



Installation Instructions

For Part Numbers:

300-780 850-447 Airaid Oiled Media Filter

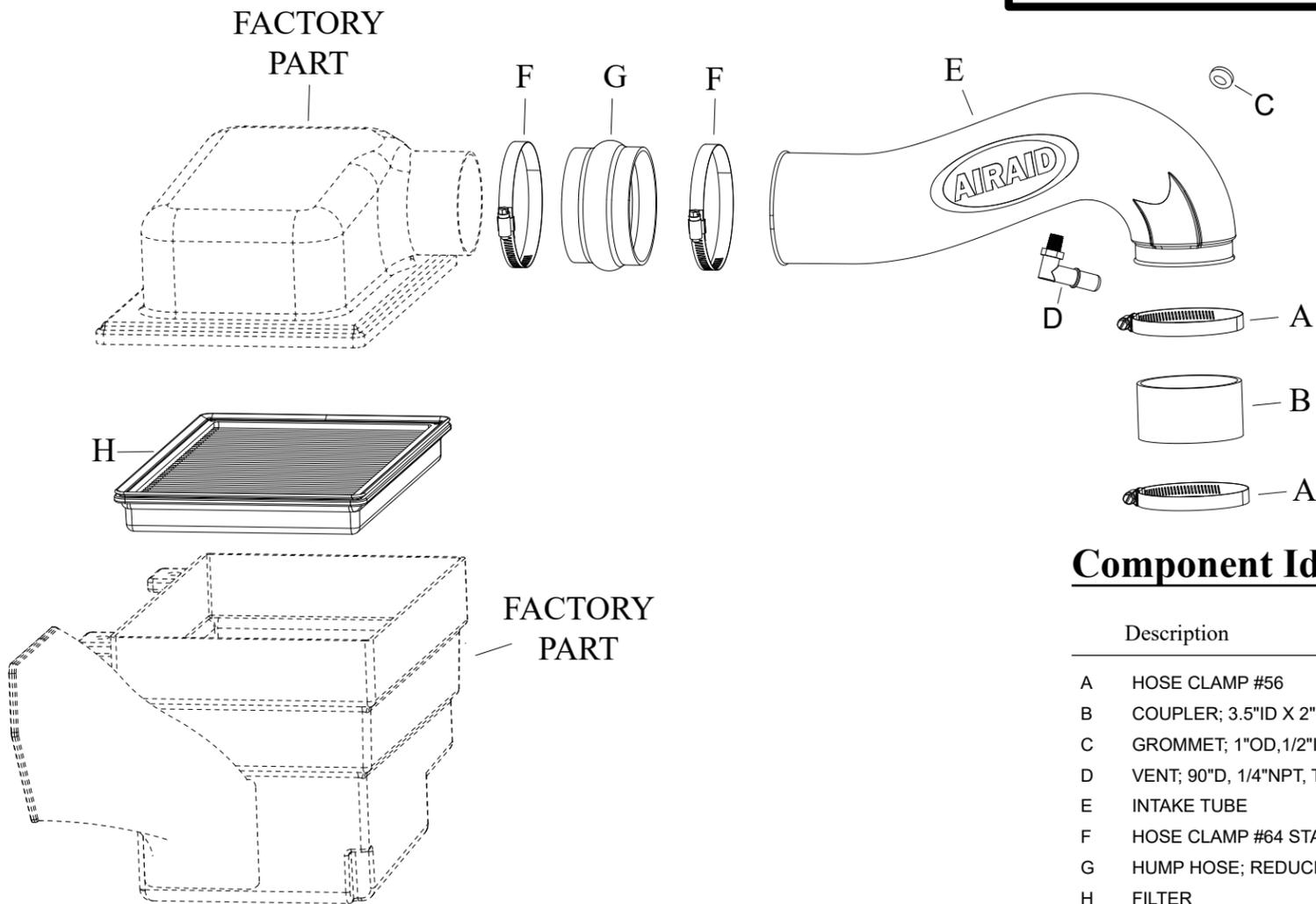
301-780 851-447 SynthaMax Dry Media Filter - Red

2019-21 RAM 1500

V8-5.7L

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:
flat blade screw driver

Component Identification

Description	Qty.	Part #
A HOSE CLAMP #56	2	08620
B COUPLER; 3.5"ID X 2"L	1	KITCOUPLER09
C GROMMET; 1"OD, 1/2"ID, 1/2"	1	08064
D VENT; 90"D, 1/4"NPT, TO .600"	1	82633
E INTAKE TUBE	1	KIT780
F HOSE CLAMP #64 STAINLESS	2	08645
G HUMP HOSE; REDUCING 4"ID	1	KITHUMPHS35
H FILTER	1	850/851-447

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.



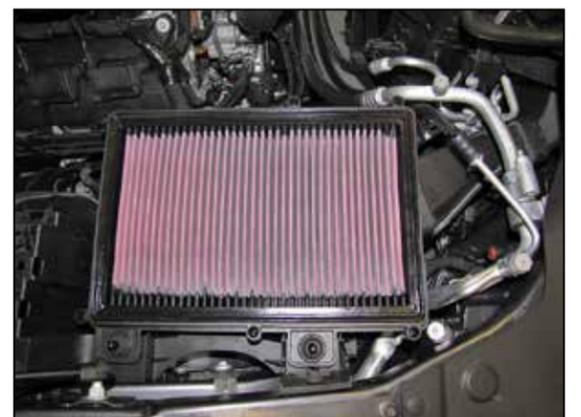
2. Disconnect the crank case vent line from the factory intake tube and disconnect the inlet air temperature sensor electrical connection.



3. Loosen the hose clamps that secure the factory intake tube and then remove the intake tube from the vehicle. **NOTE:** AIRAID recommends that customers do not discard factory air intake.



4. Loosen the six screws that secure the air filter housing lid and then remove the lid and factory air filter.



5. Install the AIRAID® air filter and then replace the factory lid and secure with the factory screws.



6. Install the coupling hose (KITCOUPLER09) onto the throttle body and secure with the provided hose clamp.

Continued...



7. Install the provided hump coupler (KITHUMPHS35) onto the air filter housing and secure with the provided hose clamp.



8. Remove the Inlet air temperature sensor from the factory intake tube and then remove O-ring from the sensor.

NOTE: The Inlet air Temperature sensor is very fragile.



9. Install the Grommet supplied into the AIRAID® intake tube and then install the inlet air temperature sensor into the grommet. Install the provided vent fitting into the AIRAID intake tube as shown.

NOTE: The Inlet air Temperature sensor is very fragile.

NOTE: Plastic NPT fittings are easy to cross thread. Install the vent fitting "hand" tight, then turn it two complete turns with a wrench.



10. Install the AIRAID® intake tube into the coupler at the air filter housing and then into the coupler at the throttle body, adjust the tube for best fit and then secure with the provided hose clamps.



11. Reconnect the inlet air temperature sensor electrical connection and crank case vent line.



12. 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

850-447 Airaid Oiled Media

851-447 Airaid SynthaMax Dry Media - Red

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.