



Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS

PART NUMBER:

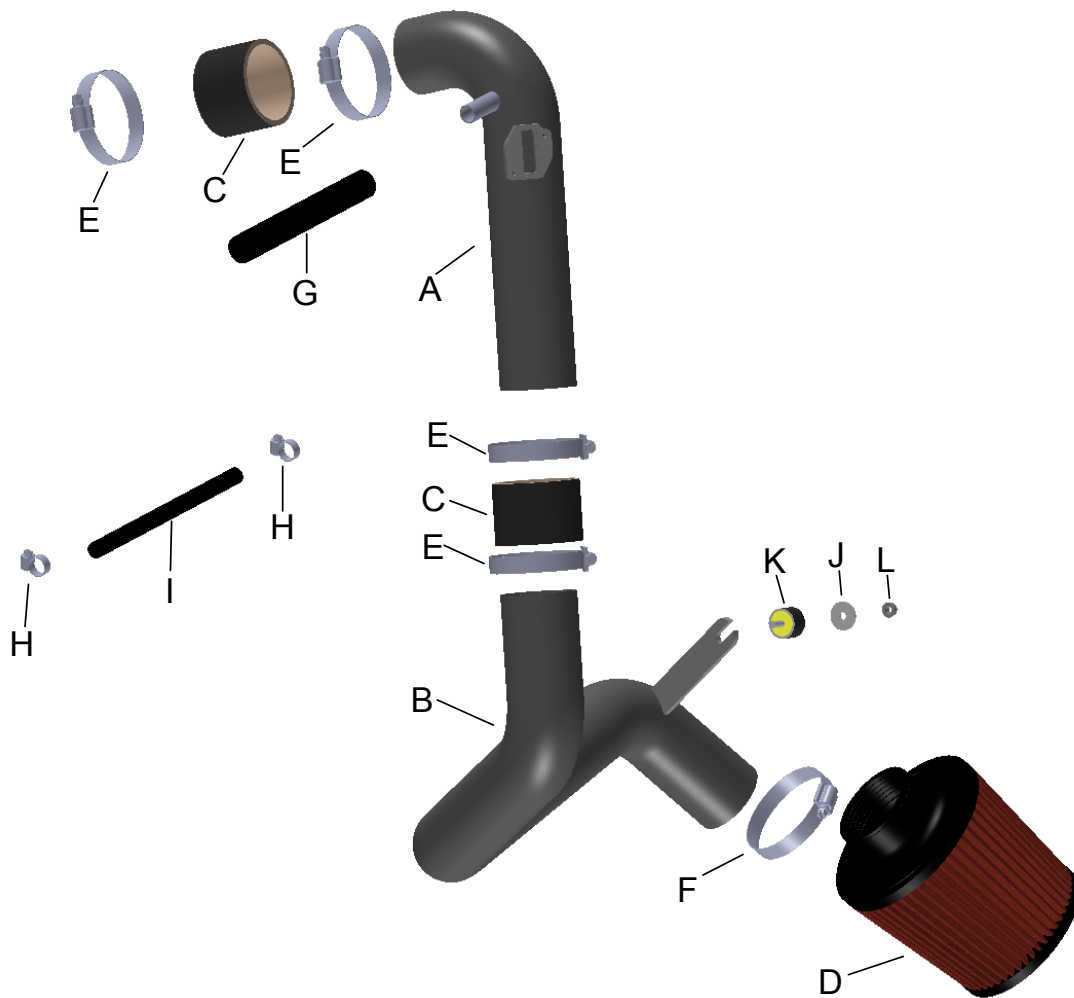
21-714C (Gun Metal Grey Finish)

21-714P (Vacuum Metalized Chrome - VMC)

2012-2014 Honda Civic L4-1.8L C.A.R.B. E.O. # D-670-21

PARTS LIST

Description	Qty.	Part Number
A	1	2-1488C/P
B	1	2-1489C/P
C	2	5-252
D	1	21-2011DK
E	4	9440
F	1	9444
G	1	5-7007
H	2	4093-3
I	1	5-2017
J	1	08160
K	1	1228598
L	1	444.460.04



Read and understand these instructions **BEFORE** attempting to install this product. Failure to follow installation instructions and not using the provided hardware may damage the intake tube, throttle body and engine.

The AEM® intake system is a performance product that can be used safely during mild weather conditions. During harsh and inclement weather conditions, you must return your vehicle to stock OEM airbox and intake tract configuration. Failure to follow these instructions will void your warranty.

1. Preparing Vehicle

- a. Make sure vehicle is parked on level surface.
- b. Set parking brake.
- c. If engine has run in the past two hours, let it cool down.
- d. Disconnect negative battery terminal.

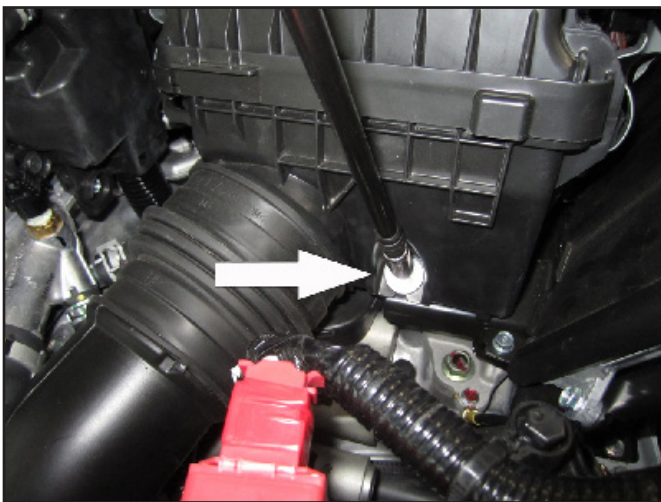


- e. Raise the front of the vehicle with a jack. Refer to your owner's manual for proper jack and jack stand placement to properly support vehicle. Support your vehicle using properly rated jack stands before wheel removal or while working under the vehicle. Remove the driver side wheel.

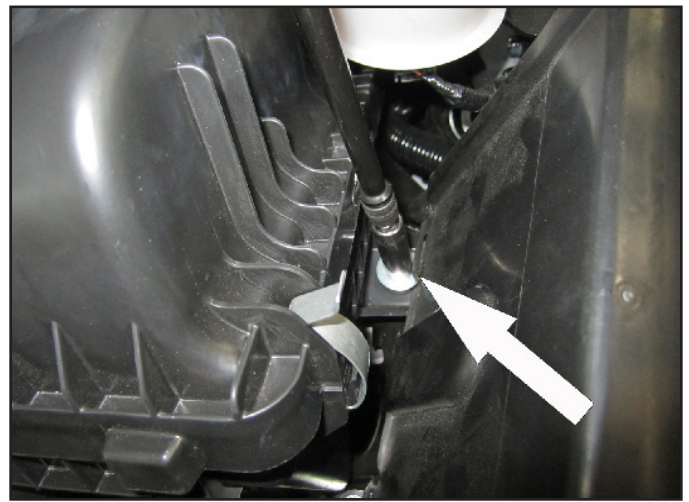
NEVER WORK UNDER A VEHICLE WITHOUT USING JACK STANDS.

- g. Do not discard stock components after removal of the factory system.

2. Removal of stock system



a. Remove the front 10mm bolt securing the factory air box.



b. Remove the right 10mm bolt securing the factory air box.



c. Disconnect the air duct from the front of the factory air box.



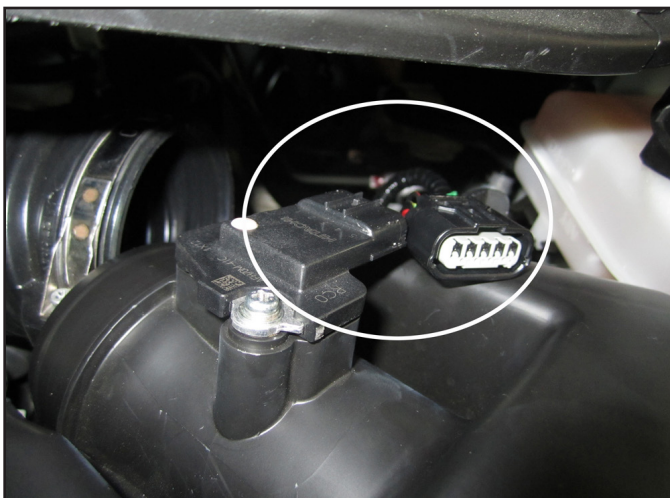
d. Pull the air duct out of the vehicle's engine compartment.



e. Loosen the hose clamp at the air box.



f. Pull up firmly to dislodge the air box from the mounting grommets, then pull it forward.



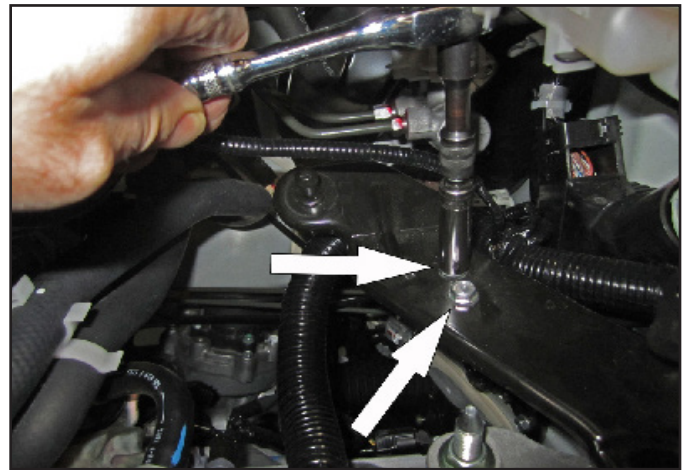
g. Disconnect the mass air flow sensor.



h. Release the mass air sensor clip on the air box.



i. Remove the air box from the vehicle's engine compartment.



j. Remove the back two 10mm bolts securing the air box bracket.



k. Remove the front top 10mm bracket bolt.



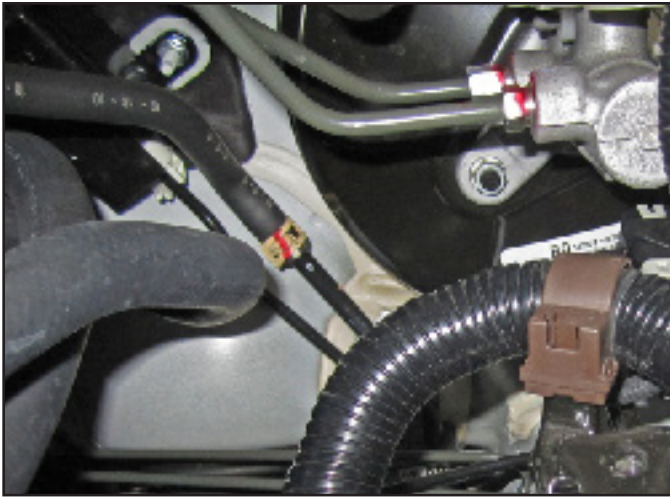
l. Remove the lower 10mm bracket bolt.



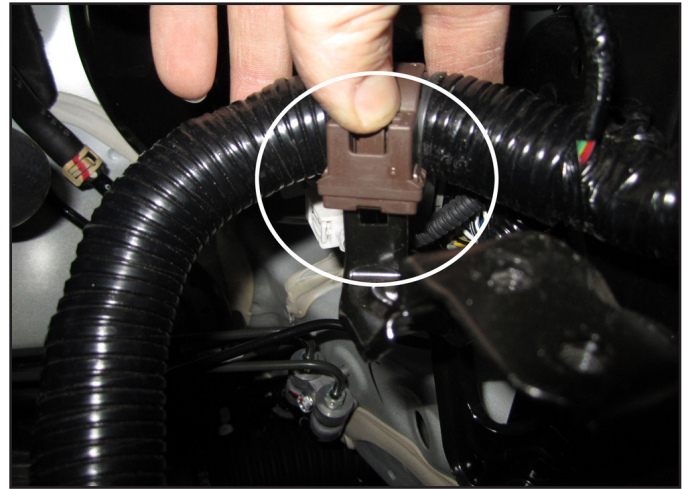
m. Remove the upper 10mm ECU bolt.



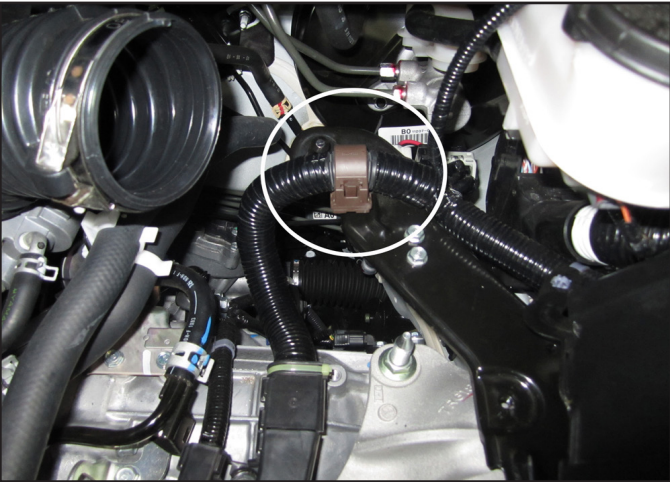
n. Move the ECU to gain access to the remaining 10mm bracket bolt. Remove bolt.



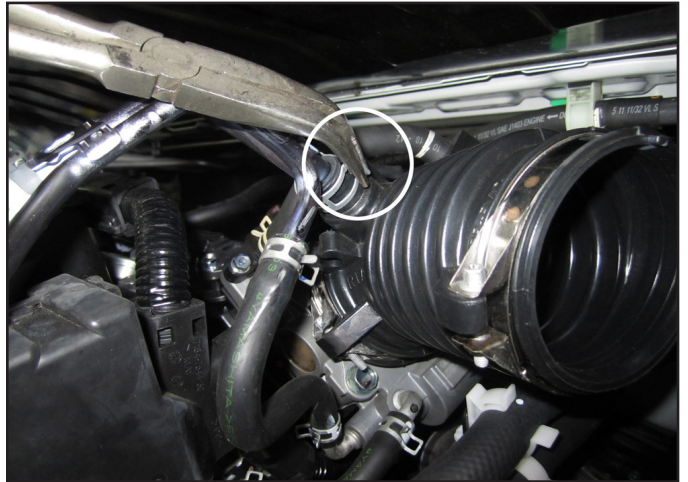
o. Remove the bracket.



p. Release the wire harness clip from the bracket.



q. Reinstall the bracket back into the engine compartment, moving the wire harness on top of the bracket.



r. Release the clip on the PCV pipe and remove the pipe from the intake tube.



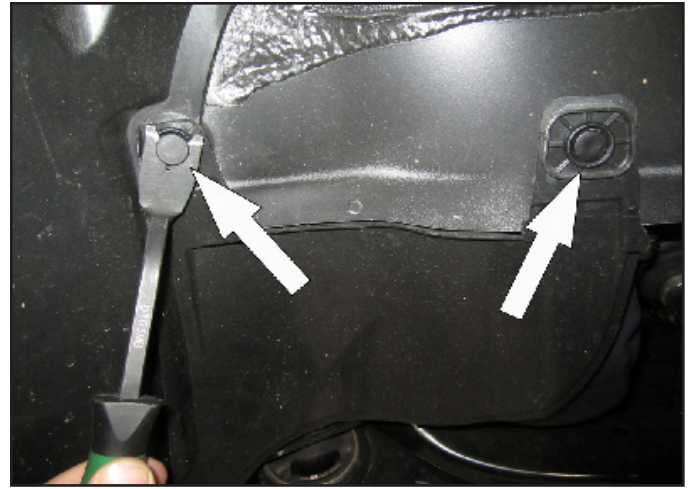
s. Release the clip on the valve cover for the PCV hose, then remove the hose from the valve cover.



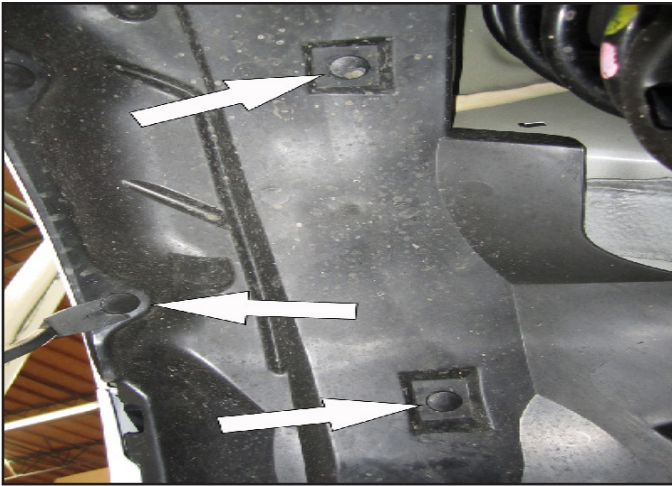
t. Loosen the hose clamp at the throttle body.



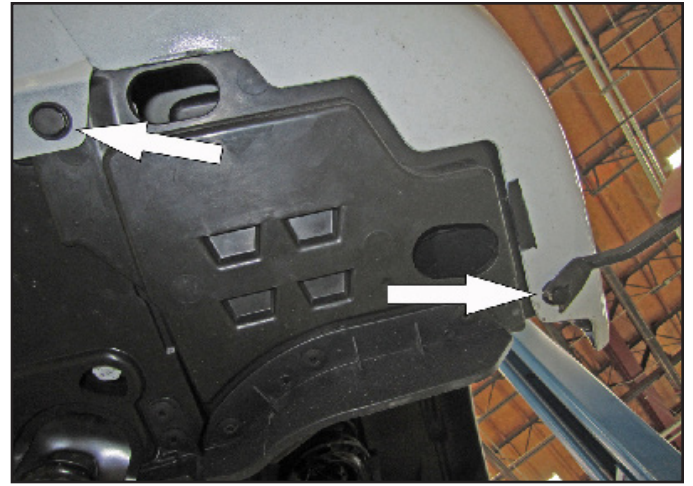
u. Remove the stock intake tube from the vehicle's engine compartment.



v. Remove the two plastic clips securing the side splash shield.



w. Remove the three plastic clips securing the fender liner.



x. Remove the two plastic clips securing the fender liner.



y. Move the fender liner aside to gain access to the fenderwell.



z. Remove the upper 10mm bolt securing the resonator tube.



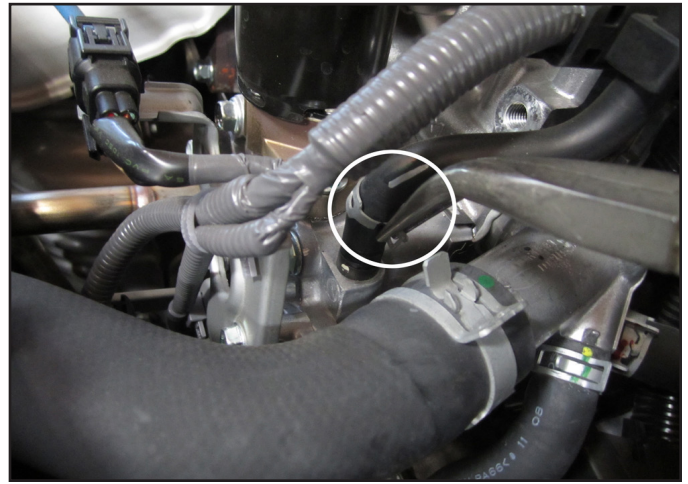
aa. Remove the lower 10mm bolt securing the resonator tube.



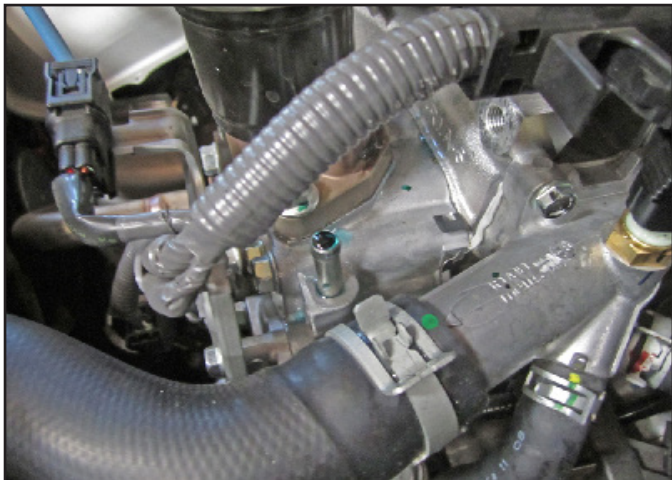
ab. Remove the resonator tube.



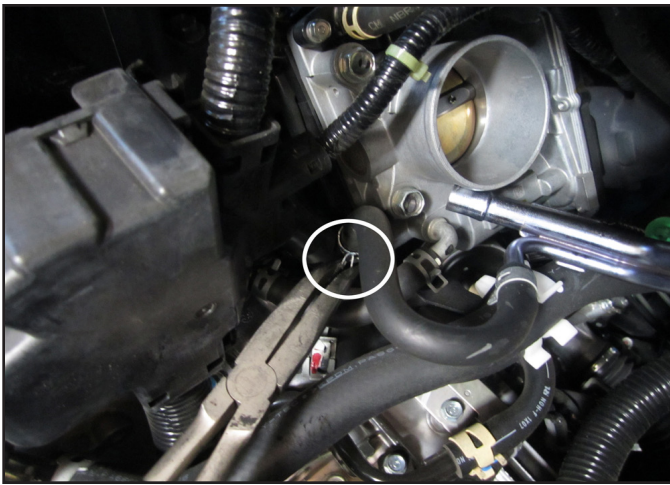
ac. Remove the mass air sensor from the air box.



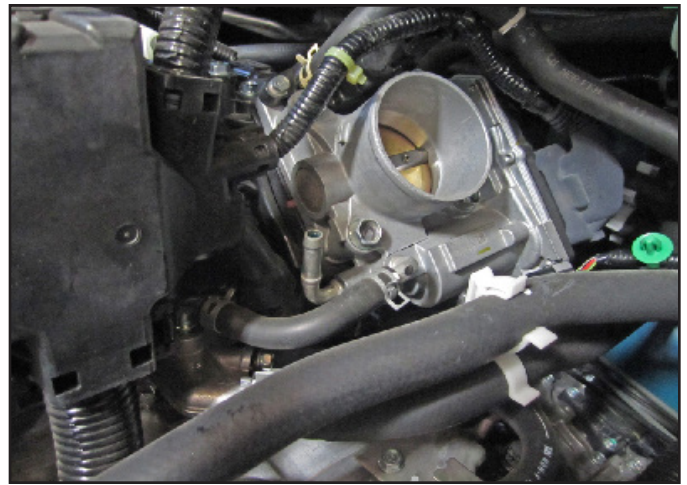
ad. Release the clip on the thermostat housing hose and move upward. **(The car must be cool before proceeding with this step).**



ae. Remove the coolant hose from the thermostat housing. **(Have some rags nearby to absorb any spilled coolant).**



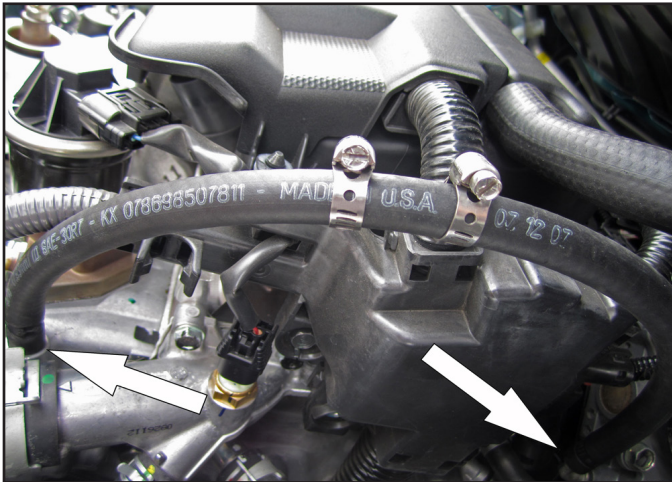
af. Release the clip on the throttle body hose and move upward.



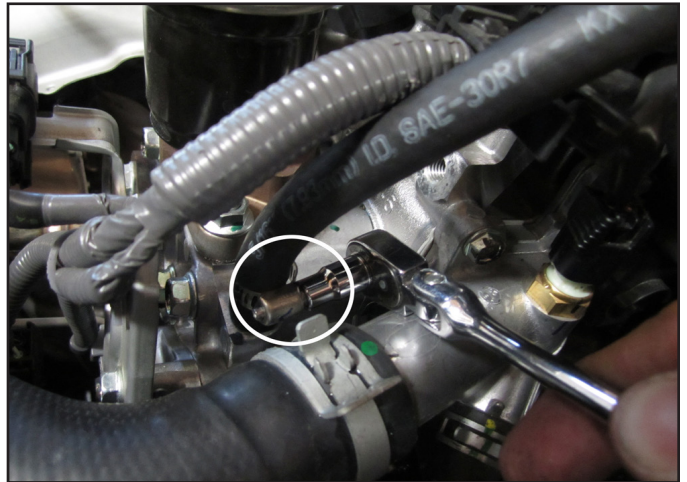
ag. Remove the coolant hose from the throttle body.

3. Installation of AEM® Intake System

a. When installing the intake system, do not completely tighten the hose clamps or mounting hardware until instructed to do so.



b. Install the provided 5/16" coolant hose and clamps onto the engine inlet and the throttle body inlet.



c. Tighten the 1/4" hose clamp on the engine inlet as shown.



d. Tighten the 1/4" hose clamp on the throttle body inlet as shown.



e. Install the mass air sensor into the upper intake tube.



f. Install the coupler and two #40 hose clamps onto the throttle body.



g. Tighten the hose clamp on the throttle body.



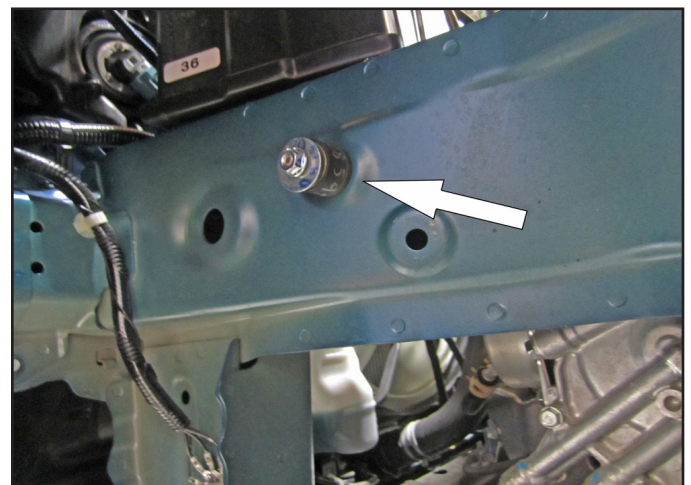
h. Install the coupler and two #40 hose clamps onto the upper intake tube.



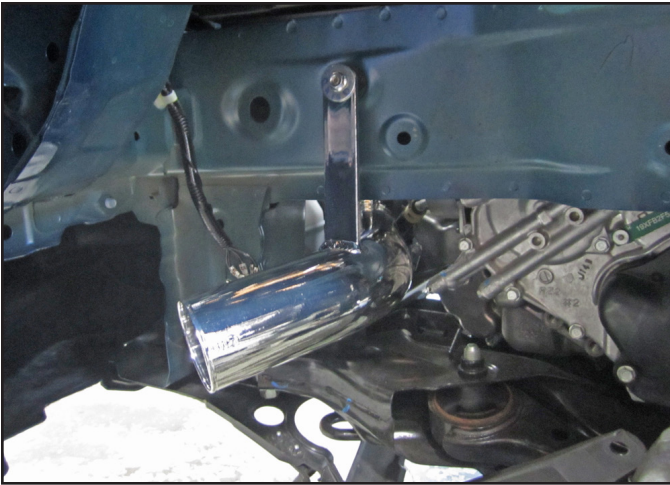
i. Tighten the hose clamp on the upper intake tube.



j. Install the intake tube into the throttle body, but do not tighten the hose clamp.



k. Install the rubber mount with 6mm washer and nut.



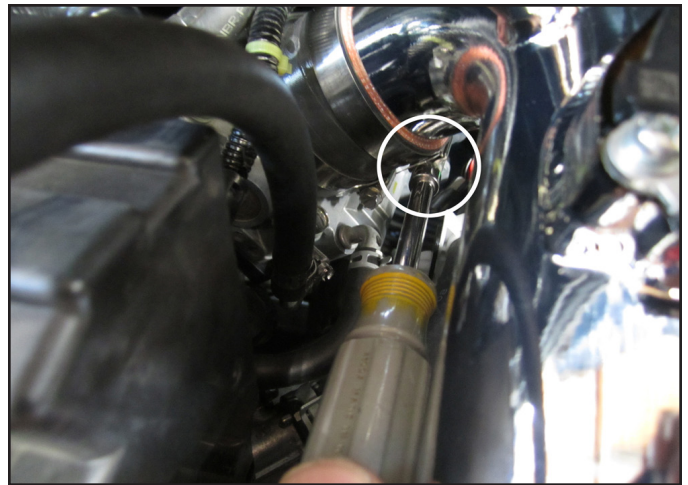
l. Install the lower intake tube.



m. Align the upper and lower intake tubes, but do not tighten the hose clamp.



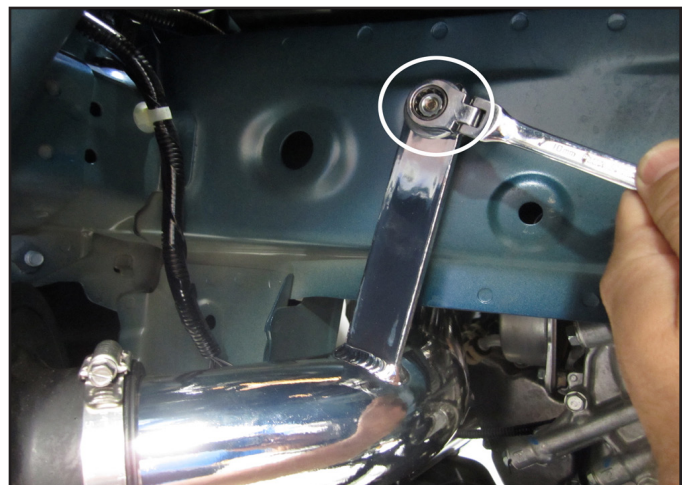
n. Install the AEM® Air Filter onto the lower intake tube and tighten the #44 hose clamp.



o. Align and adjust the upper intake tube for clearance, then tighten the hose clamp on the throttle body.



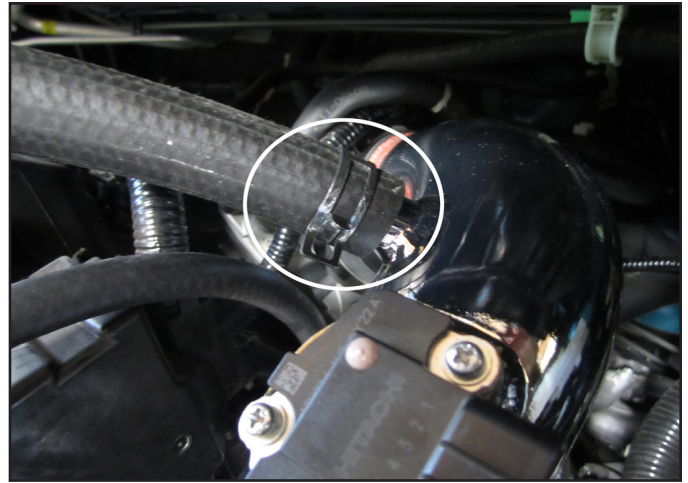
p. Tighten the hose clamp on the lower intake tube.



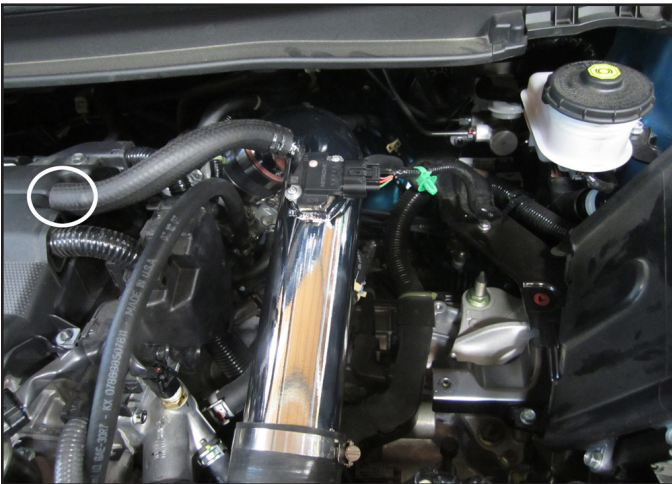
q. Tighten the 10mm nut on the lower intake tube mount. **(Ensure there is no contact with any engine or body component).**



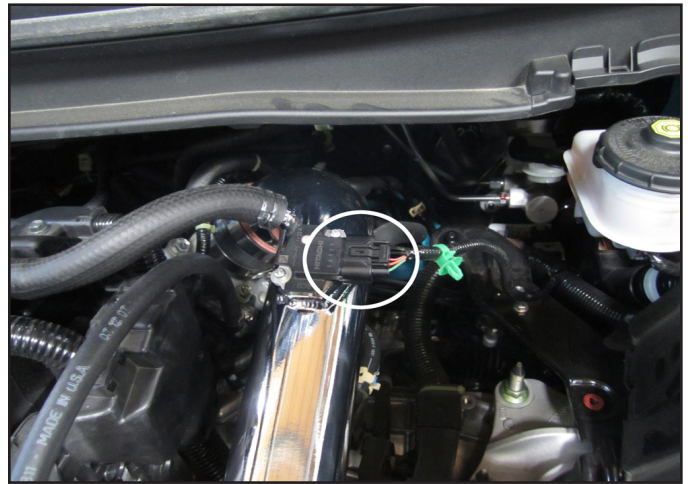
r. Install the OEM PCV clip onto the 5/8" hose.



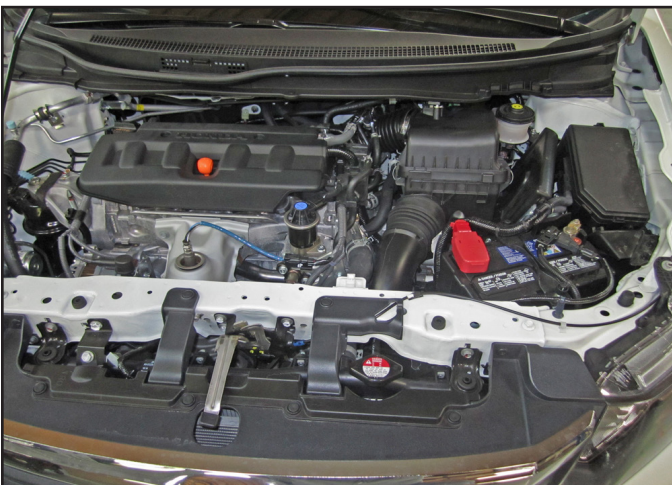
s. Install the PCV hose with the OEM clip onto the intake tube.



t. Install the PCV hose onto the valve cover.



u. Reconnect the mass air sensor.



Stock air box system installed.



AEM® intake system installed.

4. Reassemble Vehicle

- a. Be sure to replenish the coolant that was drained during installation. Be sure to purge the coolant system before driving the vehicle. For any additional details regarding this procedure refer to the factory service manual.
- b. Position the inlet pipes for the best fitment. Be sure that the pipes or any other components do not contact any part of the vehicle. Tighten any rubber mounts (if applicable), all bolts, and hose clamps.
- c. With the engine turned off, have a friend run the shift lever through the gears, and ensure that the counter weight for the shift rod does not contact the intake pipe. If the shifter rod makes contact with the pipe, DO NOT drive the vehicle until this has been corrected by re-adjusting the pipe so it does not make contact.
- d. Wheel: install the driver side wheel using the factory torque specification (see owner's manual).
- e. Check for proper hood clearance. Re-adjust pipes if necessary and re-tighten them.
- f. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- g. Reconnect the negative battery terminal and start the engine. Let the vehicle idle for 3 minutes. Perform a final inspection before driving the vehicle.

5. CARB Sticker Placement

- a. The C.A.R.B. exemption sticker, (attached), must be visible under the hood so that an emissions inspector can see it when the vehicle is required to be tested for emissions. California requires testing every two years, other states may vary.

6. Service and Maintenance

- a. AEM Induction Systems requires cleaning the intake system's air filter element every 100,000 miles. When used in dusty or off-road environments, our filters will require cleaning more often. We recommend that you visually inspect your filter once every 25,000 miles to determine if the screen is still visible. When the screen is no longer visible some place on the filter element, it is time to clean it. To clean, purchase our Synthetic air filter cleaner, part number 99-0624 and follow the easy instructions.
- b. Use window cleaner to clean your powder coated AEM® intake tube.

NOTE: DO NOT USE aluminum polish on powder coated AEM® intake tubes.

For technical inquiries
e-mail us at
sales@aemintakes.com
or
call us at
800.992.3000

AEM Air Intake System Warranty Policy

AEM® warrants that its intake systems will last for the life of your vehicle. AEM will not honor this warranty due to mechanical damage (i.e. improper installation or fitment), damage from misuse, accidents or flying debris. AEM will not warrant its powder coating if the finish has been cleaned with a hydrocarbon-based solvent. The powder coating should only be cleaned with a mild soap and water solution. Proof of purchase of both the vehicle and AEM intake system is required for redemption of a warranty claim.

This warranty is limited to the repair or replacement of the AEM part. In no event shall this warranty exceed the original purchase price of the AEM part nor shall AEM be responsible for special, incidental or consequential damages or cost incurred due to the failure of this product. Warranty claims to AEM must be transportation prepaid and accompanied with dated proof of purchase. This warranty applies only to the original purchaser of product and is nontransferable. Improper use or installation, use for racing, accident, abuse, unauthorized repairs or alterations voids this warranty. AEM disclaims any liability for consequential damages due to breach of any written or implied warranty on all products manufactured by AEM. Warranty returns will only be accepted by AEM when accompanied by a valid Return Merchandise Authorization (RMA) number. Credit for defective products will be issued pending inspection. Product must be received by AEM within 30 days of the date RMA is issued.

If you have a warranty issue, please call (800) 992-3000 and our customer service department will assist you. A proof of purchase is required for all AEM warranty claims.