



Equipped with AEM® Dryflow™ Filter  
No Oil Required!

## **INSTALLATION INSTRUCTIONS**

### **PART NUMBER:**

**21-507B (Blue Finish)**

**21-507C (Gun Metal Grey Finish)**

**21-507R (Red Finish)**

2002-2006 ACURA RSX L4-2.0L Auto Trans. C.A.R.B. E.O. # D-670-15

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## PARTS LIST

Description	Qty.	Part Number
Air Filter Assy. 2.75 X 5" Dry Ele.	1	21-202DK
Washer Bottle	1	9-506
Inlet Pipe	1	2-574
Bolt, Hex M6-1 x 35MM	3	1-2002
Washer, M6 x 12MM OD Zinc	3	1-3018
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	3	1-113
Spacer, .625 OD x .295 ID x .1	1	2-125
Mount, Rubber 5/8" x 6MM	1	1228598
Washer, 6MM Soft Mount	1	08160
Nut, M6 Hex Serrated	1	444.460.04
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 1/4" Narrow	2	08420
Elbow, 2.75-90 1.4"& .9 W/hole	1	5-280-2H
Hose; 3/4"ID x 20.5"L	1	5-4205
Hose; 3/8"ID x 13"L	1	5-1013

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 all negative 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 front left wheel and the front left fender liner.
- f. This intake system includes a replacement windshield washer system.
- g. Do not discard stock components after removal of the factory system.

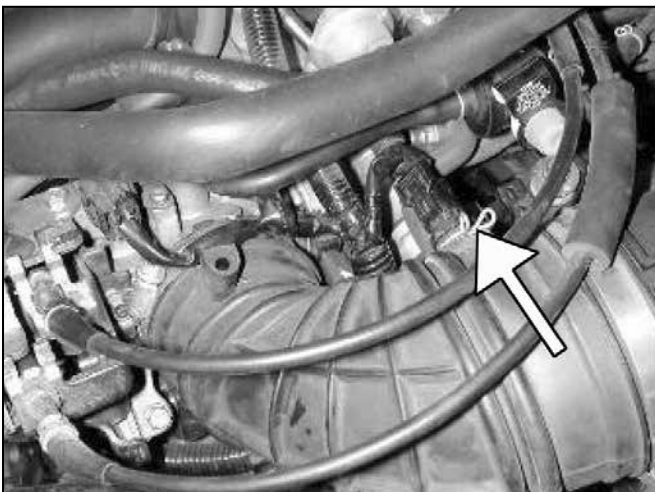
## 2. Removal of stock system



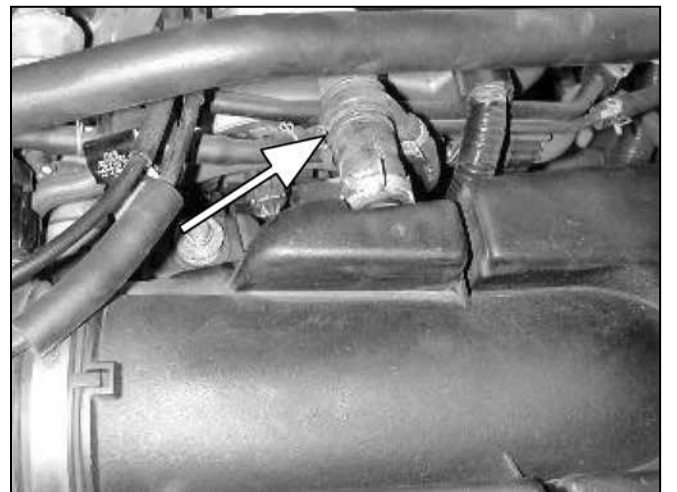
a. Factory air box system installed.



b. Remove the two bolts that secure the engine cover. Remove the engine cover.



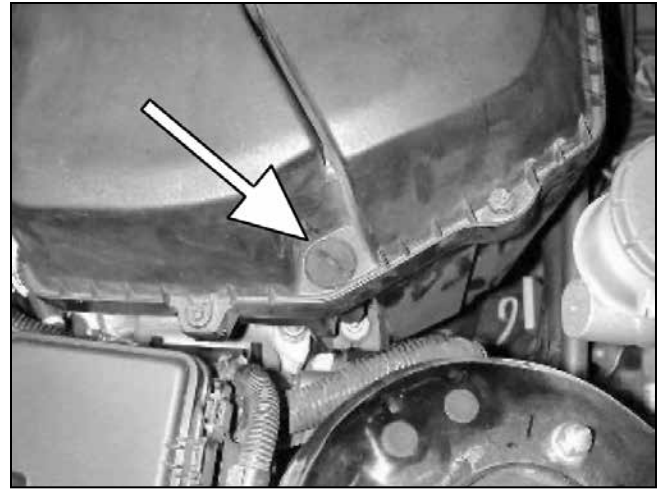
c. Pinch the clamp at the inlet air temperature (IAT) sensor and pull the sensor from the inlet pipe. Loosen the hose clamp at the throttle body.



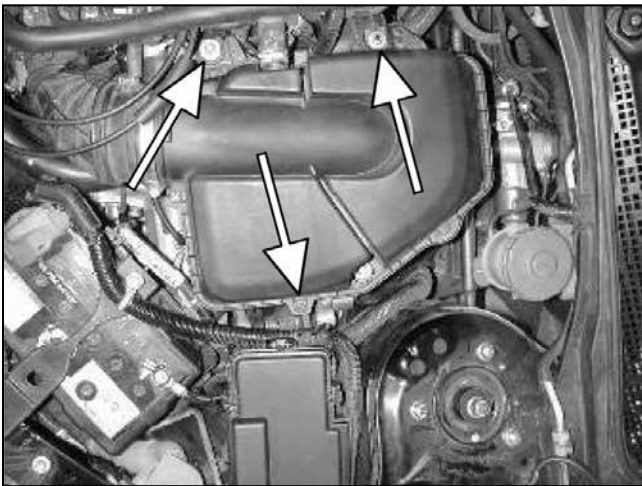
d. Pinch the clamp that secures the crankcase breather hose and pull the hose from the nipple.



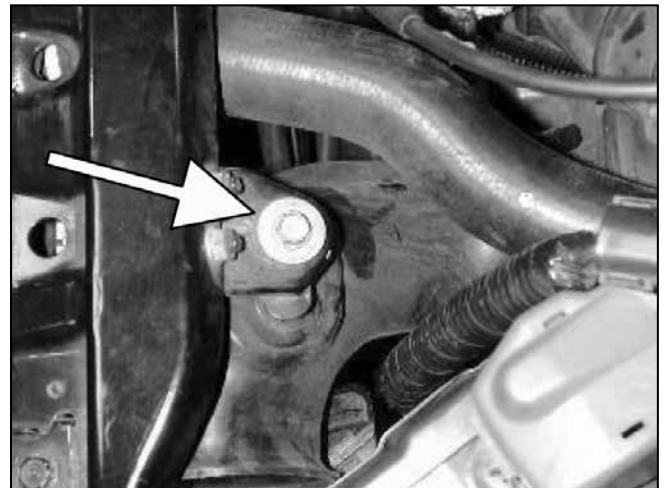
e. Pinch the clamp at the evaporative valve and pull the hose from the valve.



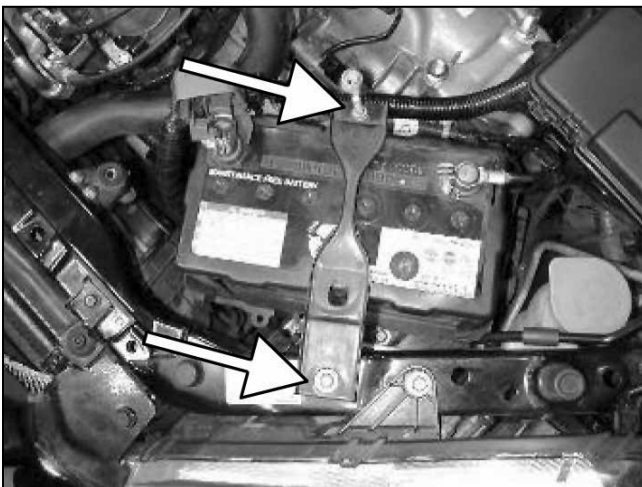
f. Pull the rubber plug from the air box.



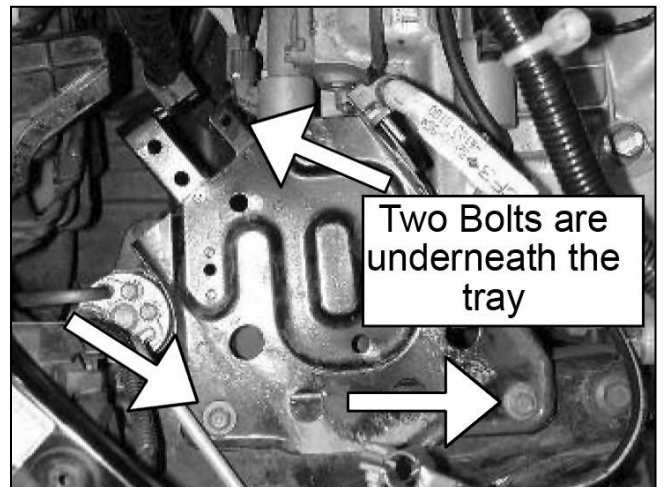
g. Loosen the three bolts that secure the air box.



h. Remove the bolt at the air intake snorkel. Remove the stock air box assembly from the vehicle.

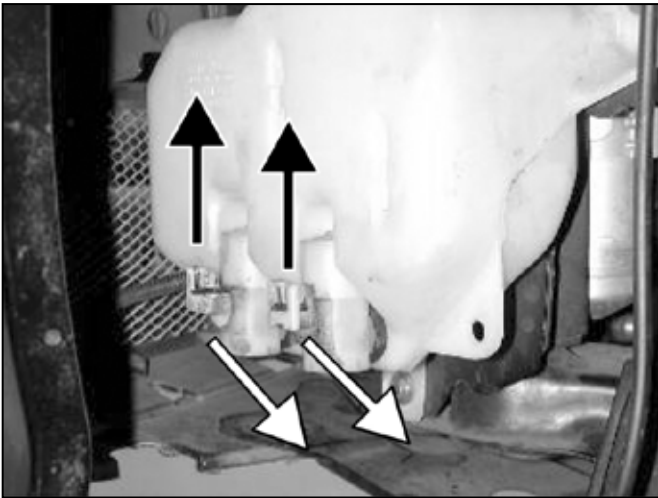


i. Remove the battery hold down bracket. Remove the battery.

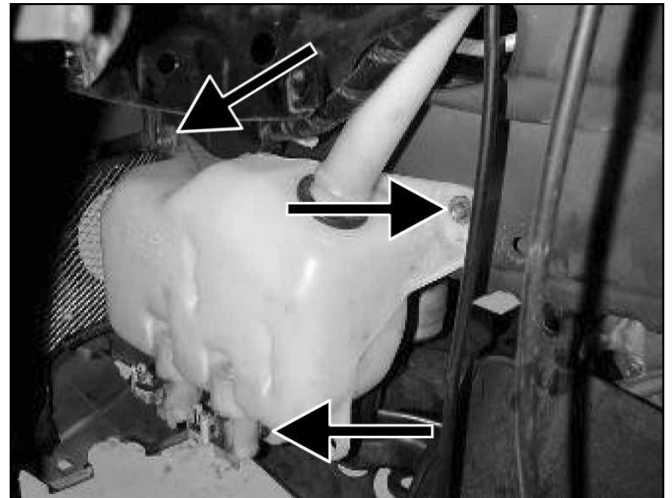


j. Loosen the four bolts securing the battery tray and remove the tray from the vehicle. Release the two connectors from the tray.

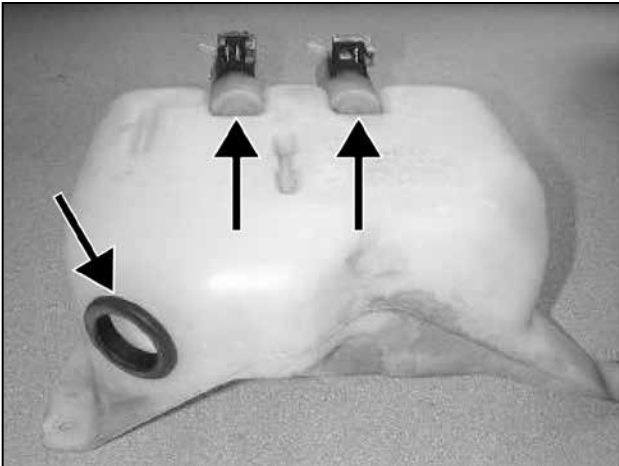
### 3. Removal and replacement of the stock windshield washer bottle.



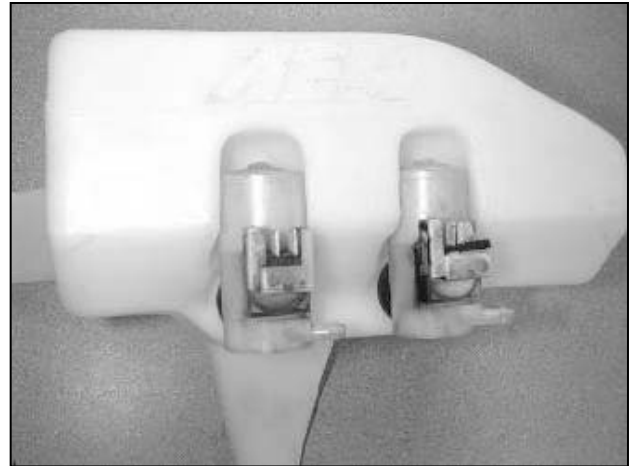
a. Disconnect the washer pump connectors. Release the washer hoses and catch the washer fluid in a clean container.



b. Loosen the three bolts and remove the stock washer bottle.



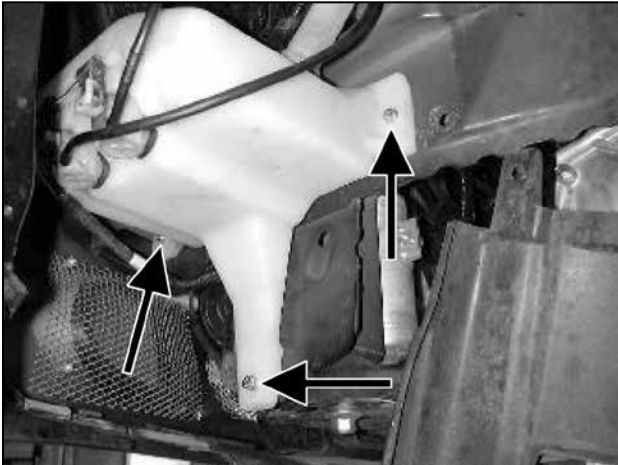
c. Remove the two washer pumps and the three grommets installed in the factory bottle.



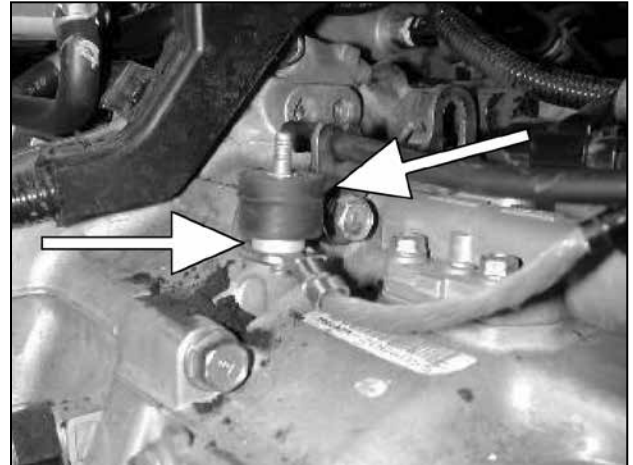
d. Install the grommets and pumps into the AEM® replacement washer bottle.

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

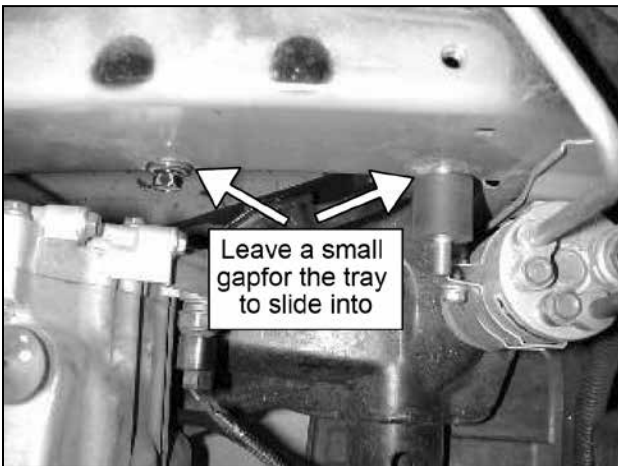
a. When installing the intake system, do not completely tighten the hose clamps or mounting hardware until instructed to do so.



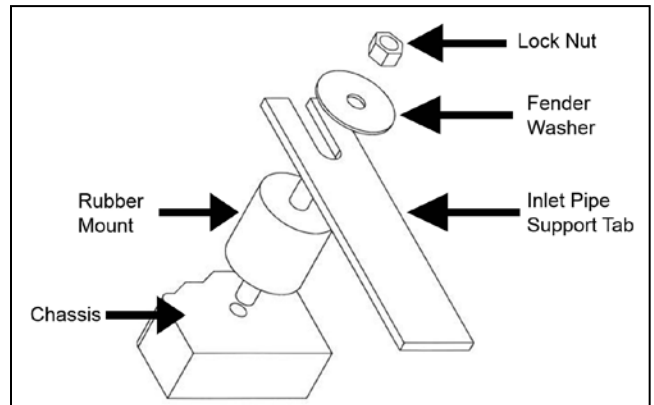
b. Install the AEM® washer bottle as shown, utilizing the supplied bolts and washers. Reconnect the washer plugs and hoses. Install the filler neck into the top hole.



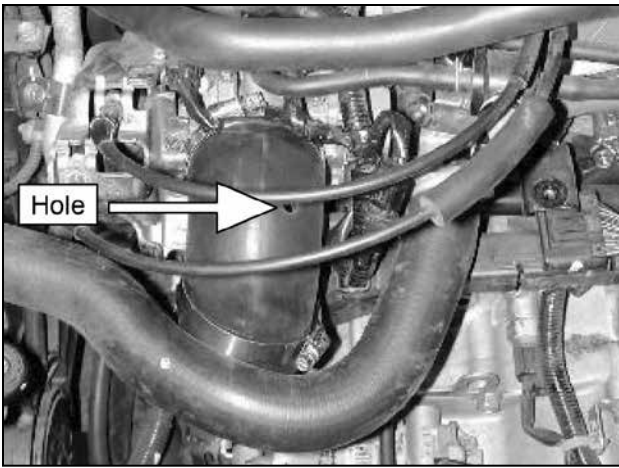
c. Remove the bolt securing the grounding wire to the transmission. Install the 5/8" rubber mount in conjunction with the supplied aluminum spacer as shown.



d. Replace the forward of the two lower battery tray bolts with the supplied 1" rubber mount. Do not completely tighten the mount or rear bolt.



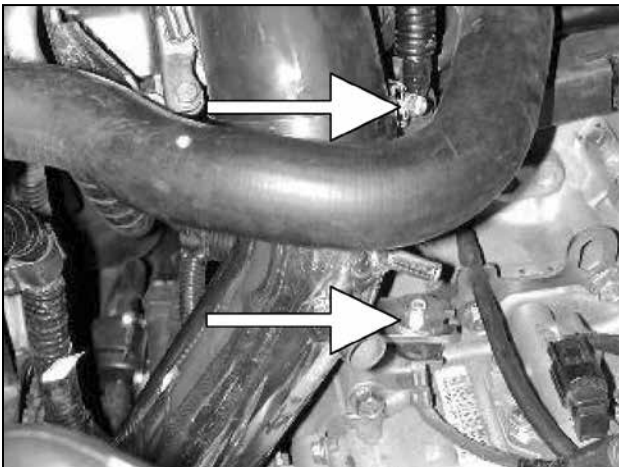
e. Proper rubber mount installation.



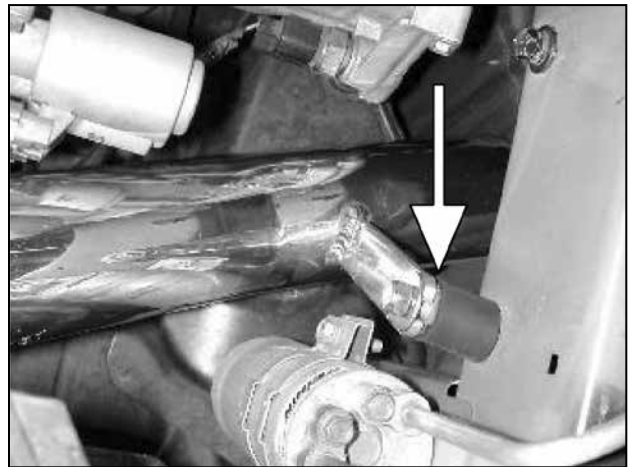
f. Install the supplied rubber elbow and hose clamps onto the throttle body. Do not tighten the hose clamps.



g. Route the intake pipe into the engine bay from the fender towards the throttle body.



h. Insert the intake pipe into the rubber elbow. Install the washer and lock nut onto the rubber mount.



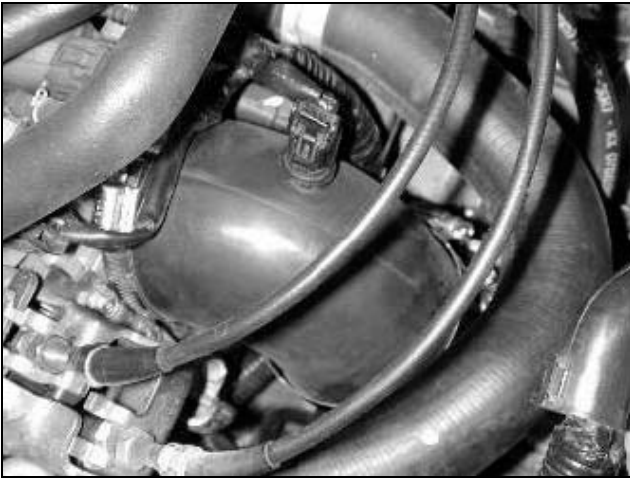
i. Place the lower support tab onto the lower rubber mount. Do not tighten the lock nuts at either mount.



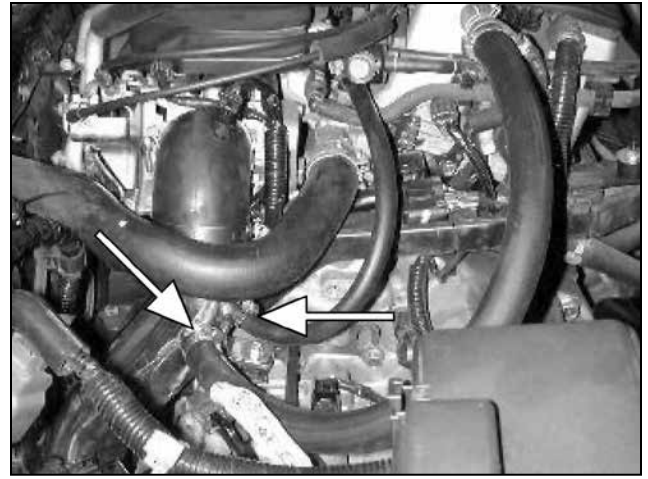
j. Reinstall the battery tray that was removed in step 2j



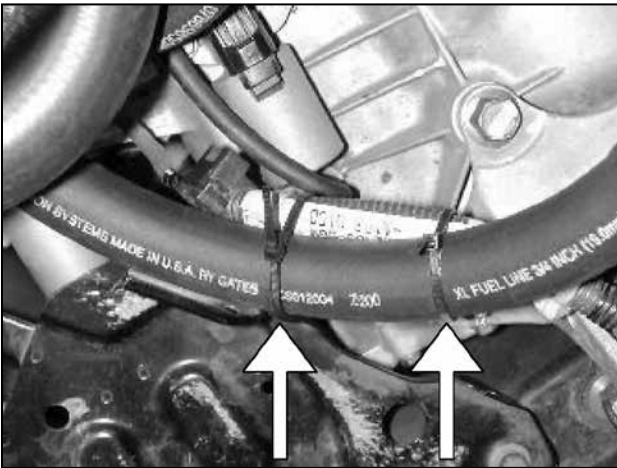
k. Use the supplied zip tie to secure the positive battery lead to snorkel support. Ensure it clears the intake pipe.



l. Insert the IAT sensor into the hole in the rubber elbow.



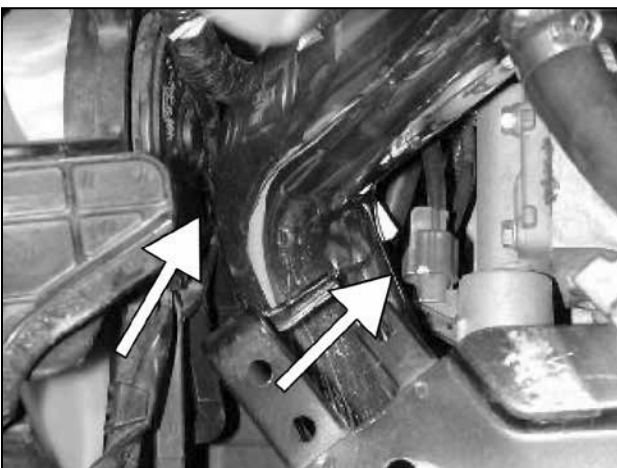
m. Using the supplied hoses and hose clamps, connect the evaporative valve and the crankcase breather port to the intake pipe.



n. Secure the ground wire to the crankcase breather hose with two of the supplied zip ties.



o. Install the air filter onto the end of the inlet pipe. Confirm that there is adequate clearance between the air filter and the washer bottle.

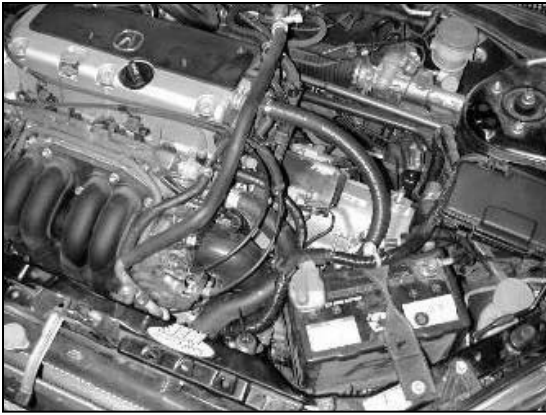


p. Check the clearance between the intake pipe, the radiator fan and the electrical connectors on the transmission. Adjust as necessary.



q. Place AEM® emblem and CARB sticker on radiator support as shown.





r. Install the battery, battery hold down bracket and engine cover. The AEM® intake system installed.

## 5. Reassemble Vehicle

- a. **Fender Liner:** Install the left fender liner that was removed in step 1ei.
- b. **Wheel:** Install the front left side wheel using the factory torque specification (see owner's manual).
- c. **Washer Bottle:** Fill the new 3 Qt. washer bottle with windshield washer fluid that was drained in step 3a.
- d. **Battery:** Install the battery and battery hold down bracket.
- e. **Engine Cover:** Install the engine cover that was removed in step 2b.
- f. 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.
- g. Check for proper hood clearance. Re-adjust pipes if necessary and re-tighten them.
- h. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- i. Reconnect the battery terminals and start engine. Let the vehicle idle for 3 minutes. Perform a final inspection before driving the vehicle.

## 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 state 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**)