Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS

PART NUMBER:22-516

2006-2007 HONDA Civic Si L4-2.0L C.A.R.B. E.O. # D-670

*** NOTE: Legal in California <u>only</u> for racing vehicles which may <u>never</u> be used upon a highway**

PARTS LIST

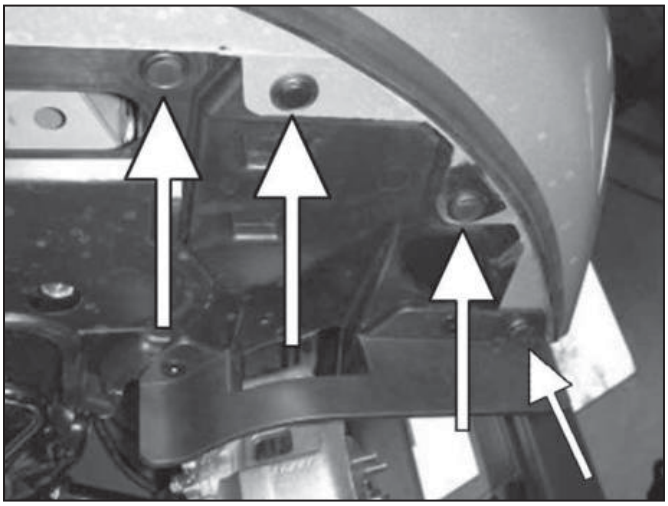
Description	Qty.	Part Number
Element Parts Kit 2.75 X 5” Dry Ele.	1	21-202DK
Inlet Pipe	1	2-5161
Hose, Silicone 2.75x3” Blk.	1	5-275
Hose; 5/8”ID X 9-1/2”L	1	5-7095
Hose; 3/8”ID X 14”L	1	5-1014
Mount, Rubber 1” X 8mm	1	1228560
Zip Tie, 11.25 Long	1	1-115
Zip Tie, 8” Tree Push-Mnt.	2	1-127
Hose; 1/2”ID X 6.375”L	1	5-5375
Washer, 8mm Soft Mount	1	559960
Nut, M8 Hex Serrated	1	444.460.08
1/2” Bnd. Hose Clamp, 2.31-3.25”	2	9444
1/2” Bnd. Hose Clamp, 2.56”-3.50”	1	9448
Hose Clamp, 3/4”	2	4093-5
Hose Clamp, 1 1/16” Narrow	4	4093-6

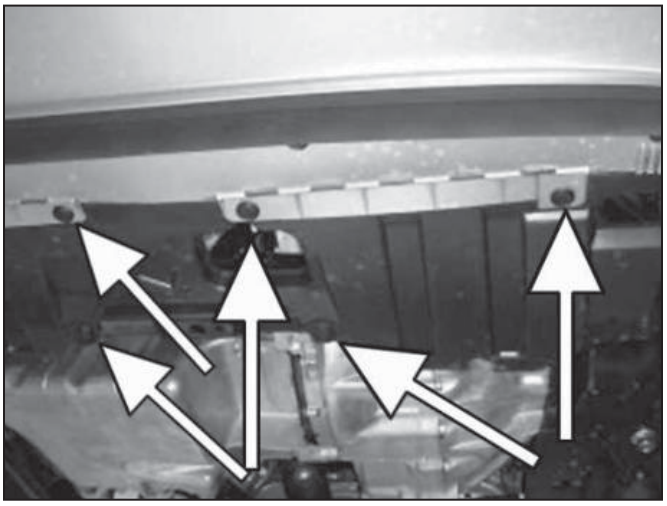
Read and understand these instructions <u>BEFORE</u> attempting to install this product. Failure to follow installation instructions and not using the provided hardware may damage the intake tube, throttle body and engine.

1. Preparing Vehicle

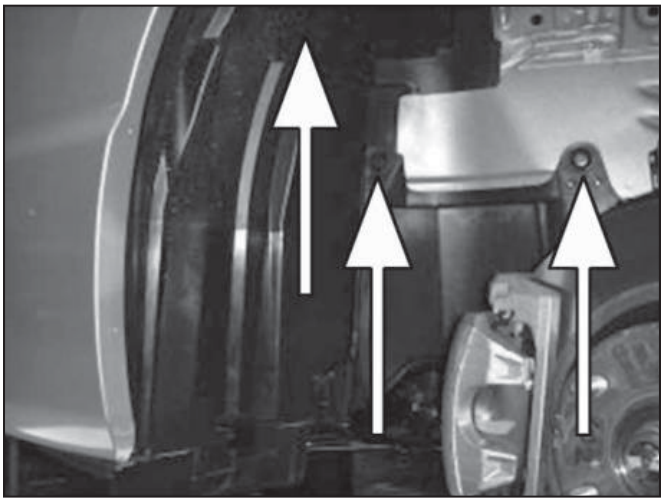
a. Make sure vehicle is parked on level surface.
b. Set parking brake.
c. If engine has run in the past two hours, let it cool down.
d. Disconnect negative battery terminal.
e. Raise the front of the vehicle with a jack. Refer to your owner's manual for proper jack and jack stand placement to properly support vehicle. Support your vehicle using properly rated jack stands before wheel removal or while work ing under the vehicle.
NEVER WORK UNDER A VEHICLE WITHOUT USING JACK STANDS.
i. Remove driver side wheel.
f. Do not discard stock components after removal of the factory system.

2. Removal of stock system

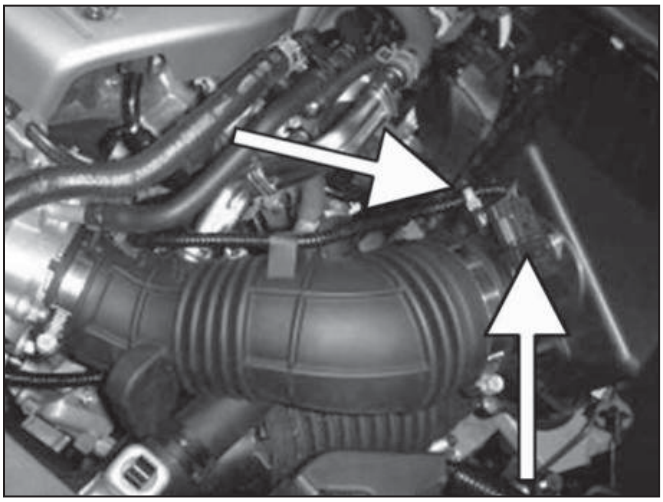




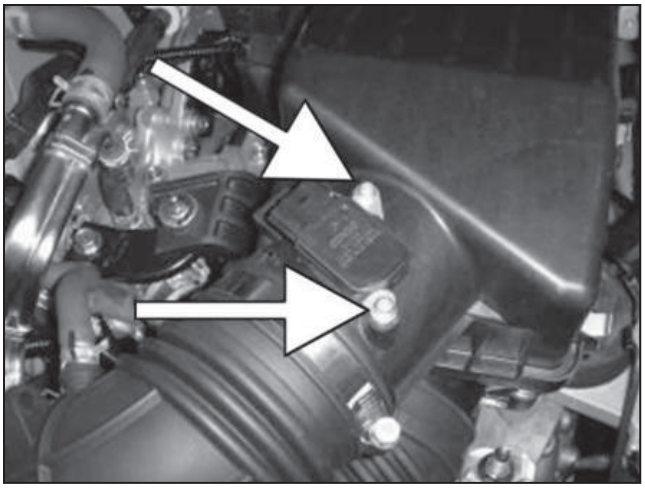
a. Remove the lower splash guard by prying loose the retaining clips.



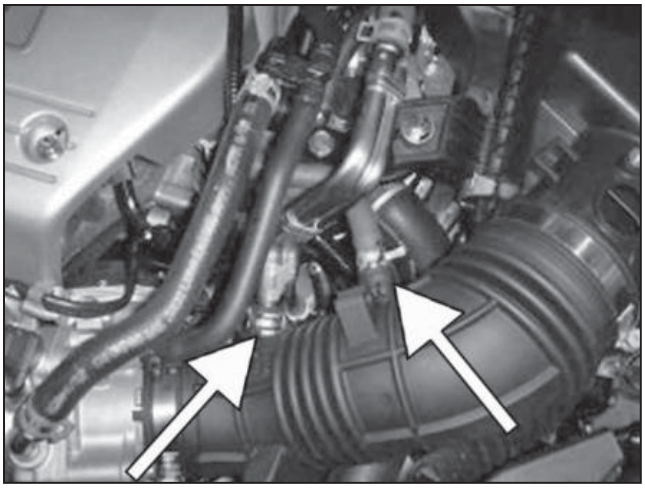
b. Remove the retaining clips from the wheel well and pull back the fender liner to access the stock air box.



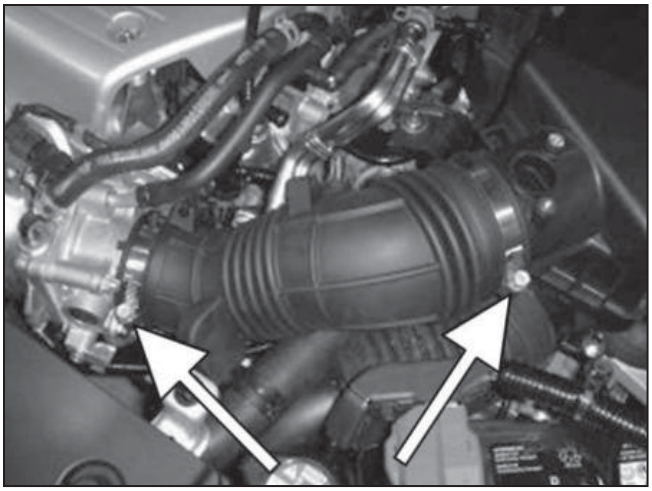
c. Disconnect MAF sensor harness. Remove the harness clip from the air box and move the harness out of the way.



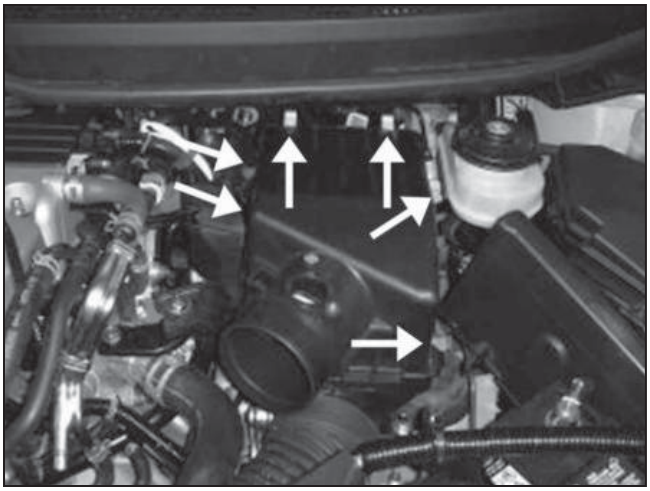
d. Remove the two MAF screws and remove the MAF sensor from the air box.



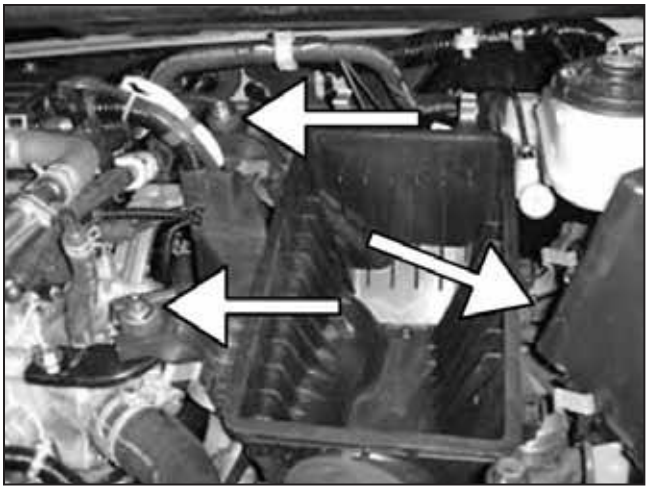
e. Disconnect the air injection line and the engine breather line from the intake tube.



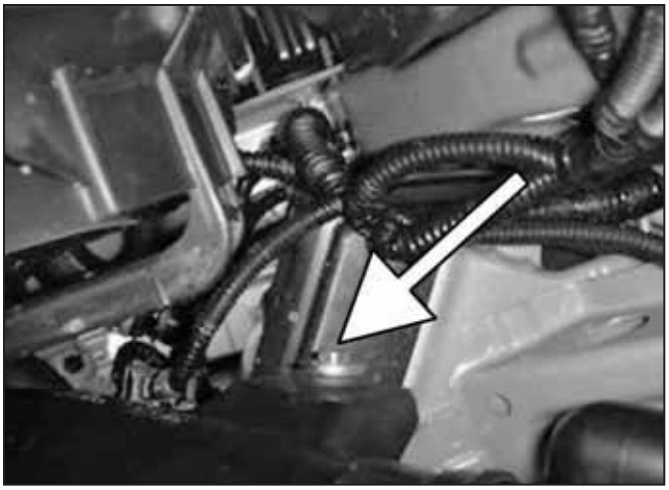
f. Loosen the two hose clamps and remove the intake tube from the vehicle. When pulling the tube out, push the coolant hose out of the retaining clip.



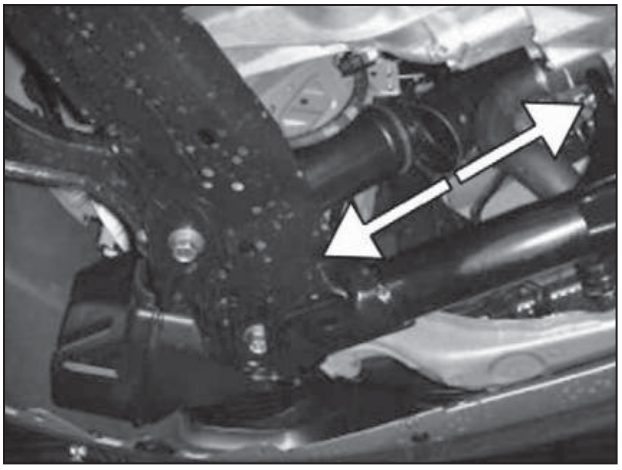
g. Push back all the clips holding the filter lid, and remove the lid and the air filter from the vehicle.



h. Remove the two bolts and one nut holding the filter box in place.

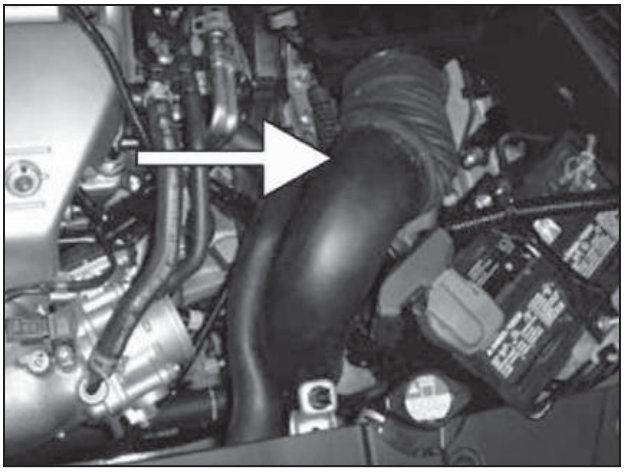


i. From underneath the vehicle, remove the bolt holding the intake tube. This is located just under the battery box.



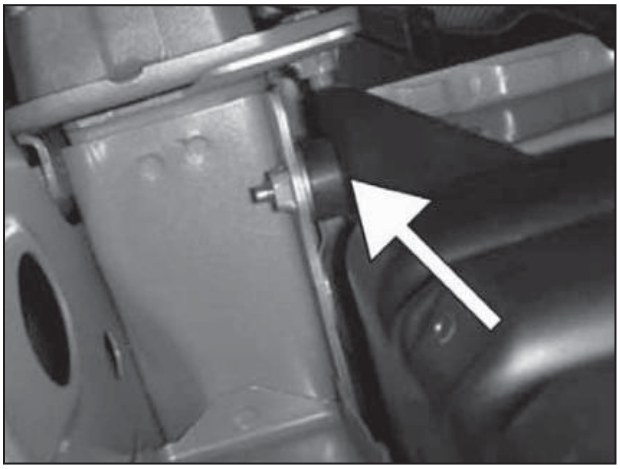
j. Pry apart the upper inlet tube from the lower tube.

k. Pull the upper inlet tube out of the grommet, located on the side of the battery box.

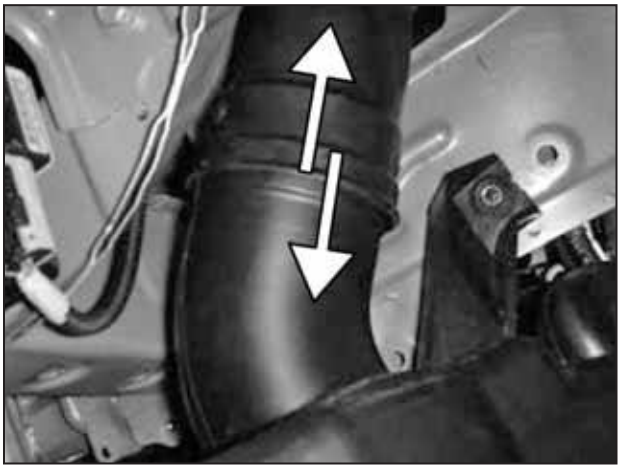


l. Remove the upper inlet tube and filter box from the vehicle.

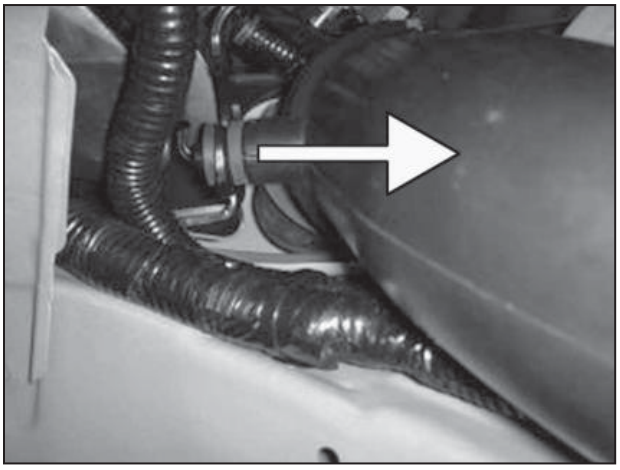
m. Remove the rear bolt holding the resonance chamber to the inner fender.



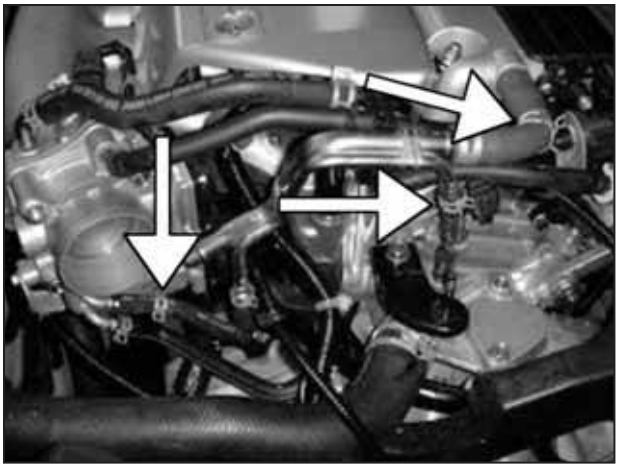
n. Remove the front bolt holding the resonance chamber to the inner fender. This bolt is located between the chamber and the front bumper.



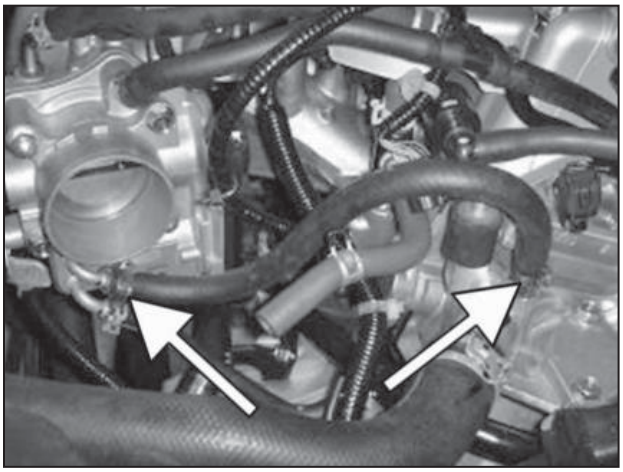
o. Pull the inlet tube off of the resonance chamber and remove the chamber from the vehicle.



p. Pull the inlet tube out of the grommet and remove from the vehicle.



q. **CAUTION: Ensure the engine is completely cool before removing the coolant hose, or hot coolant will escape from the cooling system and cause injury or damage. Be sure to capture any lost coolant in a clean container.**
Remove the three hose clamps. One on the breather line and the other two on the coolant line. Pull the hard line and all the rubber hoses out of the vehicle.

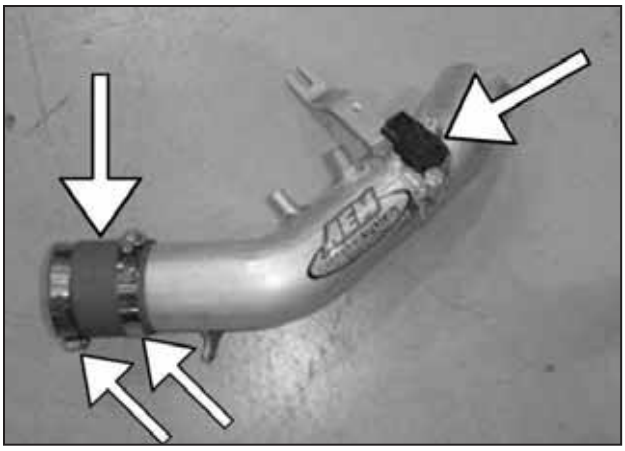


r. Install the new coolant line using the supplied 3/8” hose and two ¾” hose clamps.
NOTE: Replace any coolant recovered during hose removal by replenishing the recovery tank.

s. Remove bolt holding the air filter box bracket and remove it from the vehicle.

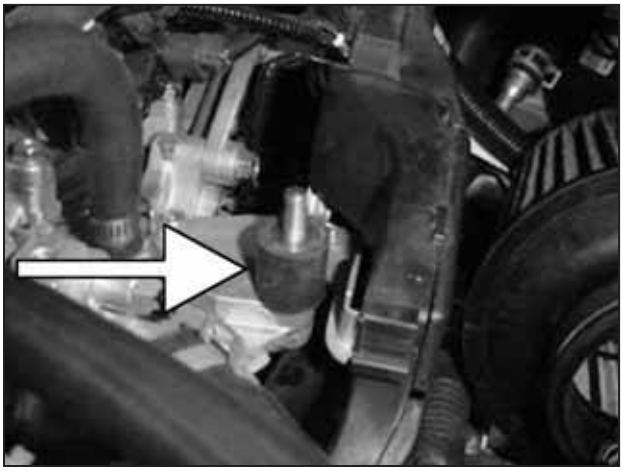
3. Installation of AEM® intake system.

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



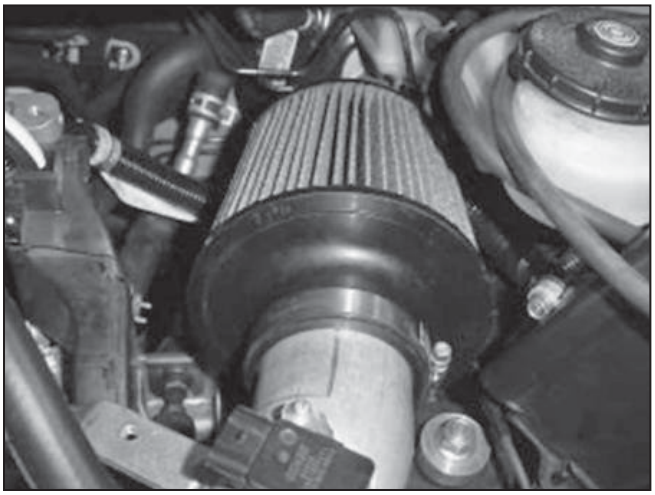
b. Install the factory MAF sensor with the two factory screws onto the AEM® intake pipe. Place the silicone coupler onto the intake pipe and loosely install the #44 clamps into place.

c. Place the supplied air filter into the engine bay as shown.

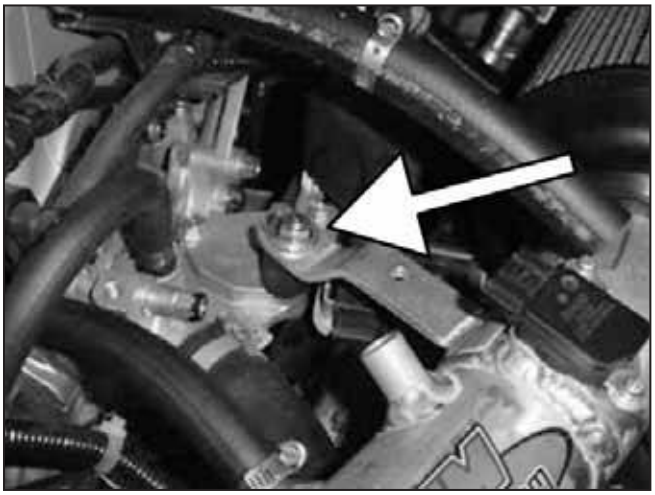


d. Install the rubber mount as shown in place of the right most bolt on the block off plate.

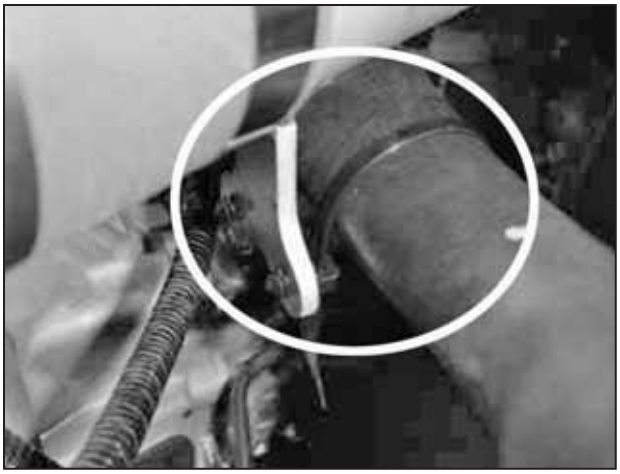
e. Install the intake pipe onto the throttle body and position the mounting bracket onto the rubber mount.

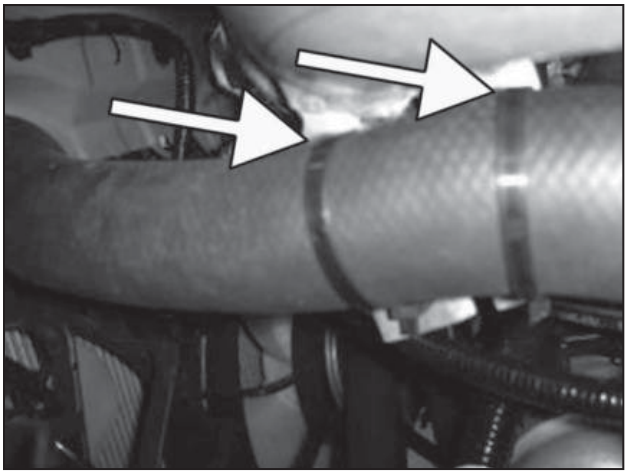


f. Slip the air filter onto the intake pipe and tighten the hose clamp.

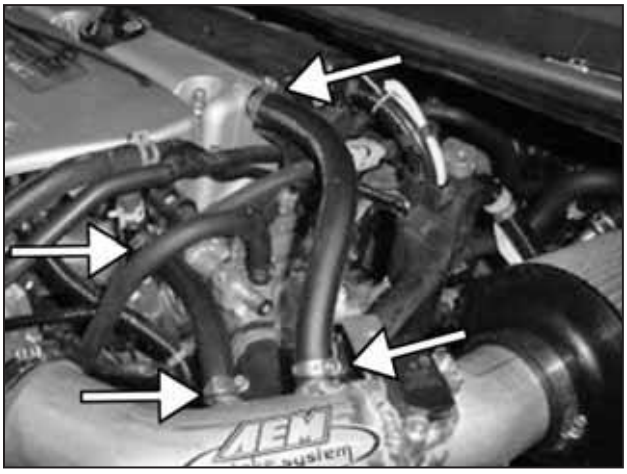


g. Use the supplied M8 washer and nut to loosely secure the pipe bracket to the rubber mount.

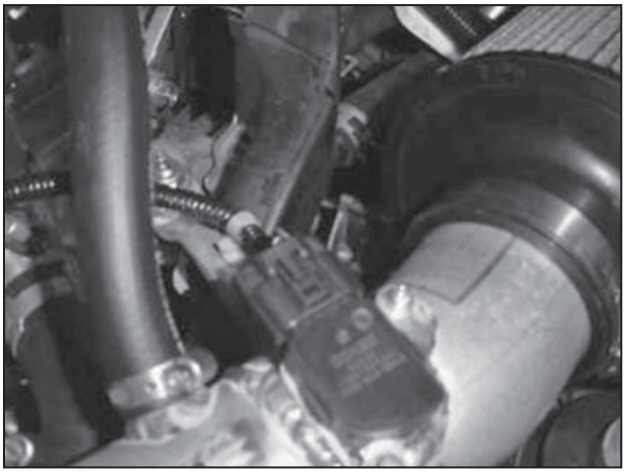




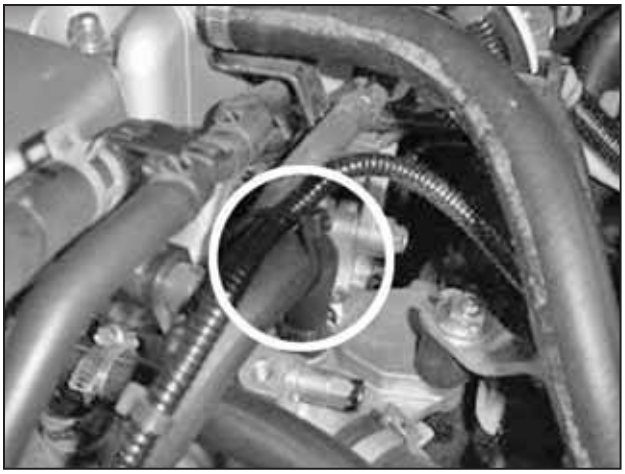
h. Push the supplied tree style zip tie into the mounting bracket on the intake pipe and loop the zip tie around the coolant radiator hose. Tighten the zip ties enough to hold the hose off of the intake pipe, but do not squeeze the hose tightly.



i. Install the supplied 1/2” diameter breather hose between the air injection line and the intake pipe. Secure in place with 2 of the supplied 1 1/16” diameter hose clamps. Also install the supplied 5/8” diameter breather hose between the valve cover and the intake pipe. Secure in place with 2 of the supplied 1 1/16” diameter hose clamps.



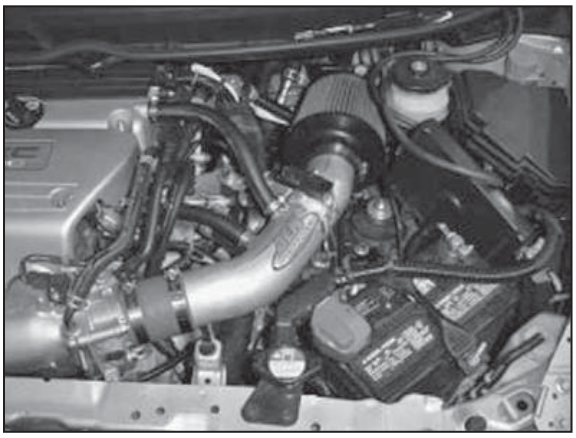
j. Connect the factory MAF sensor to the harness and secure it to the intake pipe bracket with the factory connector, as shown.



k. Secure the new coolant line and the MAF sensor wire harness with the included zip tie.

l. Position the intake pipe for best fitment. Be sure that the pipe and other components do not contact any part of the vehicle. Tighten the hose clamps and tightly secure the intake pipe bracket.

Factory air box system installed



AEM® intake system installed

4. Reassemble Vehicle

a. **Fender liner and splashguard:** Install the fender liner, lower splash guard and any hardware that was removed in steps 2a and 2b.
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.

b. **Wheel:** Install the driver side wheel using the factory torque specification (see owner's manual).

c. 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.

d. Check for proper hood clearance. Re-adjust pipes if necessary and re-tighten them.

e. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.

f. Reconnect negative battery terminals and start 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. It is recommended that you service your AEM® Dryflow™ filter every 20,000 miles for optimum performance. Use AEM Dryflow cleaning kit part # 21-110.
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.