



Equipped with AEM® Dryflow™ Filter  
No Oil Required!

## **INSTALLATION INSTRUCTIONS**

**PART NUMBER:**

**21-506B (Blue Finish)**

**21-506C (Gun Metal Grey Finish)**

**21-506R (Red Finish)**

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2002-2006

ACURA RSX Type-S L4-2.0L

C.A.R.B. E.O. # D-670-15

**Intake systems for vehicles listed are 50  
state legal. See [AEMintakes.com](http://AEMintakes.com) for CARB  
status on each part for a specific vehicle.**

## PARTS LIST

Description	Qty.	Part Number
1/2" Bnd. Hose Clamp, 2.56"-3.50"	2	9448
1/2" Bnd. Hose Clamp, 2.90"-3.75"	1	9452
Hose, Silicone 3.00x2" Black	1	5-302
Inlet Pipe, Acura RSX-S w/Wash.	1	2-571
Hose; 3/8"ID X 12"L	1	5-1012
Hose Clamp, 3/4"	2	4093-5
Hose Clamp, 1 1/16" Narrow	2	08411
Hose; 3/4"ID X 30"L	1	5-4030
Grommet, 13/32"	1	784639
Mount, Rubber 1" X 8mm	1	1228560
Washer, 8mm Soft Mount	1	559960
Nut, M8 Hex Serrated	1	444.460.08
Zip Tie, 6 Long	1	1-113
Zip Tie, 11.25 Long	1	21590
Air Filter Assy. 3.00 X 5" Dry Ele.	1	21-203DK
Washer Bottle, Acura RSX	1	9-506

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.

### 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 both the negative and positive battery terminals.
- 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.

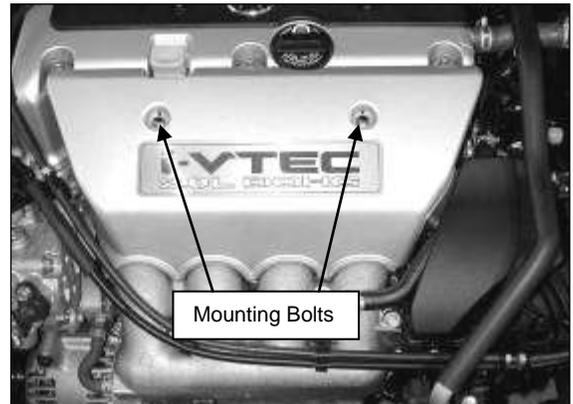
**NEVER WORK UNDER A VEHICLE WITHOUT USING JACK STANDS.**

- i. Remove the front left wheel.
  - ii. Remove the left fender well lining and remove the lower splashguard.
- f. This intake system includes a replacement windshield washer system.
- g. Do not discard stock components after removal of the factory system.

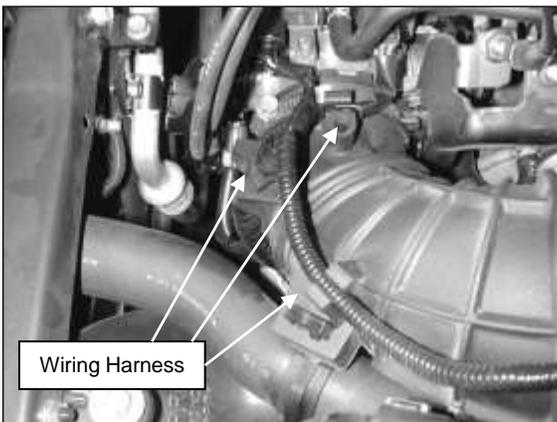
### 2. Removal of stock system



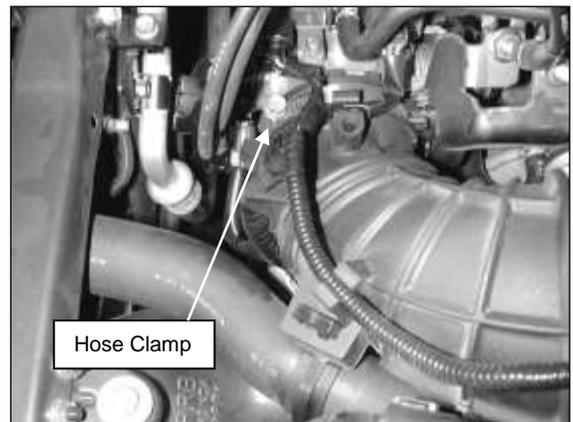
a. Factory air box system.



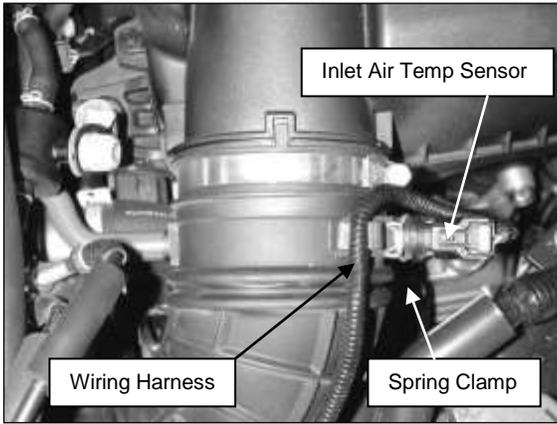
b. Remove the two mounting bolts securing the upper engine cover. Remove the engine cover.



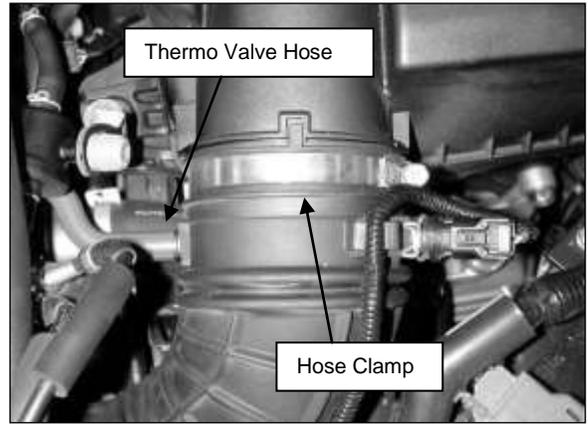
c. Remove the wiring harness from the rubber holds in the factory upper intake tube.



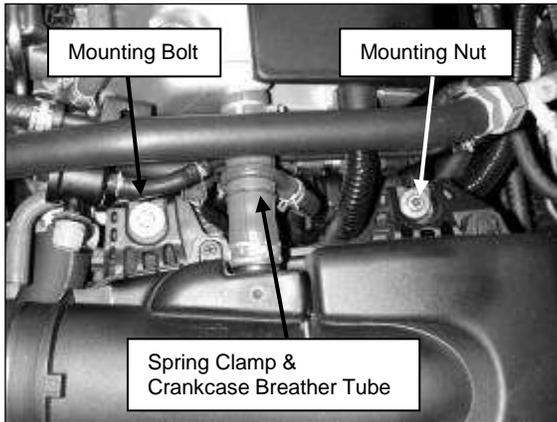
d. Remove the hose clamp securing the factory upper intake tube to the throttle body.



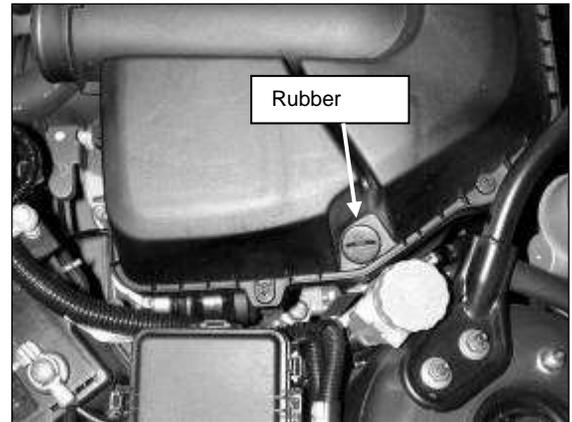
e. Remove the wiring harness from the rubber holds in the factory upper inlet tube. Disconnect the inlet air temp sensor wiring harness. Loosen the spring clamp securing the inlet air temp sensor and remove. Set the inlet air temp sensor aside as it will be reinstalled on the AEM® intake system.



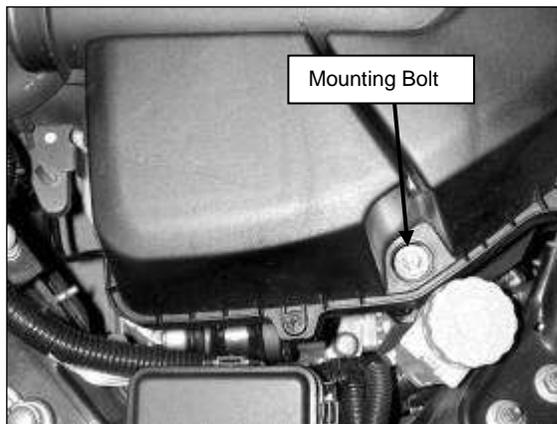
f. Remove the hose clamp securing the factory upper inlet tube to the filter box. Remove the thermo valve hose. Remove the factory upper inlet tube from the vehicle.



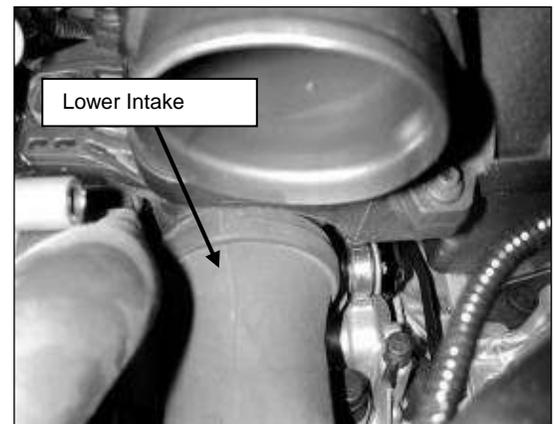
g. Loosen the spring clamp securing the crank case breather. Remove the mounting bolt and nut that secure the filter box.



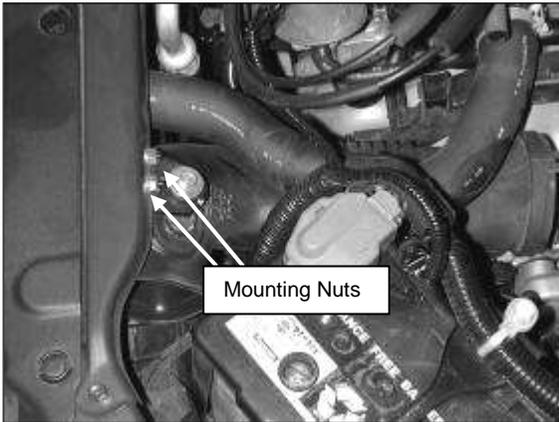
h. Remove the rubber plug from the filter box.



i. Remove the mounting bolt securing the filter box.



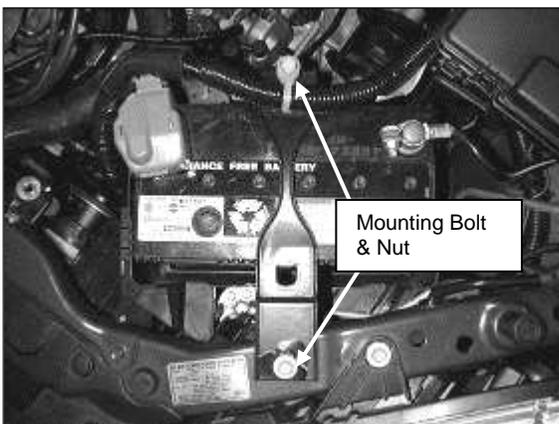
j. Disconnect the lower inlet tube from the air filter box. Remove the air filter box.



k. Remove the two mounting nuts securing the lower intake tube to the chassis. Remove the lower inlet tube.



l. Factory air box system removed from vehicle.

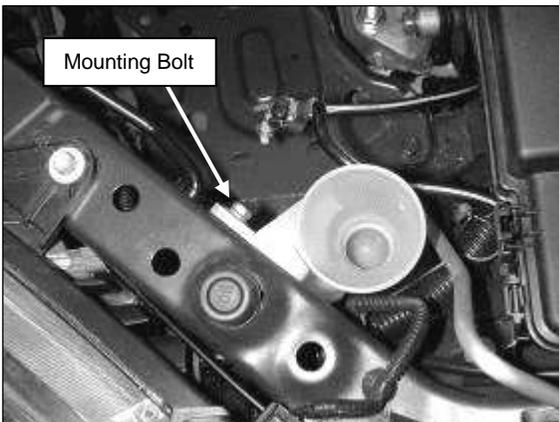


m. Remove the positive and negative cables from the battery. Remove the bolt and nut securing the battery in place. Remove the battery and trays.

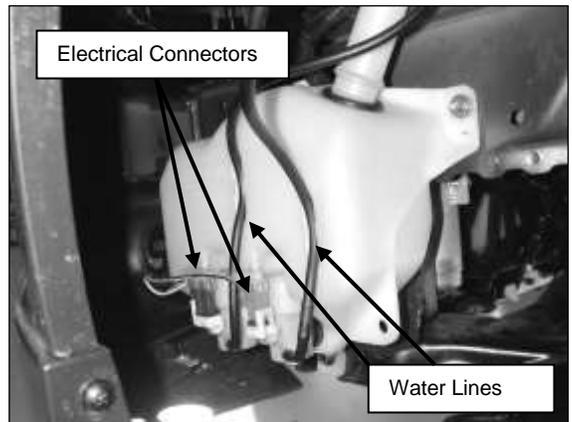


n. Remove the three bolts that secure the air box support bracket and save them for later use.

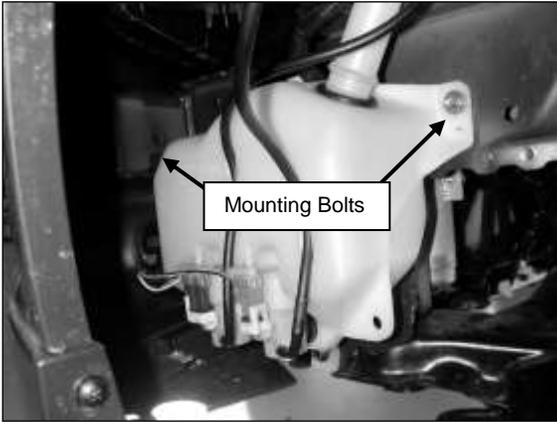
### 3. Removal and replacement of the stock windshield washer bottle.



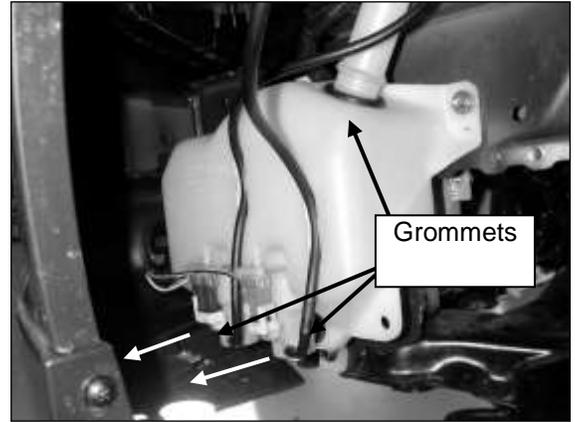
a. Remove the bolt securing the washer bottle filler neck. Remove the washer bottle filler neck.



b. Remove the electrical connectors and water lines from the windshield wiper motors. Drain washer bottle fluid into a clean container.



c. Remove the three bolts securing the washer bottle in place. Pull the filler tube out of the bottle.



d. Remove the two pumps by pulling them from the rubber grommets. Remove the two grommets from the washer bottle along with the grommet for the filler tube.



e. Reinstall the two pump grommets and the fill tube grommet on the replacement washer bottle. Wet the grommets with soapy water and insert the two washer pumps and fill tube.



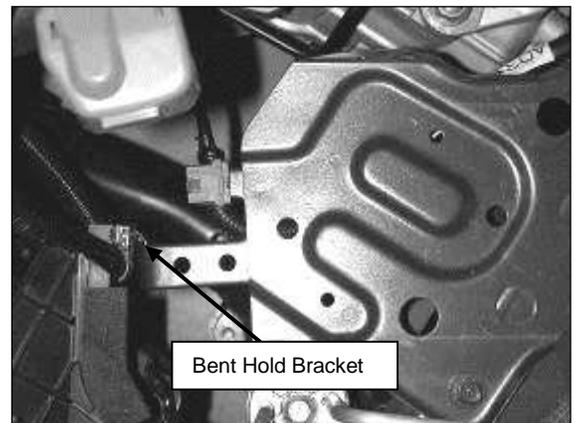
f. Secure the new washer bottle with the three air box bracket bolts removed in step 2n. Reconnect the two feeder lines and the two electrical connectors to the pumps.

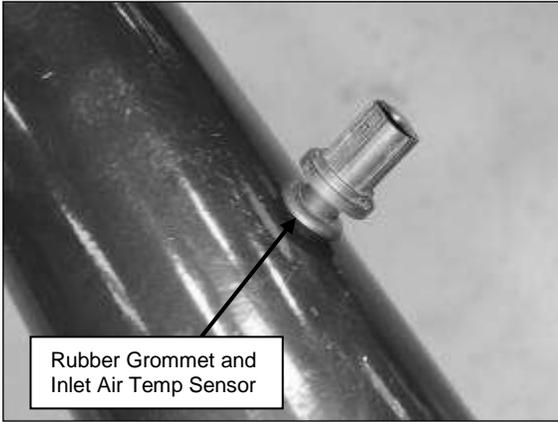
#### 4. Installation of AEM® intake system.

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



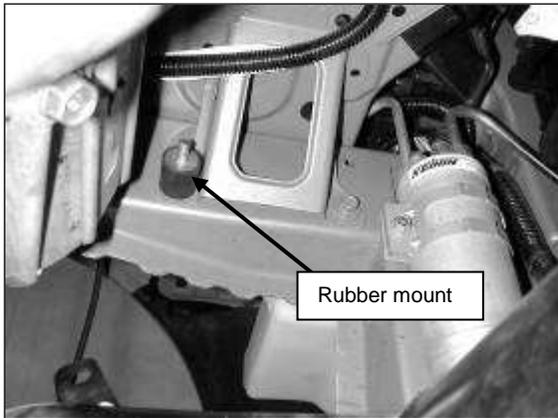
b. With a pair of pliers bend the positive battery cable hold tab 90 degrees.





Rubber Grommet and Inlet Air Temp Sensor

c. Install the supplied rubber grommet in the intake pipe. Install the inlet air temp sensor that was removed in step 2e. A small amount of lubricant can be used on the inside diameter of the grommet to ease installation

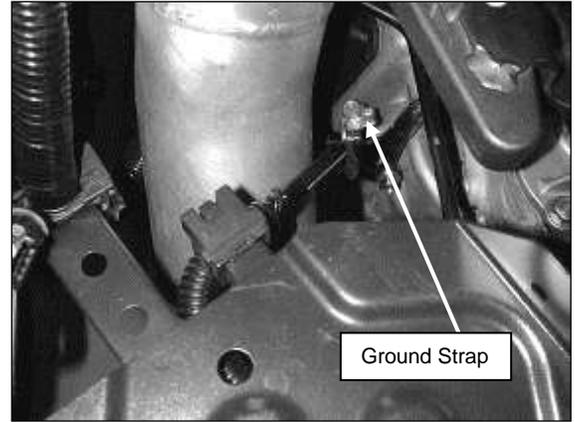


Rubber mount

e. Remove the bolt under the battery tray and replace it with the supplied rubber mount. **NOTE: Failure to install the rubber mount will void all warranties of the AEM® intake system.**

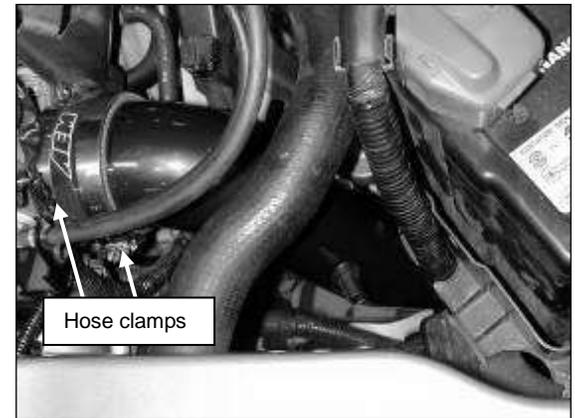


g. Secure the mounting bracket to the rubber mount with the supplied washer and nyloc nut.



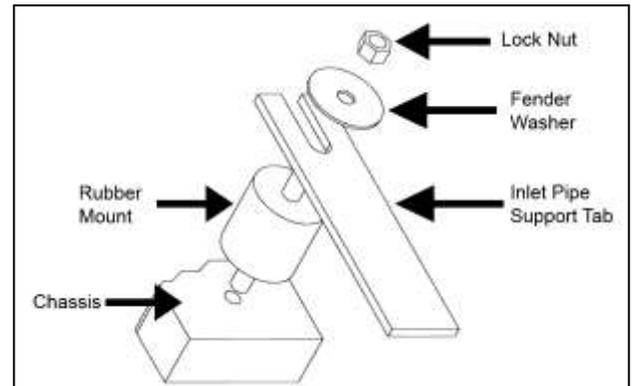
Ground Strap

d. Loosen the bolt securing the ground strap to the transmission bracket and rotate so that it is installed in this manner.



Hose clamps

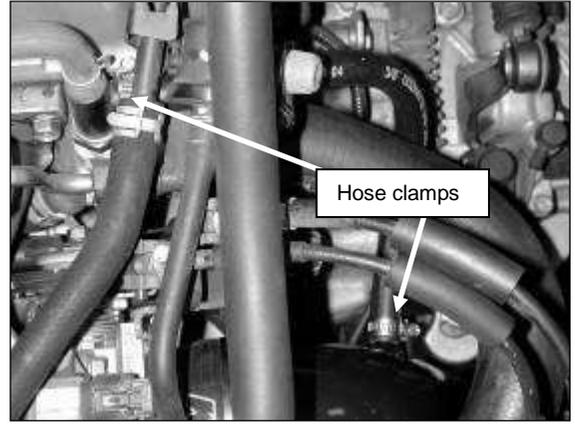
f. Install the supplied connector hose onto the throttle body and the intake pipe end furthest from the mounting bracket. Install the two supplied hose clamps on the connector hose.



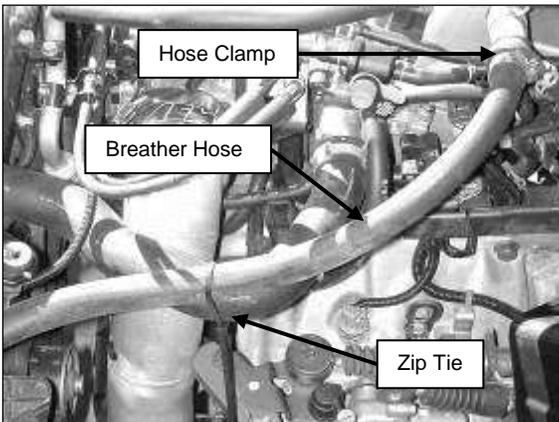
h. Proper installation of rubber mount.



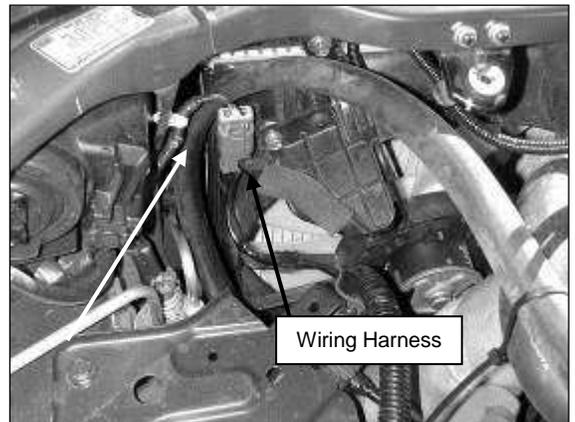
i. Install the AEM<sup>®</sup> air filter onto the lower end of the intake pipe.



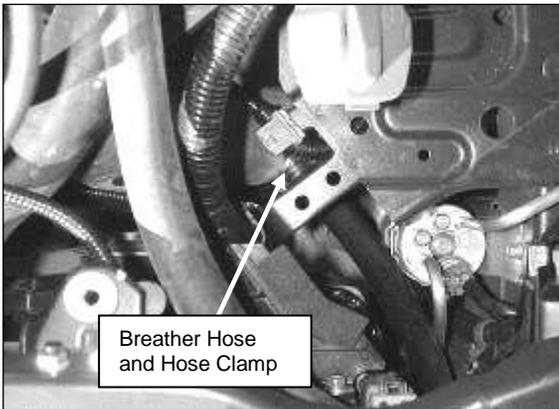
j. Install the supplied 3/8" breather hose between the thermo valve and inlet pipe. Secure it with the included hose clamps.



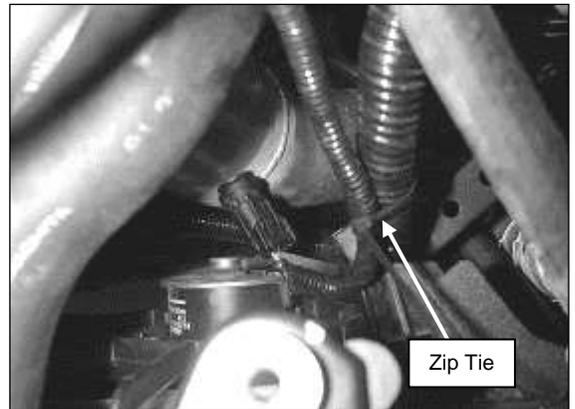
k. Install the 3/4" breather hose and hose clamp. Secure in place with the supplied 11" zip tie.



l. Route the breather tube behind the fan wiring harness



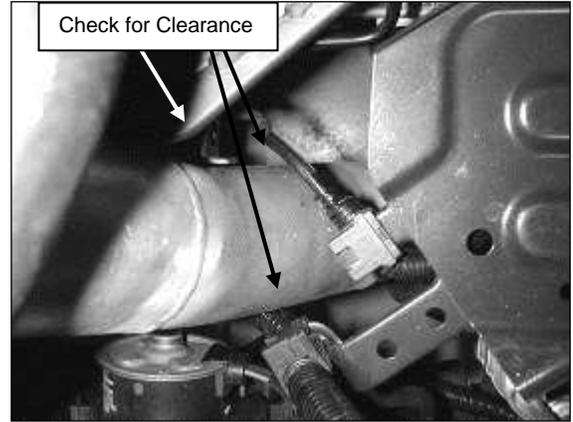
m. Install the breather hose on the exposed nipple and secure using the supplied clamp.



n. Connect the wiring harness of the air temp sensor that was disconnected in step 2.e. Use the supplied 6" zip tie to hold in place.



o. Check for clearance between the intake pipe and the shift arm.  
**NOTE: Watch the arm as it is shifted through its full range of motion.**



p. Check for clearance between the cables and surrounding brackets.



q. The fender liner must be trimmed for the intake system to fit properly.  
**NOTE: Trim and reinstall the fender liner. Failure to do so will void warranty.**



AEM® intake system installed.

## 5. Reassemble Vehicle

- a. **Wheel:** Install the front left wheel using the factory torque specification (see owner's manual).
- b. **Washer Bottle:** Fill the new 3 Qt. washer bottle with the windshield washer fluid drained in step 3b.
- c. **Battery Assembly:** Install battery tray, battery, battery hold down bracket, and reconnect the battery.
- d. 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.
- 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 battery terminals and start engine. Let the vehicle idle for 3 minutes. Perform a final inspection before driving the vehicle.

**NOTE: When the battery has been disconnected and reconnected, some abnormal drive symptoms may occur while the vehicle relearns its idle characteristics. The vehicle may need to be driven 10 miles or more to relearn the idle curve.**

## 6. 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.

## 7. 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.

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status on each part for a specific vehicle.**