



Equipped with AEM® *Dryflow™ Filter*
No Oil Required!

INSTALLATION INSTRUCTIONS

PART NUMBER:

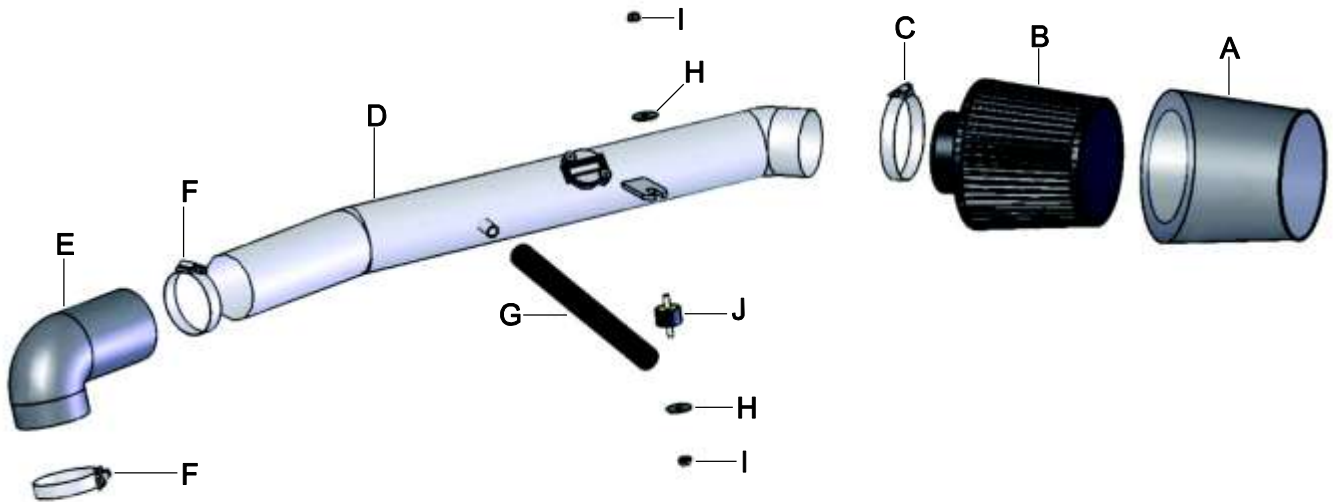
21-536C (Gun Metal Grey Finish)

21-536P (Vacuum Metalized Chrome-VMC)

2006-2009	PONTIAC	Solstice	L4-2.4L	C.A.R.B. E.O. # D-670-15
2007-2009	SATURN	Sky	L4-2.4L	C.A.R.B. E.O. # D-670-15

PARTS LIST

A	Prefilter, 5" Black	1	1-4000
B	Element Parts Kit 2.75 X 5" Dry Ele.	1	21-202DK
C	1/2" Bnd. Hose Clamp, 2.56"-3.50"	1	9448
D	Inlet Pipe	1	2-5361
E	Elbow, 2.75 X 90 1" Legs	1	5-279
F	1/2" Bnd. Hose Clamp, 2.31-3.25"	2	9444
G	Hose; 1/2"ID X 6-1/2"L	1	5-5065
H	Washer; 1"D X 1/4 Hole Fender	2	08160
I	Nut, M6 Hex Serrated	2	444.460.04
J	Mount, Rubber 5/8" X 6mm	1	1228598



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.

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. Loosen the hose clamp at the throttle body.



b. Unclasp the spring clamp. Remove the PCV breather hose from the inlet tube.



c. Loosen the hose clamp at the air box. Disconnect the mass air flow (MAF) sensor connector.



d. Loosen the inlet resonator tube mounting bolt located near the throttle body.



e. Loosen the remaining inlet resonator tube mounting bolt.



f. Loosen the air box mounting bolt.



g. Loosen the remaining air box mounting bolt. Remove the air box from the engine bay, careful not to damage the hood.



h. Remove the engine cover by pulling straight up on all four corners. This part will be reused.



i. Remove the breather hose by unclamping the spring clamp. Both clamps will be reused.



j. Remove the tree mount wire tie from the engine bracket.

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.



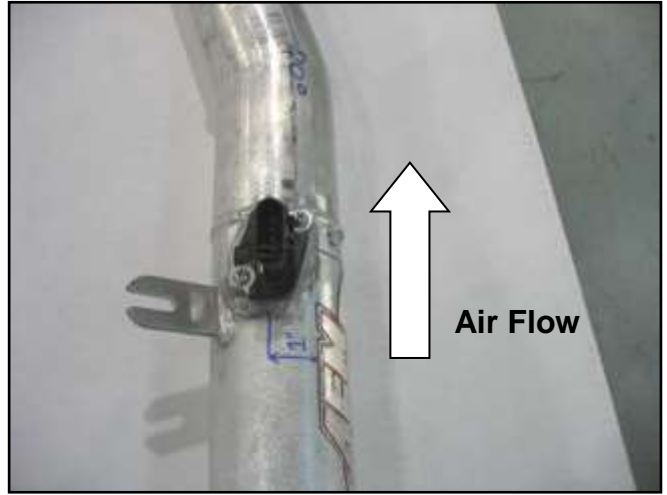
b. Install the supplied rubber mount. Secure the bottom of the rubber mount with the M6 washer and serrated nut in the hole left by the tree mount wire tie.



c. Remove the MAF sensor from the stock air box. The mounting screws will be reused.



d. Attach the coupler at the throttle body as shown. Secure with the #44 hose clamps.



e. Insert the MAF sensor as shown. **NOTE: The direction to flow noted on the sensor. Tighten with the factory hardware.**



f. Insert the intake pipe into the coupler at the throttle body. Attach the supplied breather hose and secure with the factory spring clamps.



g. Align the bracket with the rubber mount. Secure with the M6 washer and M6 serrated nut. Reconnect the MAF sensor wire harness connector.



h. Attach the air filter element as shown and secure with the #48 hose clamp. Check for clearance against the radiator shroud. Attach filter sock to protect against the elements.



Factory air box system installed



AEM® intake system installed

4. Reassemble Vehicle

- a. **Engine Cover:** Replace the engine cover.
- b. 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 any rubber mounts, all bolts, and hose clamps.
- c. Check for proper hood clearance. Re-adjust pipes if necessary and re-tighten them.
- d. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- e. 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[®] intake tube.

NOTE: DO NOT USE aluminum polish on powder coated AEM[®] intake tubes.