



# Installation Instructions

For Part Numbers:

312-392 702-462 SynthaMax Dry Media Filter - Black

2012-18 JEEP Grand Cherokee SRT

2018 DODGE Durango SRT

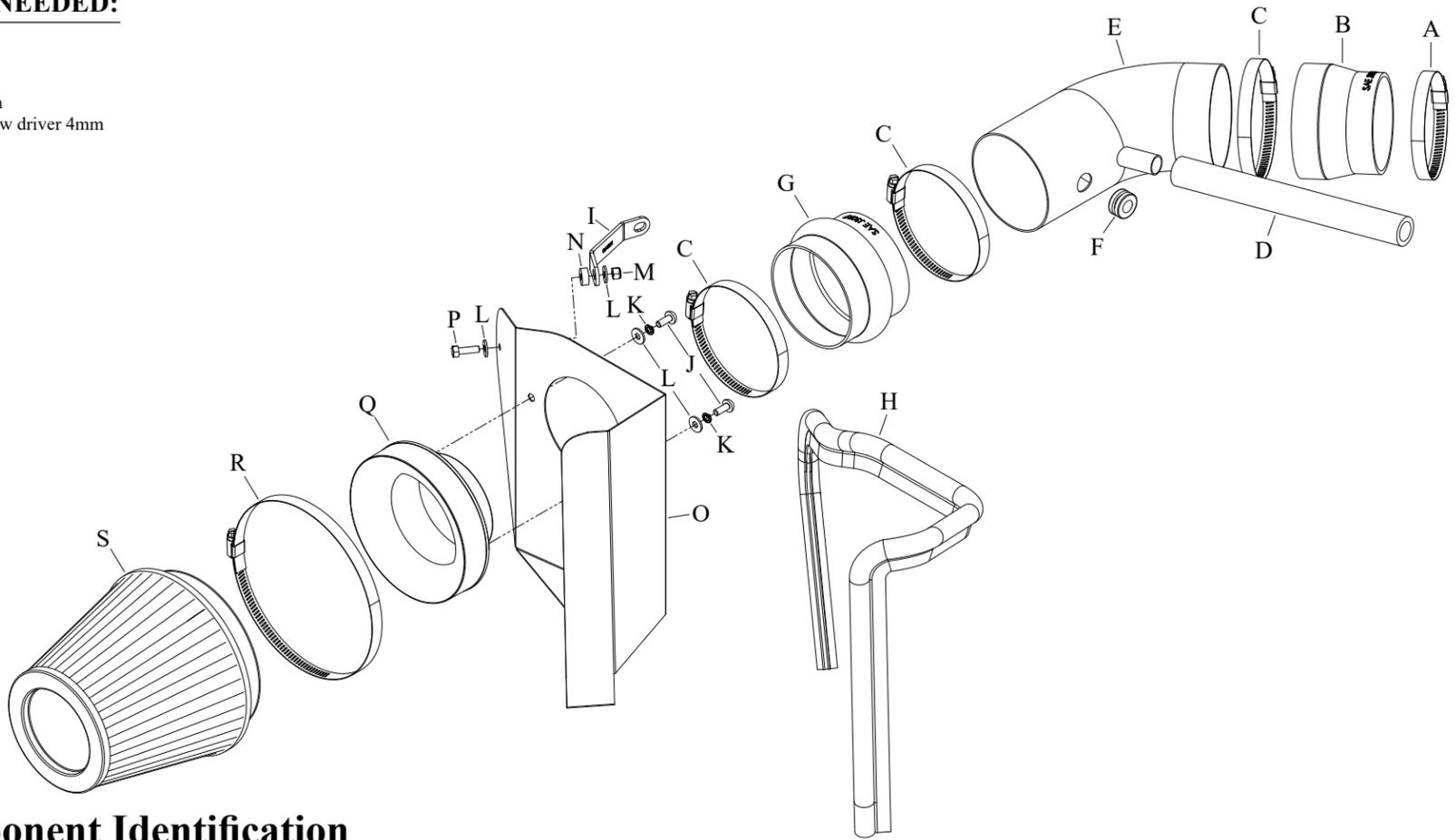
V8-6.4L

**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

## TOOLS NEEDED:

- ratchet
- extension
- 10mm socket
- 10mm wrench
- flat blade screw driver 4mm
- allen key



## Component Identification

Description	Qty.	Part #	Description	Qty.	Part #	Description	Qty.	Part #
A HOSE CLAMP #56	1	08620	H EDGE TRIM (39")	1	102496	O HEAT SHIELD	1	073191
B HOSE; 4"ID TO 3.5"ID X 3"L	1	08497	I BRACKET; "C", 77-1567, STL	1	064331	P BOLT; M6 X 1.00" X 20MM HEX	1	07795
C HOSE CLAMP #64 STAINLESS	3	08645	J BOLT; M6 X 1.00 X 16MM, SS	2	07730	Q ADAPTOR; 57-3058 #454	1	27300
D HOSE; 3/4"ID X 10"L	1	5-4010	K WASHER, M6 SPLIT LOCK ZINC	2	1-3025	R CLAMP; #104, 9/16" SS	1	KITHS104
E INTAKE TUBE	1	KIT27566TK	L WASHER; 6MM FLAT, SS	4	08269	S AIR FILTER	1	702-462
F GROMMET; 1"OD, 1/2"ID, 1/2"	1	08064	M NUT; 6MM NYLOCK, HEXHEAD	1	07512			
G HOSE; 4" ID X 3" L HUMP	1	08418	N SPACER: .625" OD X .250"ID	1	06555			

Full color instructions can be viewed on our web site at 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 inlet air temperature air sensor electrical connection.



3. Remove the driver's side decorative engine cover.



4. Disconnect the crank case vent hose from the valve cover port.



5. Loosen the hose clamp securing the factory intake tube to the throttle body.



6. Lift up the air filter assembly to dislodge it from the mounting grommets and the remove the complete assembly from the vehicle.

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

## Continued...



7. Lift out and remove the inlet air diverter tray from the vehicle.



8. Remove the retaining clip that secures the windshield washer bottle to the core support.  
**NOTE: The retaining clip will be reused in a later step.**



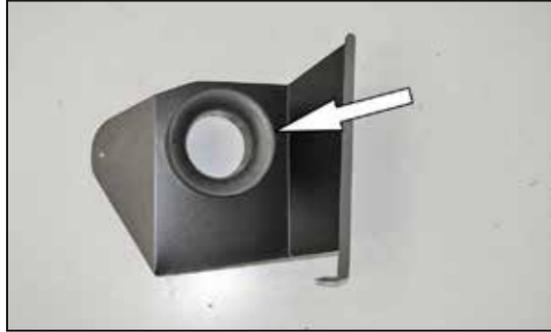
9. Remove the core support bolt shown.  
**NOTE: This bolt will be reused in the next step.**



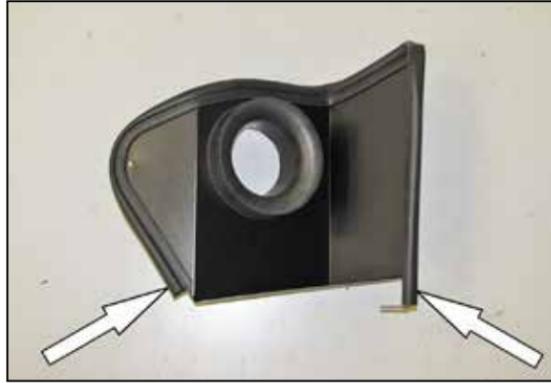
10. Install the provided heat shield mounting bracket onto the core support and secure with the factory bolt from the previous step.



11. Secure the windshield washer bottle to the core support using the factory retaining clip from step #8.



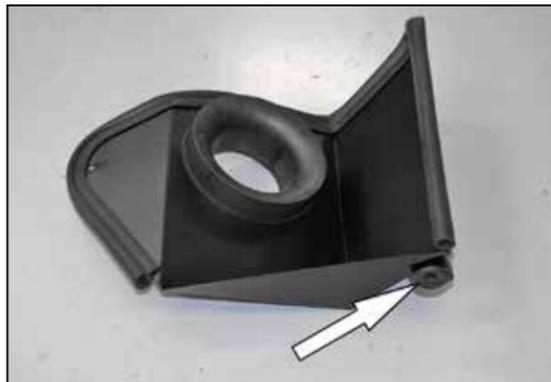
12. Install the filter adapter into the heat shield and secure with the provided hardware.



13. Install the edge trim onto the heat shield as shown.  
**NOTE: Some trimming of the edge trim will be necessary.**



14. Remove one of the factory mounting grommets from the air filter housing assembly as shown.



15. Install the factory mounting grommet into the heat shield as shown.



16. Install the heat shield assembly into the vehicle so the mounting grommet slides onto the inner most mounting stud. Align the heat shield with the mounting bracket and then secure with the spacer and hardware provided.  
**NOTE: Be sure to place the spacer between the bracket and heat shield.**



17. Install the step coupler (08497) onto the throttle body and secure with the provided hose clamp.



18. Install the provided coupler (08418) onto the filter adapter and secure with the provided hose clamp.



19. Remove the inlet air temperature sensor from the factory intake tube.



20. Install the provided grommet into the AIRAID® intake tube. Remove the O-ring from the inlet air temperature sensor and then install the sensor into the grommet as shown.



21. Install the AIRAID® intake tube into the hump coupler and then into the straight coupler, adjust the intake tube for best fit and then secure with the provided hose clamps.

## Continued...



22. Install the provided crank case vent hose onto the valve cover port and then to the port on the AIRAID® intake tube.

**NOTE: Some trimming of the hose may be necessary.**



23. Reconnect the inlet air temperature sensor electrical connection.



24. Reinstall the driver's side decorative engine cover.



25. Install the AIRAID® air filter and secure with the provided hose clamp.



**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!**

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

702-462 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.