



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

INSTALLATION INSTRUCTIONS

PART NUMBER: 21-5001

1988-1991 HONDA Civic / CRX w/B18C5 & B16A Engine Swap SEE * NOTE

The installation of this AEM® intake system requires some modification to the vehicle's inner fender. A specialized power tool will be needed to modify the vehicle's inner fender so the AEM® intake system can be installed. When using any power tools always use proper eye and hand protection. See steps 3D and 3E to see the details describing the necessary modification.

PARTS LIST

Description	Qty.	Part Number
Element Parts Kit 3.00 X 5" Dry Ele.	1	21-203DK
Upper Pipe	1	2-50011
Lower Pipe	1	2-50012
Hose, Adapter 2.75/3.00 X 3" Blk.	1	5-273
Hose, Hump 3.00/3.00x3.0" Blk.	1	5-530
Hose; 1/2"ID X 12"L	1	5-5012
Mount, Rubber 1" X 6mm	2	1228599
Rubber Edge Trim 12"	1	102466
Neoprene, 1/16" X 4" X 2" Adhes.	2	8-126-2
Washer, 6mm Soft Mount	2	08160
Nut, M6 Hex Serrated	2	444.460.04
Hose Clamp, 1"	2	99024.032
1/2" Bnd. Hose Clamp, 2.56"-3.50"	1	9448
1/2" Bnd. Hose Clamp, 2.90"-3.75"	4	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.

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

2. Removal of stock system

- a. Completely remove the stock air box system.

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. The engine bay for the CRX with a B16A/B18C5 should look similar to this image. The air box system has been removed.



c. Remove the two tabs that secure the lower splash shield. Peel down to gain access to the cavity left by the resonator.



d. The cavity left by the resonator must be enlarged for clearance of the AEM[®] intake pipe. The lower inlet pipe is 3.00" in diameter. You will need to open up the hole to accommodate the pipe diameter. A minimum of at least 3.25" diameter is recommended. The use of a specialized power tool will be needed to cut through the inner fender so the AEM[®] intake pipe is able to clear the inner fender opening. Remove any burrs and line the fender opening with the rubber edge trim.



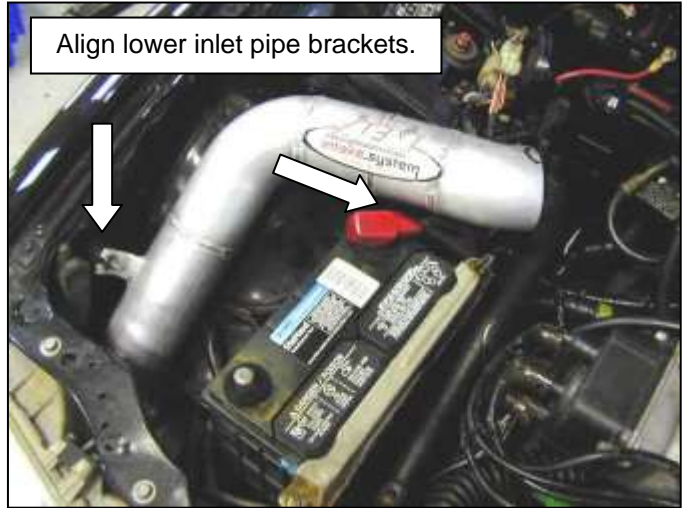
e. Ensure that any rough or sharp edges are smoothed and that the AEM[®] intake pipe is able to clear the opening without touching any part of the inner fender. Test fit the intake pipe to ensure there is adequate clearance.



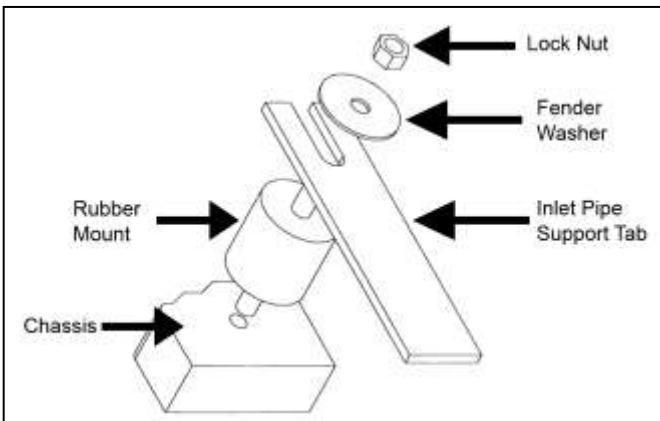
f. Insert the rubber mount and tighten.



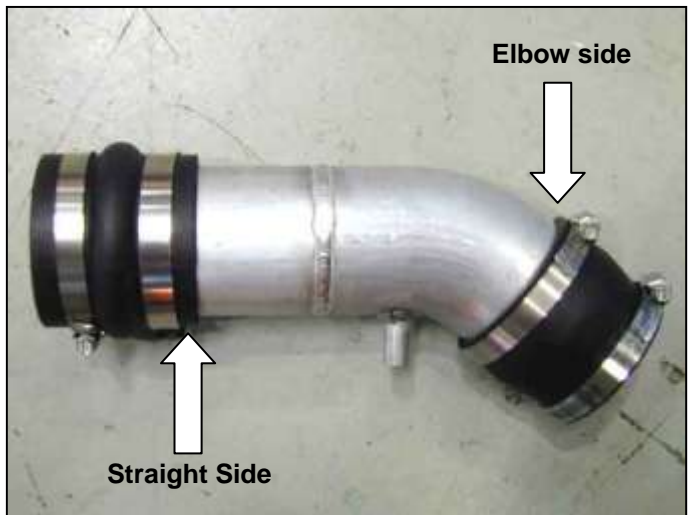
g. Insert the rubber mount and tighten.



h. Insert the lower inlet pipe. Align both brackets with the rubber mounts. If the hole isn't big enough, the brackets will not align with the rubber mounts. Refer to the rubber mount assembly diagram.



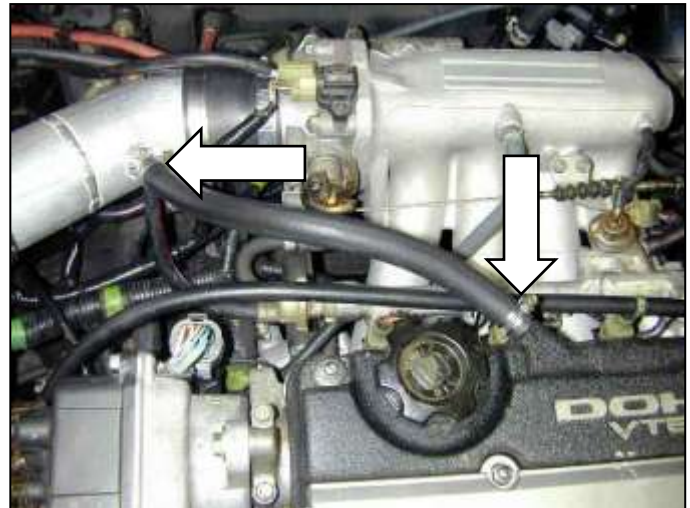
Proper installation of the rubber mount assembly.



i. Assemble the upper intake pipe installation as shown. On the elbow side, attach the reducer coupler and hose clamps. On the straight side, attach the hump hose and hose clamps. Do not completely tighten.



j. Attach the upper inlet pipe as shown. First attach the hump hose to the lower inlet pipe. Then attach the elbow side to the throttle body.



k. Attach the breather hose to the upper inlet pipe and the valve cover. Secure both ends with the provided hose clamps.



l. Make sure the lower inlet pipe clears the newly widened opening. Attach the air filter element and secure.



m. Install the neoprene patch onto the intake pipe so it shields the intake pipe from the positive battery terminal.



AEM® intake system installed

4. Reassemble Vehicle

- a. **Lower Splash Shield:** Install the lower splash shield and any hardware that was removed in steps 3c.
NOTE: Failure to install the fender liner will result in diminished performance and increase the potential for engine damage due to water ingestion in rainy conditions.
- b. Ensure there is sufficient clearance between the intake pipe and the positive battery terminal.
- 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.

5. 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).**