



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

# **INSTALLATION INSTRUCTIONS**

## **PART NUMBER: 22-505**

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2002-2006 ACURA RSX L4-2.0L

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

## PARTS LIST

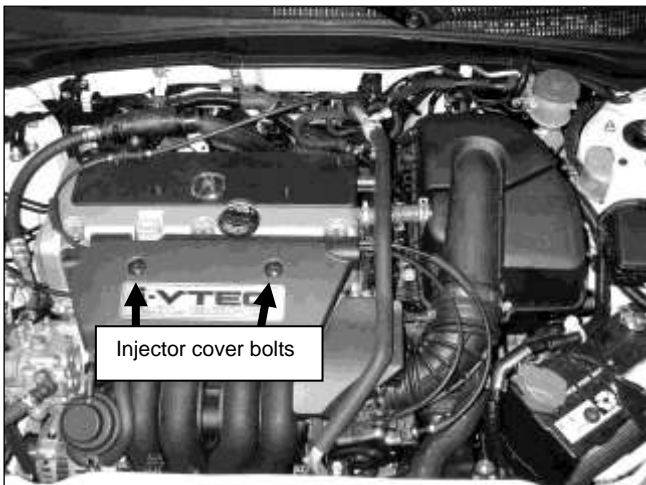
Description	Qty.	Part Number
Air Filter Assy. 3.00 X 5" Dry Ele.	1	21-203DK
Short Pipe	1	2-5051
Hose, Adapter 2.75/3.00 X 3"	1	5-273
Grommet, 3/8"	1	784633
Spacer, 1.00 OD X .250 ID X .6	1	2-647
Hose; 3/8"ID X 7"L	1	5-1007
Washer, 6mm Soft Mount	1	559999
Hose Clamp, 3/4"	2	4093-5
1/2" Bnd. Hose Clamp, 2.31-3.25"	1	9444
1/2" Bnd. Hose Clamp, 2.56"-3.50"	1	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.

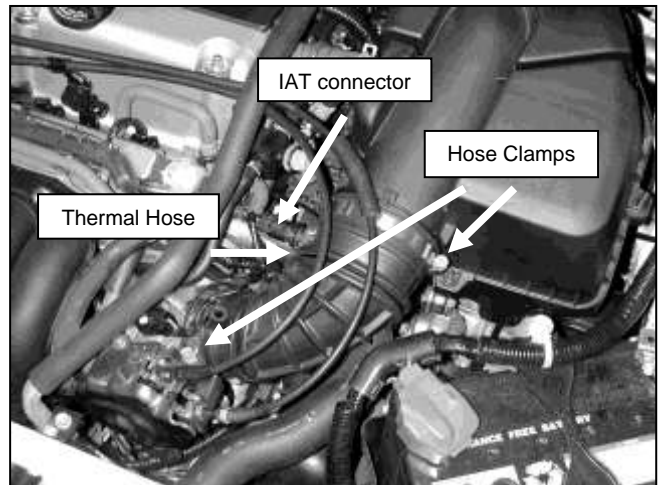
## 1. Preparing Vehicle

- 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.

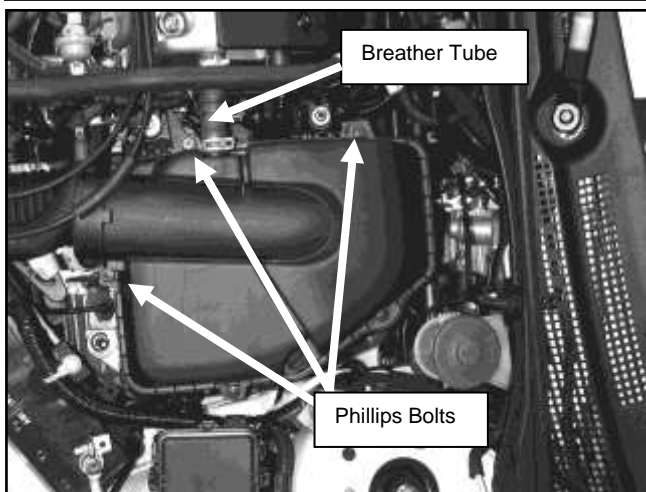
## 2. Removal of stock system



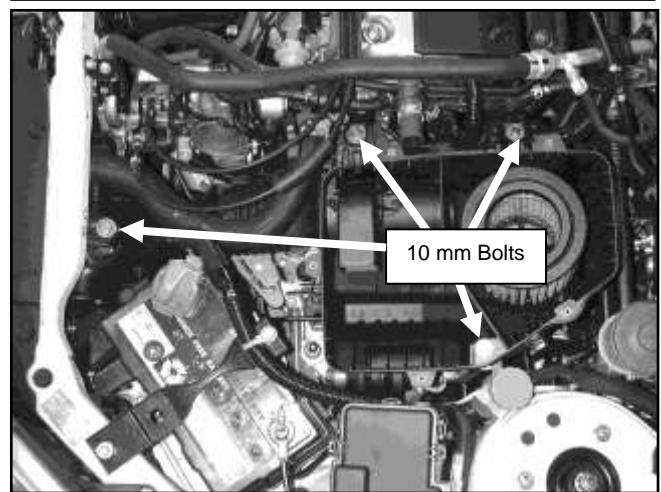
a. Loosen the two 10 mm bolts and remove the injector cover.



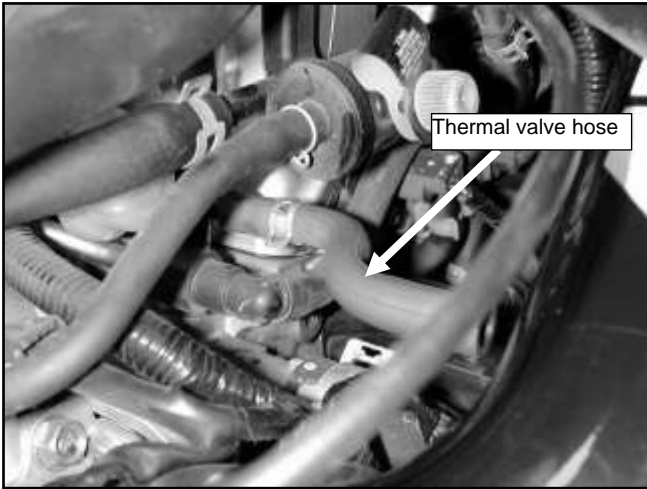
b. Loosen the two hose clamps securing the stock intake tube to the throttle body and filter box. Unplug the intake air temp (IAT) sensor, and remove the stock intake tube. Remove the intake air bypass thermal valve vacuum hose.



c. Loosen the 5 Phillips head screws and remove the air filter box cover. Remove the breather tube.



d. Loosen the four 10mm bolts and the 10mm nut securing the air filter box and remove it.



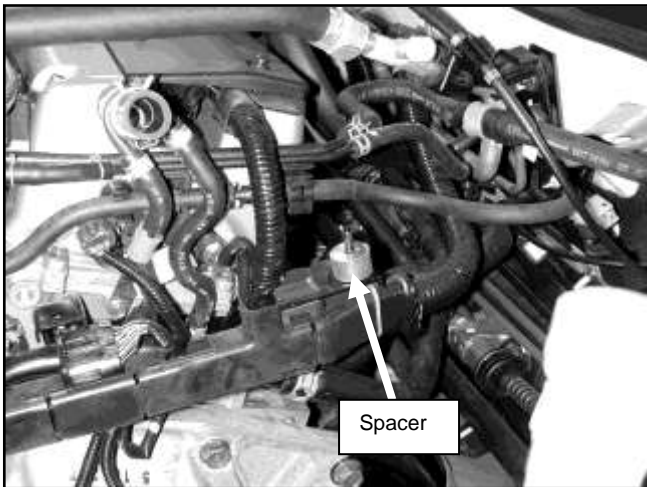
e. Remove the stock thermal valve hose.



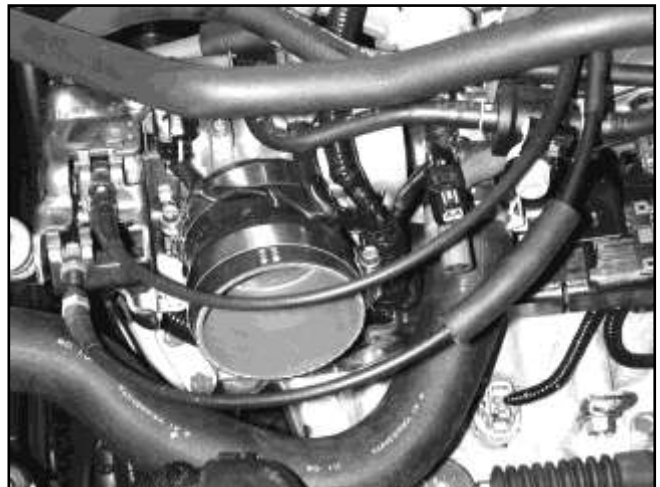
f. Loosen the three 10mm bolts, and remove the air filter box mount.

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

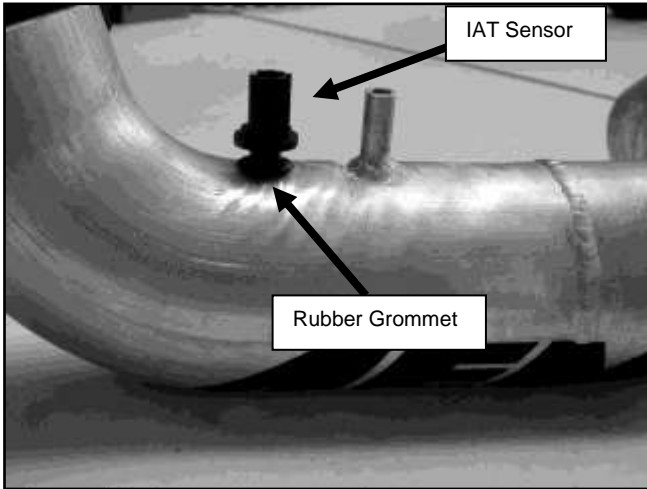
- a. When installing the intake system, do not completely tighten the hose clamps or mounting hardware until instructed to do so.



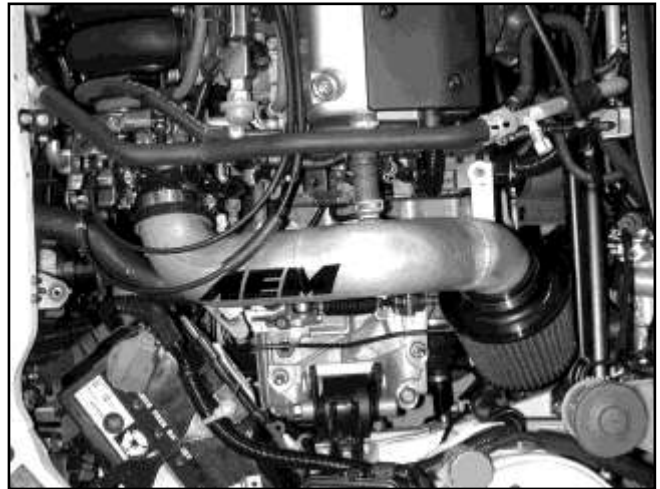
b. Slide the supplied aluminum spacer over the air filter mounting stud as shown.



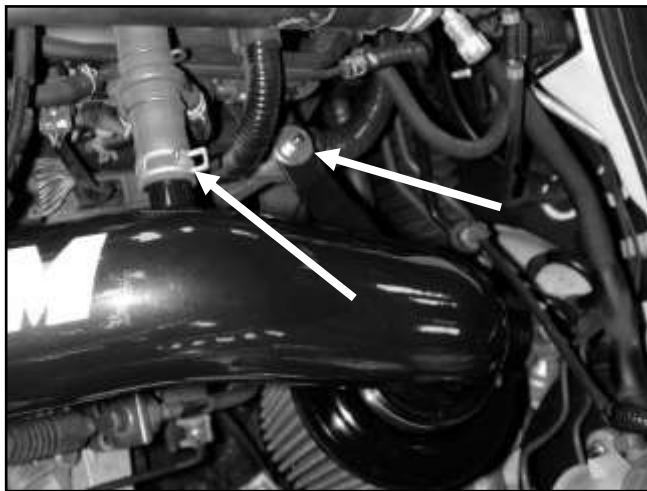
c. Install the included rubber reducer coupler onto the throttle body using the supplied No. 44 clamp, and place the No. 48 clamp over the large end of the coupler.



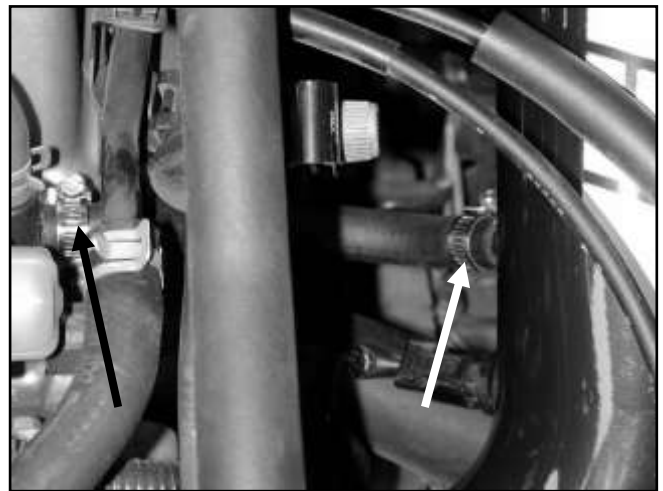
d. Install the included rubber grommet into the hole in the intake pipe. Install the factory intake air temp sensor, lubricate the inside diameter of the grommet to ease installation.



e. Place the air filter onto the end of the inlet pipe closest to the mounting tab. Place the other end of the pipe into the reducer at the throttle body.



f. Attach cam cover breather hose. Secure inlet pipe tab to the spacer using the supplied washer and stock nut.



g. Route supplied 3/8" hose between thermal valve and inlet pipe. Secure it with the supplied hose clamps.



h. Replace the injector cover.

#### 4. Reassemble Vehicle

- a. **IAT Sensor:** Connect the IAT wiring harness connector to the intake air temp sensor.
- b. 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.
- c. Check for proper hood clearance. Re-adjust pipes if necessary and re-tighten them.
- d. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- e. 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)**