



Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS

PART NUMBER:

21-700C

(Gun Metal Grey Finish)

21-700P

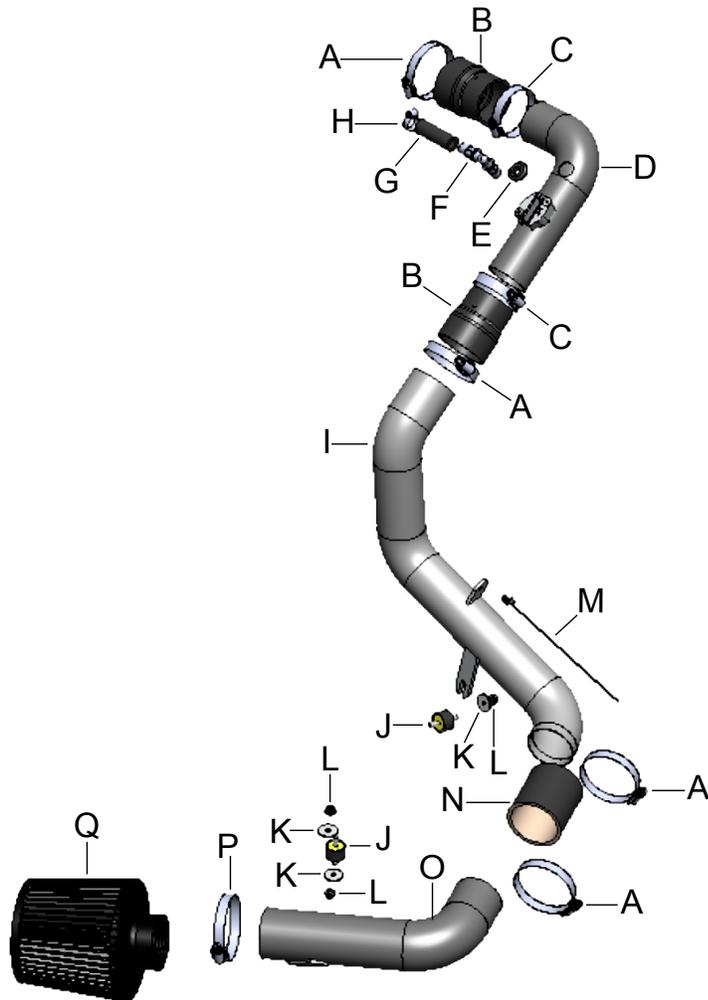
(Vacuum Metalized Chrome - VMC)

2011-2014 HONDA CRZ L4-1.5

C.A.R.B E.O. # D-670-21

PARTS LIST

Description	Qty.	Part Number
A	4	9440
B	2	5-255
C	2	9436
D	1	2-1439C/P
E	1	784634
F	1	8-157
G	1	5-5003
H	1	4093-5
I	1	2-1446C/P
J	2	1228598
K	3	08160
L	3	444.460.04
M	1	1-127
N	1	5-250
O	1	2-1440C/P
P	1	9444
Q	1	21-201DK



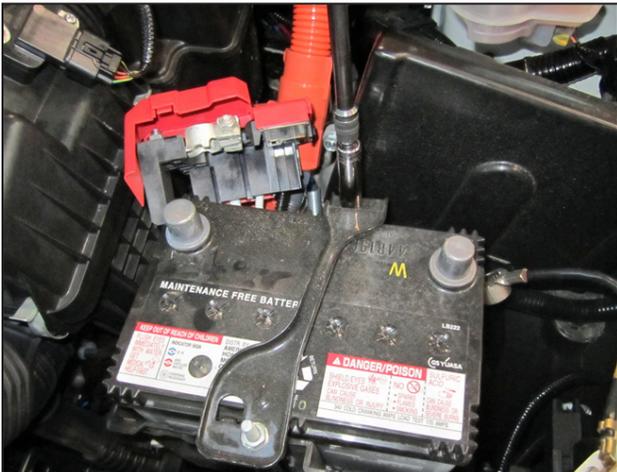
Read and understand these instructions **BEFORE** attempting to install this product. Failure to follow installation instructions and not using the provided hardware may damage the intake tube, throttle body and engine.

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 air box 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.
NEVER WORK UNDER A VEHICLE WITHOUT USING JACK STANDS.
- f. Do not discard stock components after removal of the factory system.

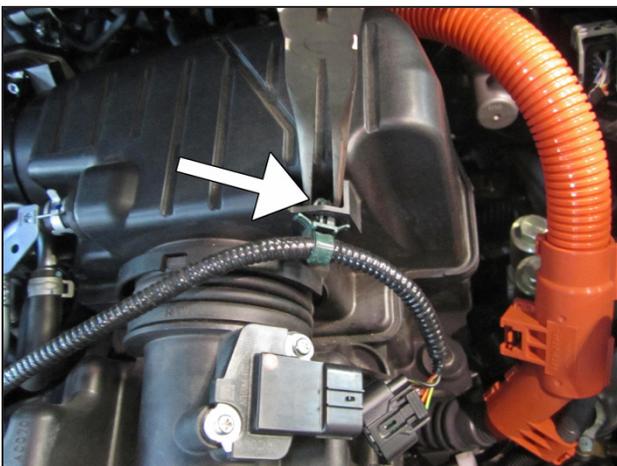
2. Removal of stock system



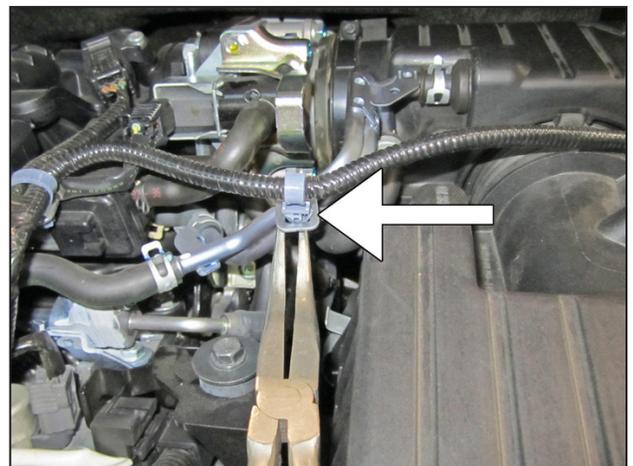
a. Disconnect the positive and negative terminals on the battery. Remove the battery, tie down and cover from the vehicle.



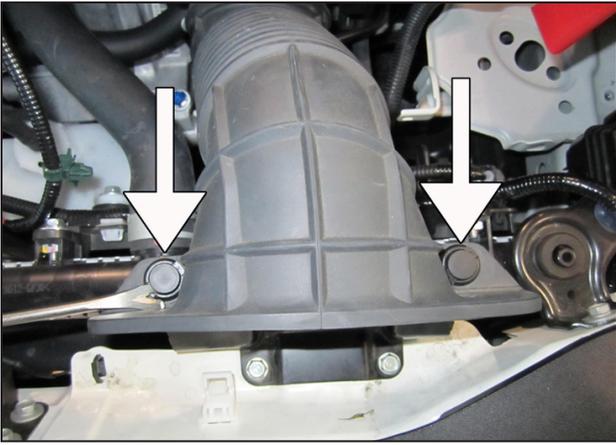
b. Unplug the mass air flow sensor.



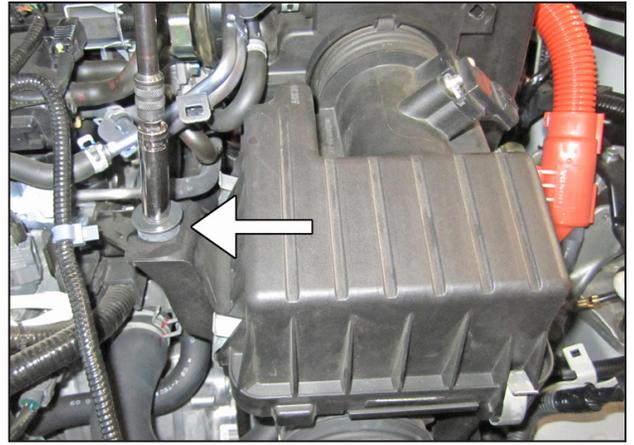
c. Release the clip securing the mass air sensor harness to the air box.



d. Remove the mass air sensor harness clip from the bracket on the PCV line.



e. Remove the 2 clips securing the air scoop.



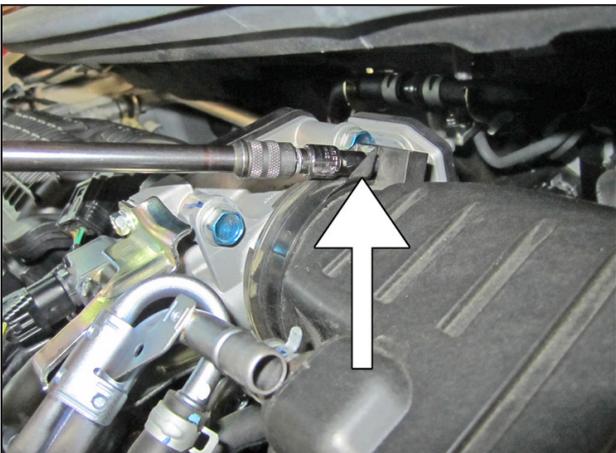
f. Remove the 10mm bolt from the left side of the air box.



g. Remove the 10mm bolt from the right side of the air box.



h. Release the PCV clamp on the grommet and pull the PCV tube out.



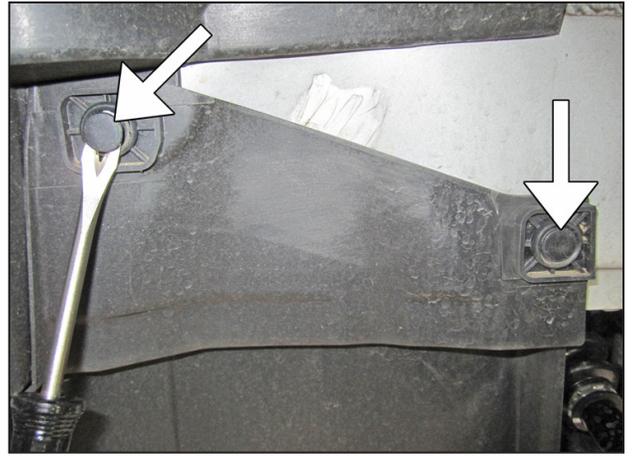
i. Loosen the hose clamp securing the air box system to the throttle body.



j. Remove the stock air box system from the vehicle.



k. Remove the driver side front wheel.



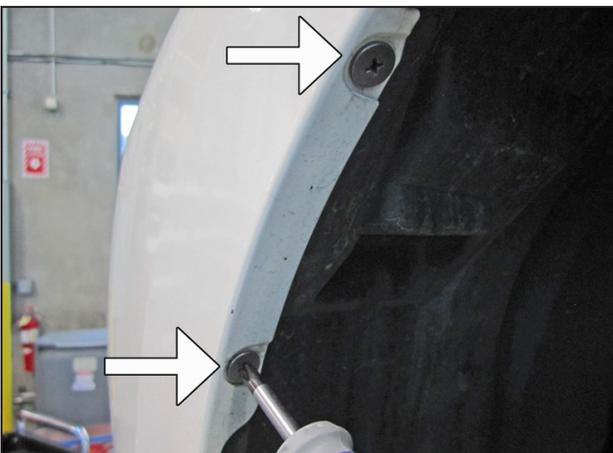
l. Remove the 2 clips securing the inner fender liner.



m. Remove the 4 clips securing the fender liner to the bottom of the front bumper.



n. Remove the Phillips head screws.



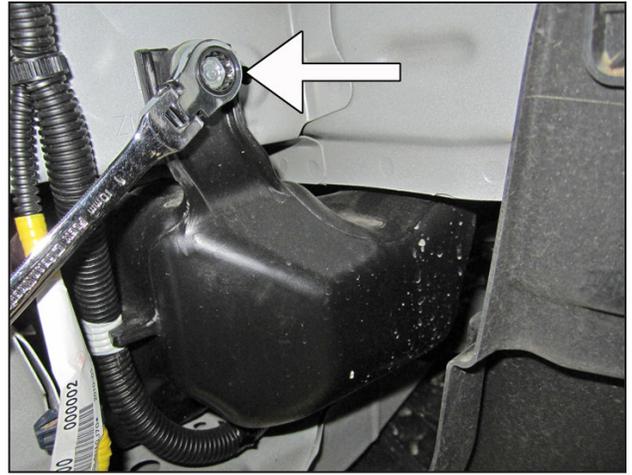
o. Remove the Phillips head screws securing the fender liner to the side of the front bumper.



p. Remove the 9 clips securing the fender liner to the fender well.



q. Bend the fender liner out of the way to access the inner fender area. Use care so the fender liner is not damaged.



r. Remove the top 10mm bolt securing the resonator.



s. Remove the lower 10mm bolt securing the resonator.



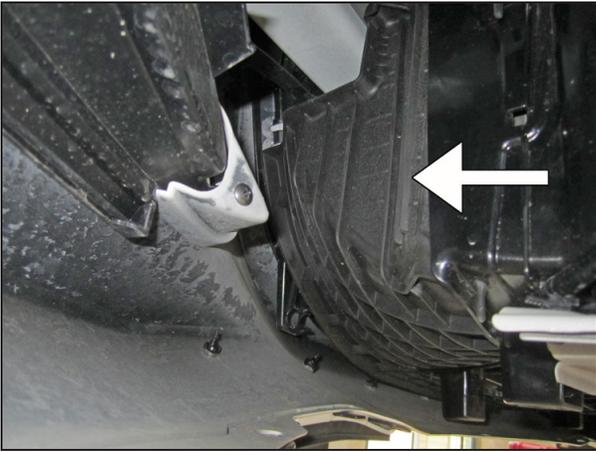
t. Remove the remaining 10mm bolt securing the resonator.



u. Remove the resonator from the vehicle.



v. Remove the 12 clips and the 2 Phillips head screws securing the belly pan in place, then remove the belly pan from the vehicle.



w. From underneath the vehicle, locate the rubber valence on the driver side behind the front bumper.



x. The rubber valence needs to be trimmed on the driver side. Separate the rubber piece from the hard plastic piece by pulling on the rubber portion until the nipples disengage the plastic side of the valence.

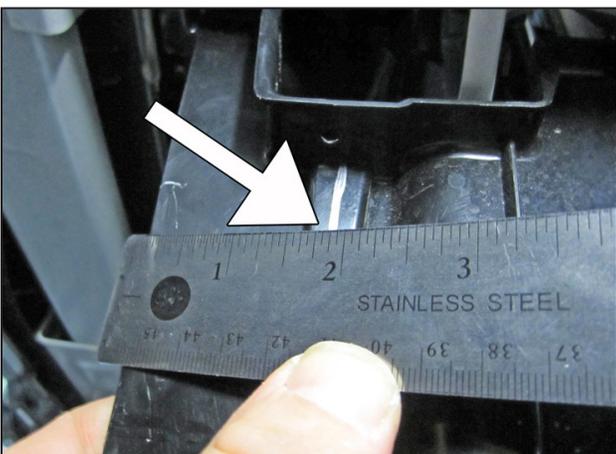


y. Cut the rubber portion of the valence at the narrow section of the valence near the bottom.



Section that was cut in step 2y.

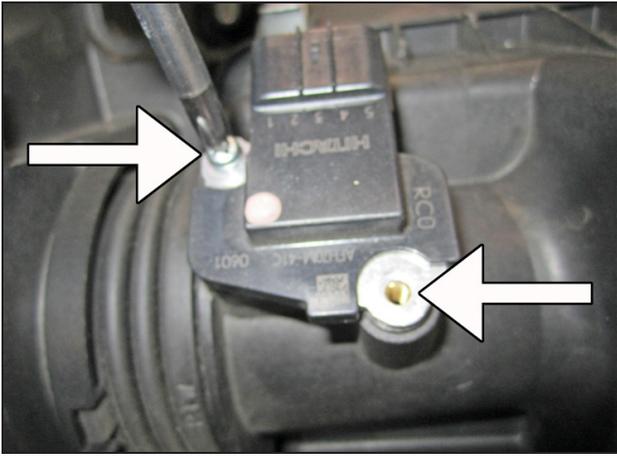
z. Remove the section of the rubber valence that was cut free in the previous step.



aa. Measure and mark 2 inches from the front of the plastic valence.



ab. Trim the valence along the mark, marked in the previous step.



ac. Remove the mass air flow sensor from the stock air box by removing the two Philips head screws. Place the MAF sensor and screws aside, they will be reused during the installation of the AEM® intake system.

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.



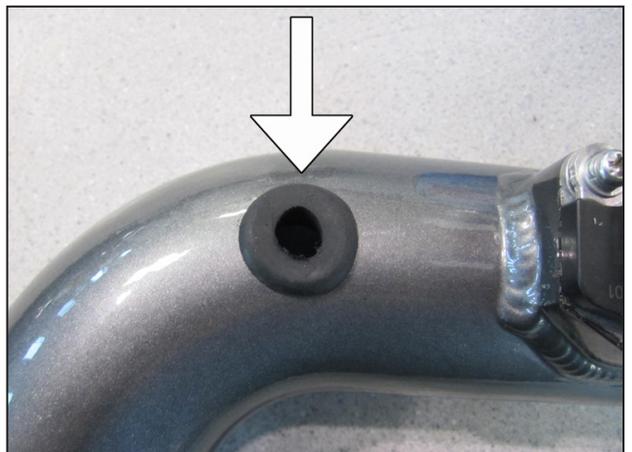
b. Install the mass air flow sensor in the upper intake pipe using the stock MAF screws.



c. Install the reducer coupler and secure to the throttle body with hose clamp (#9440). Slide hose clamp (#9436) onto the open end of the coupler.



d. Insert the 90° fitting (#8-157) into the 1/2" hose (#5-5003) as shown.



e. Insert the rubber grommet (#784634) into the upper intake pipe as shown.



f. Insert the 90° fitting assembly into the grommet as shown.



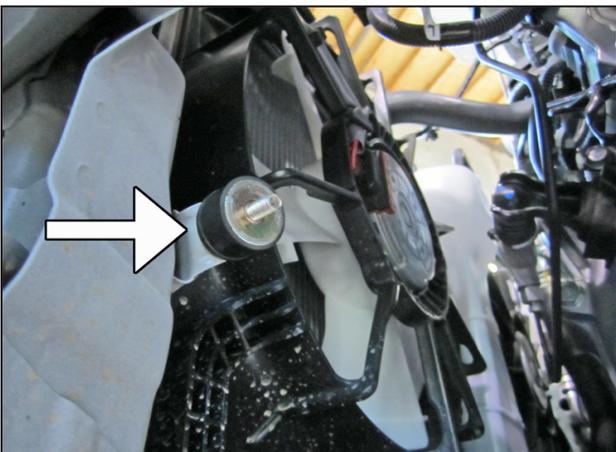
g. Slide hose clamp (4093-5) onto the hose as shown.



h. Install the upper intake pipe as shown. Re-install PCV hose.



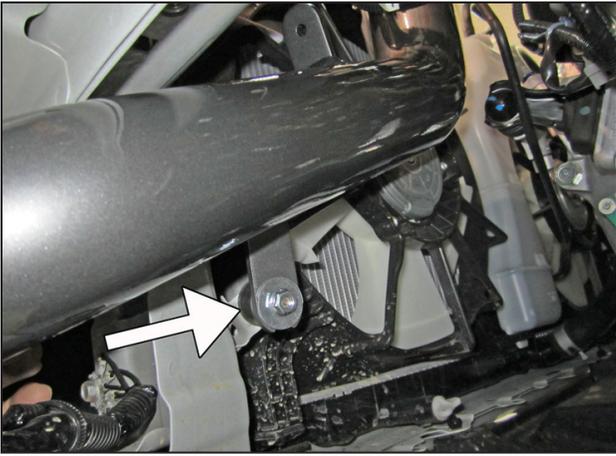
i. Install a reducer coupler (#5-255) onto the end of the upper intake pipe and secure with hose clamp (#9436). Slide hose clamp (9440) onto the open end of the coupler as shown.



j. From under the vehicle, locate the illustrated bracket, then install the rubber mount (#1228598) as shown.



k. Install the middle intake pipe. Guide the intake pipe up into the engine bay from underneath the vehicle and attach the upper end to the coupler of the upper intake pipe, then loosely secure.



l. Align the middle intake pipe's bracket to the rubber mount installed in step 3j. Loosely secure the bracket to rubber mount with the supplied washer (#08160) and nut (#44.460.04).



m. Install the lower rubber mount (#1228598) to the specified location and secure with the provided washer (#08160) and M6 nut (#44.460.04).



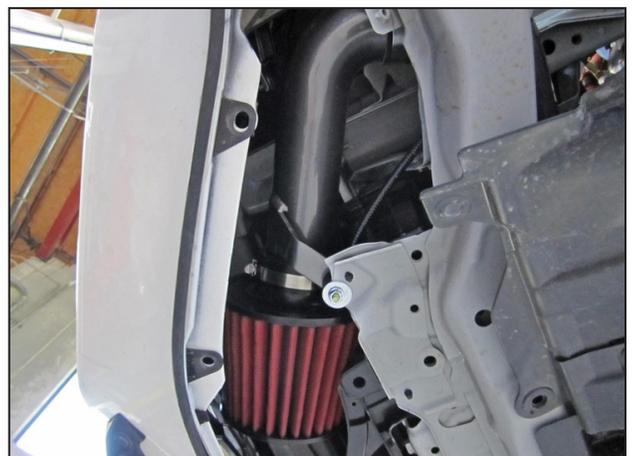
n. Install the 2.75 coupler (#5-250) onto the lower intake pipe and secure with a hose clamp (#9440)



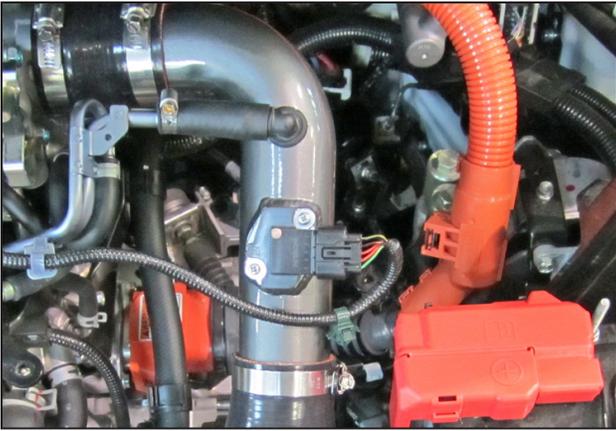
o. Install the lower intake pipe and route as shown. Secure the end with the coupler to the middle intake pipe while also aligning the intake pipe's bracket with the rubber mount installed in step 3m.



p. Secure the lower intake pipe's bracket to the rubber mount using the supplied washer (#08160) and M6 nut (#44.460.04).



q. Secure the air filter to the lower intake pipe using the supplied hose clamp (#9444).



r. Connect the mass air flow sensor harness to the mass air flow sensor. Align the intake pipes for best fitment and then tighten all hardware and hose clamps.



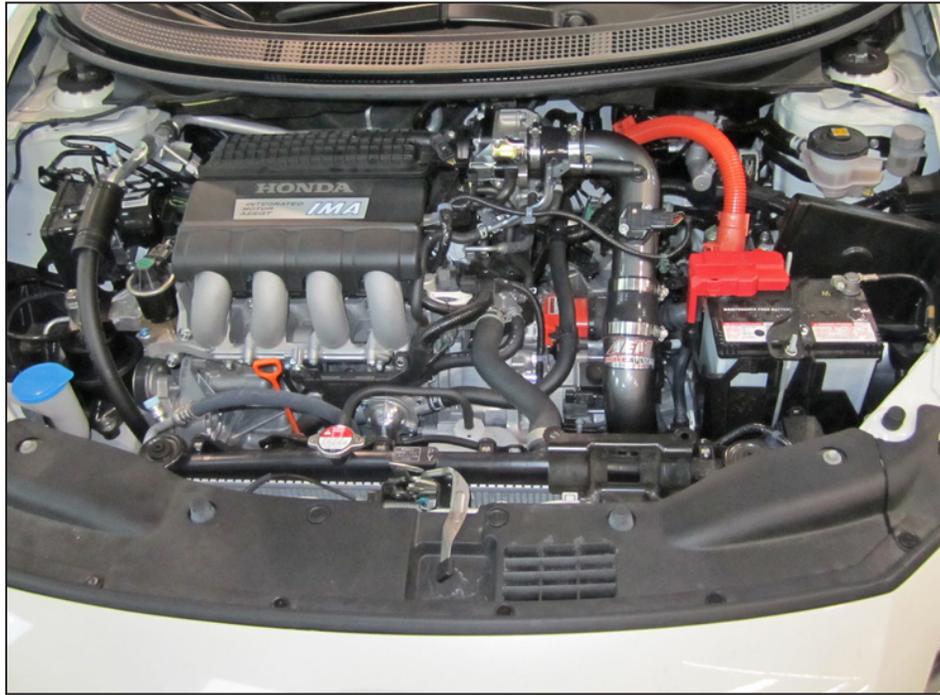
s. Install the fender liner and any hardware that was removed in steps 2l. through 2p.
NOTE: Failure to install the fender liner will result in diminished performance and increase the potential for engine damage due to water ingestion in rainy conditions.



t. Install the driver side wheel using the factory torque specification (see owner's manual).



u. Install the belly pan.



AEM® intake system installed

4. Reassemble Vehicle

- a. 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 the rubber mount, all bolts, and hose clamps.
- b. Check for proper hood clearance. Re-adjust pipes if necessary and re-tighten them.
- c. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- d. 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 aluminum polish to clean your polished AEM® intake tube.
- c. 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.