



COLD AIR INTAKE

(2011-2021 DODGE CHALLENGER - 5.7L HEMI)

INSTALLATION INSTRUCTIONS

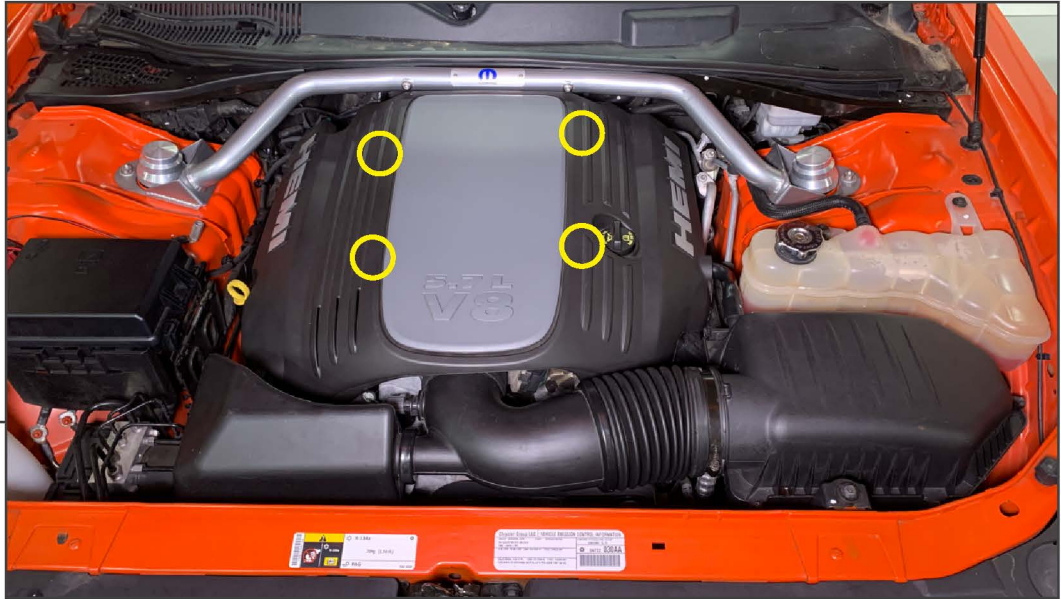
CONTENTS

- (1) Intake Tube
- (1) Heat Shield
- (1) Air Filter
- (1) 6" Hose Clamp
- (1) Offset Air Filter Adapter
- (1) 4" Straight Coupler
- (1) 90 Degree Coupler
- (1) Short Weather Seal
- (1) Long Weather Seal
- (1) 5/8" Breather Hose
- (1) 1/2" ID Grommet
- (4) 4" Hose Hose Clamp
- (2) #8 Mini Hose Clamps
- (1) 3/8" Bolt
- (1) 3/8" Flat Washer
- (1) 3/8" Threaded Insert
- (1) Throttle Body Adapter

TOOLS REQUIRED

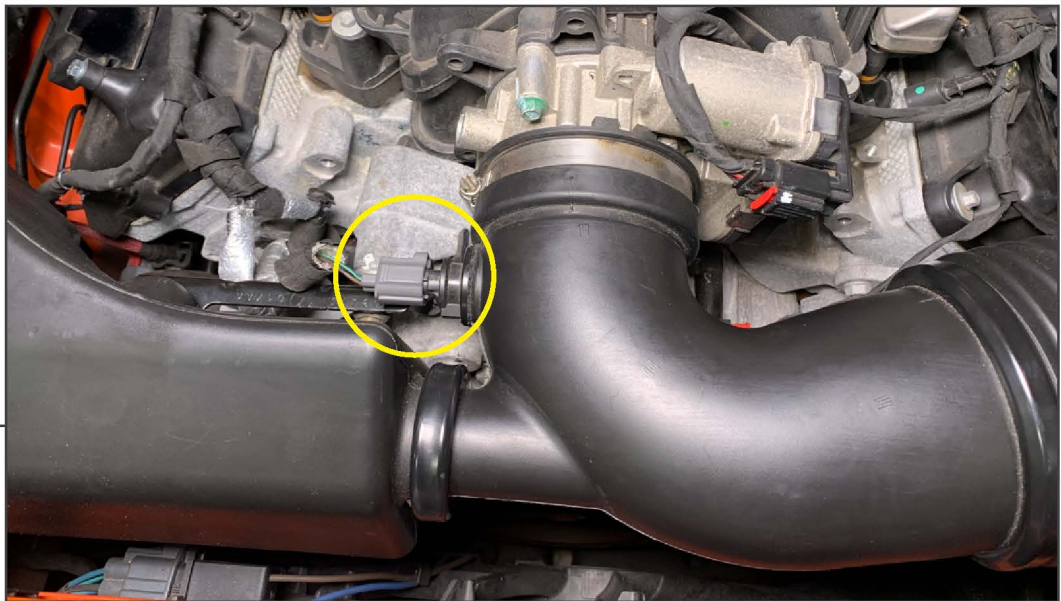
- 6mm, 8mm, 16mm, 17mm Sockets
- 15mm Wrench
- Phillips Screwdriver
- Flathead Screwdriver

SKU #
CH1044 , CR3313



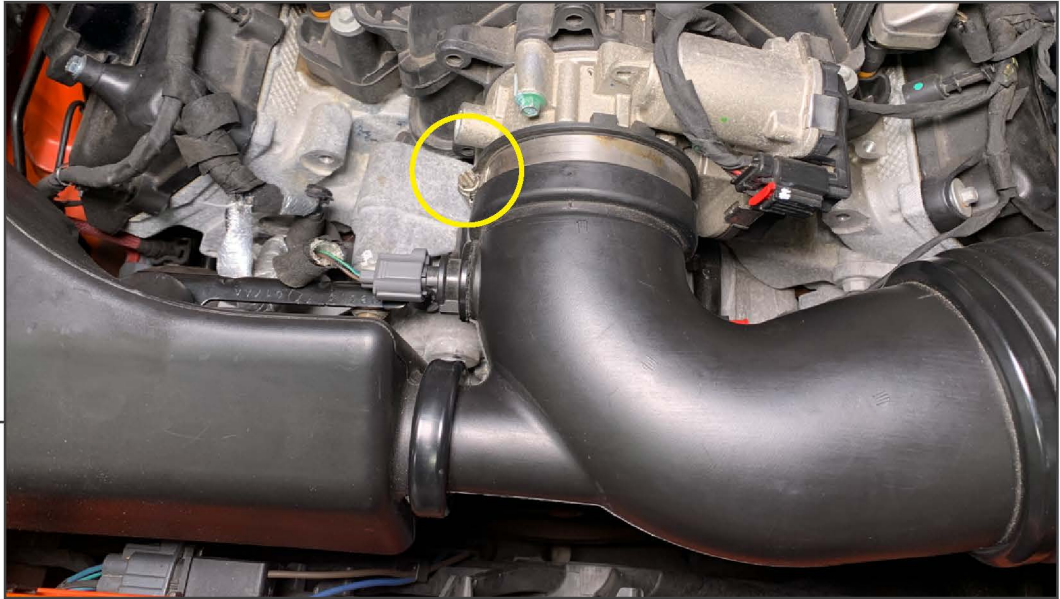
STEP 1

Remove the engine cover by firmly lifting along the sides of the cover to dislodge the (4) mounting pins from the cover grommets.



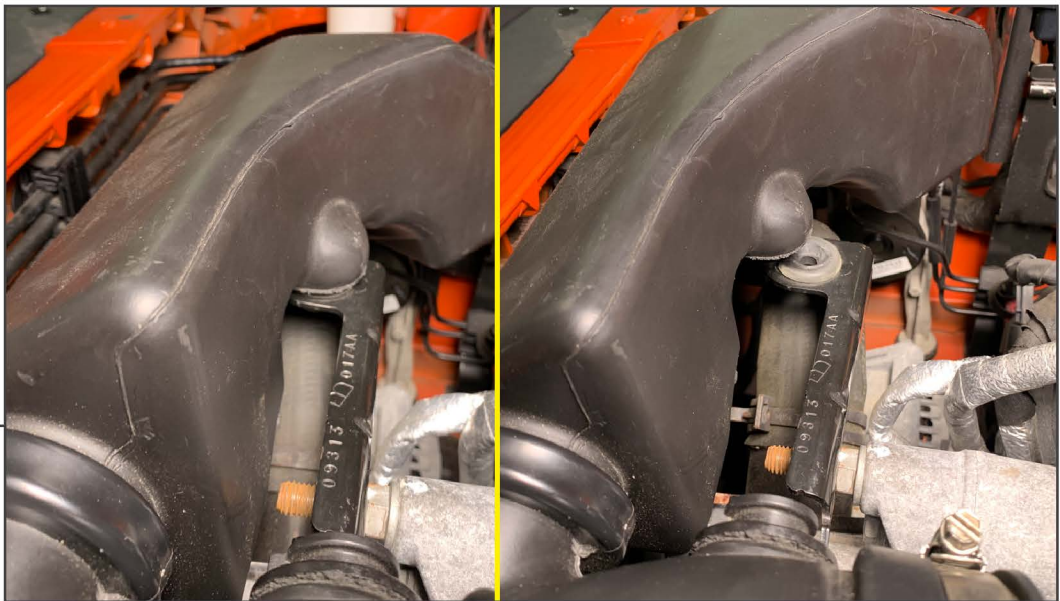
STEP 2

Unplug the IAT sensor by depressing the plastic tab on the electrical connector.



STEP 3

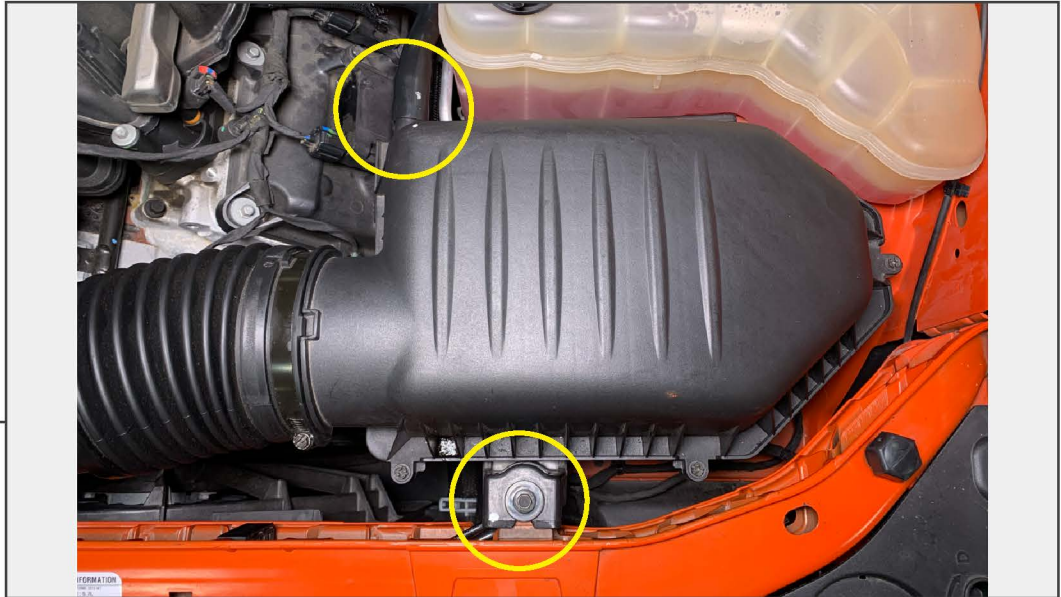
Using a 8mm socket, loosen the (1) hose clamp securing the intake tube to the the throttle body.



STEP 4

Firmly lift upwards on the intake tube resonator to dislodge the tube from the mounting bracket grommet.

STEP 5



Remove (1) 8mm bolt from the front of the air box. Remove the PCV hose from the air box.

STEP 6



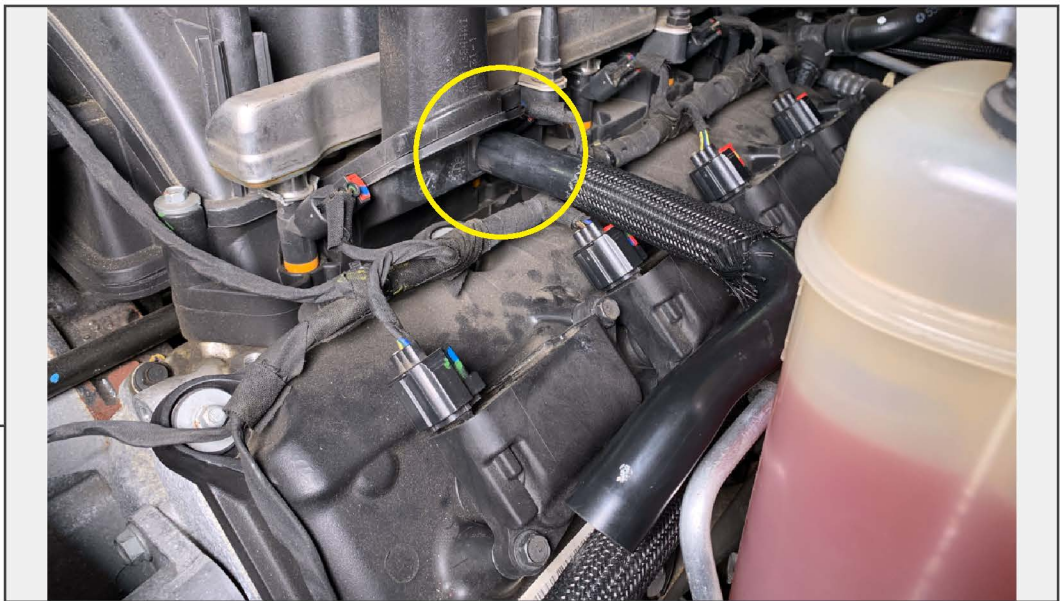
Lift the intake system from the vehicle. Ensure the rubber grommet in the wheel well remains in place during removal.



STEP 7

Remove (1) 16mm nut from the retaining bracket to remove the bracket from the vehicle.

Note: If necessary, use a 15mm wrench to hold the bolt in place from the backside of the bracket.



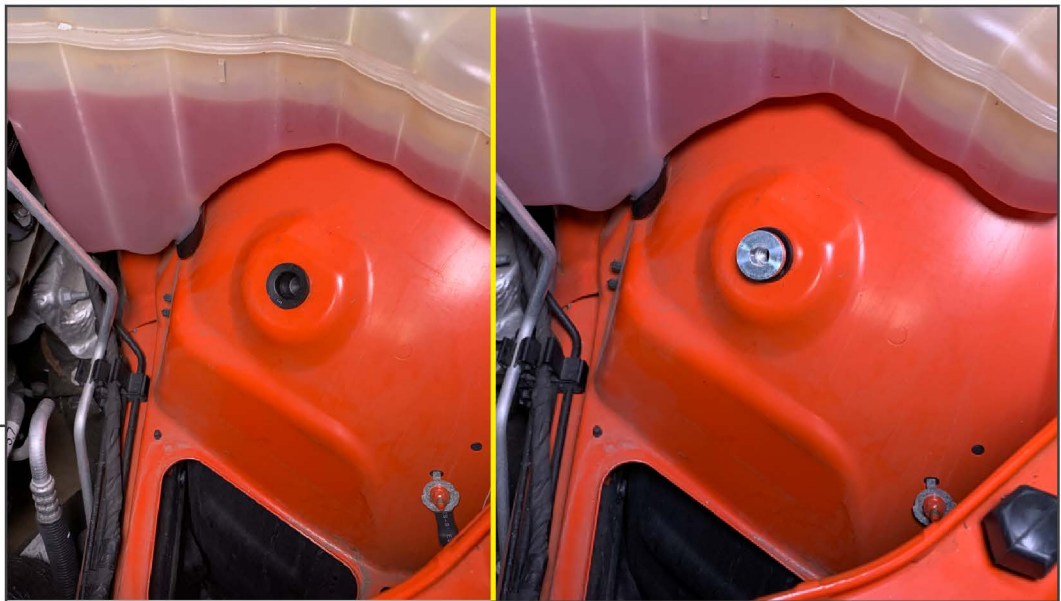
STEP 8

Pull and remove the PCV hose from the vehicle.



STEP 9

Using (1) short weather seal and (1) long weather seal, attach the seals to the edges of the heat shield.



STEP 10

Insert (1) 3/8" threaded insert into the existing rubber grommet in the wheel well. Ensure the insert is fully inserted into the grommet.

**STEP 11**

Install the heat shield into the vehicle using (1) 3/8" bolt, (1) 3/8" flat washer into the previously installed threaded insert. Install the front of the heat shield using the original 8mm bolt.

Note: Massage the heat shield as necessary to provide the best fit.

**STEP 12**

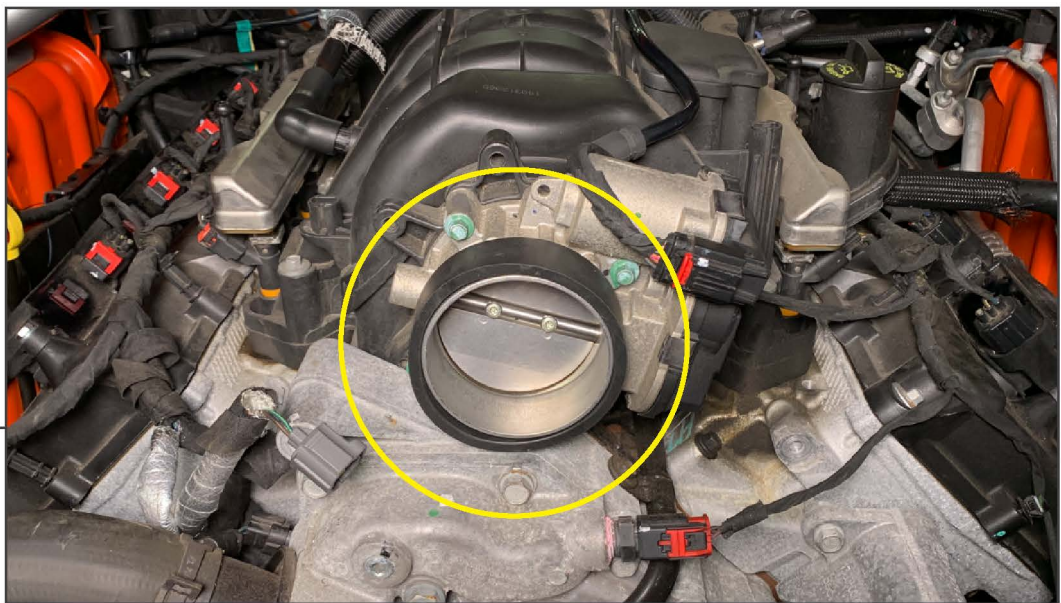
Remove the original IAT sensor from the original intake by twisting the sensor counter-clockwise. Insert the IAT sensor into the 90 degree coupler through the provided 1/2" grommet.

Note: Ensure to install the sensor to allow the air to read over the sensor properly. Spray lubricant may be necessary to ensure proper sensor installation.



STEP 13

Assemble the intake tube using (4) 4" hose clamp, (1) 90 degree coupler, and (1) straight coupler.



STEP 14

Install (1) throttle body adapter over the throttle body.



STEP 15

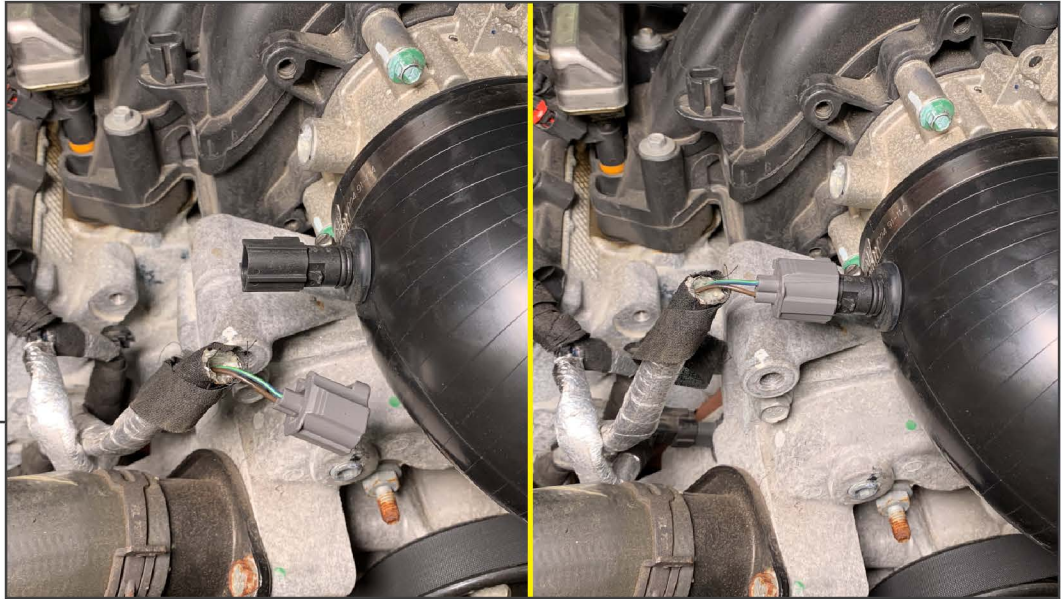
Install the intake tube to the throttle body by placing the coupler over the throttle body. Loosely clamp in place.



STEP 16

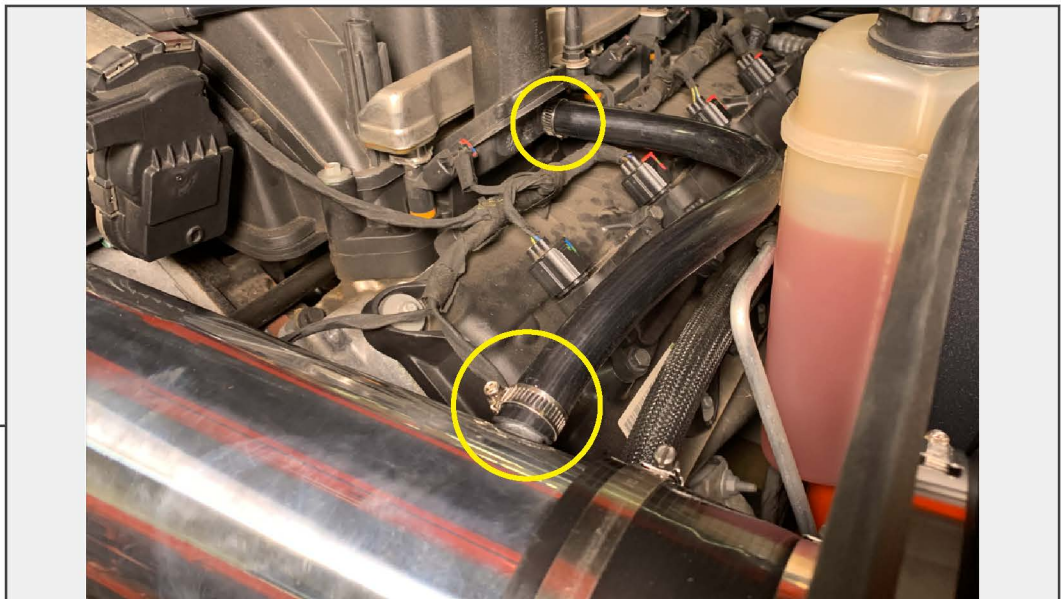
Install the offset air filter adapter to the intake tube using the previously installed hose clamp. Once installed, tighten the throttle body hose clamp to secure the intake tube into place.

STEP 17



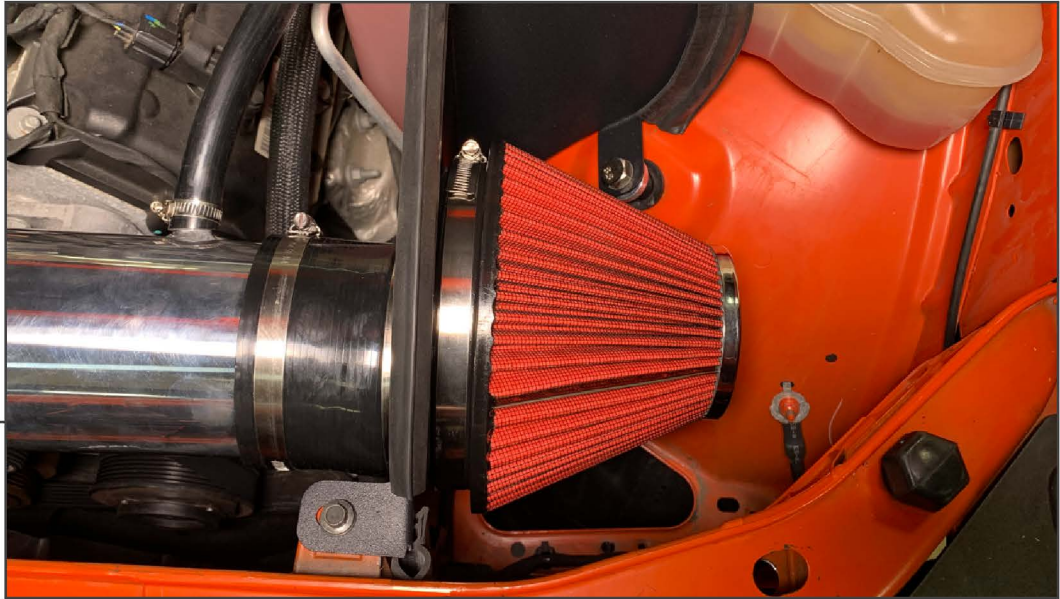
Plug the electrical harness into the IAT sensor. Ensure the connector clicks into place for proper connection.

STEP 18



Using (2) #8 mini clamps and (1) 5/8" breather hose, secure the PCV to the intake tube. Tighten until secure.

STEP 19



Install the air filter to the air filter adapter using (1) 6" hose clamp. Tighten until secure.

STEP 20



Reinstall the engine cover to the vehicle.

Installation is now complete.