



Equipped with AEM® Dryflow™ Filter  
No Oil Required!

# INSTALLATION INSTRUCTIONS

## PART NUMBER: 22-506

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2002-2006 ACURA RSX Type-S L4-2.0L

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

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

## PARTS LIST

Description	Qty.	Part Number
Air Filter ASSY. 3.00 X 5" Dry Ele.	1	21-203DK
Short Pipe	1	2-5061
Hose, Silicone 3.00 x 2" Black	1	5-302
Spacer, 1.00 OD X .250 ID X .6	1	2-647
Grommet, 13/32"	1	784639
Washer, 6mm Soft Mount	1	559999
Nut, M6 Hex Serrated	1	444.460.04
1/2" Bnd. Hose Clamp, 2.56"-3.50"	2	9448
1/2" Bnd. Hose Clamp, 2.90"-3.75"	1	9452

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.

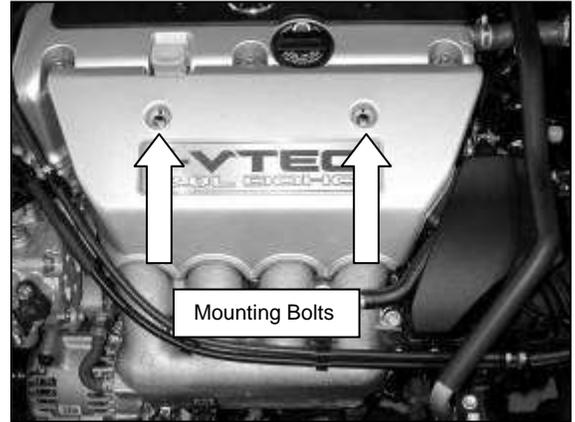
## 1. Preparing Vehicle

- 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. Do not discard stock components after removal of the factory system.

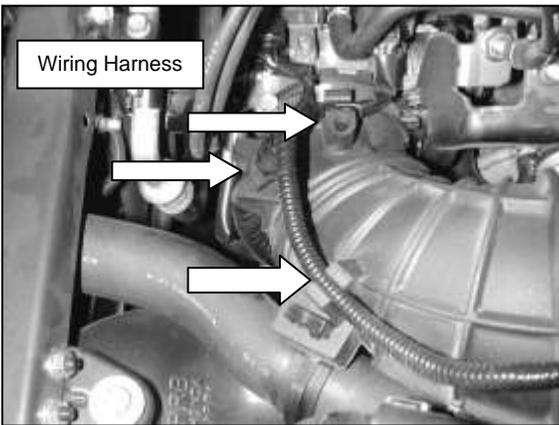
## 2. Removal of stock system



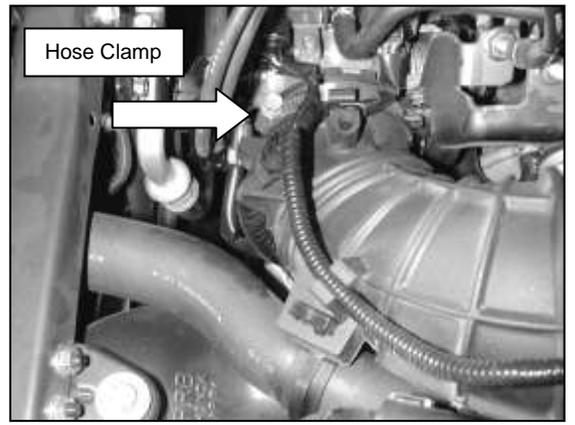
a. Factory air box system installed in the vehicle.



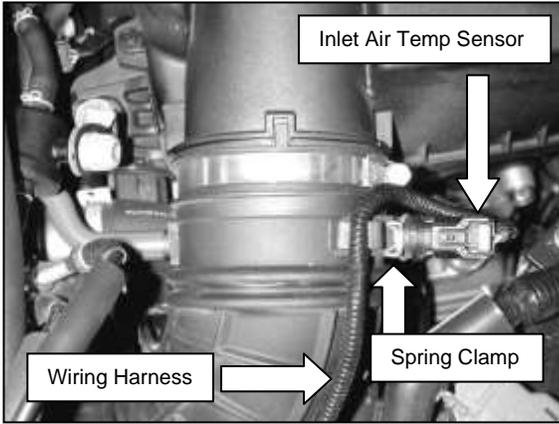
b. Remove the two mounting bolts securing the upper engine cover. Remove the engine cover.



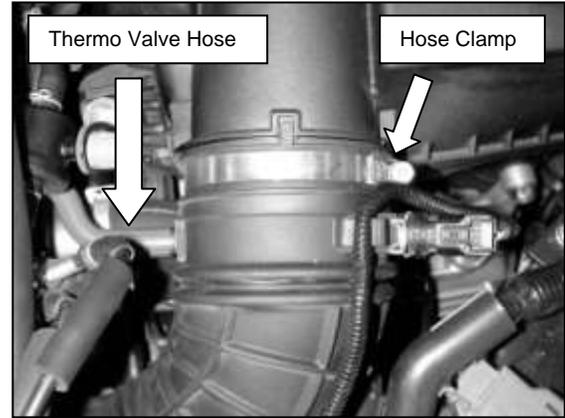
c. Remove the wiring harness from the rubber holds in the stock upper intake tube.



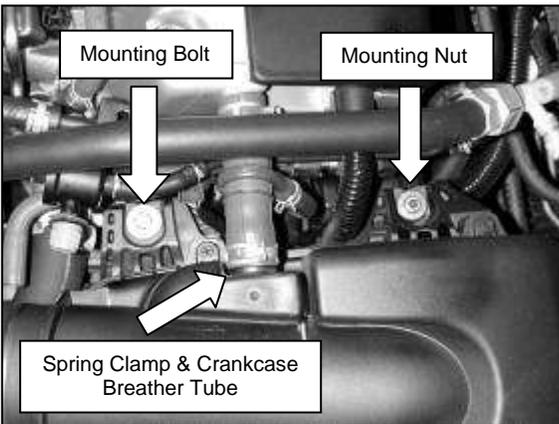
d. Remove the hose clamp securing the stock upper intake tube to the throttle body.



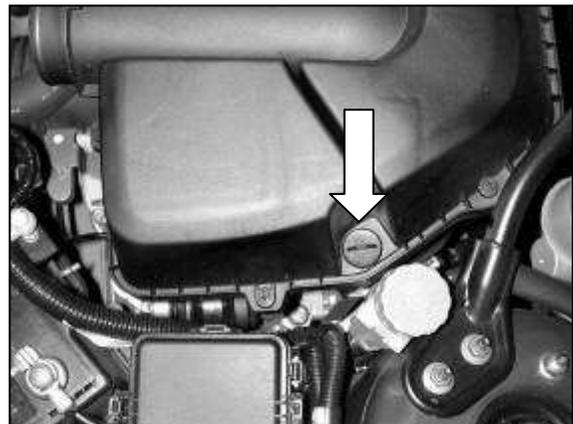
e. Remove the wiring harness from the rubber holds in the stock upper intake tube. Disconnect the inlet air temp sensor wiring harness. Loosen the spring clamp securing the inlet air temp sensor and remove. Set the inlet air temp sensor aside as it will be reinstalled on the AEM® intake system.



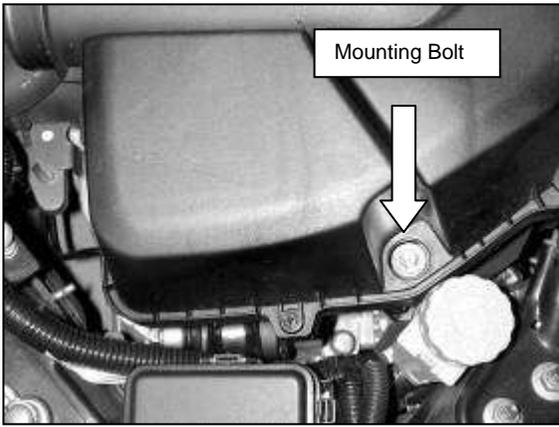
f. Remove the hose clamp securing the stock upper intake tube to the filter box. Remove the thermo valve hose. Remove the stock upper intake tube from the vehicle.



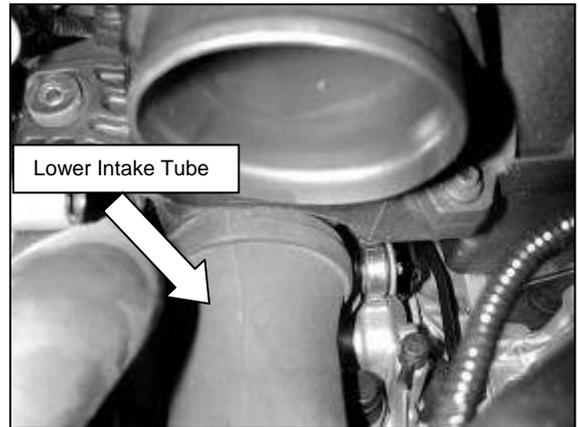
g. Loosen the spring clamp securing the crankcase breather tube and remove from the filter box. Remove the mounting bolt securing the filter box. Remove the mounting nut securing the filter box.



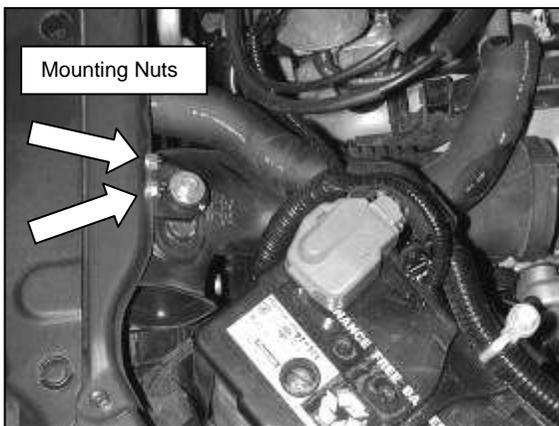
h. Remove the rubber plug from the filter box.



i. Remove the mounting bolt securing the filter box.



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



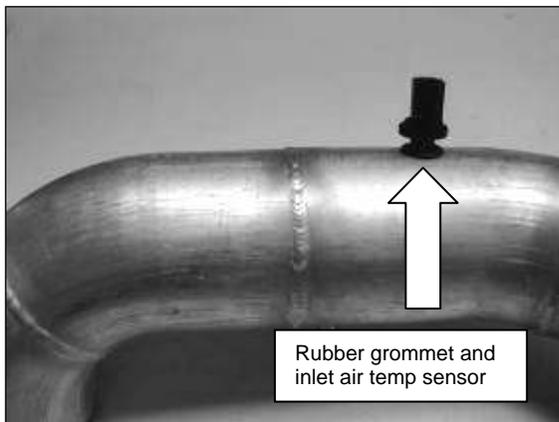
k. Remove the two mounting nuts securing the lower intake tube to the chassis. Remove the lower intake tube.



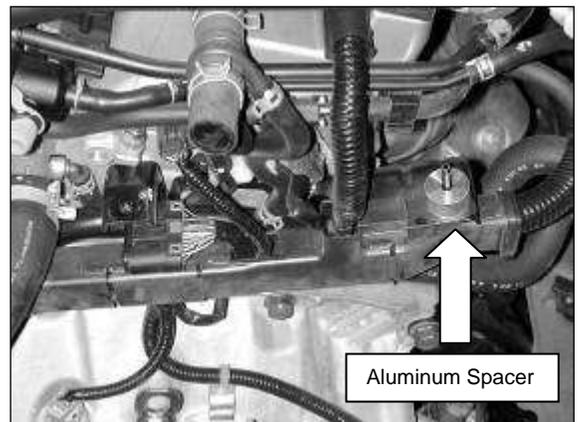
l. Factory air box system removed from the vehicle.

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

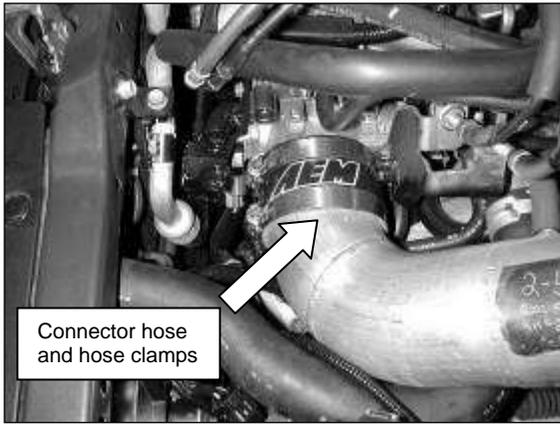
- a. When installing the intake system, do not completely tighten the hose clamps or mounting hardware until instructed to do so.



b. Install the supplied rubber grommet in the intake pipe. Install the inlet air temp sensor.

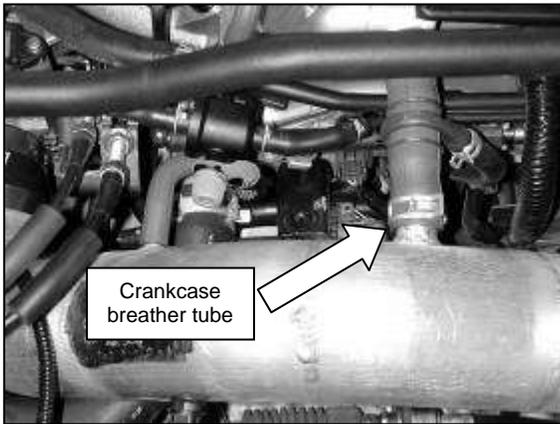


c. Install the aluminum spacer over the stud that became exposed after removing the factory air box assembly.



Connector hose and hose clamps

d. Install the supplied connector hose onto the throttle body and the intake pipe. Install the two supplied hose clamps on the connector hose.

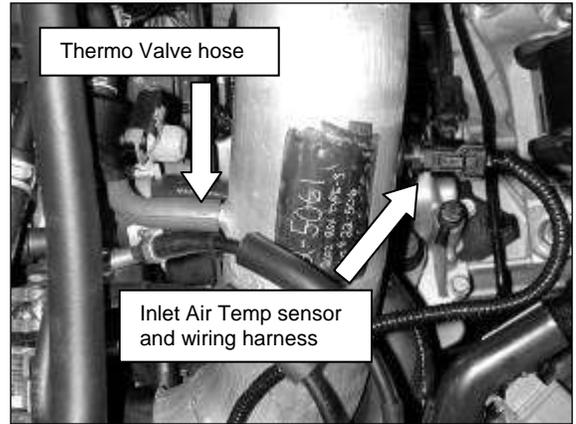


Crankcase breather tube

f. Install the crankcase breather tube on the intake pipe and secure it with the stock spring clamp.



h. Install the AEM® air filter onto the end of the intake pipe. Install the supplied hose clamp to secure the filter on to the intake pipe.



Thermo Valve hose

Inlet Air Temp sensor and wiring harness

e. Install the thermo valve hose on the intake pipe. Plug in the inlet air temp sensor wiring harness.



g. Install the intake pipe over the aluminum spacer. Use the supplied nyloc nut and washer to secure the intake pipe.



i. AEM® intake system installed



j. Check for proper hood clearance.  
Re-adjust pipes if necessary.

#### 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® 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](mailto: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.