



Equipped with AEM® Dryflow™ Filter  
No Oil Required!

## INSTALLATION INSTRUCTIONS

**PART NUMBER: 24-6106**

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2002-2004 ACURA RSX Type-S L4-2.0L

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

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\* **NOTE** Legal in California only for racing vehicles which may never be used upon a highway

## PARTS LIST

Description	Qty.	Part Number
Inlet Pipe	1	2-61061
Air Filter Assy. 3.50 X 5" Dry Ele.	1	21-204DK
Hose, Silicone 3.00x2" Black	1	5-302
Grommet, 3/8"	1	784633
Spacer, 1.00 OD X .250 ID X .6	1	2-647
Zip Tie, 6 Long	2	1-113
Zip Tie, 11.25 Long	1	1-115
Zip Tie, 8" Tree Push-Mnt.	1	1-127
Hose; 3/4"ID X 2"L	1	5-4002
Washer, 6mm Soft Mount	1	559999
Nut, M6 Hex Serrated	1	444.460.04
Hose Clamp, 1 1/4" Narrow	2	4093-8
1/2" Bnd. Hose Clamp, 2.56"-3.50"	2	9448
1/2" Bnd. Hose 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.

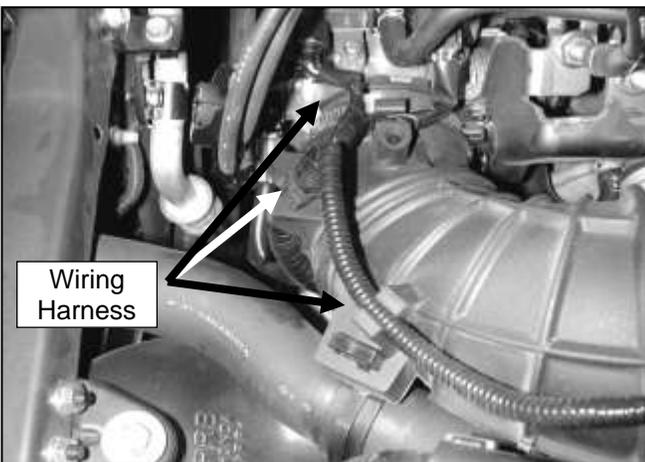
## 2. Removal of stock system



a. Factory air box configuration. Make note that there is one breather hose, one vacuum hose, and one Intake air temperature (IAT) sensor.



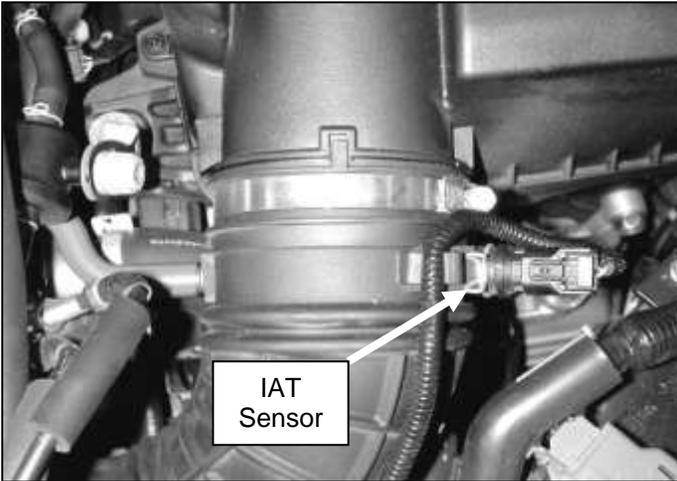
b. Remove the two mounting bolts securing the upper engine cover. Remove the engine cover.



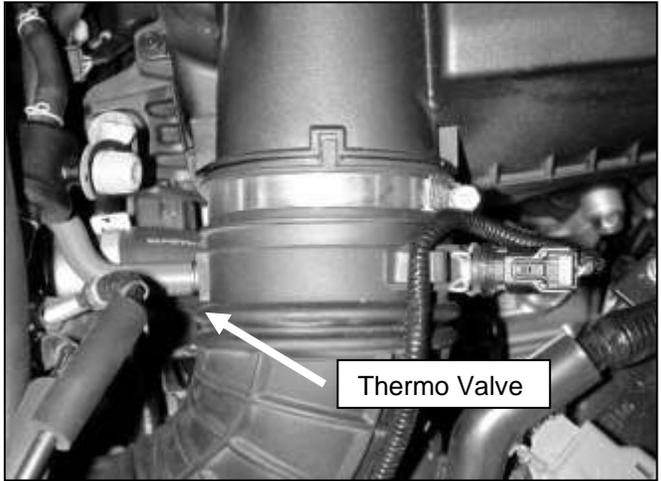
c. Remove the wiring harness from the rubber holds in the stock upper intake tube.



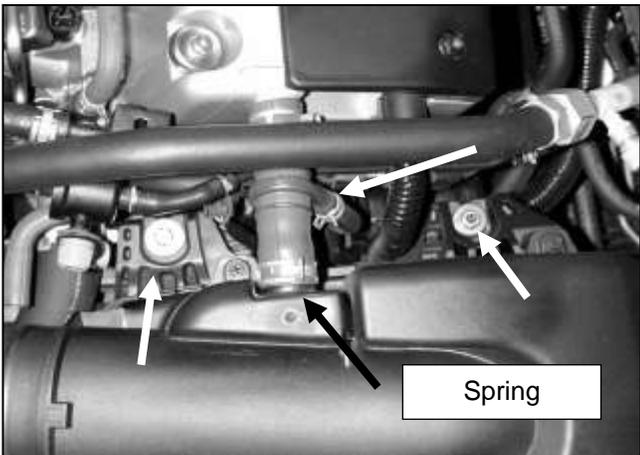
d. Remove the hose clamp securing the stock upper intake tube to the throttle body.



e. Remove the wiring harness from the rubber holds in the stock upper intake 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.



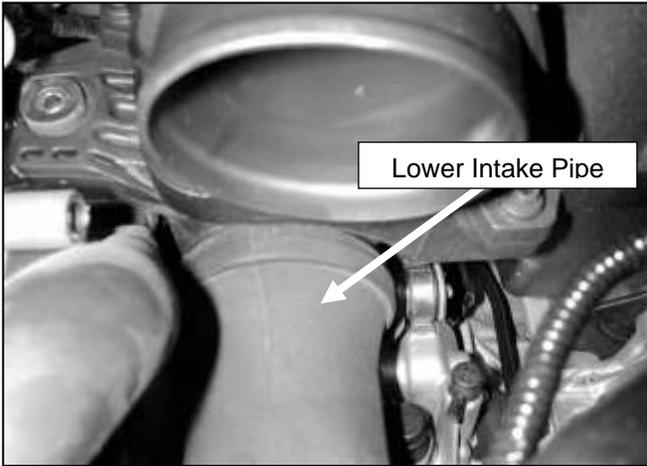
f. Remove the hose clamp securing the stock upper intake tube to the filter box. Remove the thermo valve hose. Remove the stock upper intake tube from the vehicle.



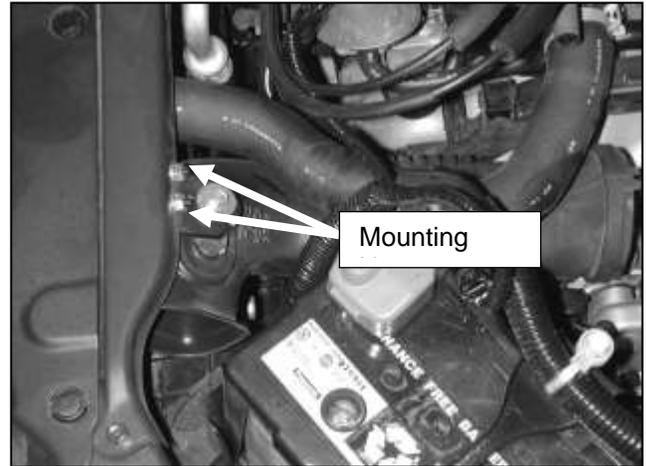
g. Loosen the spring clamp securing the crankcase breather tube and remove from the filter box. Remove the mounting bolt securing the filter box. Remove the mounting nut securing the filter box.



h. Remove the rubber plug from the filter box. Then remove the bolt under the plug.



i. Disconnect the lower intake tube from the air filter box. Remove the air filter box.



j. Remove the two mounting nuts securing the lower intake tube to the chassis. Then remove the inlet tube.



k. The factory air box system removed



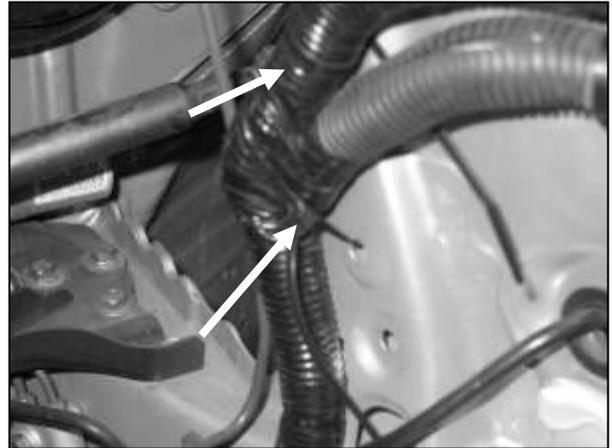
l. Remove the three bolts holding the stock air intake bracket to the transmission.

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

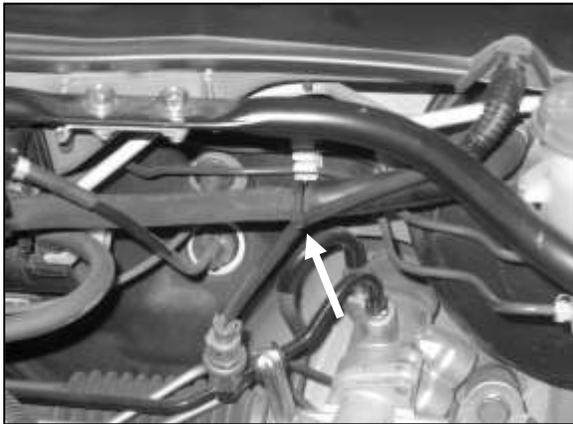
- a. When installing the intake system, do not completely tighten the hose clamps or mounting hardware until instructed to do so.



b. Install the 3" hose on to the throttle body using the #48 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.



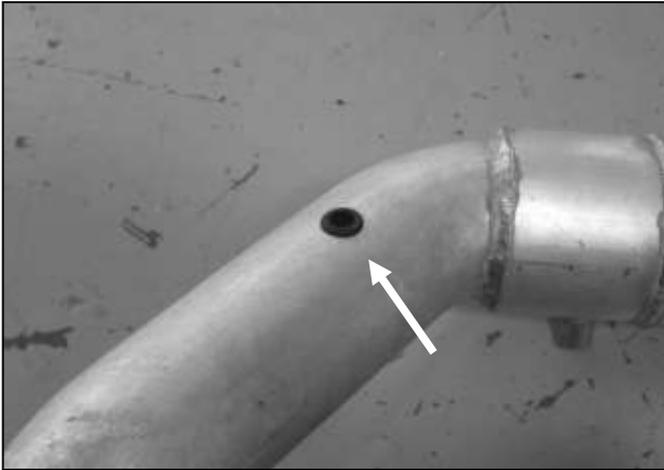
c. Clip off the zip tie holding the wire harness to the top of the shock tower. Use the supplied 11.25" zip tie to reattach the harness by snaking the zip tie through the metal support bracket on the shock tower. Use the supplied mounting zip tie to replace the upper zip tie previously clipped as shown. Remove excess.



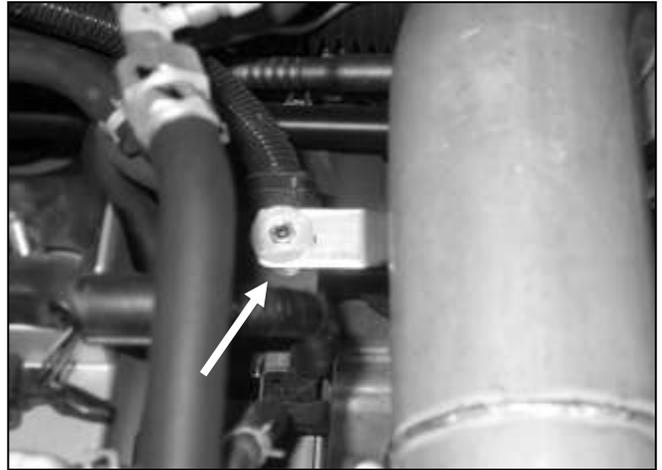
d. Zip tie rear electric line to insulated heater line as shown using supplied 6" zip tie. Cut off excess.



e. Install the aluminum spacer onto the mounting stud where the stock intake mounted.



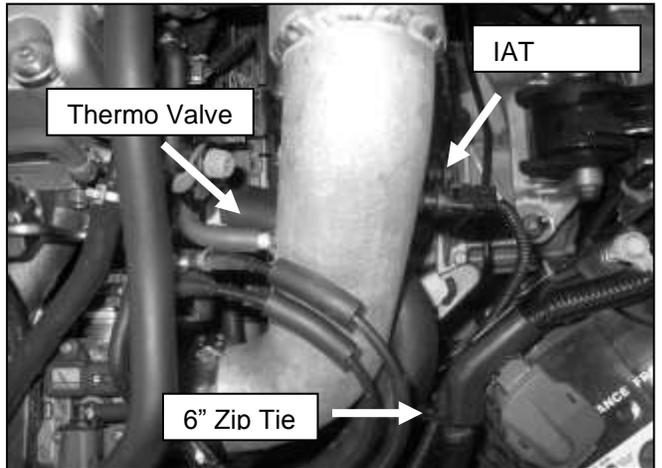
f. Install the supplied rubber grommet into the AEM® intake pipe.



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



h. Slide the supplied breather hose onto the AEM® intake pipe and use the 1-1/16" hose clamps to secure. This hose should be trimmed to fit properly.



i. Attach the factory thermo valve line and install the IAT sensor into the rubber grommet. Plug the wiring harness into the IAT sensor. **Be careful not to damage the IAT sensor!** Use the supplied 6" zip tie to secure IAT sensor wire to battery wire.



j. Install the AEM<sup>®</sup> air filter onto the end of the inlet tube. Push the air filter over the inlet pipe until the stop in the filter is reached. Then install the #56 hose clamp to secure the filter onto the inlet pipe. Once proper fitment is confirmed, tighten the hose clamp.



k. Check that the filter is not touching any part of the vehicle. Position the inlet pipe for best fitment. Be sure that the pipe or any other component is not in 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.

#### 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. It is recommended that you service your AEM<sup>®</sup> 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<sup>®</sup> intake tube.
- c. Use window cleaner to clean your powder coated AEM intake tube. **(NOTE: DO NOT USE aluminum polish on powder coated AEM<sup>®</sup> 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.