

# Installation Instructions

## For Part Numbers:

202-363 702-495 SynthaMax Dry Media Filter - Black

CADILLAC / CHEVROLET / GMC

2009-14 Escalade ESV / EXT

V8-6.2L

2009-13 Avalanche

V8-5.3L / 6.0L

2009-13 Silverado 1500

V8-4.8L / 5.3L / 6.0L / 6.2L

2009-14 Suburban

V8-5.3L / 6.0L

2009-14 Tahoe

V8-4.8L / 5.3L / 6.2L

2009-14 Yukon, Denali / Denali XL / XL 1500

V8-4.8L / 5.3L / 6.2L

2009-13 Sierra, Denali 1500

V8-4.8L / 5.3L / 6.0L / 6.2L

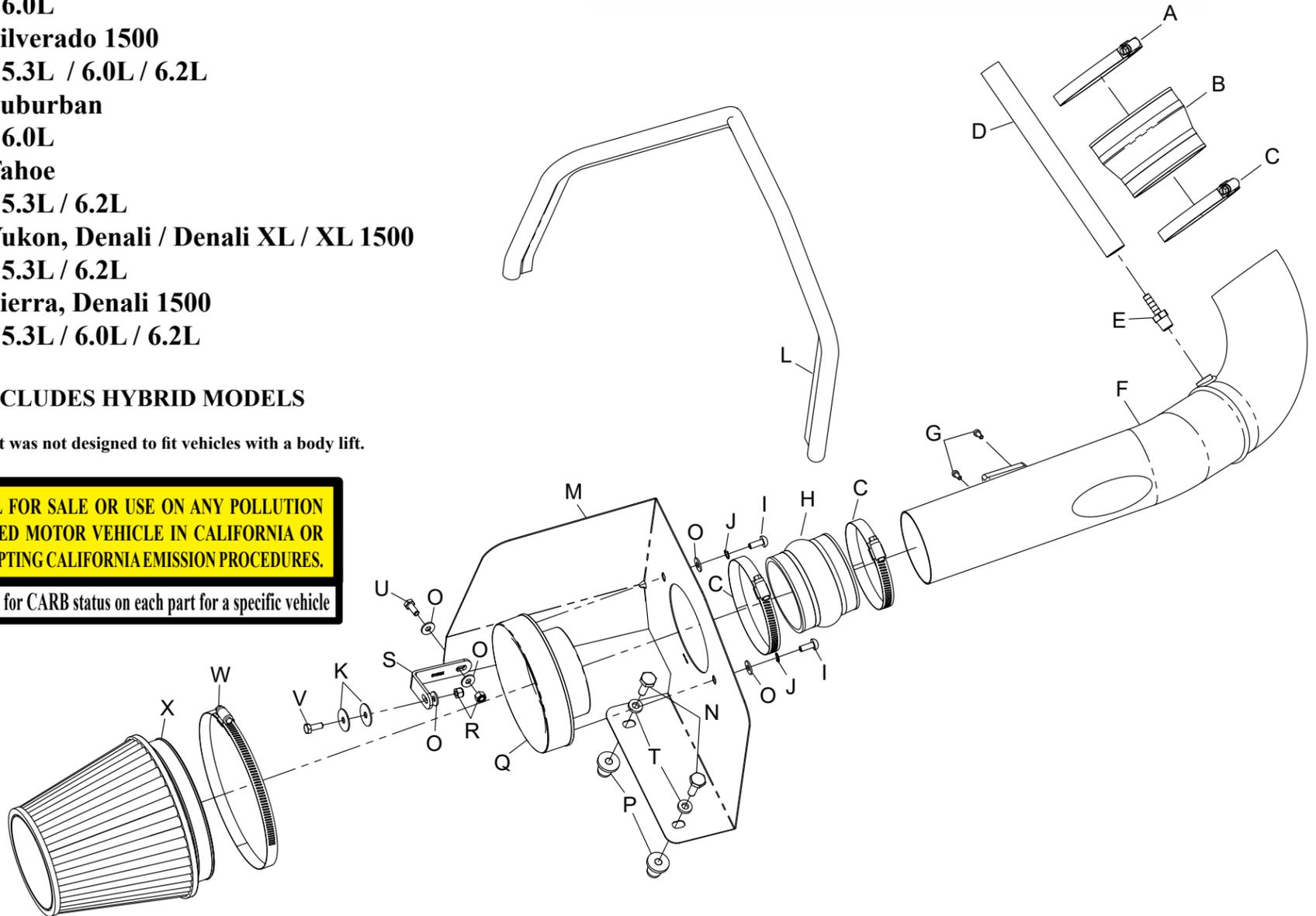


**NOTE: EXCLUDES HYBRID MODELS**

**NOTE: This kit was not designed to fit vehicles with a body lift.**

**NOT LEGAL FOR SALE OR USE ON ANY POLLUTION CONTROLLED MOTOR VEHICLE IN CALIFORNIA OR STATES ADOPTING CALIFORNIA EMISSION PROCEDURES.**

See Airaid.com for CARB status on each part for a specific vehicle



## Component Identification

Description	Qty.	Part #						
A Hose Clamp #64 Stainless	1	08645	I Bolt; M6X1.00X16mm, Btnhd.	2	07730	Q Adaptor; #380	1	21512-1
B Hose; 4" To 3-1/2" ID X 3" L TPRD	1	08497	J Washer; 1/4" Lock, ZN	2	08198	R Nut; 6mm Nylcok, Hexhead, SS	2	07512
C Hose Clamp #56	3	08620	K Washer; 1" D X 1/4 Hole Fender	2	08160	S Bracket; "L" Small, STL, TK/PC	1	010031
D Hose; 3/8" ID X 17" L	1	08404	L Edge Trim (39")	1	102496	T Washer; 5/16" ID X 5/8" OD, Flat	2	08276
E Vent; Strt., 3/8" Hose, 1/4" NPT	1	08047	M Heat Shield	1	07635	U Bolt; M6-1.00 X 25mm, SS	1	07858
F Intake Tube	1	KIT27457TK	N Bolt; 5/16"- 18 X 1"L, SS	2	07777	V Bolt; 6mm-1.00 X 16mm, SS	1	07812
G Bolt; M4 - 0.07 8mm, A/H Cap, SS	2	07733	O Washer; 6mm Flat, SS	5	08269	W Hose Clamp #104	1	KITHS104
H Hose; 3-1/2" ID x 3" Hump	1	5-1074	P Insert; 5/16-18 X .600 OD X .730L	2	088002	X Air Filter	1	702-495

Full color instructions can be viewed on our web site at [Airaid.com](http://Airaid.com). If you need any assistance please call 1-800-498-6951 to speak with a representative in our Customer Service Center before returning the product.

### TO START:

1. Turn off the ignition and disconnect the negative battery cable.

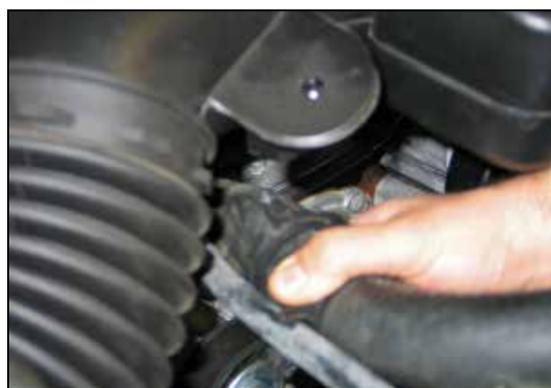
**NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your vehicles anti-theft code cannot be recovered, contact an authorized dealership to obtain your vehicles anti-theft code.**



2. Disconnect the mass air electrical connection.



3. Lift up on the engine cover and remove as shown.



4. Unhook the radiator hose mount from the intake tube.



5. Unhook the crankcase vent line from the intake tube plenum as shown.



6. Loosen the hose clamp which secures the stock intake tube, then remove the intake tube from the vehicle.

## Continued...



7. Rotate the crankcase vent line on the valve cover port, and then release the locking tab and remove the crankcase vent line from the valve cover.



8. Pull firmly upward to release the air filter housing from the mounting tray grommets. Then remove the assembly as shown.

**NOTE: AIRAID recommends that customers do not discard factory air intake.**



9. Remove the two screws securing the mass air sensor to the air box and then remove the mass air sensor from the air box as shown. Install the mass air sensor into the AIRAID® intake tube and secure with the provided hardware.



10. Install heat shield mounting bracket onto the heat shield as shown using the provided hardware.

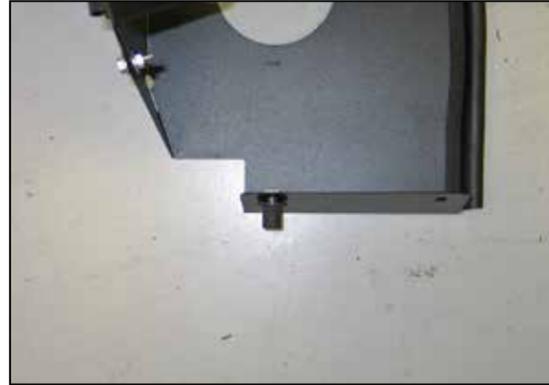


11. Install the provided edge trim onto the heat shield as shown.

**NOTE: Some trimming will be necessary.**



12. Remove the air box mounting grommet shown from the air box mounting plate.



13. Secure the 5/16" inserted nut to the heat shield as shown.



14. Set the heat shield assembly into position with the inserted nut installed into the air box mounting grommet location. Mark the heat shield mounting location to be drilled.



15. Remove the heat shield assembly and drill a 5/8" hole at the marked location. Install the remaining 5/16" inserted nut into the heat shield as shown.



16. Reinstall the heat shield assembly onto the air box mounting plate and secure the two 5/16" bolts provided.



17. Secure the mounting bracket to the inner fender with the hardware provided.



18. Install the filter adapter onto the heat shield and secure with the provided hardware.



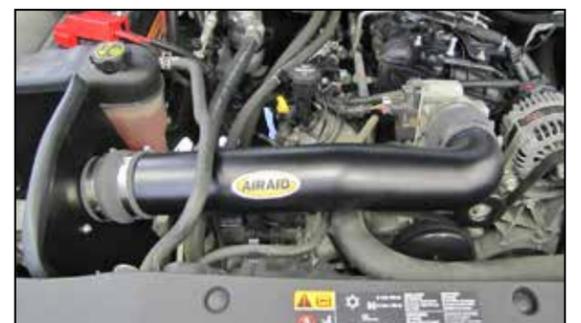
19. Install the provided hump coupler hose onto the filter adapter and secure with the provided hose clamp.



20. Install step coupler hose onto the throttle body and secure with the provided hose clamp.



21. Install the provided 1/4" NPT fitting into the AIRAID® intake tube as shown.  
**NOTE: Plastic NPT fittings are easy to cross thread. Install the vent fitting "hand" tight, then turn it two complete turns with a wrench.**



22. Install the AIRAID® intake tube into the silicone hose at the filter adapter and then into the silicone hose at the throttle body, then secure with the provided hose clamps.

## Continued...



23. Install the provided crankcase vent hose onto the valve cover vent port and then connect the remaining open end to the 1/4" NPT fitting in the AIRAID® intake tube.



24. Install the AIRAID® air filter onto the filter adaptor and secure with the provided hose clamp.



25. Reconnect the mass air electrical connection.



**26. Double check your work!**

Make sure there is no foreign material in the intake path. Make sure all clamps, hoses, bolts, and screws are tight. Double check the hood clearance!

**Reconnect the negative battery cable!**

27. **NOTE:** Most General Motors vehicles have the Vehicle Emissions Certification Information (VECI) label affixed to the air filter box. In order to be compliant with California emissions laws, the label **MUST** remain in the engine compartment. If the Vehicle Emission Control Information label is removed during modification, a new replacement label must be obtained and installed in a readily visible position in the engine compartment. The label shall not be affixed to any equipment which is easily detached from the vehicle. We recommend that the label is affixed to the underside of the hood adjacent to the hood latch. The label is Vehicle Identification Number dependent and can be ordered from the vehicle dealership. In order to receive the proper decal please bring your VIN with you. Failure to have the VECI under the hood may result in failure of a pre-registration smog test.

Thank you for purchasing the Airaid Intake System. Contact Airaid @ (800) 498-6951 8:00 AM - 5:00 PM MST weekdays for questions regarding fit or instructions that are not clear to you. Your Airaid Intake System was carefully inspected and packaged. Check that no parts are missing, or were damaged during shipping. If any parts are missing, contact Airaid. The air filter element is protected from direct exposure to water and debris; care should be taken not to drive through deep water.

**WATER INGESTION IS THE DRIVERS RESPONSIBILITY!** The air filter is reusable and should be cleaned periodically.

### FILTER IDENTIFICATION 702-495 Airaid SynthaMax Dry Media - Black

For your Oiled media filter we offer the  
Airaid Tune Up Kit!



P/N 790-551 Aerosol Spray  
P/N 790-550 Squeeze Spray



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*SynthaMax*

Synthamax Air Filters **do not** require oil. Service air filter as needed by cleaning with common non-petroleum all-purpose household cleaner and water. Simple Green®, Formula 409® or equivalent works great. Apply cleaner to outside of air filter and allow to soak. Then flush filter clean from the inside out with a garden hose and repeat steps if necessary. Do not apply high pressure water or air to clean filter. Allow filter to air dry and reinstall.