



Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS

PART NUMBER:

21-520B (Blue Finish)

21-520C (Gun Metal Grey Finish)

21-520P (Vacuum Metalized Chrome-VMC)

21-520R (Red Finish)

1997-2001 HYUNDAI Tiburon L4-2.0L

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 3.00 X 5" Dry Ele. | 1 | 21-203DK |
| Inlet Pipe | 1 | 2-513 |
| Hose, Adapter 2.75/3.00 X 3" Bl. | 1 | 5-273 |
| Mount, Rubber 1" X 6mm | 1 | 1228599 |
| Washer, 6mm Soft Mount | 1 | 08160 |
| Nut, M6 Hex Serrated | 1 | 444.460.04 |
| 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 |

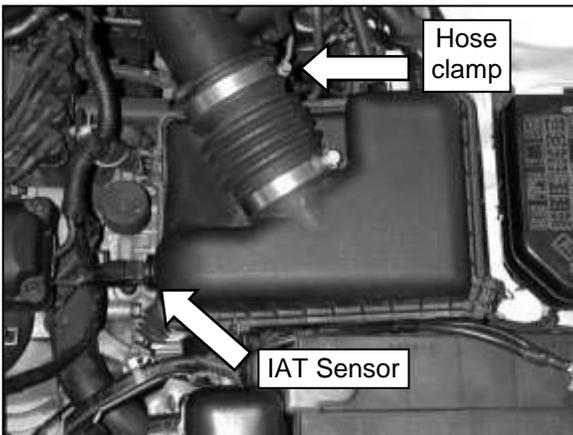
Read and understand these instructions **BEFORE** attempting to install this product. Failure to follow installation instructions and not using the provided hardware may damage the intake tube, throttle body and engine.

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.

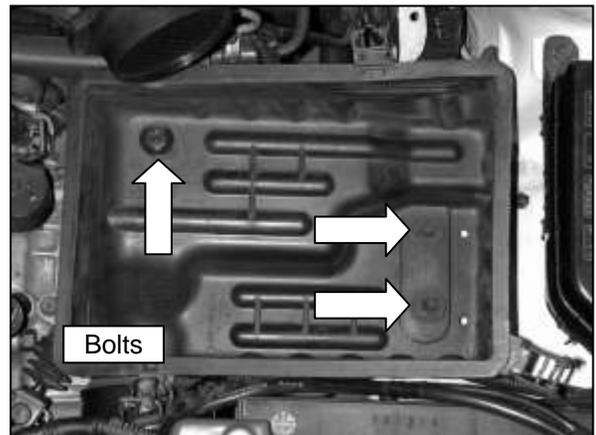
1. Preparing Vehicle

- 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 right front wheel.
- f. Do not discard stock components after removal of the factory system.

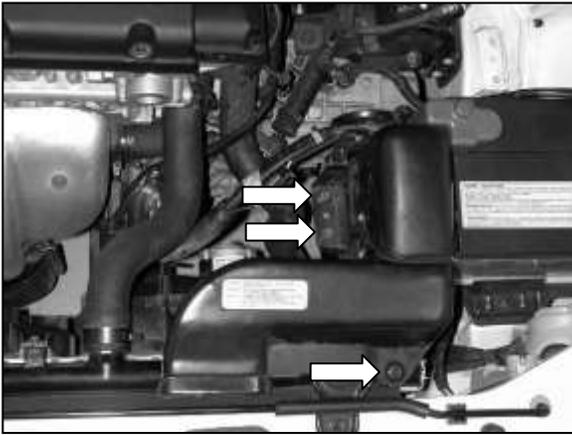
2. Removal of stock system



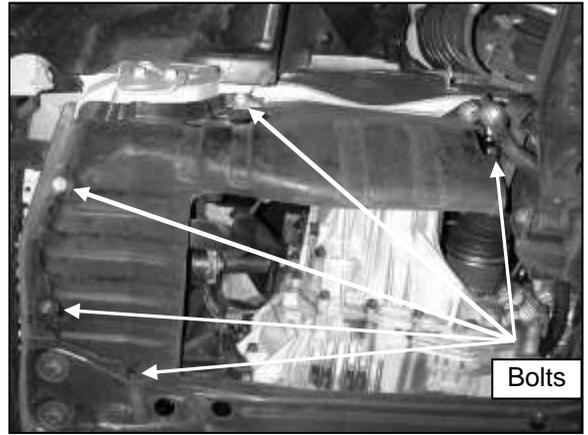
a. Unplug the Air Temp Sensor (ATS), loosen the hose clamp, unclip the air filter lid, and remove it. Remove the rubber ATS grommet and set it aside, as it will be used in the installation of the AEM[®] intake system.



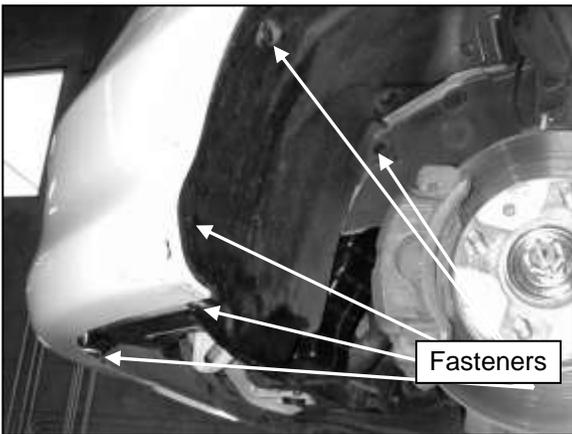
b. Loosen the three bolts holding the air cleaner base to the inner fender, and remove it.



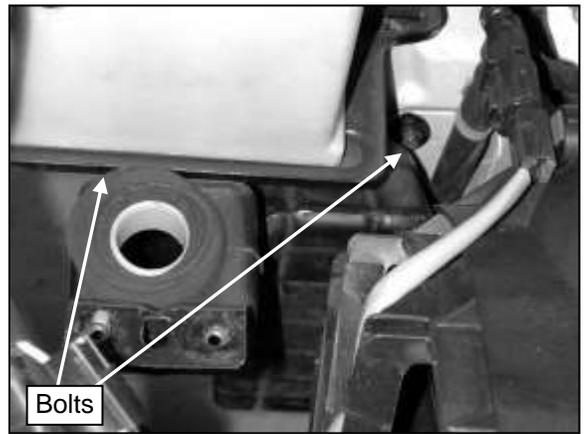
c. Loosen the three bolts holding the cool air duct to the body; then remove it.



d. Loosen the 5 bolts securing the inner splash panel to the frame rail, and remove it.



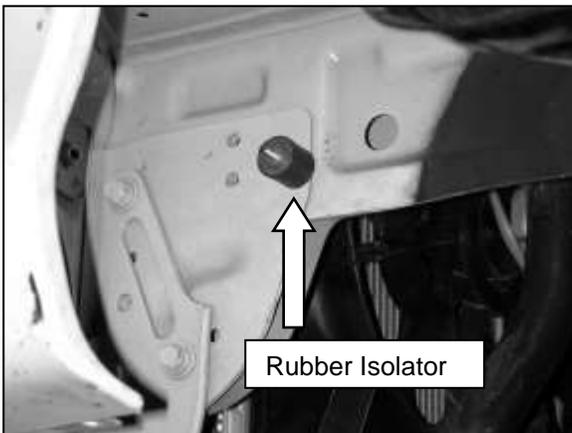
e. Remove the fasteners holding the front inner fender liner, and flex it back for access.



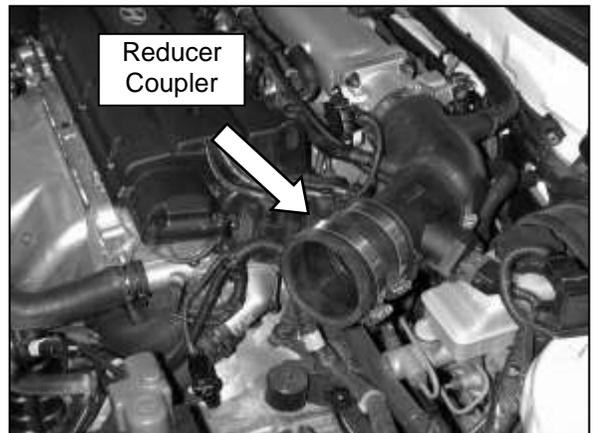
f. Loosen the two bolts holding the resonator box, and remove it.

3. Installation of AEM® intake system.

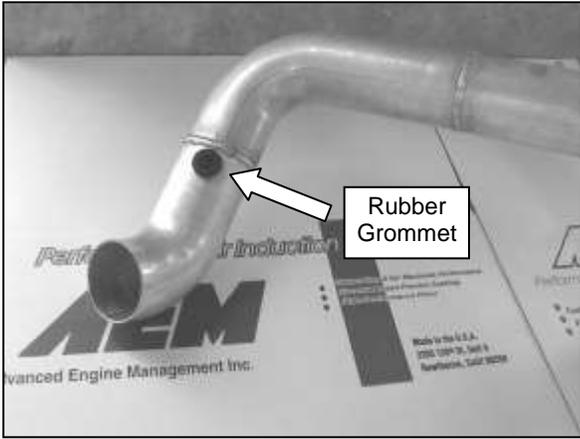
a. When installing the intake system, do not completely tighten the hose clamps or mounting hardware until instructed to do so.



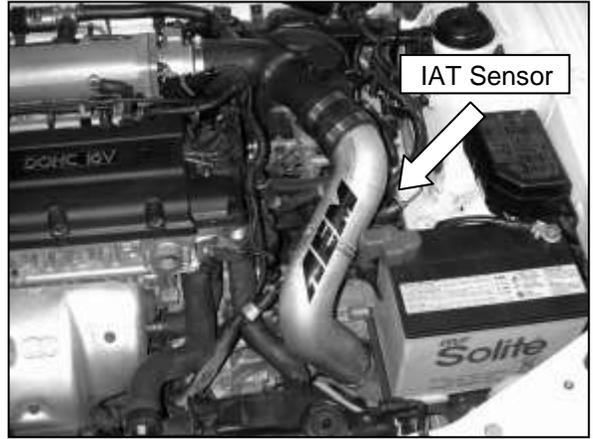
b. Install the included rubber isolator in the factory threaded hole in the frame rail, as shown.



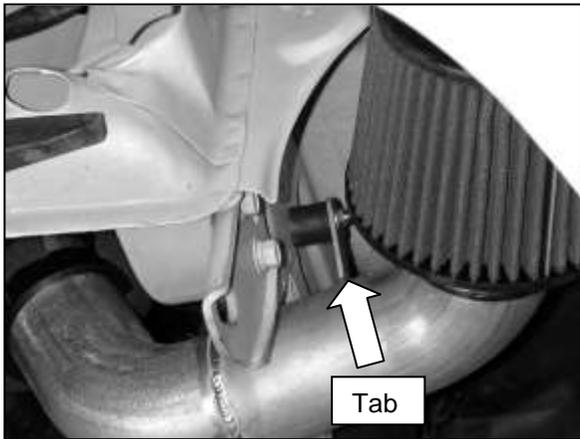
c. Install the included reducer coupler onto the MAF sensor, and secure it with the supplied No. 44 hose clamp.



d. Install the factory rubber grommet removed from the air cleaner lid into the hole in the intake pipe.



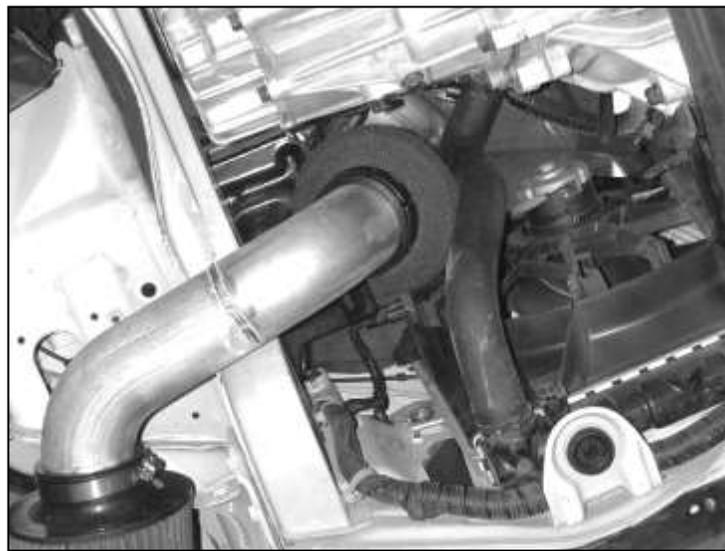
e. Install the intake pipe into the reducer coupler, and insert the IAT Sensor into the rubber grommet, as shown. Loosen the battery hold down and move battery as close to the fender well as possible; then tighten the hold down clamps.



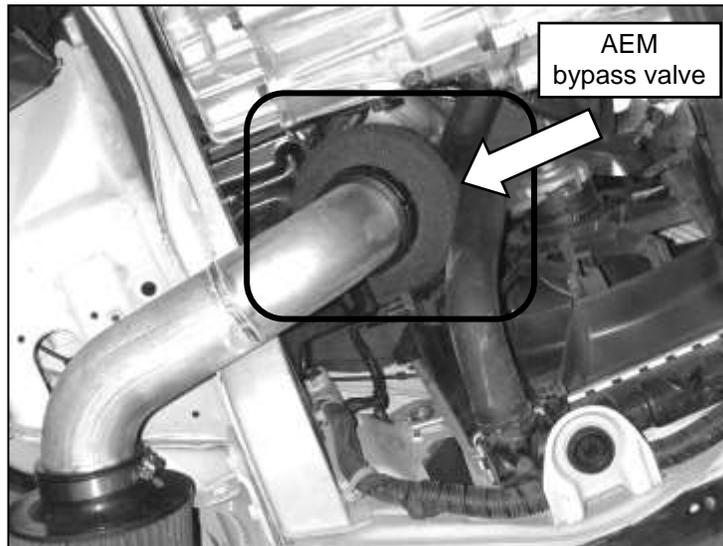
f. Using the included nut and washer, secure the tab of the intake pipe onto the rubber mount, as shown.



g. Install the air filter onto the intake pipe, and secure it with the supplied clamp.



AEM® intake system installed



If an AEM[®] bypass valve (sold separately) is installed onto the AEM[®] intake system, install it in the location specified.

4. Reassemble Vehicle

- a. **Fender liner and splash panel:** Install the inner fender liner, splash panel and any hardware that was removed in steps 2d and 2e. Some trimming of the fender liner will be necessary to ensure proper clearance for the intake pipe.

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 right front 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.

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