



Equipped with AEM® Dryflow™ Filter
No Oil Required!

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 3e – 3e3 to see the details describing the necessary modification.

INSTALLATION INSTRUCTIONS

PART NUMBER:

21-407B (Blue Finish)
21-407C (Gun Metal Grey Finish)
21-407P (Vacuum Metalized Chrome-VMC)
21-407R (Red Finish)

1990-1993 HONDA Accord L4-2.2L

C.A.R.B. E.O. # D-670-15

**Intake systems for vehicles listed are 50
state legal. See AEMIntakes.com for CARB
status on each part for a specific vehicle.**

PARTS LIST

Description	Qty.	Part Number
Element Parts Kit 2.50 X 5" Dry Ele.	1	21-201DK
Inlet Pipe	1	2-418
Hose, Silicone 2.50x3" Blk.	1	5-250
Mount, Rubber 1" X 6mm	1	1228599
Filter, Vacuum	1	21-300
Hose; 1/2"ID X 1"L	1	5-5001
Vacuum Cap, 1/8"	1	8-105
Washer, 6mm Soft Mount	1	08160
Nut, M6 Hex Serrated	1	444.460.04
Hose Clamp, 1"	2	08407
1/2" Bnd. Hose Clamp, 2.15-3.00"	2	9440
1/2" Bnd. Hose Clamp, 2.31-3.25"	1	9444

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

2. Removal of stock system

a. The following items will be removed from the vehicle.

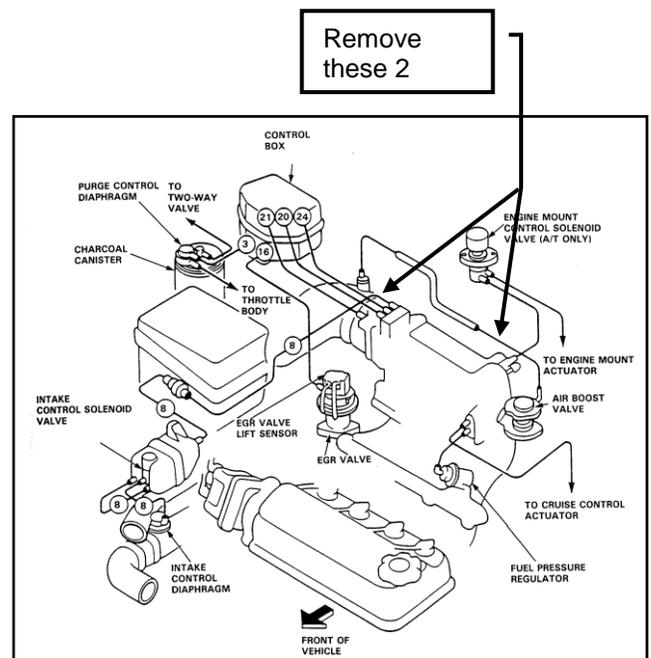
1. The OE inlet tube.
2. The air filter case.
3. Intake air noise resonators

b. Removal of intake air tube.

1. Disconnect the breather hose from the intake tube. The hose consists of a section of metal tubing between the intake tube and the cam cover.
2. Remove the vacuum line between the air inlet tube and the Air Boost Valve (ABV) at the rear of the manifold chamber.
 - i. Install one foam filter cap on the exposed port of the ABV.
3. Remove the vacuum line connecting the top of the throttle body with the Intake Control Solenoid Valve vacuum tank. Cap off the open port on top of the throttle body using the rubber cap enclosed.

c. Removal of air filter case.

1. Remove the two mounting bolts for the air filter case and lift the case out.
 - i. Disconnect the hose (marked with an encircled 8) at the manifold end and install a vacuum plug on the exposed port.
 - a. The purpose of the intake air control system is to minimize intake noise at low speeds.



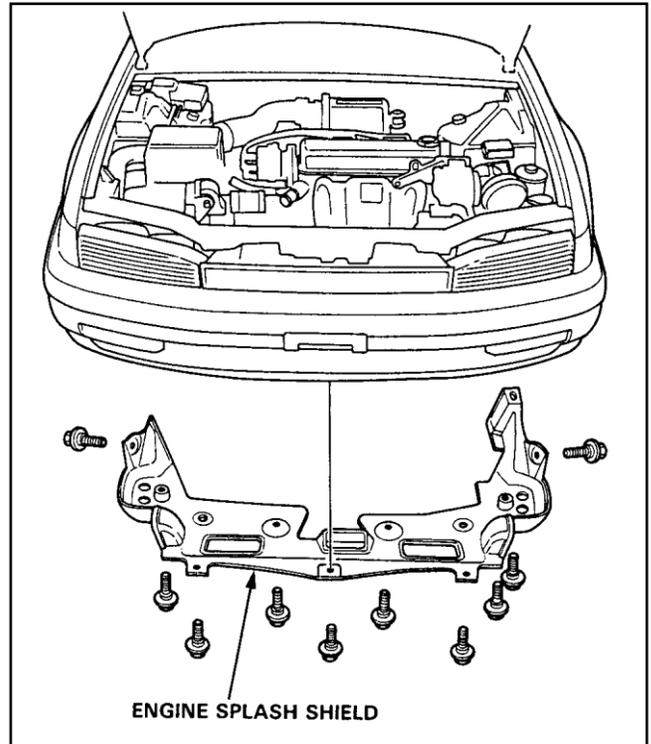
3. Modifying the inner fender well

- a. Remove the battery from its tray.
- b. 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.

- c. From underneath the vehicle, remove the engine splash shield and the front left plastic fender liner.
 1. Remove the lower front splashguard.
 2. Remove the passenger side wheel. Then remove the necessary hardware and inner fender liner.

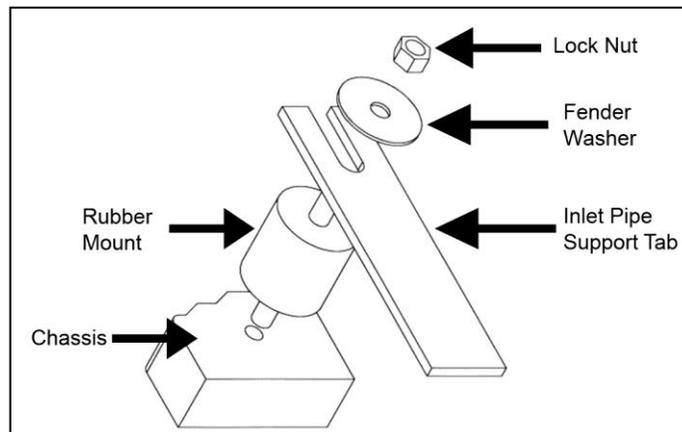
- d. Remove the bolts holding the lower resonator assembly and pull the assembly out from underneath the vehicle.
- e. From the top, the hole in the fender well is approximately 2 1/2" in diameter and is beside the battery tray behind the headlight assembly.
 1. The factory hole that the inlet pipe passes through must be enlarged for clearance of the AEM® intake pipe. 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.
 2. Enlarge the hole (towards the rear of the vehicle) until it is about 3" by 5" long with the long side parallel to the end of the battery tray.
 3. 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.
- f. Make sure to test fit the intake pipe in the enlarged hole to check for necessary clearance.



4. 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 two orange hose sections on the intake pipe.
 1. Install two 2 1/2" hose clamps on either end and tighten them enough to hold them on the tube during installation.
- c. Fit the tube onto the vehicle and note where the mounting tab aligns with the bracket on the vehicle.
 1. The support tab on the inlet pipe will line up with a threaded hole on the inner fender well. Install the rubber isolator mount and attach the air inlet tube onto the rubber mount. Install the large fender washer and the lock nut onto the isolator mount stud and snug it down.

NOTE: Failure to install the rubber mount will void all warranties of the intake system. Below on the next page is a diagram of how the rubber mount should be installed.
 2. Install the nut but do not tighten it at this time.



- d. Tighten the hose clamps at the throttle body end of the air inlet tube enough to allow you to rotate the tube for any adjustments to position before you tighten them completely.
- e. Install the air filter on to the end of the inlet tube. Push the air filter on about 2 inches over the intake pipe and install one hose clamp to secure the filter on to the inlet pipe. Once fitment is checked, you can either push the air filter onto the inlet pipe more or less depending on clearances. Tighten the hose clamp after this is done.
- f. Check the position of the intake assembly for adequate clearance along its path. Once you are satisfied with the installation, tighten all the hose clamps.
 1. 2 hose clamps at the throttle body.
- g. Install the ½" x 3" hose on the open tube near the top of the intake air tube and secure the tube with a hose clamp.
- h. Insert the breather tube from the engine cam cover into the hose just installed and secure the tube with a hose clamp.
 1. Make sure that the hose clamp is set after the rib on the breather tube.

5. Reassemble Vehicle

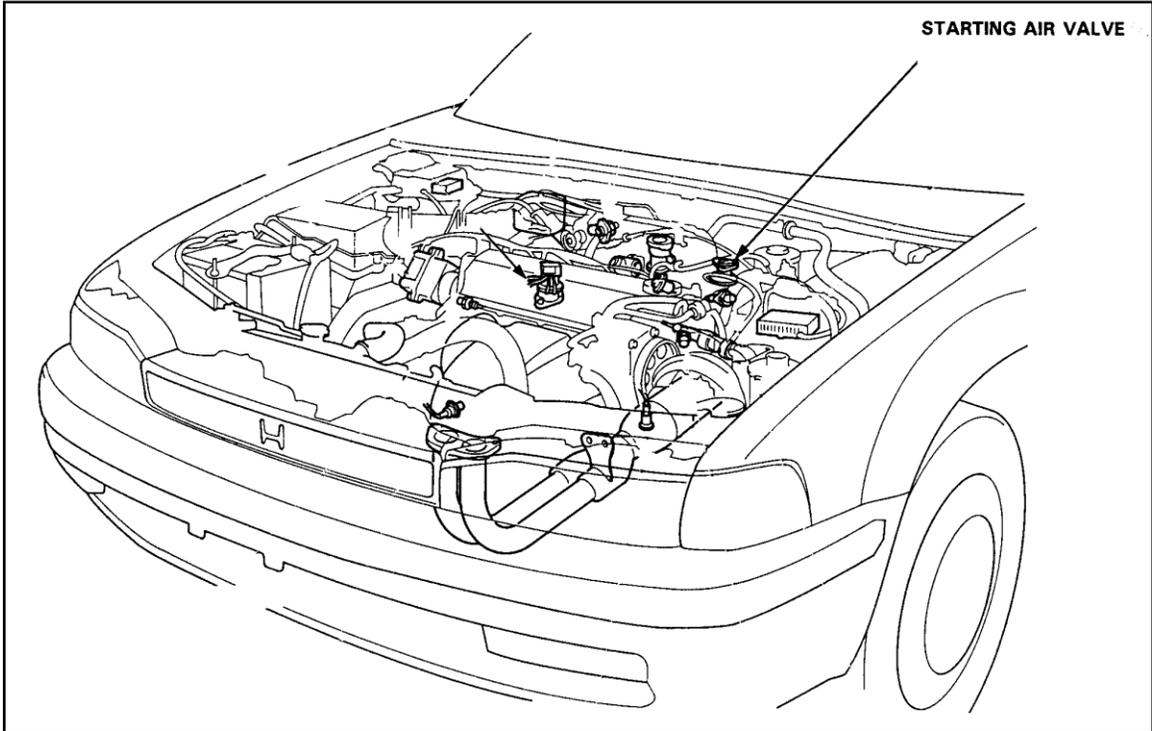
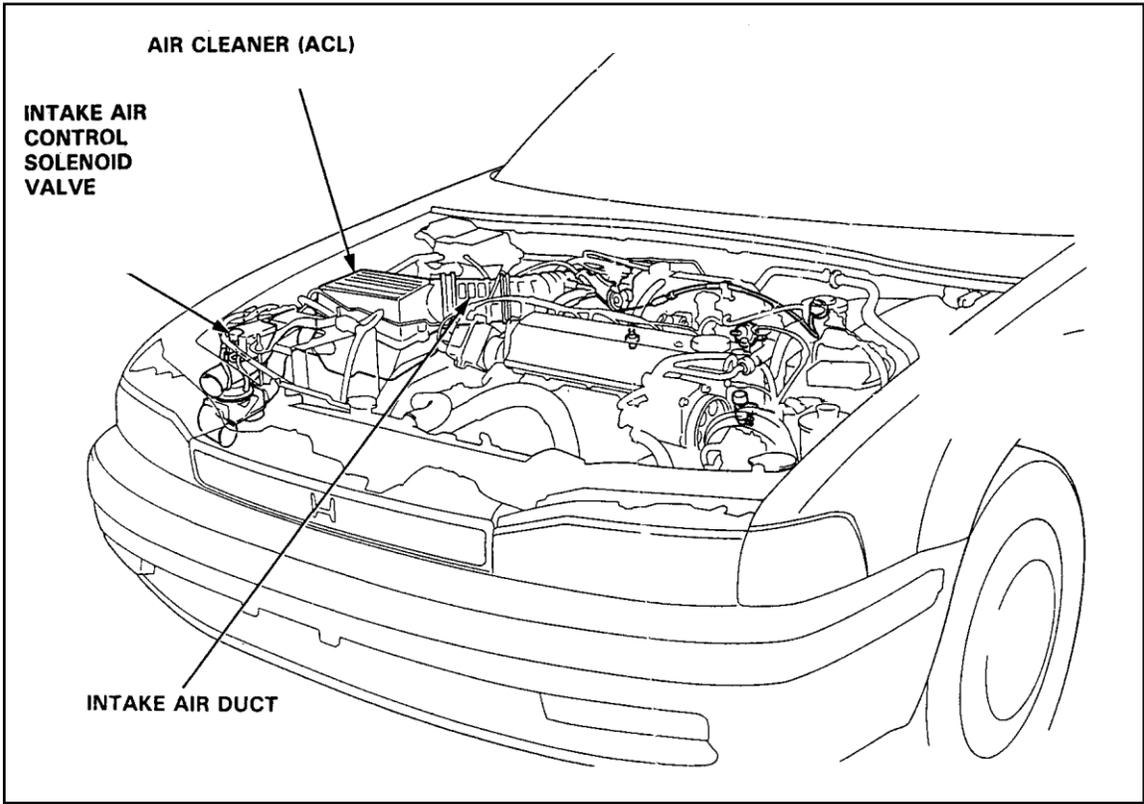
- a. **Fender liner and Lower Front Splashguard:** Install the fender liner, lower splashguard and any hardware that was removed in steps 3c i. and 3c ii.
NOTE: Failure to install the fender liner and splashguard will result in diminished performance and increase the potential for engine damage due to water ingestion in rainy conditions.
Wheel: Install the passenger side wheel using the factory torque specification (see owner's manual).
- 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.

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® 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
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.

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