



Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS

PART NUMBER: 21-408

1994-1997	HONDA	Accord	L4-2.2L	C.A.R.B. E.O. # D-670
1994-1995	HONDA	Accord EX	L4-2.2L	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

Part Number	Qty.	Part Number
Element Parts Kit 2.50 X 5" Dry Ele.	1	21-201DK
Intake Pipe	1	2-416
Hose; 5/16ID X 12"L	1	5-2012
Hose, Silicone 2.50x3" Blk.	1	5-250
Hose; 3/8"ID X 16"L	1	5-1016
Mount, Rubber 1" X 6mm	1	1228599
Filter, Vacuum	1	21-300
Vacuum Cap, 1/8"	1	8-105
Washer, 6mm Soft Mount	1	559999
Nut, M6 Hex Serrated	1	444.460.04
Hose Clamp, 3/4"	4	4093-5
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. Two intake air noise resonators
 - i. Underneath the air inlet pipe.
 - ii. Underneath the air filter case (inside fender well).

b. Removal of inlet air tube.

1. Disconnect the breather tube from the OE air inlet tube. The tube is inserted into a rubber boss on the inlet tube.
2. **NOTE: The engine should be cool before performing this step so that HOT coolant is not released out of the engine. Be sure to capture any lost coolant in a clean container.**

Disconnect the water bypass hose from throttle body or the fast idle thermo valve, where equipped, located at the lower portion of the throttle body. Disconnect the opposite side of the water bypass hose, which runs to either the intake manifold or the water outlet neck. Remove the entire water bypass hose and breather hose assembly from the vehicle.

- c. Disconnect the vacuum hose from the air inlet tube on 94-95 VTEC equipped vehicles.
 1. Loosen the hose clamp at the throttle body end of the inlet Tube.

2. Remove two bolts holding the air filter case. (Fig. A)
3. Lift the intake duct B from the front of the air filter case.

d. Removal of air filter case. (Fig. A)

1. Remove the snorkel at the front of the air filter case. This can be accomplished by pulling the snorkel straight up.

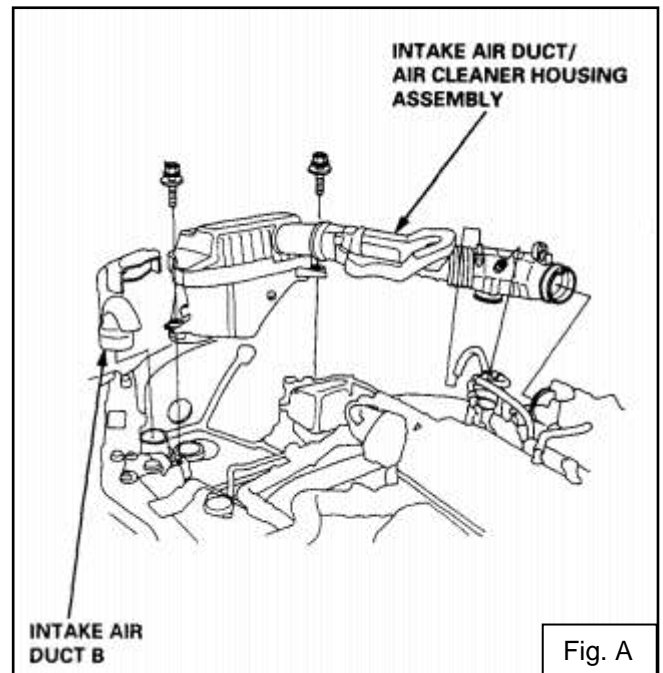


Fig. A

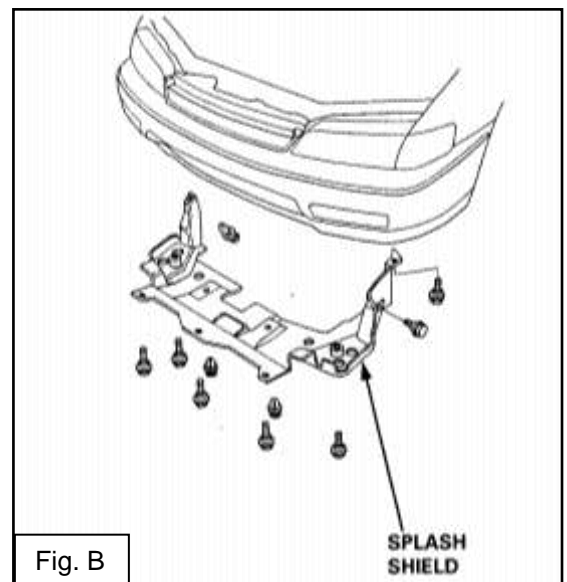


Fig. B

2. Undo the four bolts holding the upper half of the air filter case and remove the upper half along with the air filter.
3. Remove the two bolts holding the lower case and lift it straight up.
 - i. The two halves (upper and lower) can be re-assembled for storage.
- e. Removal of the lower resonator.

1. 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.

- i. Remove the lower front splashguard. (Fig. B)
 - ii. Remove the front right wheel. Remove the inner fender well cover from underneath. This is held in place with plastic screw rivets. Take care not to damage the plastic rivets as they will be re-used. (Fig. C)
2. Remove two bolts holding the lower resonator from the vehicle and lower the resonator away from the vehicle.

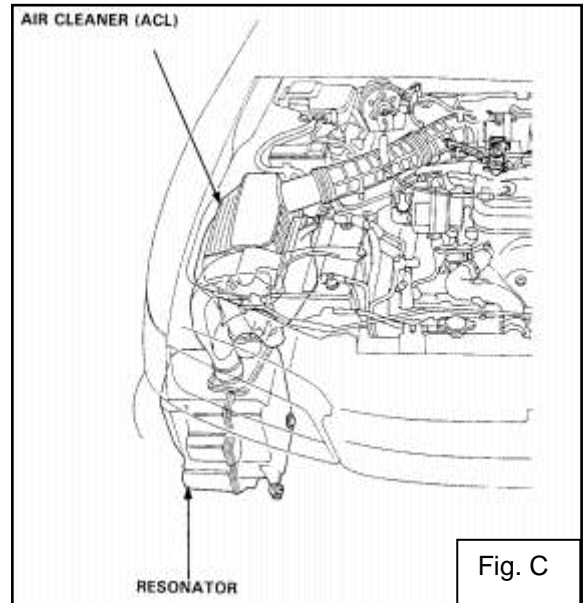


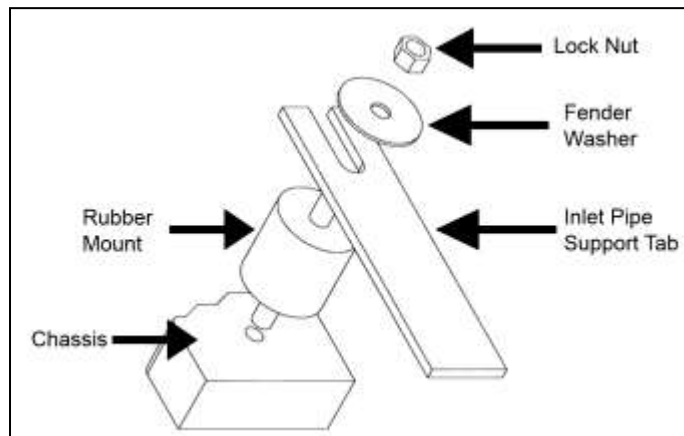
Fig. C

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.

1. The intake pipe has a support tab welded along the side of the intake tube midway between the two ends. This tab aligns with an existing bracket in the engine compartment. Doing an initial fit check, the intake pipe tab will indicate which bracket is used.
 - i. Ensure there is adequate clearance for the intake pipe, making necessary adjustments so the intake pipe clears any part of the body and electrical components.
 - ii. The support tab on the intake pipe will line up with a threaded hole on the inner fender well. Install the rubber isolator mount and attach the intake 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 is diagram of how the rubber mount should be installed.



- b. Install the black connecting hose and two hose clamps on either end of the intake pipe. Secure the clamps sufficiently to prevent them from falling off during the installation.
- c. Install the intake pipe connecting the intake pipe to the throttle body. Push the intake pipe towards the

throttle body so that the support tab aligns with the rubber isolator.

1. Tighten both hose clamps at the throttle body end of the intake pipe and secure the nyloc nut and washer to support the center section of the intake pipe.
- d. Using the hose supplied in the kit, connect the PCV breather tube to the intake pipe and secure the hose with the hose clamps provided.
- e. Install the AEM[®] air filter onto the end of the intake pipe. Push the air filter on around 2 inches over the intake pipe and install one hose clamp to secure the air filter onto the intake pipe. Once fitment is checked, you can either push the air filter onto the intake pipe more or less depending on clearances. Tighten the hose clamp after this is done.
- f. Connect the new supplied water bypass hose and clamps to the throttle body or the fast idle thermo valve, where equipped, and either the intake manifold or the water outlet neck disconnected earlier.

NOTE: Replace any coolant recovered during the hose removal by replenishing the recovery tank.

- g. Installation of foam filter and vacuum plug.
1. The removal of the OE air inlet system eliminates the need for the Intake Air Resonator (IAR) control system. The purpose of this system is to control noise generated by the inlet air as it traverses the air inlet tube. The vacuum hose connected to the rear of the inlet manifold connecting the IAR system should be disconnected and replaced with the vacuum cap included with the kit.
 2. **If your vehicle does not have the VTEC engine then this procedure is not necessary.**

Also affected by the removal of the OE air inlet tube is the Fuel Injection Air (FIA) control system on 94-95 VTEC equipped vehicles.

The vacuum hose, which is removed in step 2(b2.), is attached to a tube cluster along the top of the inlet manifold. Remove the vacuum hose from the tube cluster and replace it with the foam filter cap. This will allow the FIA system to function properly by providing it with filtered air.

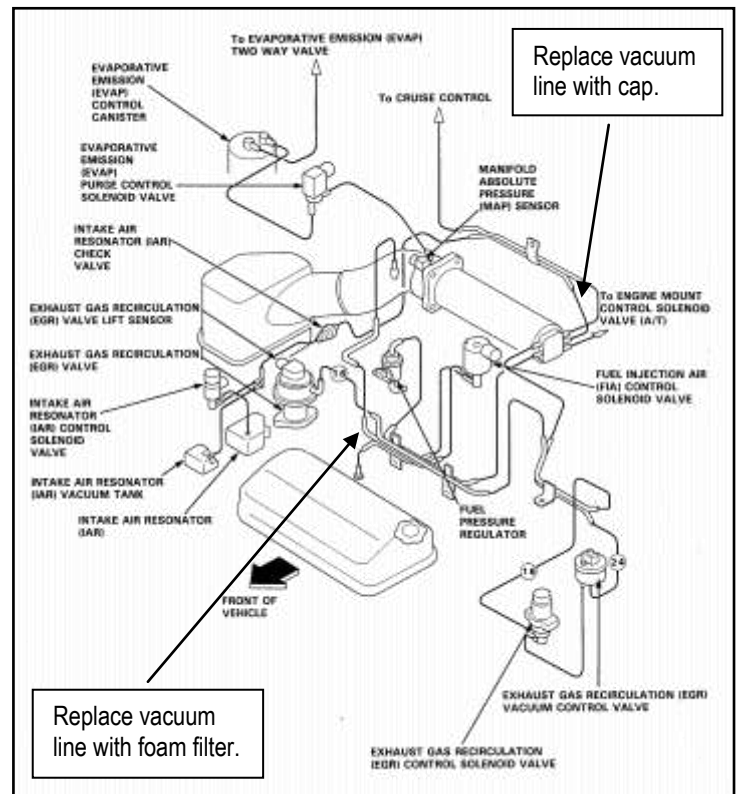
- h. Some models are equipped with a Fuel Injection Air (FIA) Control system. If your model is equipped with one, a vacuum line will run from the FIA Control valve to the air intake pipe. During installation of the AEM[®] intake system, this vacuum line should be removed. Install a vacuum foam filter onto the exposed nipple of the FIA Control valve.

4. Reassemble Vehicle

- a. **Fender liner and Lower Front Splashguard:** Install the fender liner, lower splashguard and any hardware that was removed in steps 2e(1i). and 2e(1ii).

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. **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.

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 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.