



Equipped with AEM[®] Dryflow[™] Filter
No Oil Required!

INSTALLATION INSTRUCTIONS

PART NUMBER: 21-5007

1996-2000 HONDA Civic L4-1.6L w/B16A Engine Swap SEE * NOTE

* NOTE: Legal in California only for racing vehicles which may never be used upon a highway

PART NUMBER

Description	Qty.	Part Number
Element Parts Kit 3.00 X 5" Dry Ele.	1	21-203DK
Inlet Pipe	1	2-50071
Bracket; Trans.	1	32-3023
Hose; 5/16ID X 13"L	1	5-2013
Hose, Adapter 2.75/3.00 X 3" Bl.	1	5-273-R
Hose; 1/2"ID X 14"L	1	5-5014
Mount, Rubber 1" X 6mm	1	1228599
Grommet; 7/8"OD, 3/8"ID, 11/32"Thk., 1/16" Gap	1	784633
Spacer, 1.00 OD X .315 ID X .2 - Anodize Black	1	2-665
Bolt, Hex/Flange M12-1.25 X 25	3	1-2076
Washer, 7/16 SAE Flat	4	1-3032
Washer, 6mm Soft Mount	1	08160
Nut, M12-1.25 X 25 Nylock	1	1-2077
Nut, M6 Hex Serrated	1	444.460.04
Hose Clamp, 3/4"	4	4093-5
1/2" Bnd. Hose Clamp, 2.31-3.25"	1	9444
1/2" Bnd. Hose Clamp, 2.56"-3.50"	1	9448
1/2" Bnd. Hose Clamp, 2.90"-3.75"	1	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.

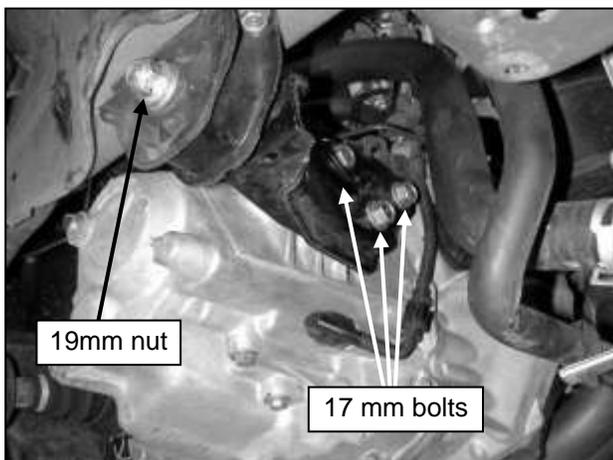
1. Preparing Vehicle

- 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.
- i. Remove the front passenger wheel.
- ii. Remove the passenger side fender liner.
- f. Do not discard stock components after removal of the factory system.

2. Removal of stock system

- a. Completely remove the stock airbox system.

3. Engine Mount Removal and Installation



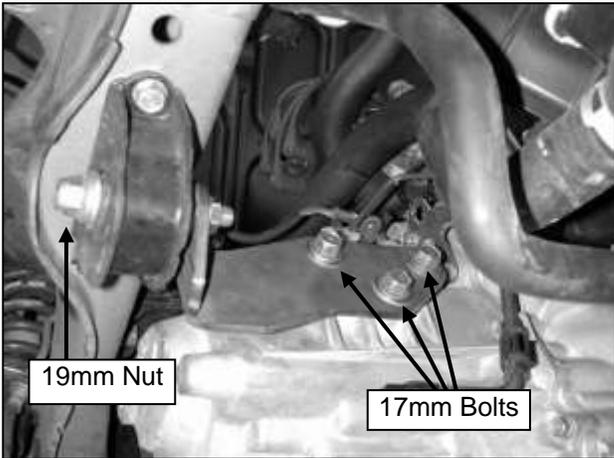
a. Using a 19mm socket, remove the engine mount nut. Also remove the three 17mm bolts and remove the mount.



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



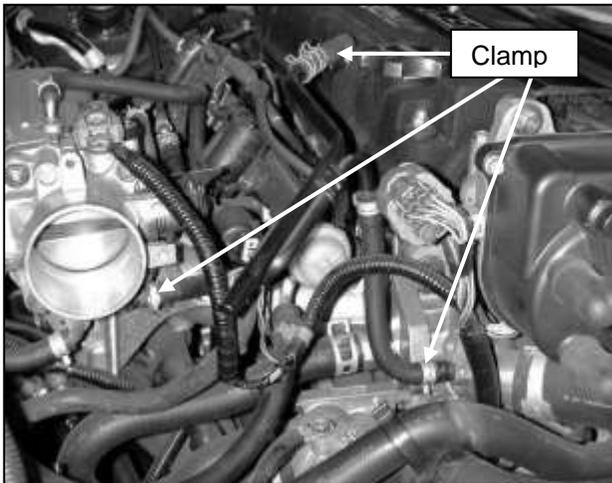
c. Install the factory mounting stud removed in step #3b through the supplied engine mount bracket. Secure in place with the provided nylock nut and washer.



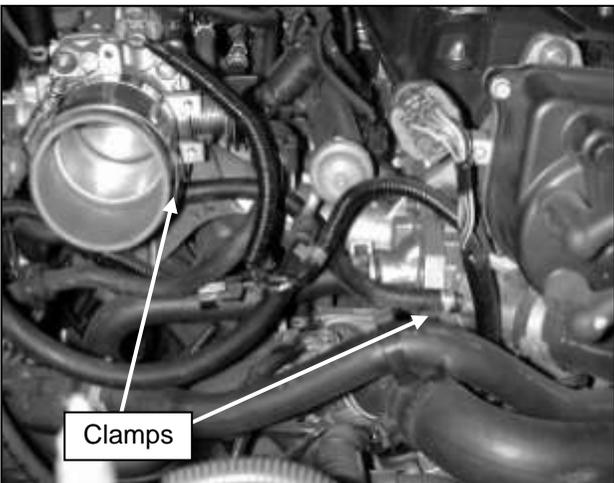
d. Using the supplied bolts and washers, install the AEM® engine mount on the transmission, torque the bolts to 61ft-lb. Then replace the factory washers and nut on the mounting stud.

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. On 1999-2000 B16 motors: A ½" hole must be drilled in the inlet pipe. Install the supplied grommet into this hole; the IAT sensor will be installed into this grommet once the inlet pipe is installed.



c. **CAUTION: Ensure the engine is completely cool before removing the coolant hose, or hot coolant will escape from the cooling system and cause injury or damage. Be sure to capture any lost coolant in a clean container.** Remove the clamps securing the cam cover breather tube and coolant circulation tube, and remove it.



d. Attach the supplied 5/16" hose onto the coolant outlets using 2 of the supplied ¾" clamps to secure the hose in place. **NOTE: Replace any coolant recovered during hose removal by replenishing the recovery tank.**



e. Install the reducing coupler onto the throttle body and secure using the #44 hose clamp.



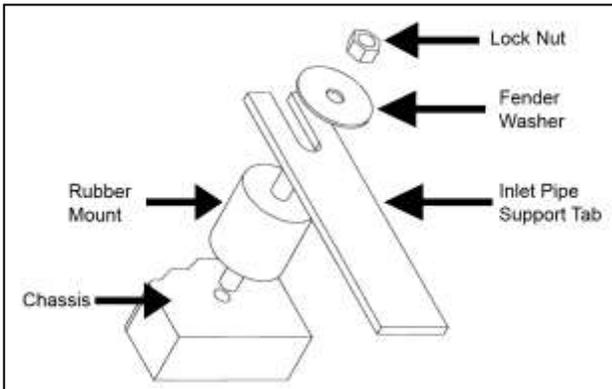
f. Install the supplied 1/4" spacer and rubber mount over the threaded hole located near the A/C line behind the passenger headlight. The 1/4" spacer should sit between the rubber mount and the body of the vehicle.



g. Install the AEM® inlet pipe into the vehicle and secure to the throttle body using a #48 hose clamp. Attach the supplied breather hose to the intake pipe's nipple; connect the opposite end to the valve cover's inlet. Secure each end of the breather hose in place with the two supplied hose clamps.



h. The intake pipe's mounting bracket will line up with the rubber mount installed earlier. Use the supplied serrated nut and washer to secure in place. See the diagram below for proper installation of the rubber mount.



i. Proper installation of the rubber mount assembly.



j. Install the AEM® air filter onto the inlet pipe. Once proper fitment is achieved, secure the air filter in place with the supplied hose clamp.



AEM® intake system installed

5. Reassemble Vehicle

- a. Ensure there is sufficient clearance between the fuel line from the fuel filter and the fuel rail.
- b. **Fender liner:** Install the fender liner and any hardware that was removed in steps 1eii.
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.
- c. **Wheel:** Install the front passenger wheel using the factory torque specification (see owner's manual).
- d. 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.
- e. Check for proper hood clearance. Re-adjust pipes if necessary and re-tighten them.
- f. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- g. Reconnect negative battery terminals and start engine. Let the vehicle idle for 3 minutes. Perform a final inspection before driving the vehicle.

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.