



Equipped with AEM® Dryflow™ Filter  
No Oil Required!

## INSTALLATION INSTRUCTIONS

### PART NUMBER: 21-630

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1991-1992	SATURN	SC	L4-1.9L	Manual Trans.	C.A.R.B. E.O. # D-670-6
1993-1994	SATURN	SW2	L4-1.9L	Manual Trans.	C.A.R.B. E.O. # D-670-6
1991-1999	SATURN	SL2	L4-1.9L	Manual Trans.	C.A.R.B. E.O. # D-670-6
1993-1999	SATURN	SW2	L4-1.9L	Manual Trans.	C.A.R.B. E.O. # D-670-6
1995-1999	SATURN	SC1	L4-1.9L	Manual Trans.	C.A.R.B. E.O. # D-670-6
1995-1999	SATURN	SL	L4-1.9L	Manual Trans.	C.A.R.B. E.O. # D-670-6
1995-1999	SATURN	SL1	L4-1.9L	Manual Trans.	C.A.R.B. E.O. # D-670-6
1995-1999	SATURN	SW1	L4-1.9L	Manual Trans.	C.A.R.B. E.O. # D-670-6

\* **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 2.50 X 5" Dry Ele.	1	21-201DK
Upper Pipe	1	2-525
Lower Pipe	1	2-526
Hose, Silicone 2.50x2" Black	1	5-252
Hose, Adapter 2.25/2.5" X3"	1	5-255
Hose; 3/8"ID X 18"L	1	5-1018
Mount, Rubber 1" X 6mm	1	1228599
Grommet, 3/8"	1	784633
Washer, 6mm Soft Mount	1	08160
Nut, M6 Hex Serrated	1	444.460.04
1/2' Bnd. Hose Clamp, 2.15-3.00"	4	9440
Hose Clamp, 3/4"	2	4093-5
1/2" Bnd. Hose Clamp, 2.31-3.25"	1	9444

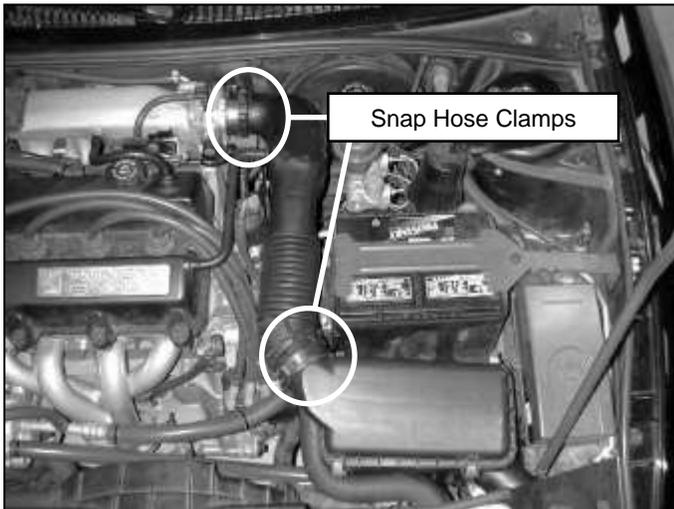
Read and understand these instructions **BEFORE** attempting to install this product. Failure to follow installation instructions and not using the provided hardware may damage the intake tube, throttle body and engine.

The AEM<sup>®</sup> 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.

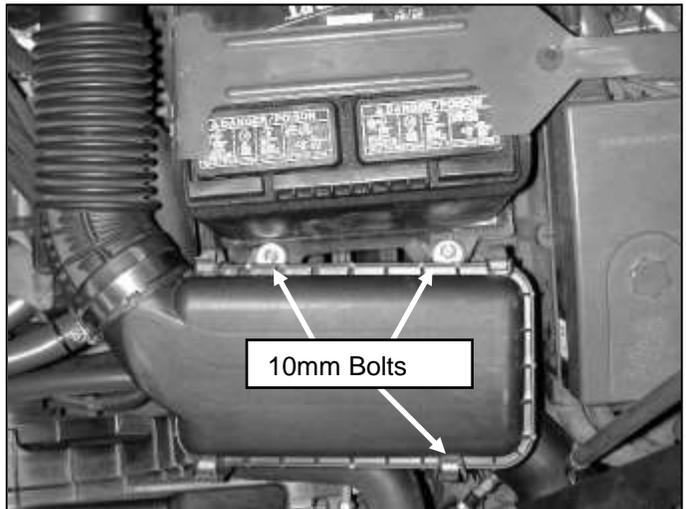
### 1. Preparing Vehicle

- 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.

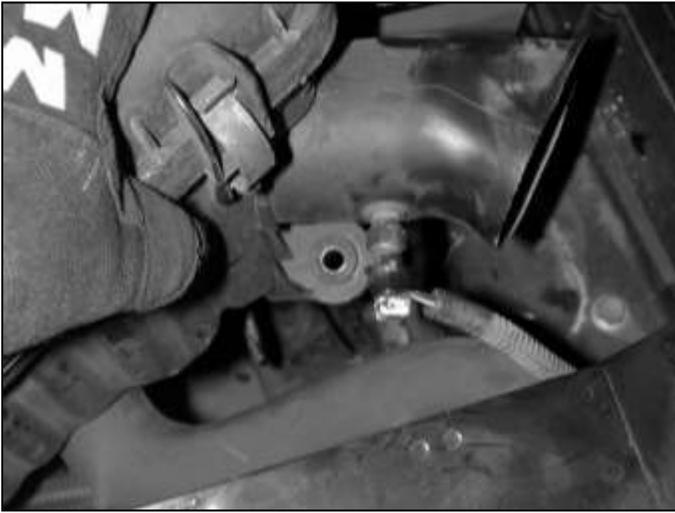
### 2. Removal of stock system



a. Snap open the clips on the throttle body and the air box; they should lock open.



b. Remove the 3 bolts securing the air box to the vehicle. Remove the hose from the air box assembly.



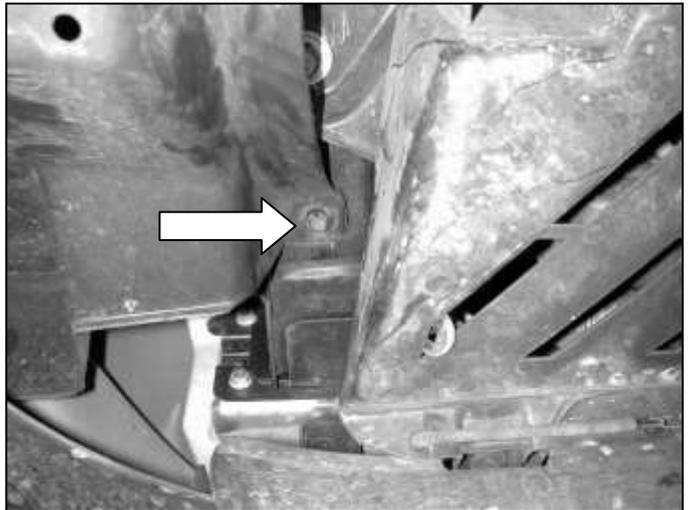
c. Unplug the IAT sensor connector from the IAT sensor. Remove the airbox from vehicle.



d. Remove the IAT sensor from the air box.



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.**  
Remove driver side wheel. Remove the clips securing the fender liner.



f. Remove the hidden clip and pull back the fender lining.

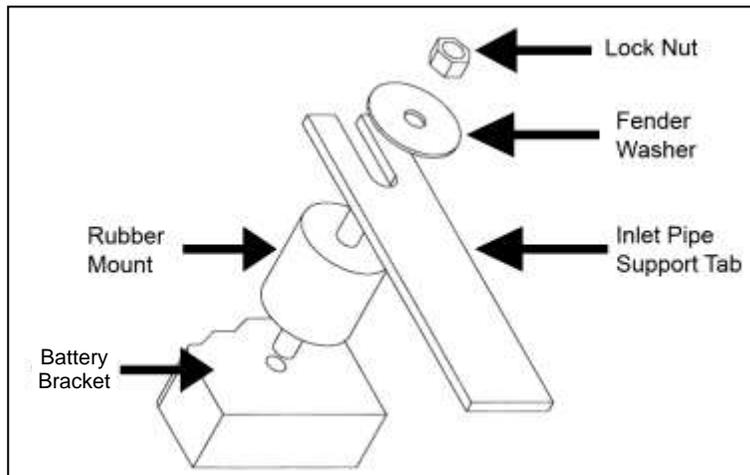
### 3. Installation of AEM® Intake System

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

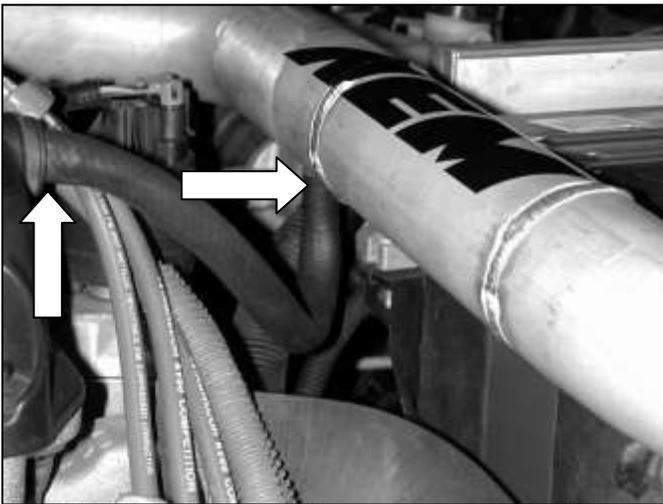


b. Insert the upper inlet pipe with the provided stepped coupler and hose clamps.

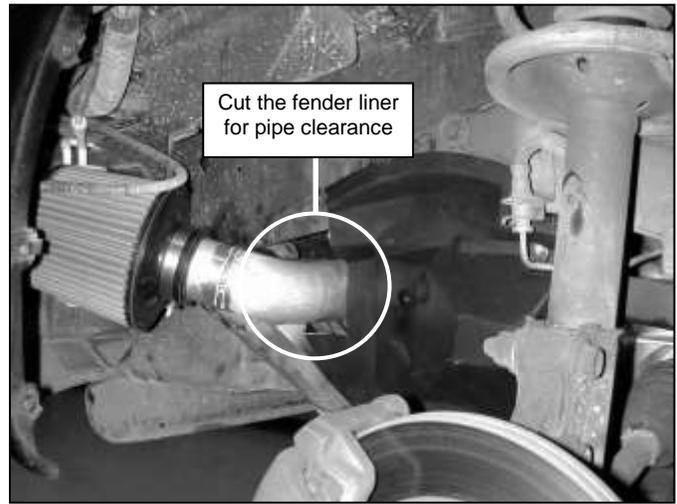
c. Attach the rubber mount to the battery bracket. Attach the lower intake pipe using the provided coupler and hose clamps. Refer to the following diagram for proper installation of the rubber mount.



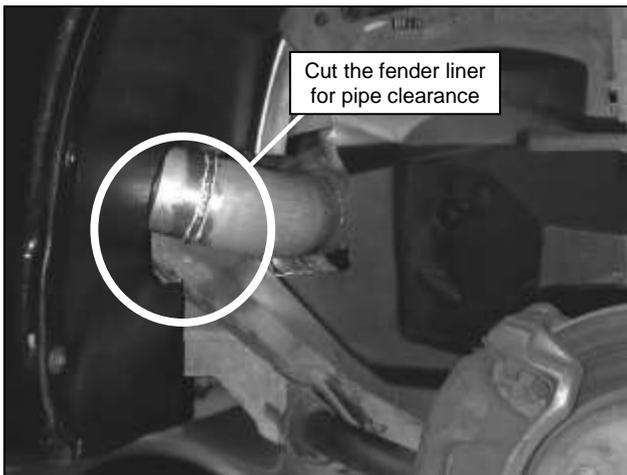
Proper installation of the rubber mount assembly.



d. Attach the breather hose to the crankcase vent and the nipple on the upper inlet pipe.



e. Attach the air filter to the lower inlet pipe. Once proper fitment of the air filter is achieved, secure the air filter to the inlet pipe with the provided hose clamp. Replace the inner fender liner so you can determine where to trim the inner fender liner. Trim the inner fender liner so the lower inlet pipe maintains clearance along its route.



f. Replace the outer fender liner so you can determine where to trim the outer fender liner. Trim the outer fender liner so the lower inlet pipe maintains clearance along its route.



g. Make sure the intake pipes clear the battery and the clutch master cylinder before tightening the hardware. Install the supplied grommet in the hole on the lower inlet pipe. Install the IAT sensor in the inlet pipe, then reconnect the IAT wire harness connector to the IAT sensor.



AEM<sup>®</sup> intake system installed

#### 4. Reassemble Vehicle

- a. **Fender liner and splashguard:** Install the fender liner, lower splash guard and any hardware that was removed in steps 2e through 2f.

**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 driver 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 terminal 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. AEM Induction Systems requires cleaning the intake system's air filter element every 100,000 miles. When used in dusty or off-road environments, our filters will require cleaning more often. We recommend that you visually inspect your filter once every 25,000 miles to determine if the screen is still visible. When the screen is no longer visible some place on the filter element, it is time to clean it. To clean, purchase our Synthetic air filter cleaner, part number 99-0624 and follow the easy instructions.

- b. Use window cleaner to clean your powder coated AEM<sup>®</sup> intake tube.

**NOTE: DO NOT USE aluminum polish on powder coated AEM<sup>®</sup> 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.