



Equipped with AEM® Dryflow™ Filter  
No Oil Required!

## INSTALLATION INSTRUCTION

### PART NUMBER: 24-6003

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1994-2001 ACURA Integra L4-1.8L Manual Trans. C.A.R.B. E.O. # D-670

“Non VTEC” models ONLY

**AEM® bypass valves are not compatible with this *intake system* (part number 24-6003)  
DO NOT attempt to install an AEM bypass valve on this intake system.**

## PARTS LIST

Description	Qty.	Part Number
Air Filter Assy. 4.00 X 5" Dry Ele.	1	21-205DK
Inlet Pipe	1	2-60031
Bracket, Trans.	1	32-3023
Hose, Silicone 2.50x3" Blk.	1	5-250
Hose; 3/8"ID X 13"L	1	5-1013
Mount, Rubber 1" X 6mm	1	1228599
Bracket, A/C Line Ext.	1	32-3025
Bolt, Hex/Flange M6-1 X 20	1	1-2038
Bolt, Hex/Flange M12-1.25 X 25	3	1-2076
Washer, 6mm Soft Mount	1	08160
Washer, M12 SAE Flat	4	1-3029
Nut, M6 Hex Serrated	1	444.460.04
Nut, M12-1.25 X 25 Nylock	1	1-2077
1/2" Bnd. Hose Clamp, 2.15-3.00"	2	9440
Hose Clamp, 1 1/2"	2	4093-4
1/2" Bnd. Hose Clamp, 3.56"-4.50"	1	9464

**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.**

**The AEM® intake system is a performance product that can be used safely during mild weather conditions. During harsh and inclement weather conditions, you must return your vehicle to stock OEM air box and intake tract configuration. Failure to follow these instructions will void your warranty.**

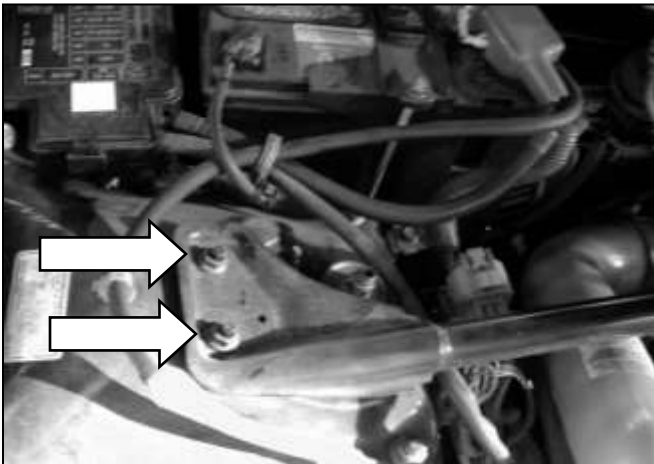
## **1. Preparing Vehicle**

- 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. 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.**

- f. Remove the passenger side wheel.
- g. Do not discard stock components after removal of the factory system.

## **2. Removal of stock system**



a. Remove the strut bar from the shock towers by removing the mounting nuts. Disconnect the PCV hose from the valve cover.



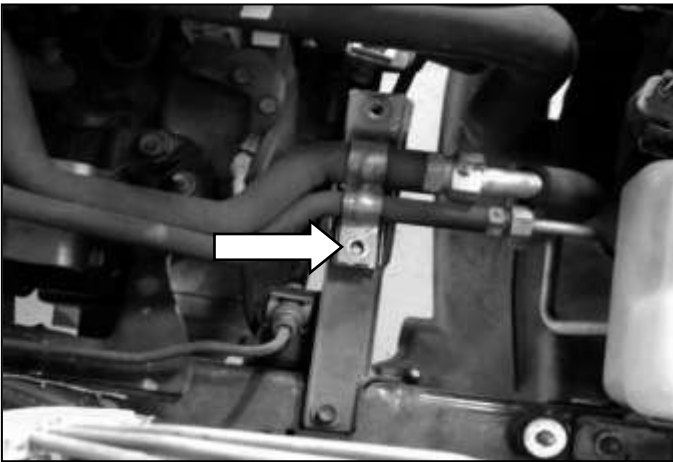
b. Remove the stock air box system by loosening the hose clamp around the throttle body and removing the two air box mounting bolts.



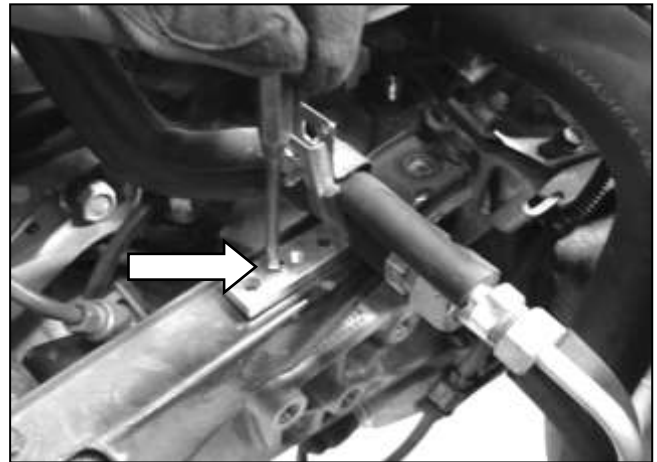
c. Partially remove the splashguard and tuck it out of the way.



d. Remove the resonator from the cavity behind the front bumper (older models will be black).



e. Remove the bolt holding the A/C line bracket in place.



f. Install the spacer from the AEM<sup>®</sup> kit in place where the A/C line bracket was bolted. Install it with the pin inserted into small un-threaded hole on the bracket. It may be necessary to push the pin into the hole with a punch or similar tool. Make sure that the spacer is oriented with the threaded hole toward the A/C lines.

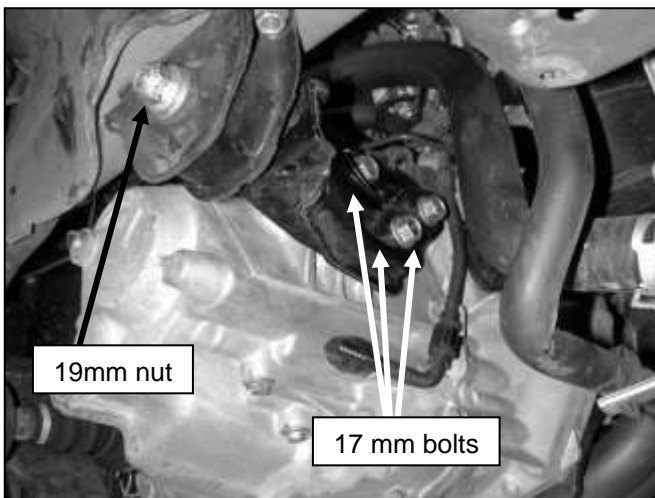


g. Using the M6 x 15mm bolt from the AEM® kit, bolt the spacer to the bracket.



h. Reinstall the A/C line bracket to the spacer. Do not over tighten or threads will be stripped from the spacer.

### 3. Engine Mount Removal and Installation



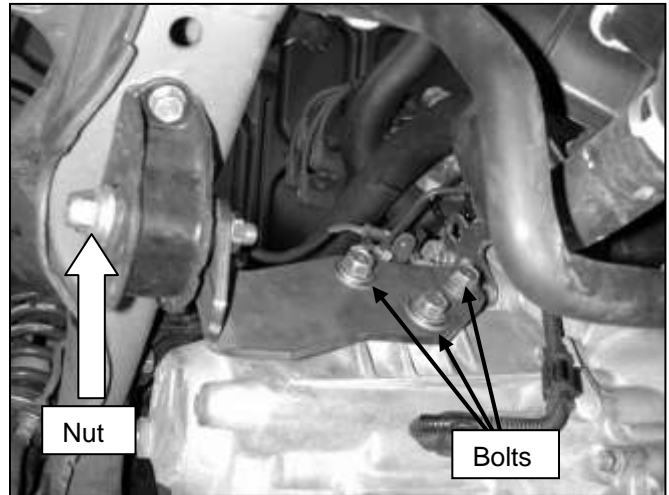
a. Using a 19mm socket, remove the engine mount nut, then loosen the three bolts with a 17mm wrench, and remove the mount.



b. Using a 14 mm wrench, remove the mounting stud from the factory engine mount assembly. It may be necessary hold the bracket in a vice to do this.



c. Install the factory mounting stud from step 3b on the supplied engine mount bracket, using the nylock nut and washer provided.



d. Using the supplied bolts and the factory washers, install the AEM<sup>®</sup> engine mount on the transmission, then replace the factory washer and nut on the mounting stud.

#### 4. Installation of AEM<sup>®</sup> 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 rubber mount in the hole on the underside of the frame next to the frame hook as shown in the picture.

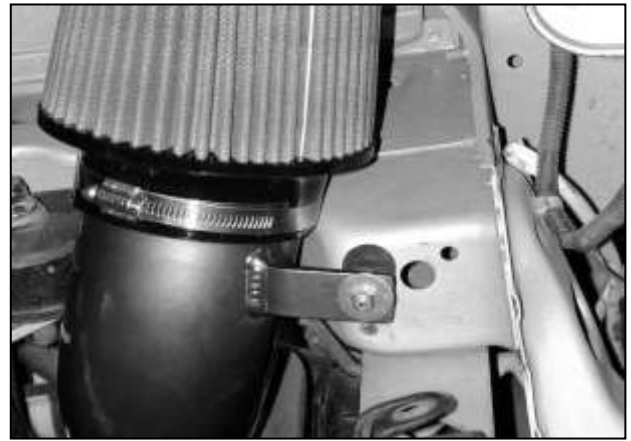


c. Insert the 2.5" x 3.0" coupler onto the throttle body (this is a tight fit). Slide the two #44 hose clamps over the end of the coupler.

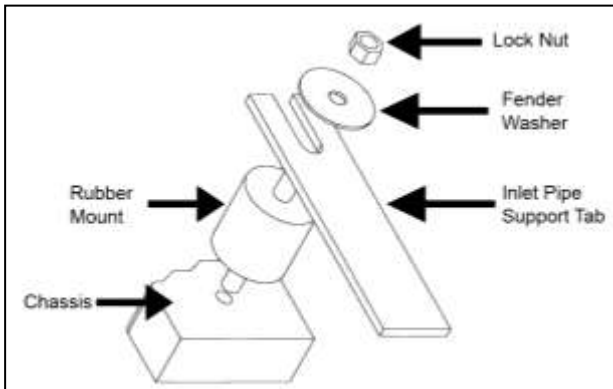


d. Insert the AEM® intake pipe in to the engine bay with the 2.5" end first, from the bottom of the vehicle. Slip the end of the intake pipe into the silicone coupler.

**NOTE: The coolant reserve tank may need to be relocated while installing the intake pipe. Be sure to secure the coolant reserve tank into its original location once the intake pipe is installed.**



e. Align the tab on the intake pipe with the rubber mount. Install the 6mm nut and washer according to the diagram below. Do not tighten the nut.



Proper installation of rubber mount assembly.



f. Install the air filter on the long end of the 4" diameter elbow. From underneath the vehicle, position the assembly so that the intake pipe and air filter **do not** make contact with the vehicle. Once proper fitment is achieved, secure the rubber mount's nut.



g. Install the 3/8" hose from the valve cover vent to the nipple on the intake pipe. Secure it in place with 3/4" hose clamps.

## 5. Reassemble Vehicle

- a. **Splashguard:** Install and secure the splashguard that was partially removed in step 2c.
- b. **Wheel:** Install the passenger side wheel using the factory torque specification (see owner's manual).
- c. 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.
- d. Check for proper hood clearance. Re-adjust pipes if necessary and re-tighten them.
- e. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- f. Reconnect negative battery terminals and start engine. Let the vehicle idle for 3 minutes. Perform a final inspection before driving the vehicle.
- g. Please note that AEM<sup>®</sup> bypass valves will not work with this application (part number 24-6003). The use of a bypass valve could have adverse effects on the performance of the system.

## 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 states may vary.

## 7. 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<sup>®</sup> intake tube. **(NOTE: DO NOT USE aluminum polish on powder coated AEM intake tubes).**