

INSTALL INSTRUCTIONS FOR 75-5144

PART#: 75-5144 / 75-5144D



PRINT

Vehicle Application

YEAR: 2017 - 2019

MAKE: Chevrolet / GMC

MODEL: 2500 / 3500

ENGINE: 6.6L Duramax L5P

Note:

This intake kit may not fit with the following Aftermarket Parts installed:

- Body Lift or Lowering Kit
- Custom Hood
- Throttle Body Spacer / Upgrade

Tools Required

- 8mm, 10mm, 13mm Wrench/Socket
- T20 Torx
- Phillips Screwdriver
- Panel Popper

Note: Approximate Install Time: 0 Hr 30 Mins.

KF-1081 (https://www.sbfilters.com/replacement-filters/filters-sb-intakes/kf-1081?variant_id=761) Cotton Cleanable : If the enclosed filter is RED, it came pre-oiled from the factory.

Click here (https://www.sbfilters.com/replacement-filters/filters-sb-intakes/kf-1081?variant_id=761) for exact oil amount required for cleaning.

KF-1081D (https://www.sbfilters.com/replacement-filters/filters-sb-intakes/kf-1081?variant_id=762) Dry Extendable : If the enclosed filters is WHITE, it is a disposable filter and should be discarded once it reaches capacity. This filter does not require oil.

CARB Status - PENDING

Before You Start

- Please read the entire product guide before proceeding.
- Ensure all parts are present.
- If you are missing any of the components, call our customer support at (909) 947-0015.
- Do not work on your vehicle while the engine is hot.
- Make sure the engine is turned off and the vehicle is in Park or the Parking Brake is set.

Related Products

- Cotton Cleanable Filter (
KF-1081 (https://www.sbfilters.com/replacement-filters/filters-sb-intakes/kf-1081?variant_id=761))
- Dry Extendable Filter (
KF-1081D (https://www.sbfilters.com/replacement-filters/filters-sb-intakes/kf-1081?variant_id=762))
- Cleaning & Oiling Kit (88-0008 (<https://www.sbfilters.com/cleaning-kits/precision-ii-cleaning-oil-kit>))

Air Box Plug Testing

Stock air boxes are a significant contributor to poor airflow which is why S&B designs custom air boxes with secondary and/or enlarged openings. With that said, S&B recognizes the benefits of cooler air. For optimal performance, we recommend that the intake be used without the end cap except in conditions of extreme heat.

Performance Testing

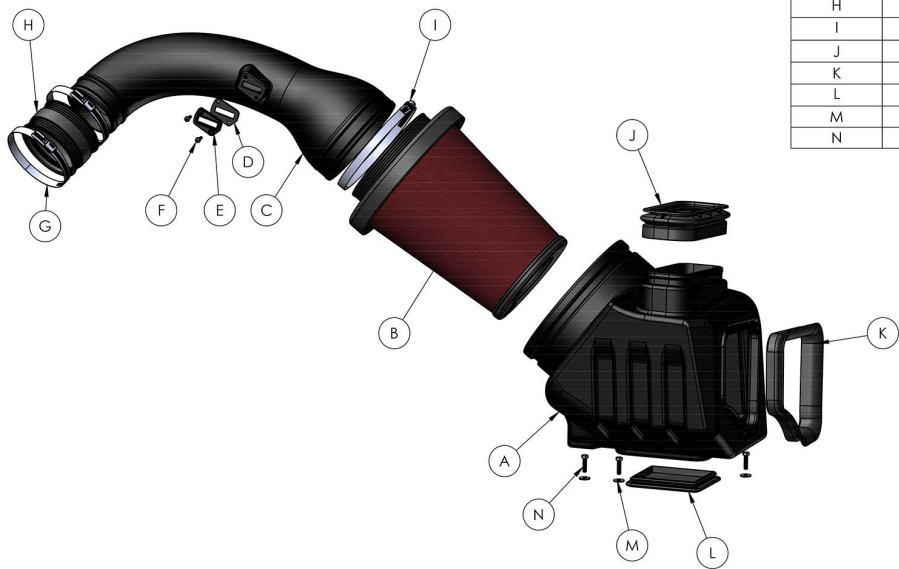
- After your installation is complete engage parking brake and start your engine. Listen for abnormal noises. If an air leak is detected, re-inspect hoses and connections as they may need to be repositioned and tightened
- S&B FILTERS recommends that you keep your OE intake system in the event it is required in the future.
- In order to maintain your warranty, all connections and components must be checked periodically for alignment and for proper tension on all connections. Failure to do so may void your warranty.
- Use only S&B FILTERS cleaning and oil products to service your filter. Using any other brand oil and or cleaners on your S&B air filter may void your warranty.

Warning!

If your vehicle has a Vehicle Emission Control Information decal affixed to the factory airbox, a new replacement label must be obtained and installed in a readily visible position in the engine compartment in order to remain CARB compliant. Failure to do so will prevent the vehicle from passing a smog check. Replacement labels can be ordered from your local dealership. Regulations state that the VECI label shall not be affixed to any equipment which is easily detached from the vehicle. Label placement, under the hood on a painted surface, is recommended.

EXPLODED VIEW

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
A	AL1379B-00	Airbox	1
B	KF-1081	Air Filter	1
C	AL1379-00	Intake Tube	1
D	AI1823-00	Maf Gasket	1
E	AI1822-00	Maf Pad	1
F	AI1837-00	MAF Screw, #8-32	2
G	AG1018-00	Hose Clamp, #64	2
H	AI1354C-00	Silicone Coupler	1
I	AG1025-00	Hose Clamp, #128	1
J	AI2556C-00	Silicone Hood Seal	1
K	AI1550C-00	Silicone Fender Seal	1
L	AI1892C-00	Silicone Box Plug	1
M	AI1755-00	M6 Washer	3
N	AI1415-00	Hex Bolt, M6	3



INSTALLATION STEPS



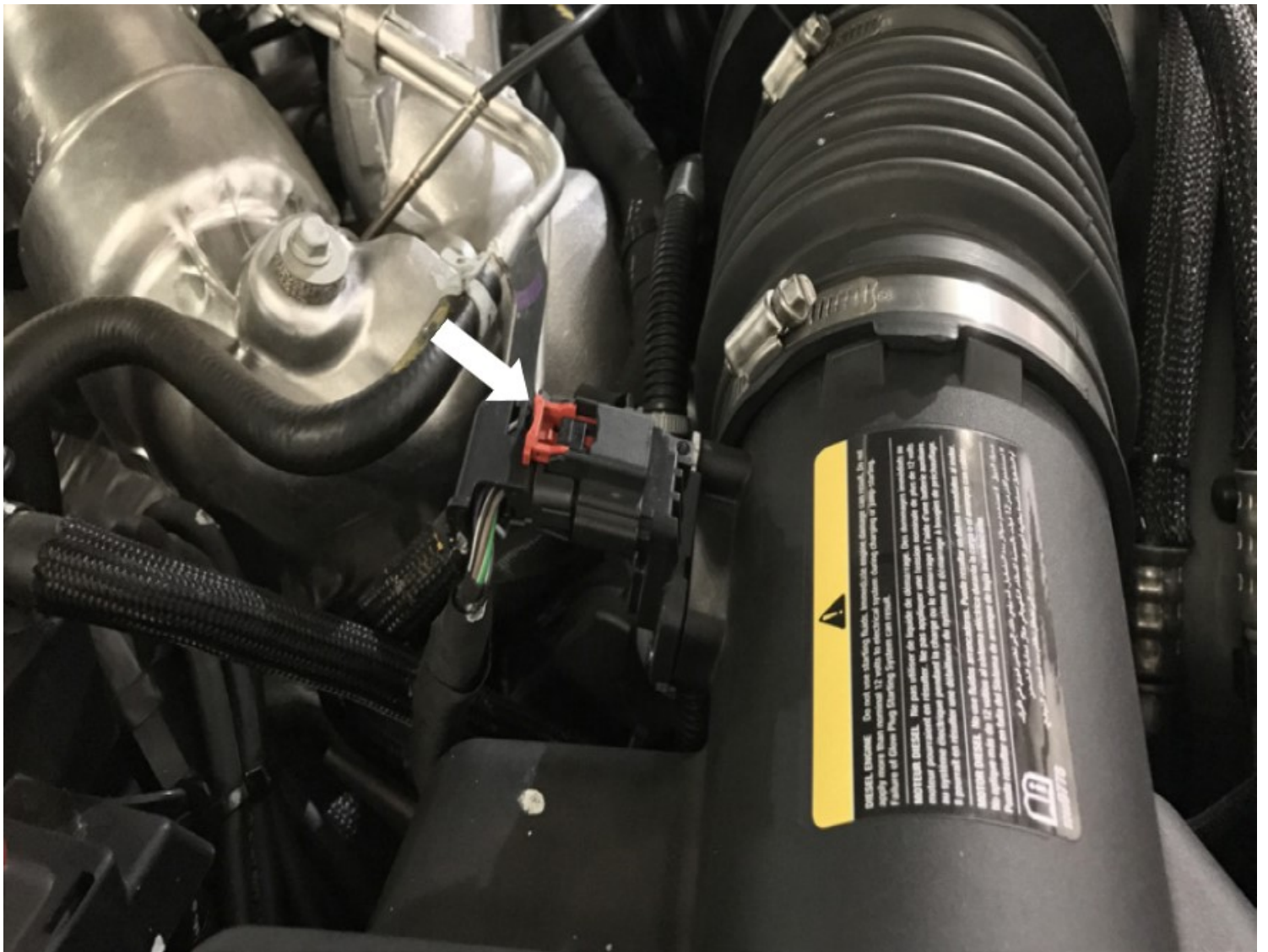
STEP 1

With the ignition switched off and the parking brake set, disconnect the negative battery cables on both batteries.

IMPORTANT: Failure to disconnect the battery for a minimum of 2 hours may cause the Check Engine Light to illuminate upon completion of the installation or subsequent operation.

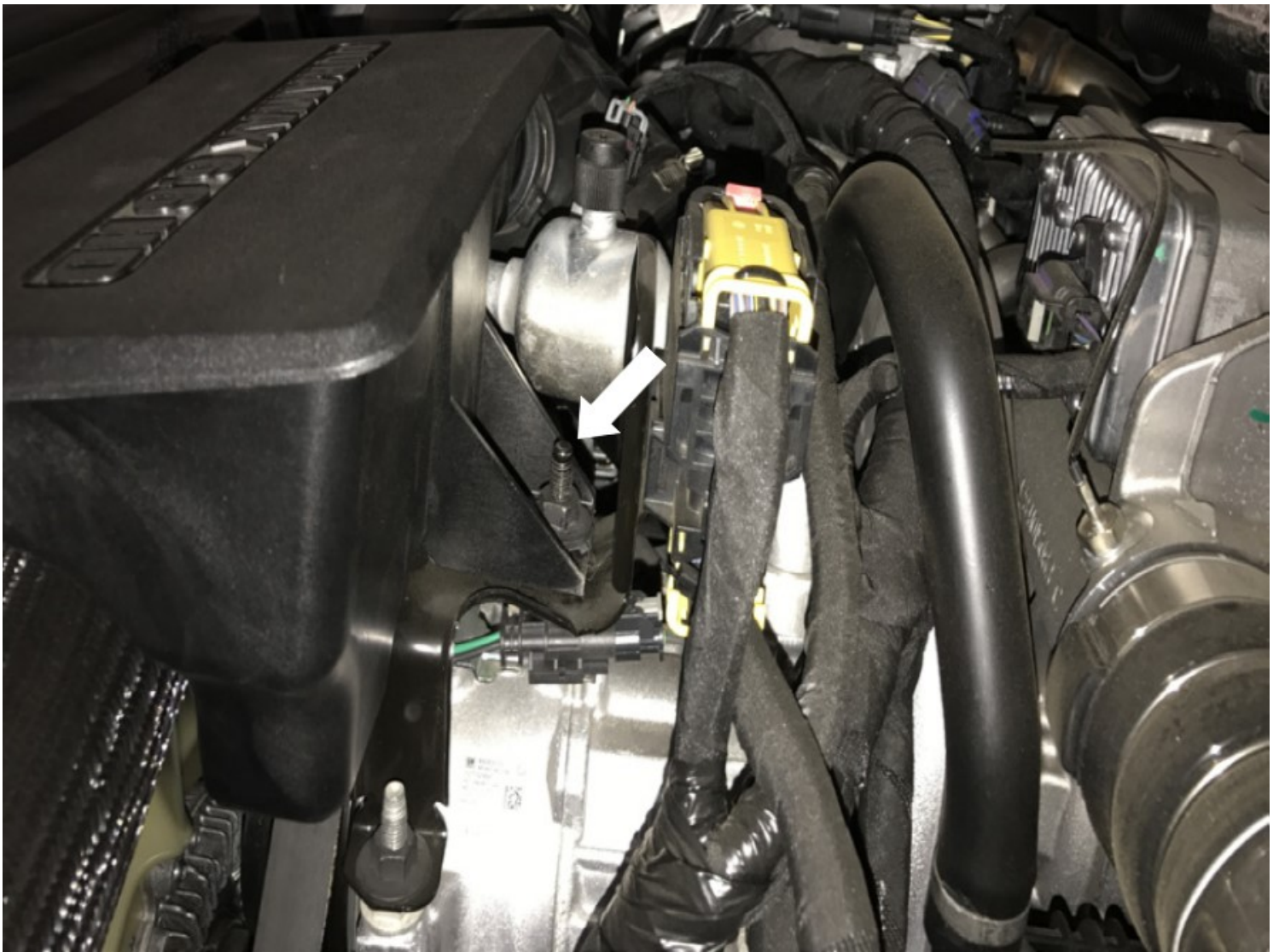
DO NOT SKIP THIS STEP!

Tool Required: 10 mm Socket/Wrench



STEP 2

Disengage the red locking clip, press down on the tab, then pull out to disconnect the electrical harness from the MAF sensor.



STEP 3

Remove the nut securing the stock resonator.

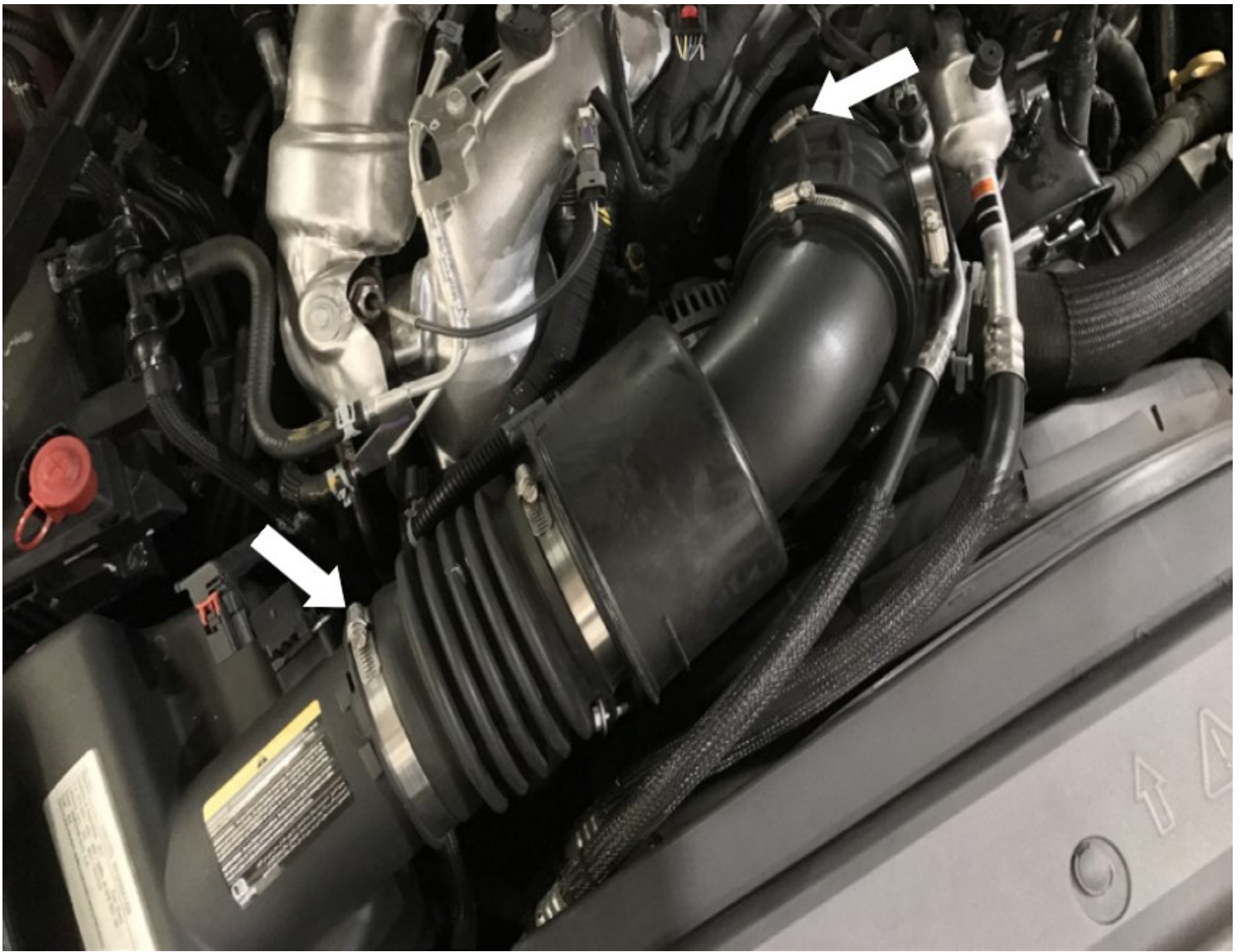
Tool Required: 13 mm Socket/Wrench



STEP 4

Loosen the hose clamp at the resonator then remove the resonator from the intake tube.

Tool Required: 8mm Socket/Wrench



STEP 5

Loosen the hose clamp at the turbo inlet and intake box then remove the intake tube from the vehicle.

Tool Required: 8mm Socket/Wrench



STEP 6

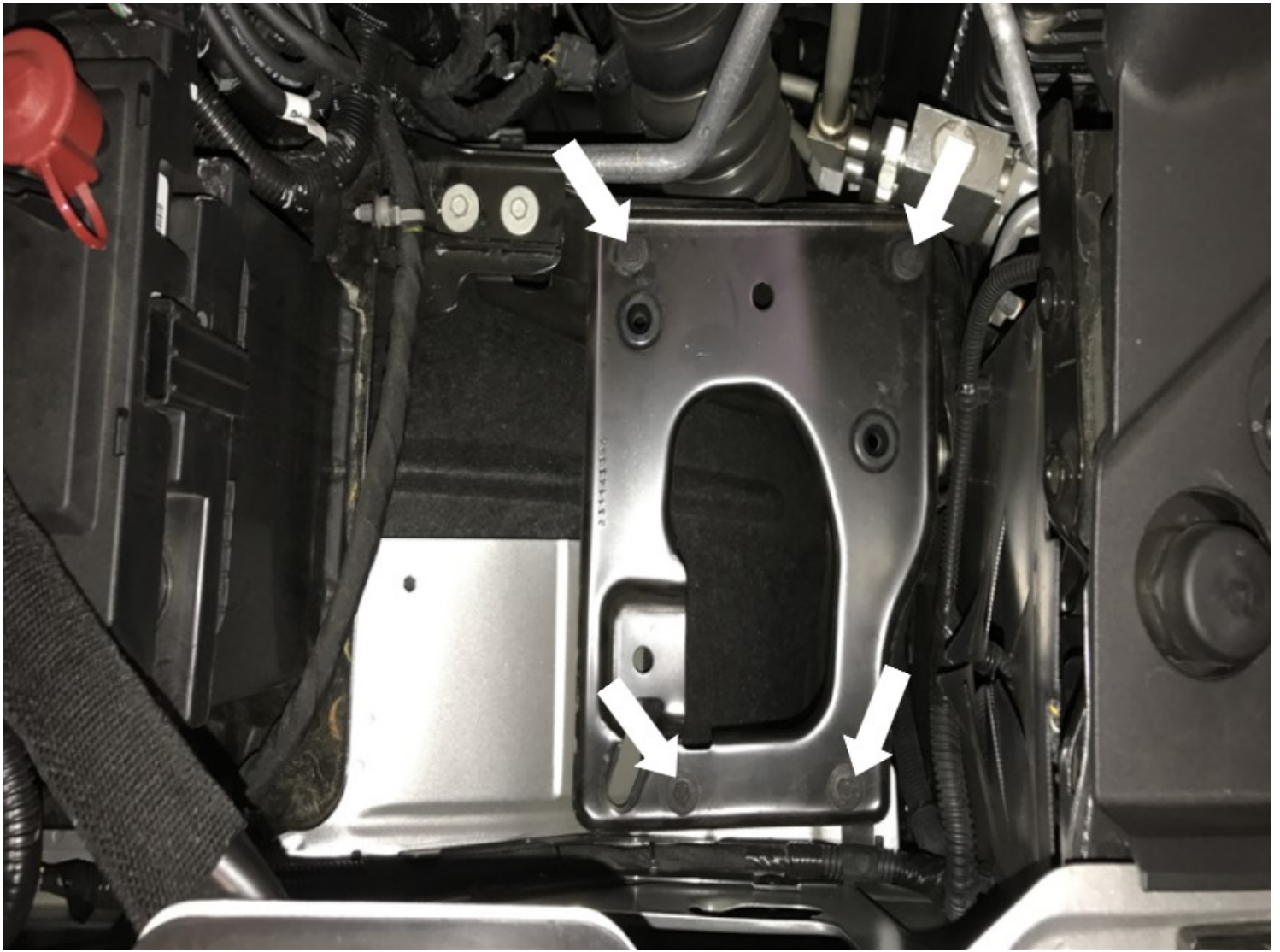
Disconnect the two black clips securing the MAF electrical harness to the intake box.

Tool Required: Panel Popper



STEP 7

Lift the intake box to pull the prongs from the grommets and remove the intake box from the vehicle.



STEP 8

Remove the four bolts securing the intake box tray, then remove the tray from the vehicle.

Tool Required: 10 mm Socket/Wrench



STEP 9

Install the Fender Seal (K) onto the Intake Box(A).



STEP 10

Install the scoop seal (J) onto the intake box(A).

STEP 11

Determine if you want to install the Box Plug (L) onto the Intake Box or leave it open.



STEP 12

Carefully remove the MAF sensor from the stock intake tube then install the sensor onto the S&B Intake Tube (C) with the #8-32 Screws (F), MAF Plate (E) and MAF Gasket (D).



STEP 13

Install the Coupler (H) with #64 Hose Clamps (G) onto the Intake Tube (C). Slide the coupler as far up the intake tube as possible. Do not tighten the hose clamps at this time.



STEP 14

Place the Intake Box (A) into the vehicle.



STEP 15

Align the holes on the Intake Box with the mounting holes on the vehicle then install the three M6 Bolts (N) and Washers (M) and tighten.

Tool Required: 10mm Socket/Wrench



STEP 16

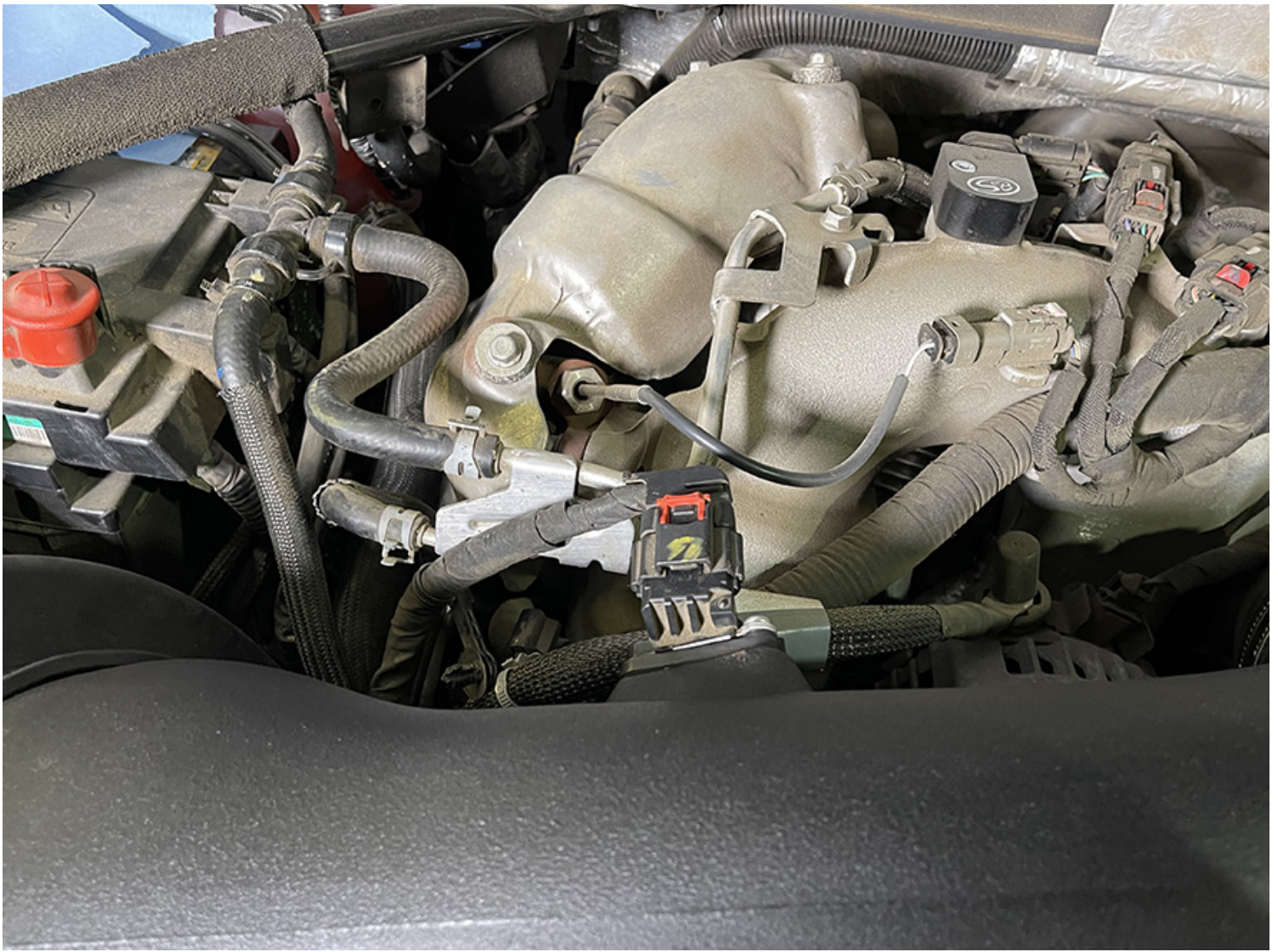
Install the filter (B) into the intake box (A). The lip of the filter should go over the flange on the box and snap onto it.



STEP 17

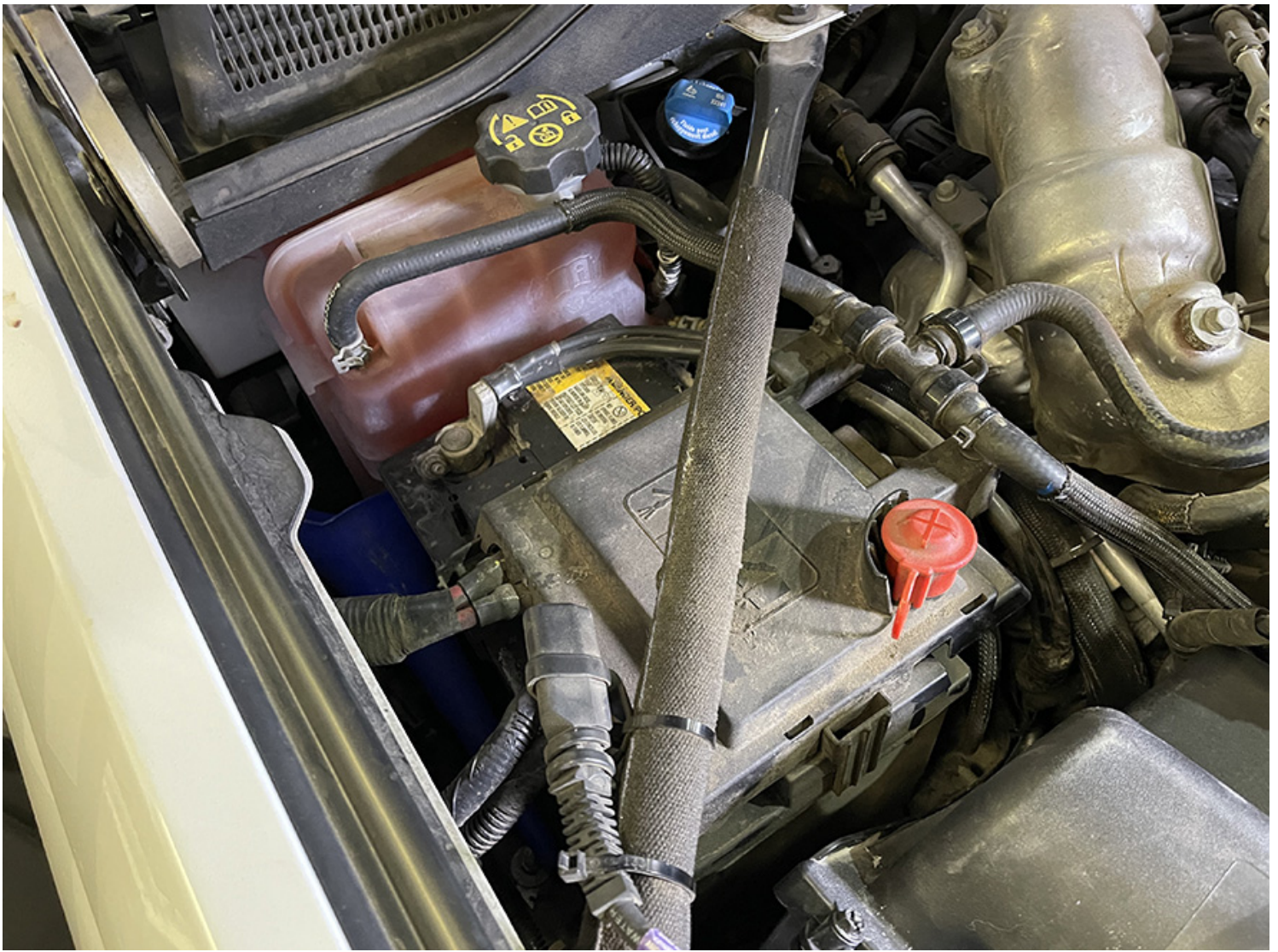
Insert the intake tube (C) into the filter (B). Align the turbo side with the turbo inlet and slide the coupler (H) down over the turbo inlet. Tighten the hose clamps at the filter and turbo sides of the tube.

Tool Required: 8mm Socket/Wrench



STEP 18

Reconnect the electrical harness into the MAF sensor and engage the red locking clip.



STEP 19

Reconnect the negative battery terminals on both batteries. Inspect your installation, make sure the kit is properly positioned and all fasteners are secure. Keep all stock parts in case you ever need to reinstall the stock intake assembly. Affix the ID label near the intake kit. The installation is now complete.

