



PERFORMANCE COLD AIR INTAKE

(2018-2024+ F-150 - 2.7L & 3.5L ECOBOOST)

INSTALLATION INSTRUCTIONS

CONTENTS

- (1) Air Box
- (1) Air Filter
- (1) Air Filter Adapter
- (1) Air Box Lid
- (1) Intake Tube
- (1) Small Coupler w/ Clamps
- (1) Large Coupler w/ Clamps
- (1) Accordion Coupler w/ Clamps
- (1) IAT Sensor Grommet
- (1) IAT Sensor Extension Harness
- (1) Air Box Mounting Bracket
- (4) M6 x 20mm Bolts
- (2) M6 x 12mm Bolts
- (2) M6 x 10mm Bolts
- (4) 10-24 x 12mm Bolts w/ Plastic Washers

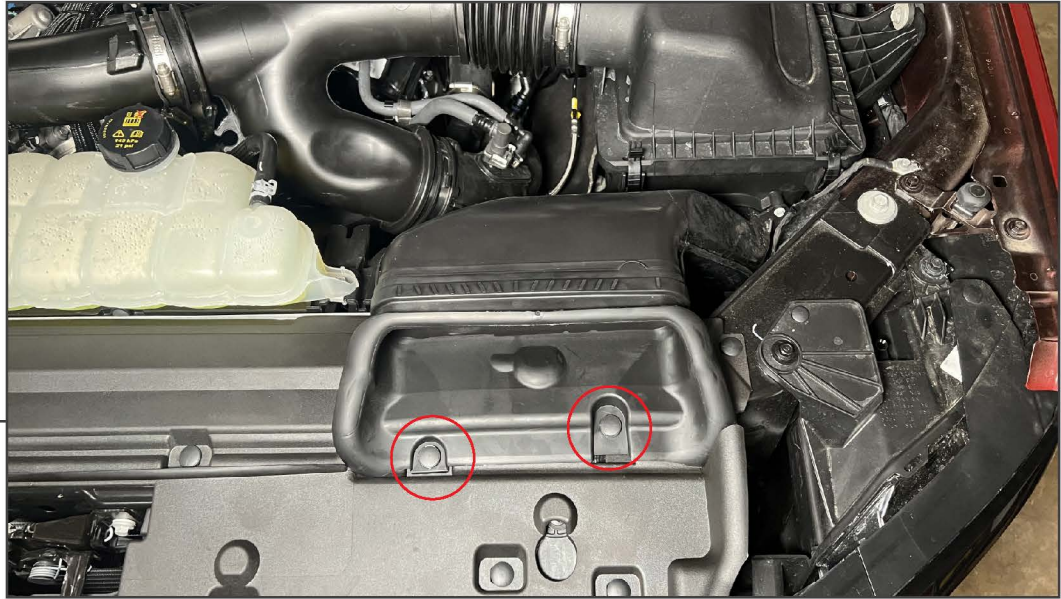
TOOLS REQUIRED

- 7mm, 10mm, 13mm Sockets
- Ratchet
- Panel Removal Tool

SKU # T622924
Edited: 01/31/2025

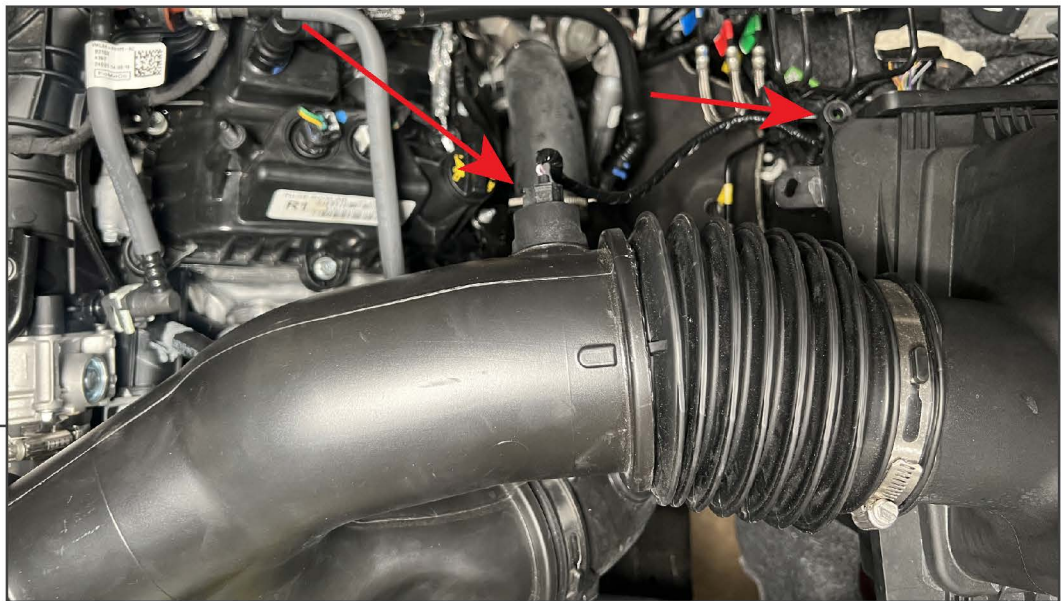


STEP 1



Open the vehicle hood and locate the intake system. Remove (2) plastic push clips from the air duct.

STEP 2



Unplug the wiring harness from the IAT sensor in the intake tube. Use a panel removal tool to disengage the wiring harness retainers from the air box.



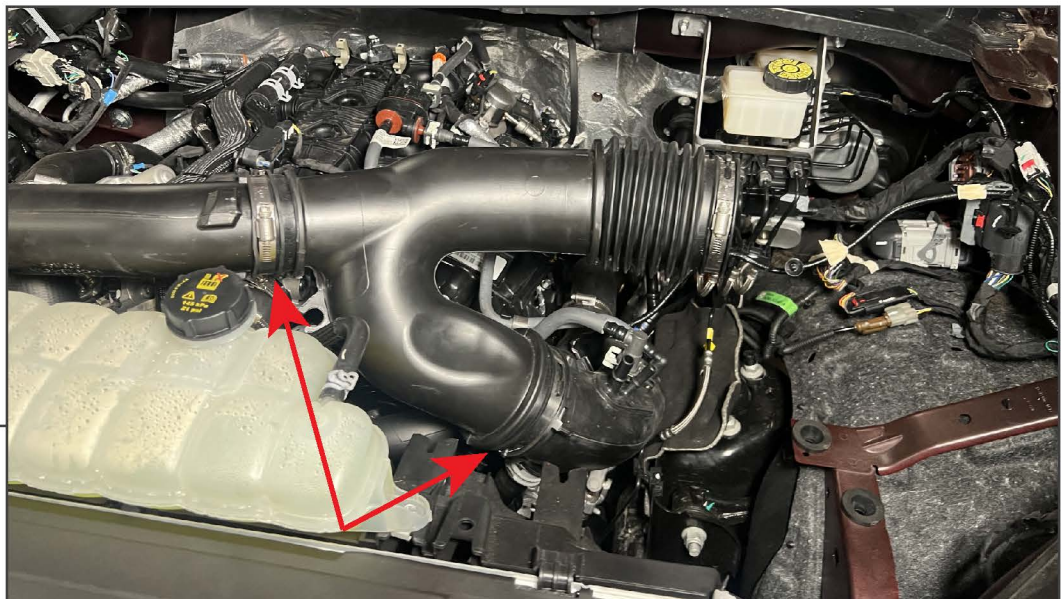
STEP 3



Loosen the (1) intake tube hose clamp at the air box. Then, remove (1) 13mm bolt from the air box mounting point. Remove the intake tube, and firmly lift the air box from the vehicle, and place on a workable surface.

Note: The 13mm bolt, grommet, and sleeve will be reused. If the air box rubber grommets are removed from the chassis when the air box is removed, ensure to fit the grommets back into the original mounting locations.

STEP 4



Loosen the (2) intake tube hose clamps, and remove the intake tube from the intake system. Place the intake tube on a workable surface.



STEP 5

Remove (1) 10mm bolt from the air duct, then remove the ducting from the original air box.

Transfer the ducting to the new air box, and secure into place using (1) M6 x 20mm bolt and (1) M6 flange nut. Tighten until secure.



STEP 6

Secure the included mounting bracket to the new air box using (2) M6 x 10mm flange bolts. Tighten until secure. Fit the original grommet and sleeve into the mounting bracket.

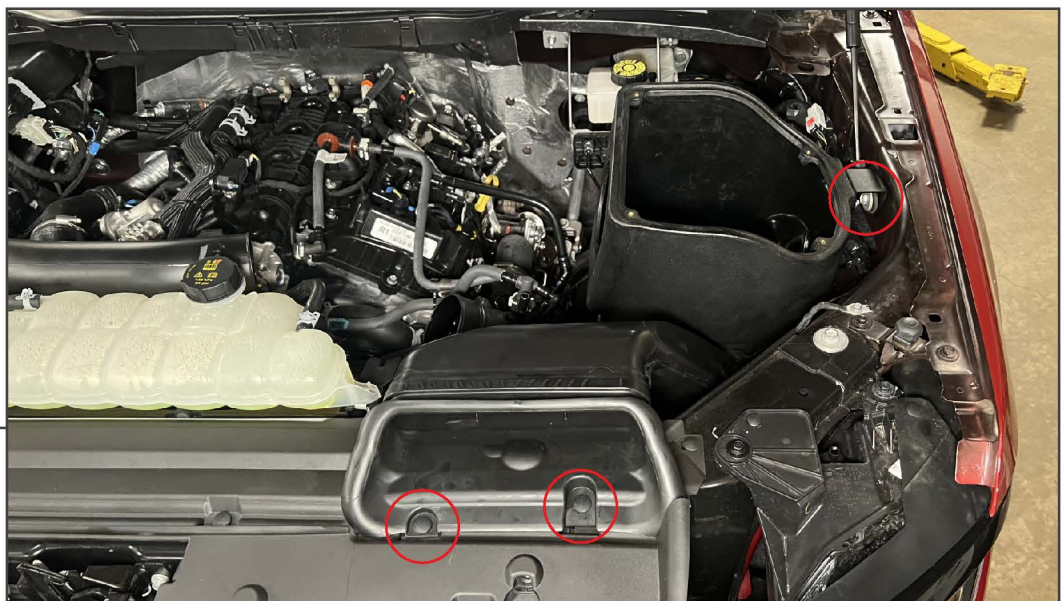
Install the included mounting bracket under the intake tube side of the air box using (2) M6 x 12mm bolts. This bracket will be used to secure the OEM vacuum canister & wiring harness.



STEP 7

Turn the IAT sensor counter-clockwise, and firmly pull the sensor from the intake tube. Fit the included IAT sensor grommet into the air filter adapter.

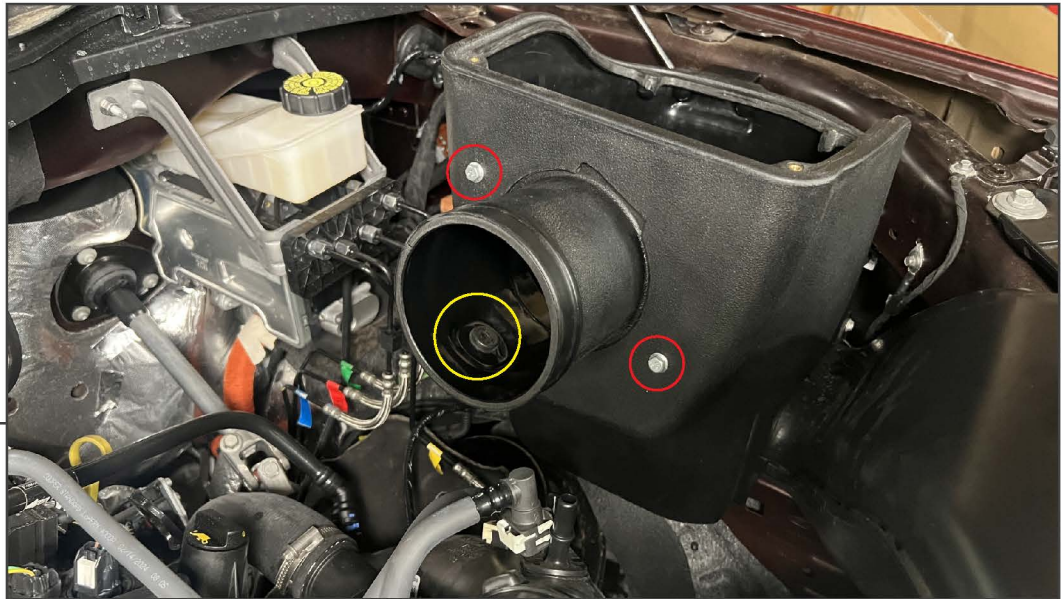
Do not install the sensor into the housing at this time, the diagram above is for demonstration purposes.



STEP 8

Fit the air box and ducting into the engine bay, and secure into place by pressing the air box into the vehicle rubber grommets and using the original (1) 13mm bolt.

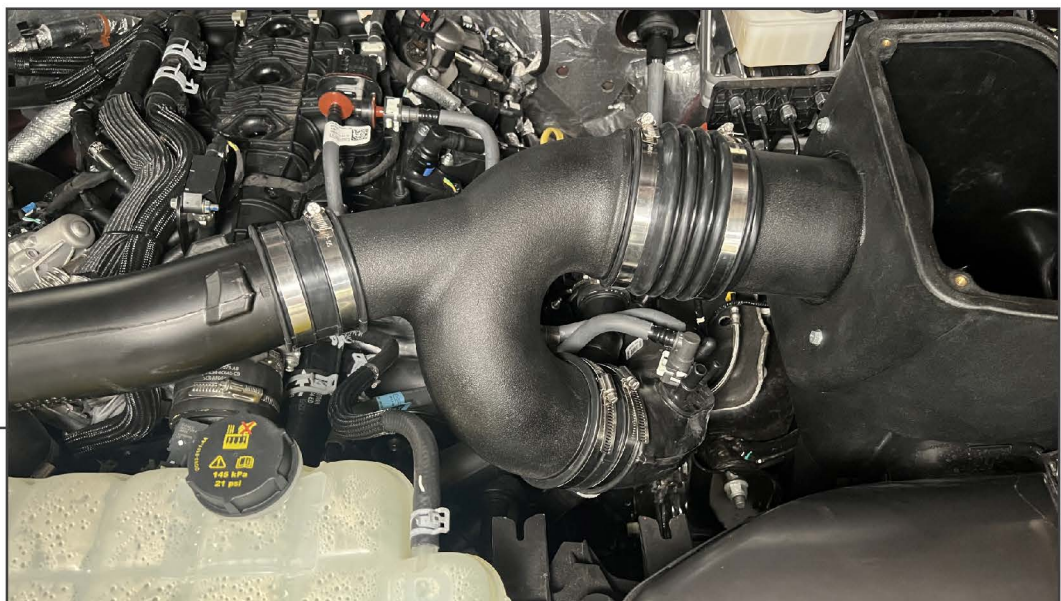
Secure the ducting to the vehicle reusing the original (2) plastic push clips.



STEP 9

Fit the air filter adapter to the air box by sliding the adapter through the air box, utilizing the slotted location to fit the IAT sensor port. Secure the air filter adapter using (2) M6 x 20mm bolts.

Press the IAT sensor into the air filter adapter until secure.



STEP 10

Fit the appropriate intake tube coupler w/ clamps to the intake tube, and fit the intake tube to the vehicle intake tubes and the new air box. Adjust the components to best fit, and tighten the clamps to secure into place.



STEP 11



Fit the air filter to the air filter adapter inside of the air box. Tighten the air filter hose clamp until secure.

STEP 12



Fit the air box lid to the air box, and secure using (4) 10-24 bolts w/ plastic washers. Tighten until secure.

Installation is now complete.