



COLD AIR INTAKE

(2019-2021 RAM 1500 - 5.7L ENGINE)

INSTALLATION INSTRUCTIONS

CONTENTS

- (1) Air Filter
- (1) Intake Tube
- (1) Front Heat Shield
- (1) Rear Heat Shield
- (1) Left Heat Shield
- (1) Right Heat Shield
- (1) Heat Shield Extension Bracket
- (3) 4" Hose Clamps
- (1) 3" Hose Clamp
- (1) Rubber Weatherstrip
- (1) Rubber Grommet
- (1) Air Filter Adapter
- (1) 3" to 4" Step Up Coupler
- (1) 4" Coupler
- (1) Intake Tube Grommet
- (18) M5x0.8 x 8mm Allen Bolts
- (18) M5 Flat Washers
- (18) M5 Lock Nuts
- (2) M6x1.00 x 12mm Bolts
- (2) M6 Flat Washers
- (2) M6 Lock Washers

TOOLS REQUIRED

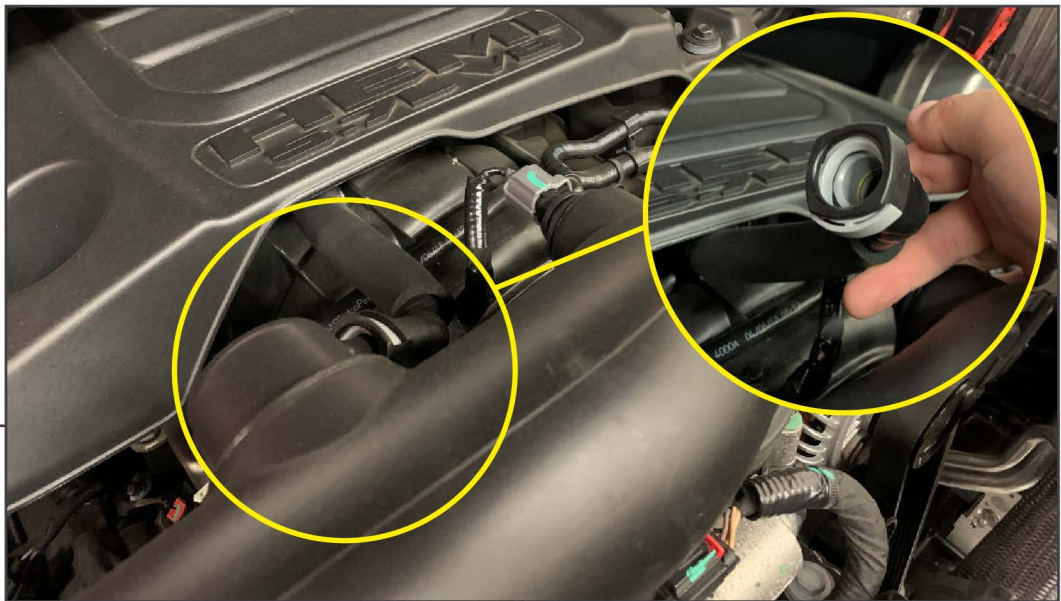
- 7mm, 8mm, 10mm Sockets
- Ratchet
- Spray Lubricant

SKU # R122560 / R122561



STEP 1

Unplug the intake air temperature sensor from the intake tube.



STEP 2

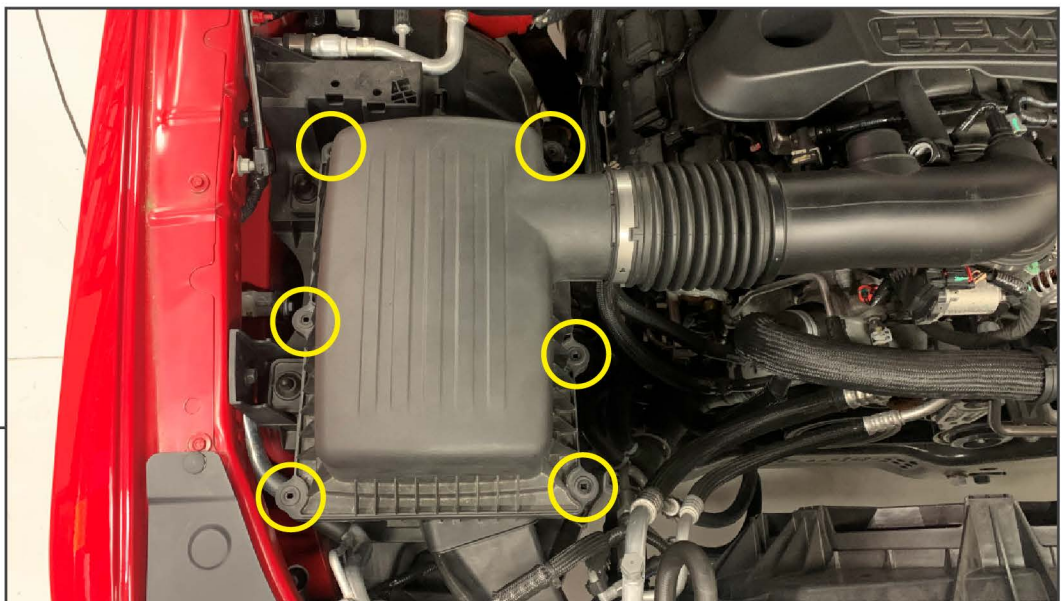
Disconnect the PCV hose from the intake tube. Press in the gray plastic tab while pulling the PCV hose away from the intake tube.

STEP 3

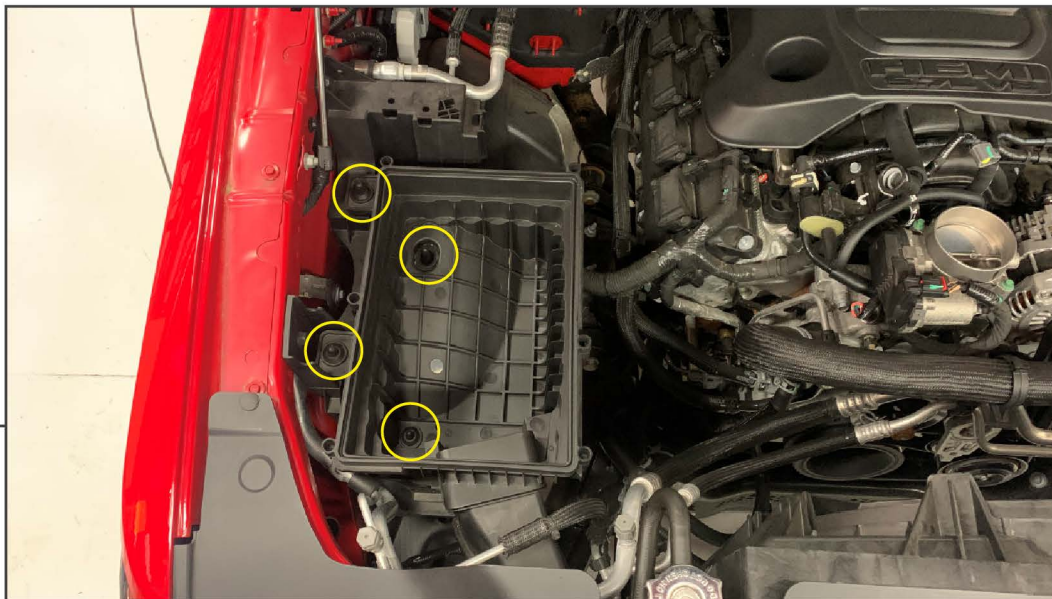


Loosen the intake hose at the throttle body using a 8mm socket.

STEP 4

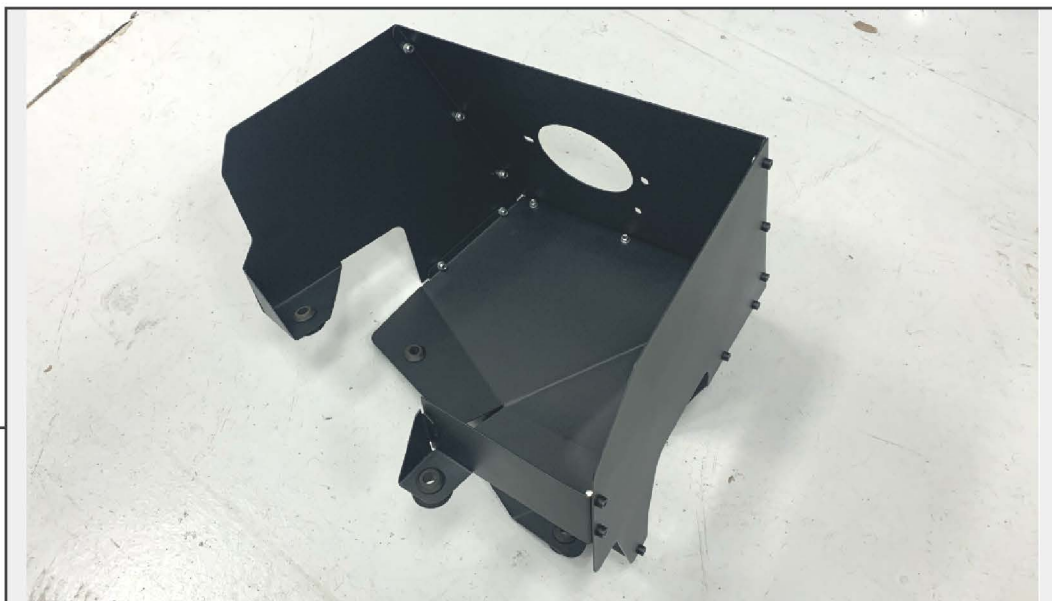


Remove (6) 10mm bolts from the air box lid. Lift the intake tube from the throttle body and air box together and remove from the vehicle. Remove the air filter from the lower portion of the air box.

**STEP 5**

Firmly pull up on the lower air box to dislodge the air box from the mounting pegs in the vehicle.

Note: The rubber grommets will be re-used.

**STEP 6**

Using (16) M5x0.8 x 8mm Allen bolts, (16) M5 flat washers, and (16) M5 lock nuts, assemble the heat shield as shown above. Insert the rubber grommets from the original intake into the new intake heat shield.

**STEP 7**

Place the heat shield into the vehicle at the original air box location. Ensure all (4) rubber grommets are in the vehicle pegs. Install the air filter adapter onto the air filter and tighten the supplied air filter clamp. Install the adapter into the heat shield using (2) M6x1.00 x 12mm bolts, (2) M6 lock washers, and (2) M6 flat washers.

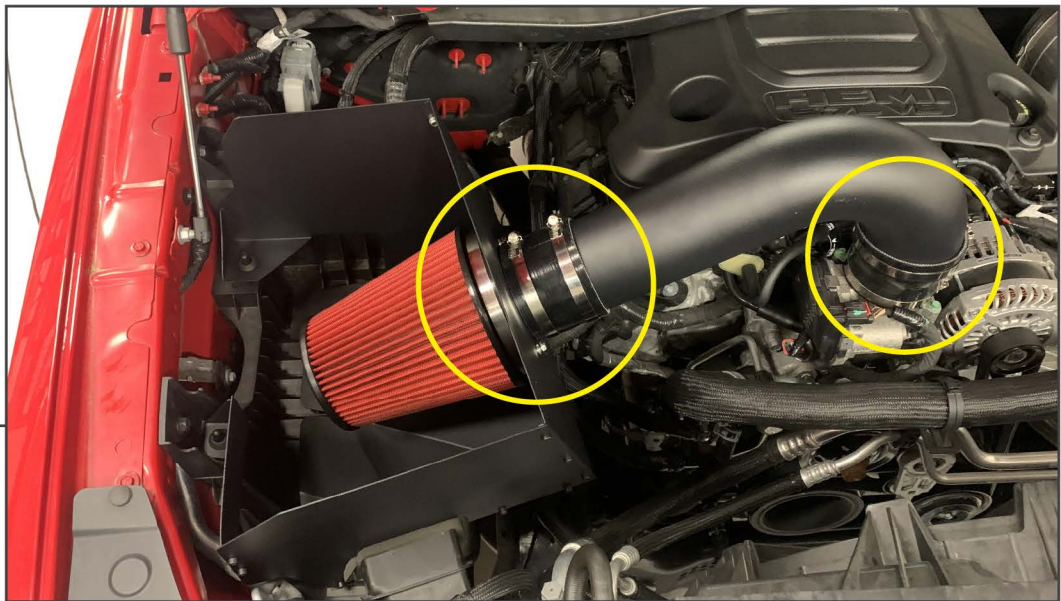
**STEP 8**

Place the 3" to 4" step up coupler onto the throttle body with a 3" hose clamp. Tighten the clamp onto the throttle body.

STEP 9

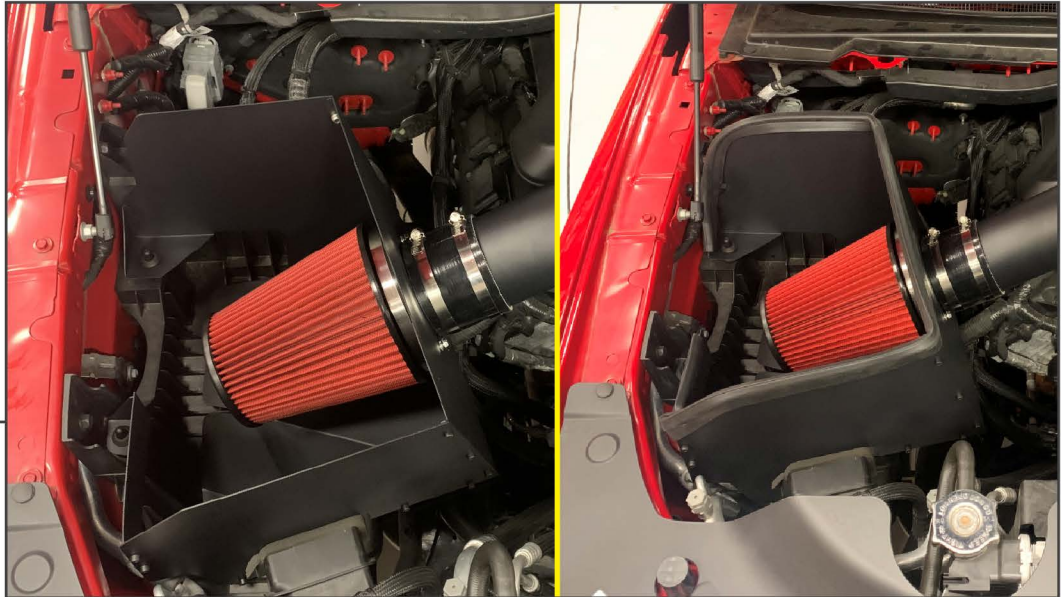
Transfer the intake air temperature sensor from the original intake tube to the new intake tube. Twist the sensor counter-clockwise to remove from the original intake tube. Install the provided (1) rubber grommet into the hole in the intake tube, then push the sensor into the grommet.

Note: Spray lubricant is recommended for ease of installation.

STEP 10

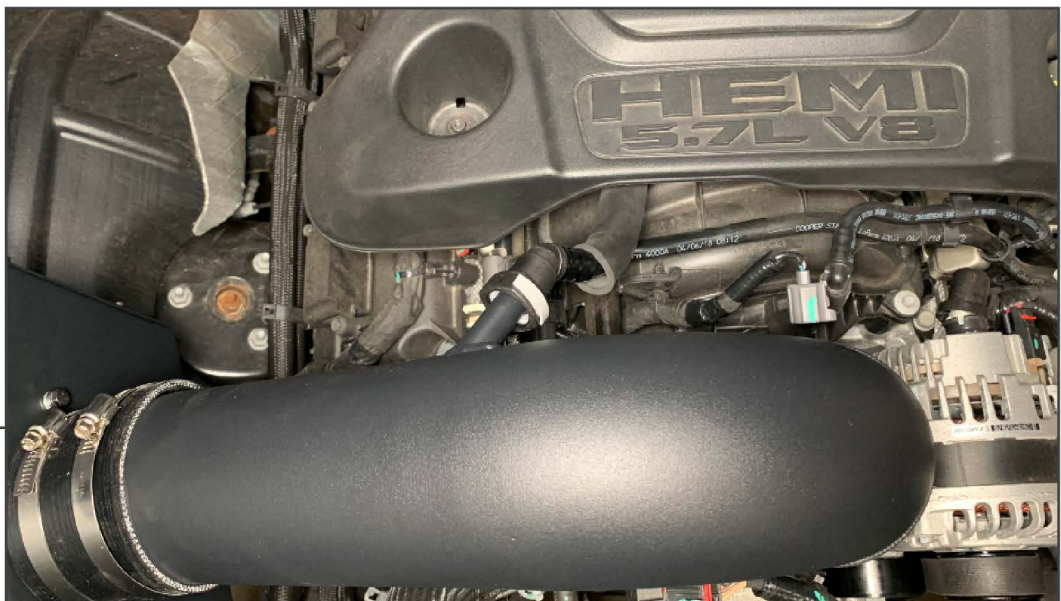
Install the intake tube to the air filter adapter and the throttle body using (3) 4" hose clamps and (1) 4" coupler. Tighten all clamps until secure.

STEP 11



Install the weatherstripping onto the heat shield assembly.

STEP 12



Plug in the PCV hose into the intake tube port. Re-connect the intake air temperature sensor harness to the sensor.

Note: The PCV hose fitting can rotate to reach the appropriate angle for installation.



STEP 13

Installation is now complete.