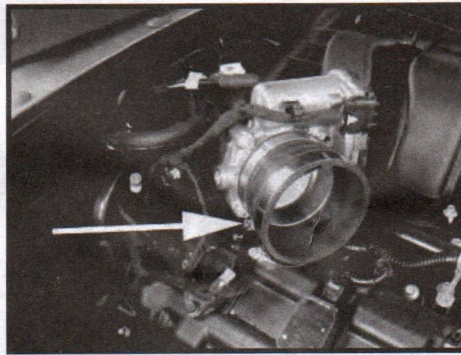


### Step 7

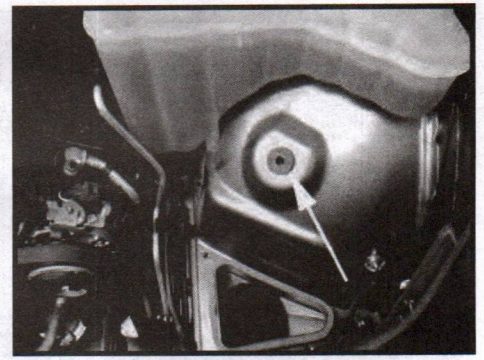
**Install the supplied grommet into the intake tube and then install IAT sensor into the grommet.**



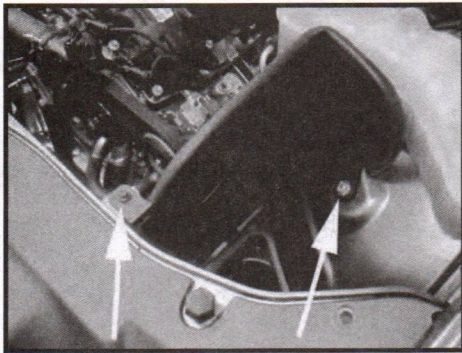
**Step 8**  
Dress the heat shield with edge trim as shown. This may require trimming to the correct length.



**Step 9**  
Install the reducer coupler on the throttle body and secure the coupler in place. Install a second clamp but do not tighten at this time.



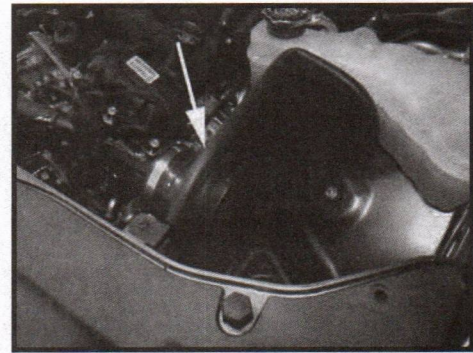
**Step 10**  
Install the rubber insert in the hole located on the inner fender.



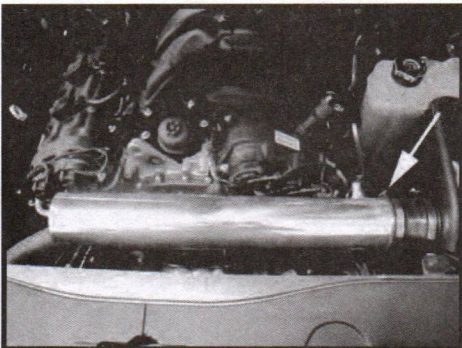
**Step 11**  
Install the heat shield into the vehicle. Reuse the factory bolt from Step 4 and use the supplied hardware for the rubber insert.



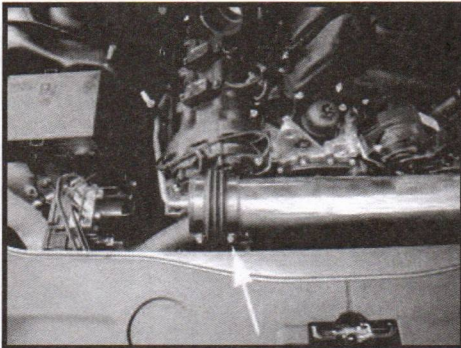
**Step 12**  
Install the bracket onto the mounting stud as shown.



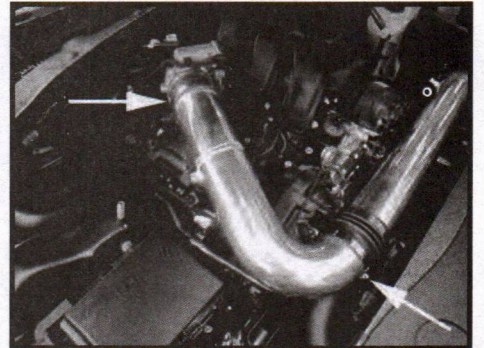
**Step 13**  
Place the velocity stack adapter in the heat shield and install the supplied flex coupler making sure the coupler is pushed completely against the heat shield. Take note of the orientation of the funnel, this may be rotated slightly once the filter is installed in the vehicle. Once the adapter and coupler are tight against the heat shield, tighten the clamp.



**Step 14**  
Install the intake tube as shown making sure the small vent tube closest to the heat shield.



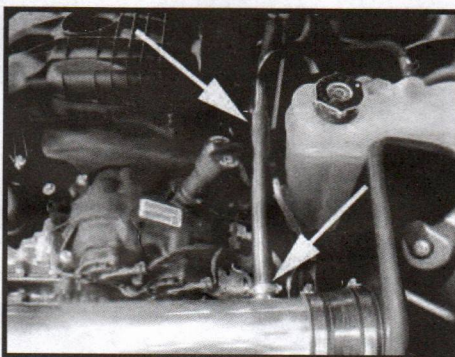
**Step 15**  
Install the flex coupler onto the end of the tube and fasten it securely, leave the other clamp loose at this time.



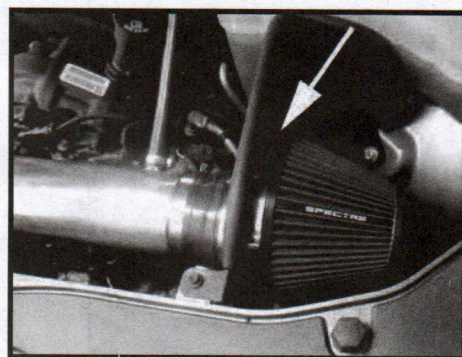
**Step 16**  
Install the second intake tube into the throttle body coupler first then into the flex coupler. Once in desired position fasten securely in place.



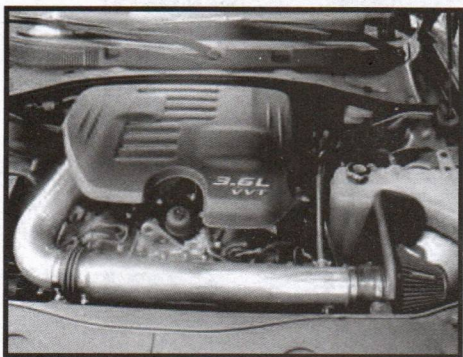
**Step 17**  
Reconnect the IAT sensor connector. Fasten the bracket to the intake tube with the supplied hardware.



**Step 18**  
Connect the breather hose to the existing plastic vent line, then to intake tube. Once in desired position fasten securely in place.



**Step 19**  
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 20**  
Reinstall the engine cover. 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.