



Equipped with AEM® Dryflow™ Filter  
No Oil Required!

# INSTALLATION INSTRUCTIONS

## PART NUMBER: 21-405

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1992-1996 HONDA Prelude L4-2.2L, 2.3L

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

Description	Qty.	Part Number
Element Parts Kit 2.75 X 5" Dry Ele.	1	21-202DK
Inlet Pipe	1	2-439
Hose, Silicone 2.75x3" Blk.	1	5-275
Mount, Rubber 1" X 6mm	1	1228599
Grommet, 1/8"	1	784631
Hose; 3/8"ID X 2"L	1	5-1002
Connector, Plastic 1/8" Straight	1	8-103
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"	2	4093-5
1/2" Bnd. Hose Clamp, 2.31-3.25"	2	9444
1/2" Bnd. Hose Clamp, 2.56"-3.50"	1	9448

**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.

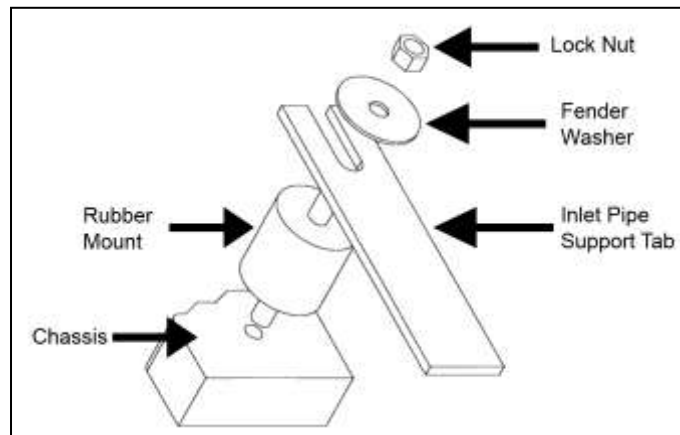
## **2. Removal of stock system**

- a. The following items will be removed from the vehicle.
  - i. The OE inlet tube.
  - ii. The air filter case.
  - iii. Intake air noise resonators underneath the air filter case (inside fender well).
- b. Removal of intake air tube.
  - i. Disconnect the breather tube from the intake air tube.
  - ii. Remove the small lines from the air inlet tube. This line provides filtered air to the *intake air bypass valve* (IAB).
  - iii. Loosen the hose clamp holding the air tube to the throttle body.
  - iv. Remove the inlet hose from the throttle body and carefully lift it up.
  - v. Separate the inlet tube from the air filter case and lift the inlet tube out and away from the area of work.
- c. Removal of air filter case.
  - i. Undo the bolts holding the air filter case and lift it away from the vehicle. It may be easier to separate the top half from the bottom half and then remove the bottom half from the vehicle. You can then assemble the air filter case and set it aside for storage.
- d. Removal of the lower resonator
  - i. 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.**
  - ii. Remove the lower front splashguard underneath the front of the vehicle.
  - iii. Remove the front right tire. Then remove the necessary hardware and inner fender liner.
- e. Remove the bolts holding the lower resonator from the vehicle and lower the resonator away from the vehicle.
- f. On VTEC models there is an intake noise valve in the resonator. To remove this valve you need to disconnect the vacuum line that runs between the valve and the intake manifold. Install a vacuum cap on the exposed port on the intake manifold upon removal of the vacuum line.

### 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. Install one black 2.75" connector hose and two hose clamps on the throttle body end of the primary pipe. That is the end that is closest to the breather nipple.
- c. Connect the pipe to the throttle body but just snug the hose clamps down.
  - i. This will allow you to adjust the inlet pipe for proper position before you tighten it down.
- d. Install the 2 3/4" connector hose and two hose clamps on the end of the pipe.
  - ii. 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 is a diagram of how the rubber mount should be installed.**



- e. Make sure that the pipe does not interfere with any accessories or electrical components in the engine compartment. Tighten all the hose clamps.
- f. Connect the breather hose to the inlet tube using the black connector hose and two clamps supplied with the kit.
- g. Install the AEM air filter onto the end of the inlet tube. Push the air filter on around 2 inches over the inlet pipe and install one hose clamp to secure the air filter onto 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.
- h. Installation of the vacuum lines.
  - i. Install the small rubber grommet into the small hole in the inlet pipe.
  - ii. Insert the straight section of plastic tubing into the O.E. vacuum line.
  - iii. Push the plastic tubing into the hole in the grommet. Make sure that it makes a good seal.
  - iv. On VTEC models, if you haven't done so already, follow the vacuum line from the intake air valve to the intake manifold. Remove this line from the intake manifold and install a vacuum cap over the exposed port.

### 4. Reassemble Vehicle

- a. **Fender liner and Lower Front Splashguard:** Install the fender liner, lower splashguard and any hardware that was removed in steps 2d ii. and 2d iii.

**NOTE: Failure to install the plastic splashguard will result in diminished performance and increase the potential for engine damage due to water ingestion in rainy conditions.**

- b. **Wheel:** Install the front right 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.

<p>For technical inquiries e-mail us at sales@aemintakes.com or call us at 800.992.3000</p>
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**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.