



Equipped with AEM® *Dryflow™ Filter*
No Oil Required!

INSTALLATION INSTRUCTIONS

PART NUMBER: 24-6105

2002-2006 ACURA RSX - Excludes Type S L4-2.0L C.A.R.B. E.O. # D-670

PARTS LIST

Description	Qty.	Part Number
Element Parts Kit; 3.50 X 5" Dry Ele.	1	21-204DK
Inlet Pipe	1	2-61051
Hose, Silicone 2.75x2" Black	1	5-272
Grommet; 7/8"OD, 3/8"ID, 11/32"Thk, 1/16"Gap	1	784633
Zip Tie,11.25 Long	3	1-115
Cable	1	8-304
Bullet Terminal, 18-20Ga Male	2	8-352
Bullet Terminal, 18-20Ga Female	2	8-353
Spacer, 1.00 OD X .250 ID X .6	1	2-647
Hose; 3/4"ID X 2"L	1	5-4002
Hose; 3/8"ID X 4"L	1	5-1004
Washer; 1"D X 1/4 Hole Fender	1	08160
Nut; M6 Hex Serrated	1	444.460.04
Hose Clamp, 2.31-3.25"	2	9444
Hose Clamp #12 Mini	2	08420
1/2" Bndhose Clamp, 3.15"-4.00"	1	9456

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 negative battery terminal.
- e. Do not discard stock components after removal of the factory system.

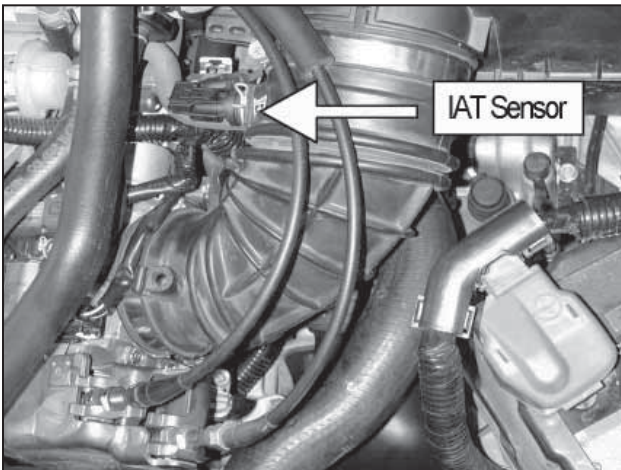
2. Removal of stock system



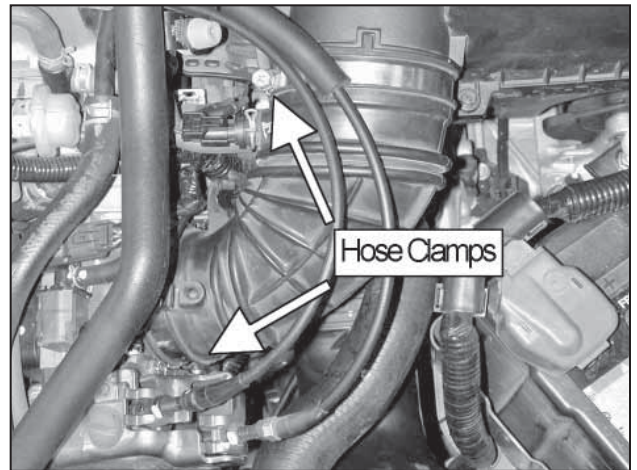
a. Remove the two mounting bolts securing the upper engine cover. Remove the engine cover.



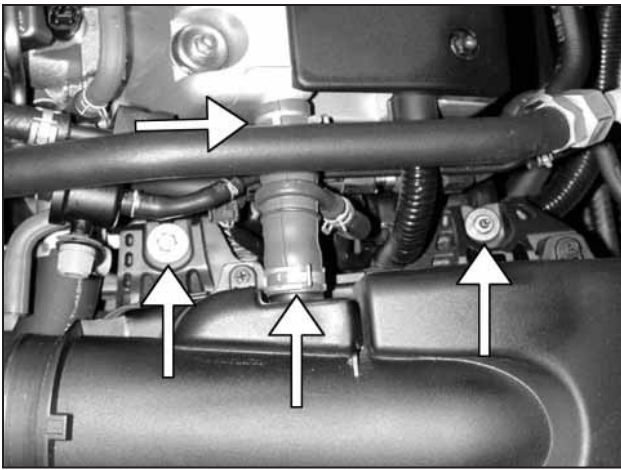
b. Make note there is one breather hose, one vacuum hose, and one intake air temperature (IAT) sensor.



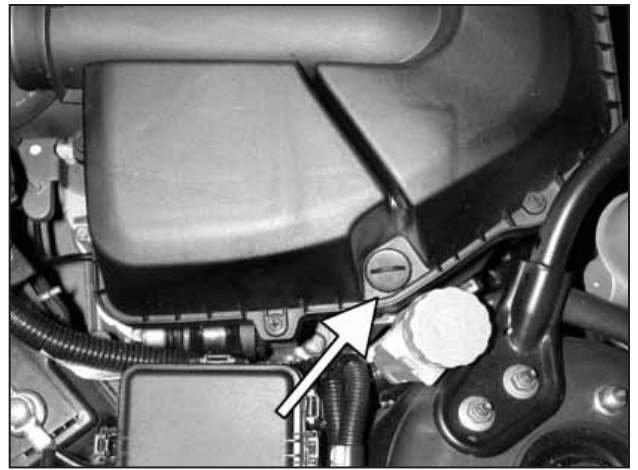
c. Disconnect the inlet air temp. sensor wiring harness. Loosen the spring clamp securing the inlet air temp. sensor and remove. Set the inlet air temp. sensor aside as it will be reinstalled on the AEM® intake system.



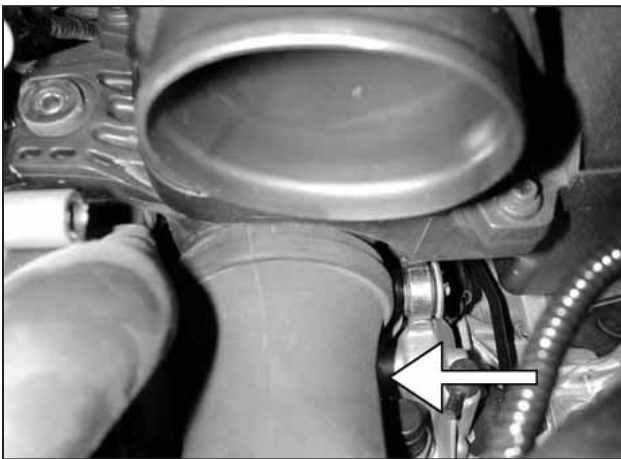
d. Loosen the hose clamps securing the upper intake tube to the throttle body and the air filter housing. Remove the thermo valve hose under the IAT sensor. The upper intake tube can now be removed from the vehicle.



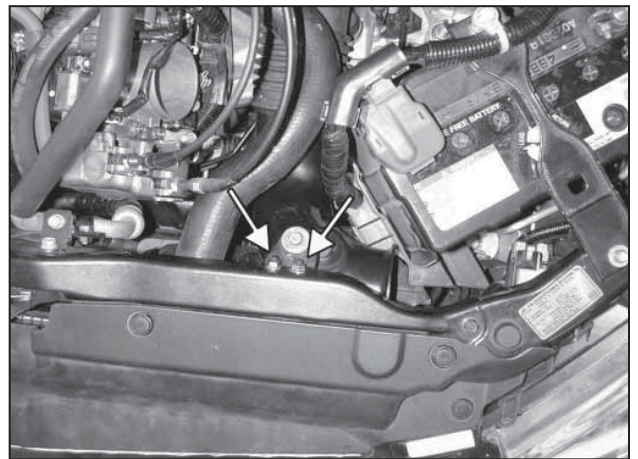
e. Loosen the spring clamp securing the crank case breather tube to the filter box and valve cover; then remove. Also, remove the mounting bolt and mounting nut that secure the filter box in place.



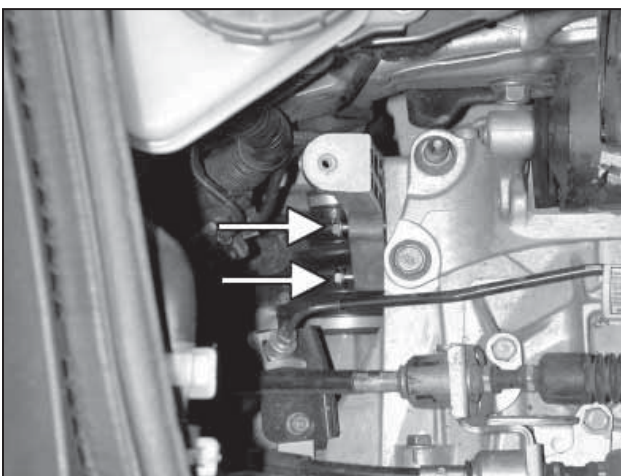
f. Remove the rubber plug from the filter box; then remove the bolt under the plug.



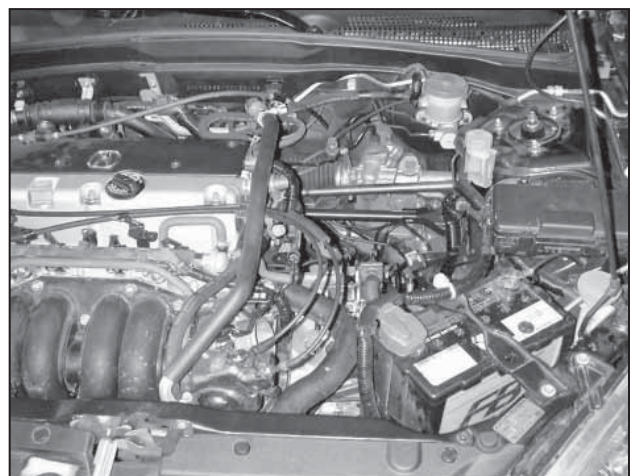
g. Disconnect the lower intake tube from the air filter box and then remove it from the vehicle.



h. Remove the two mounting nuts securing the lower intake tube to the chassis, then remove the intake tube from the vehicle.



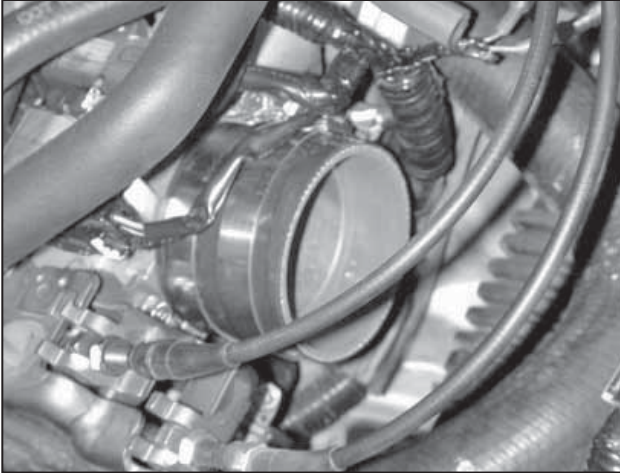
i. Remove the three bolts securing the factory intake bracket to the transmission.



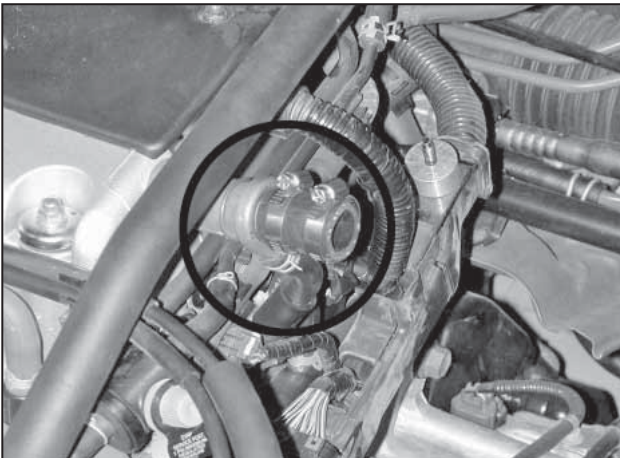
j. Factory air box system removed.

3. Installation of AEM® intake system.

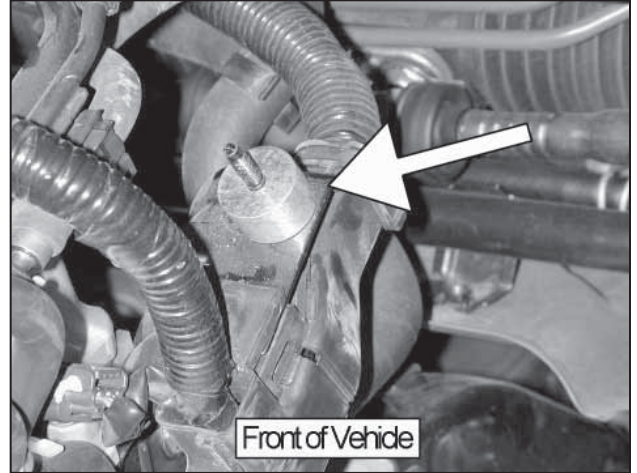
a. When installing the intake system, do not completely tighten the hose clamps or mounting hardware until instructed to do so.



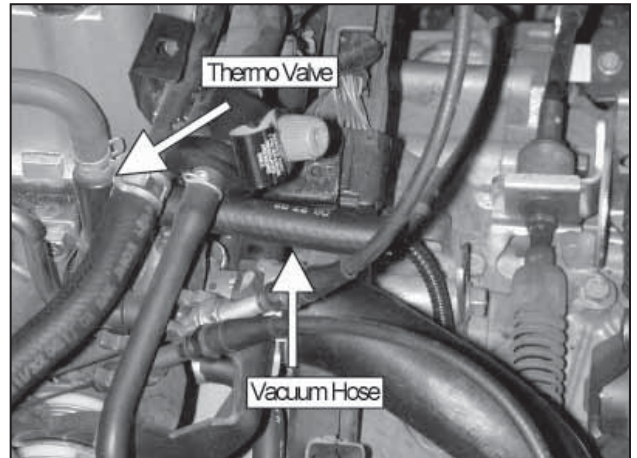
b. Install the 2.75" hose onto the throttle body using the 3" hose clamps. Check to see that the inside of the AEM® intake pipe and air filter are clean and free from any foreign objects and/or obstructions.



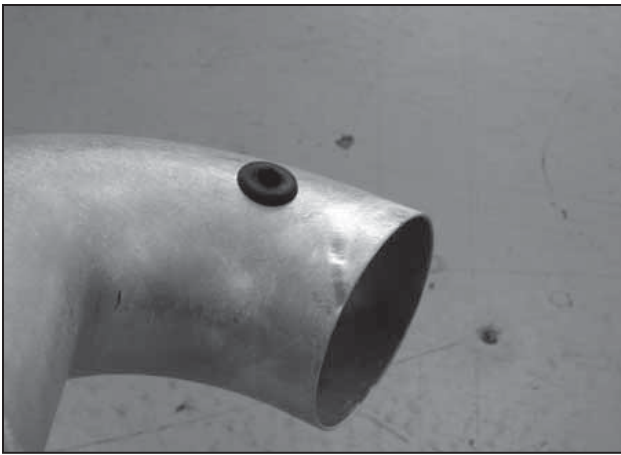
d. Replace the factory breather hose with the supplied breather hose. Use the supplied 1 1/4" hose clamps to secure the breather hose in place.
NOTE: Some trimming of the breather hose may be necessary.



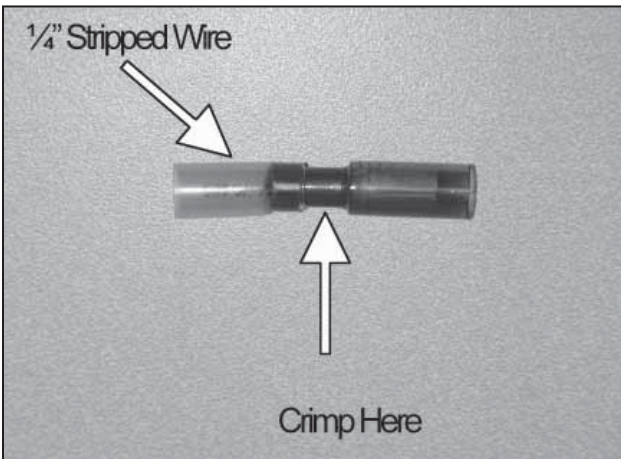
c. Install the aluminum spacer onto the mounting stud where the factory intake mounted.



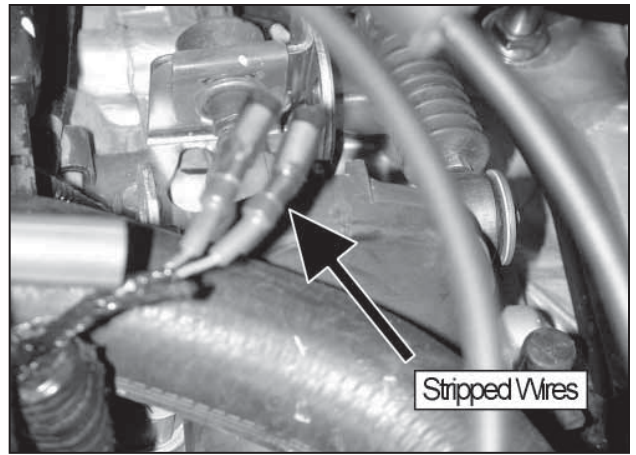
e. Install the provided 3/8" vacuum hose onto the factory thermo valve.



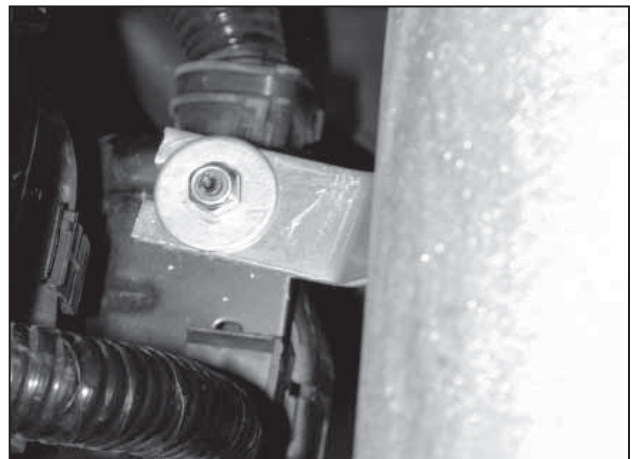
f. Install the supplied rubber grommet and IAT sensor into the AEM® intake pipe.



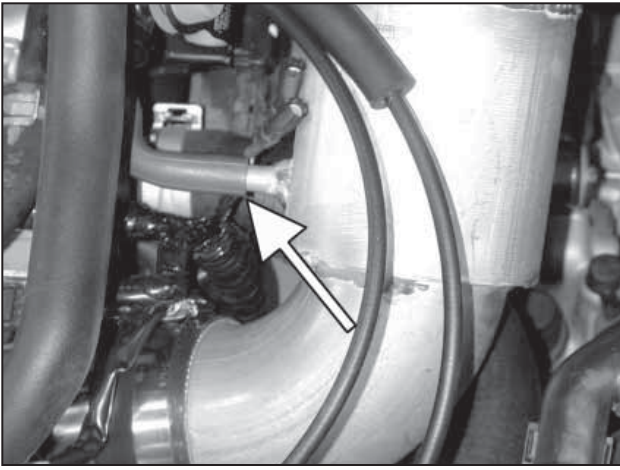
h. Slide one female bullet terminal onto each of the exposed IAT wires. Ensure the bare wire ends are inserted into the bullet terminal ends with the clear shrink insulation. Once situated, use a wire crimper to crimp the narrow section of each bullet terminal to each wire. Use a heat gun to heat and seal the shrink insulation of the bullet terminals to the IAT wires. The process must also be completed for the IAT sensor connector plug. Strip a 1/4" of rubber off each of the wire ends to expose the bare wire. Repeat the process for step 3h. for the IAT sensor connector plug, but with the male bullet terminals.



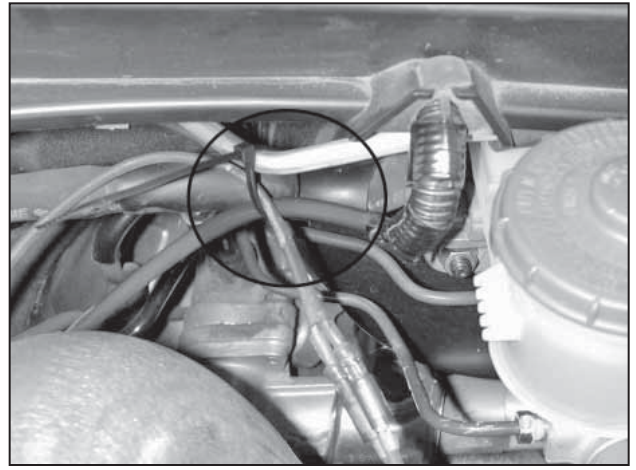
g. Carefully remove the electrical tape from the IAT sensor wire harness. Cut both wires exactly 1.5" from the IAT sensor connector plug. On the wire harness side, strip 1/4" of rubber off each of the wire ends to expose the bare wire.



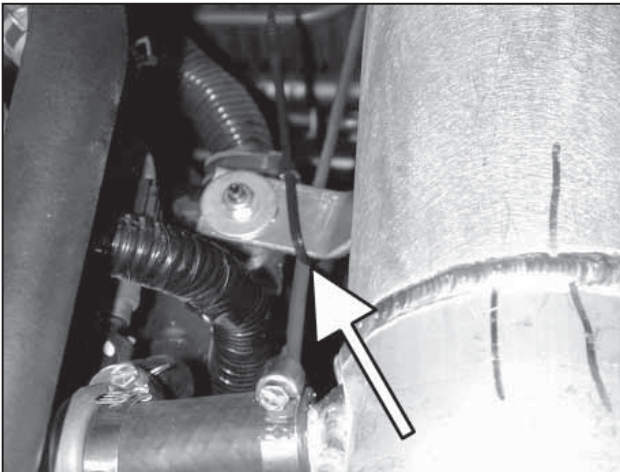
i. Slide AEM® intake pipe into place under the throttle cables, but above the radiator line. Align the mounting bracket with the mounting stud on top of the aluminum spacer previously installed. Install a washer and nylok nut onto the stud.



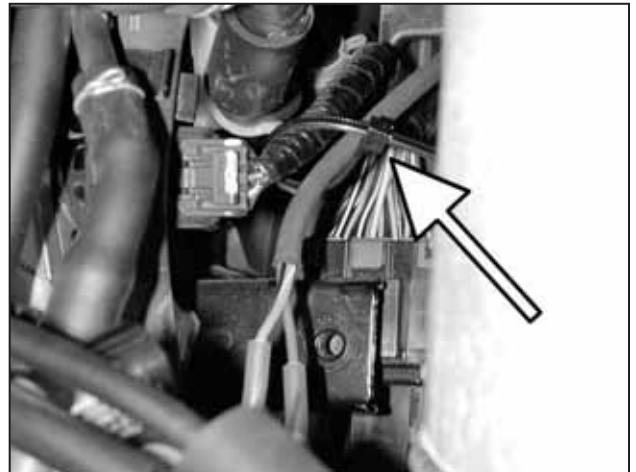
j. Attach the rubber breather hose and the thermo valve vacuum hose as shown.



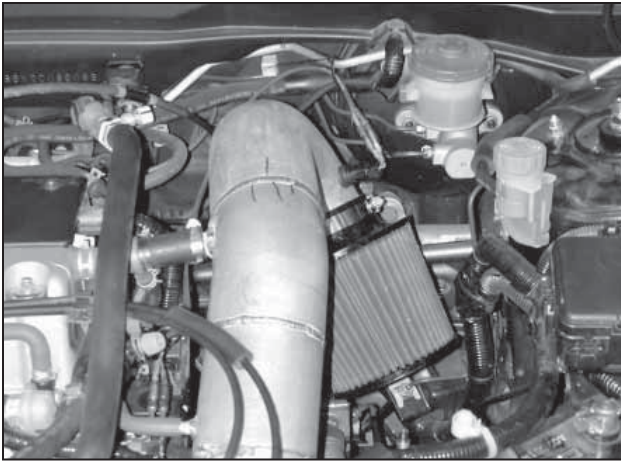
k. Plug the supplied wiring harness into the IAT sensor and into the factory wiring harness connector. **Be careful** and match the red wire and green wire correctly! Use one of the supplied zip-ties to secure the IAT sensor harness and the other electrical line to the aluminum tube on the firewall.



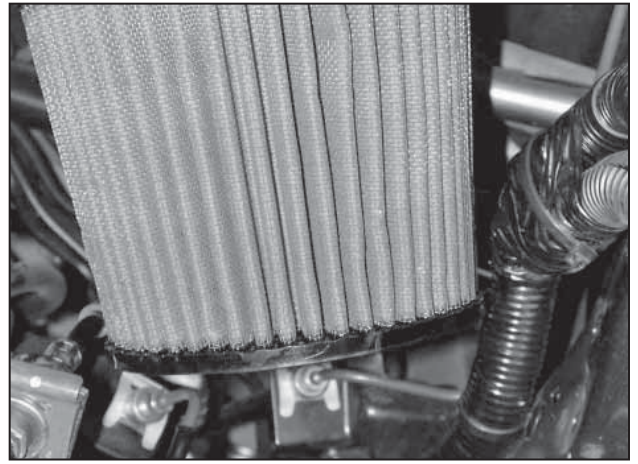
l. Zip-tie the IAT sensor harness to the intake pipe's mounting bracket.



m. Zip-tie the IAT sensor harness to the ECT sensor harness. Be sure to leave the zip-tie loose enough to allow both wire harnesses to move independently.



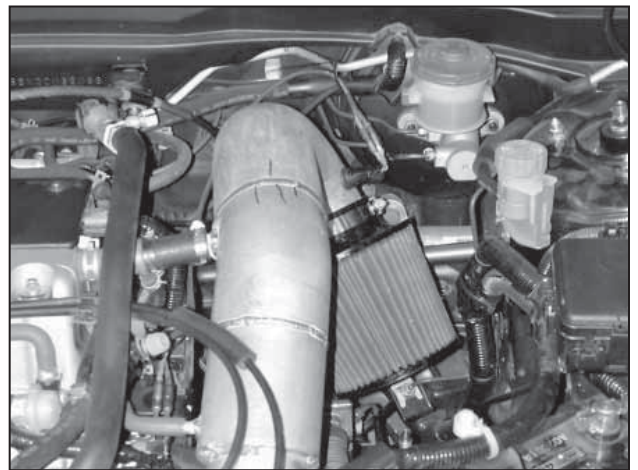
n. Install the AEM® air filter onto the end of the intake pipe. Push the air filter over the intake pipe until the stop in the air filter is reached. Then install one hose clamp to secure the air filter onto the intake pipe. Once fitment is checked, tighten the hose clamp.



o. Ensure the air filter does not make contact with any part of the vehicle. Position the intake pipe for best fitment, ensuring the intake pipe does not make contact with any part of the vehicle. Tighten the hose clamps at the throttle body and silicone coupling. Tighten the nut on the mounting bracket. Check for proper hood clearance. Re-adjust pipe if necessary.



Factory air box system installed



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 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. 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).