

COLD AIR INTAKE

(2019-2021 CHEVROLET SILVERADO - 5.3L & 6.2L ENGINE)

INSTALLATION INSTRUCTIONS

CONTENTS

- (1) Intake Tube
- (1) Air Filter
- (1) Heat Shield
- (2) 4' Couplers
- (1) 3"-4" Step Up Coupler
- (1) Air Filter Adapter
- (5) 4" Hose Clamps
- (1) 3" Hose Clamp
- (2) 1" Hose Clamps
- (1) PCV Hose
- (1) Wiring Harness Bracket
- (1) Large Weatherstrip
- (1) Small Weatherstrip
- (1) Zip Tie
- (4) M6x1.00 x 12mm Bolts
- (3) M6 Lock Washers
- (5) M6 Flat Washers
- (2) M6 Flat Washers 25mm OD
- (4) M6 Locking Nuts

TOOLS REQUIRED

8mm, 10mm Sockets

Ratchet

T-15, T-20 Torx Bits

Panel Removal Tool

Phillips Screwdriver

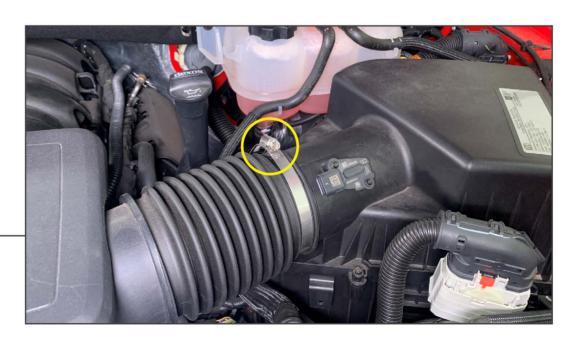
Cutters

90 Degree Pick





Unplug the MAF sensor from the intake. Slide the red tab outward, then press the black tab while pulling the connector from the sensor.



STEP 2

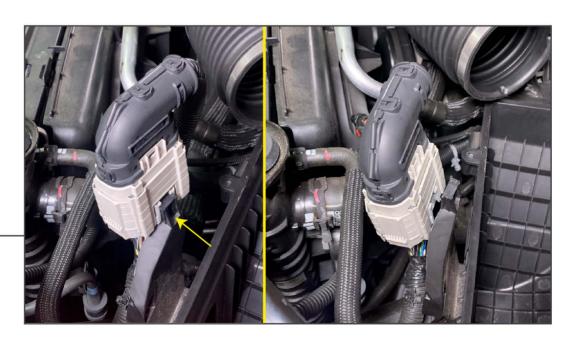
Loosen (1) hose clamp located behind the MAF sensor.





Remove (4) 10mm bolts from the air box lid. Remove (1) 10mm nut from the lower air box.

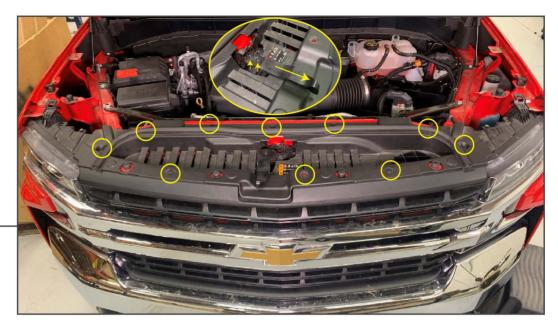
Note: The (1) 10mm nut will be re-using during assembly.



STEP 4

Remove the wiring harness connector from the lower air box. Using a 90 degree pick, gently lift up on the plastic tab on the air box portion of the clip while lifting the harness upward.





Remove the plastic radiator cover from the vehicle. Remove (2) T-15 Torx screws from the hood latch handle, then slide the handle off the latch. Remove (10) plastic push clips from the radiator cover. Lift the cover from the vehicle and set aside.



STEP 6

Remove (1) plastic push clip from the intake routing tube. Pull the intake tube towards the front of the vehicle slightly to make additional room for the lower air box removal.





Loosen (1) hose clamp attaching the air intake tube to the throttle body. Unplug the PCV hose from the intake tube and the valve cover by pressing the gray tab inward while pulling the hose outward. Remove the intake tube from the vehicle.

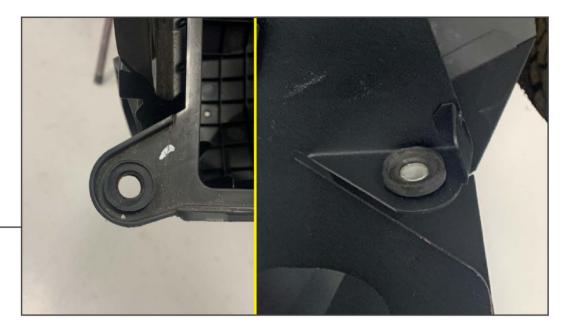


STEP 8

Lift the lower air box from the vehicle. Lift the air box over the mounting stud and route the side closest to the coolant bottle forward to clear the mounting grommets.

Note: Ensure no surrounding components are lodging the air box in place. Adjusting surrounding components temporarily may be necessary.





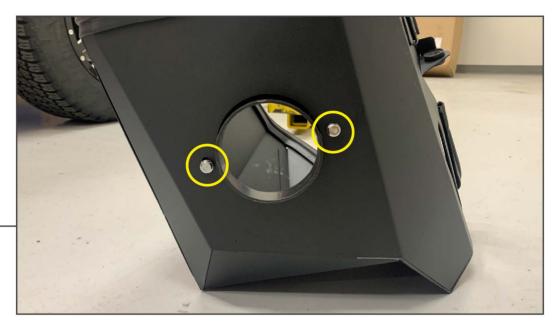
Remove the intake mounting stud grommet from the original air box and transfer to the new heat shield.



STEP 10

Using (1) M6x1.00 x 12mm bolt, (1) M6 flat washer, and (1) M6 locking nut, secure the wiring harness bracket to the heat shield. Do not fully tighten at this time to leave adjustment during final assembly.





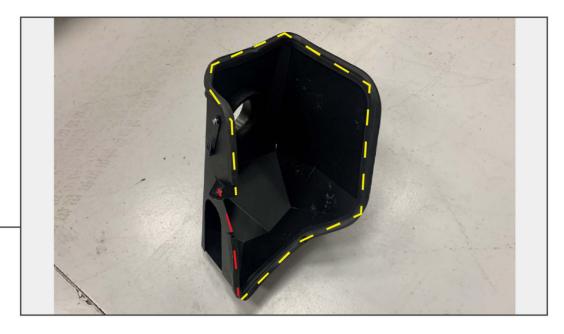
Secure the air filter adapter to the heat shield using (2) M6x1.00 x 12mm bolts, (2) M6 locking washers, and (2) M6 flat washers. Tighten until secure.



STEP 12

Install the studded grommet to the heat shield using (1) M6 flat washer (25mm OD) and (1) M6 locking nut. Tighten until secure.





Install the weatherstrips to the heat shield. Route the long piece across the majority of the heat shield. Route the small weatherstrip over the intake routing tube location. Once routed, cut the long weatherstrip to size.



STEP 14

Install the heat shield into the vehicle. Route the studded grommet into the bracket below the coolant reservoir, while aligning the air routing tube and original vehicle mounting stud to the heat shield.

Note: The heat shield is a tight fit into the vehicle. Unbolting and temporarily relocating the coolant reservoir may be necessary to fully install the heat shield.





Use (1) M6 locking nut and (1) M6 flat washer (25mm OD) to secure the heat shield to the bracket below the coolant reservoir.

Note: Temporarily relocating the coolant reservoir and other surrounding components may be necessary to gain access to the studded grommet.



STEP 16

Secure the front of the heat shield to the vehicle re-using the (1) original 10mm nut onto the stud mount. Tighten the wiring harness mounting bracket to the heat shield, then clip the harness to the bracket.





Remove (2) T-20 Torx screws from the MAF sensor to remove the sensor from the original intake housing.



STEP 18

Install the MAF sensor into the new intake tube using the provided (2) Phillips screws.





Install the intake tube to the air filter adapter using (1) 4" coupler and (2) 4" hose clamps. Install the intake tube to the throttle body using the appropriate coupler and clamps (see note below).

5.3L Throttle Body: 3"- 4" Step Up Coupler, (1) 3" hose clamp and (1) 4" hose clamp.

6.2L Throttle Body: 4" coupler, (2) 4" hose clamps.



STEP 20

Plug the vehicle wiring harness into the MAF sensor. Once the harness clicks into place, slide the red tab forward to lock into place.





Use the (1) provided PCV hose and (2) 1" hose clamps to attach the PCV on the engine valve cover to the intake tube. Cut the hose to best fit if necessary and tighten the clamps to secure into place.



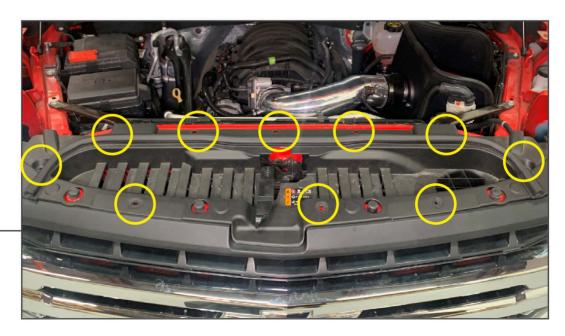
STEP 22

Install the air filter to the air filter adapter using the provided air filter hose clamp. Tighten until secure.





Re-install the air routing tube to the vehicle using the (1) original push clip.



STEP 24

Re-install the radiator support cover onto the vehicle and secure into place using the (10) original plastic push clips. Re-install the hood latch handle using the (2) original T-15 Torx screws.





Installation is now complete.