

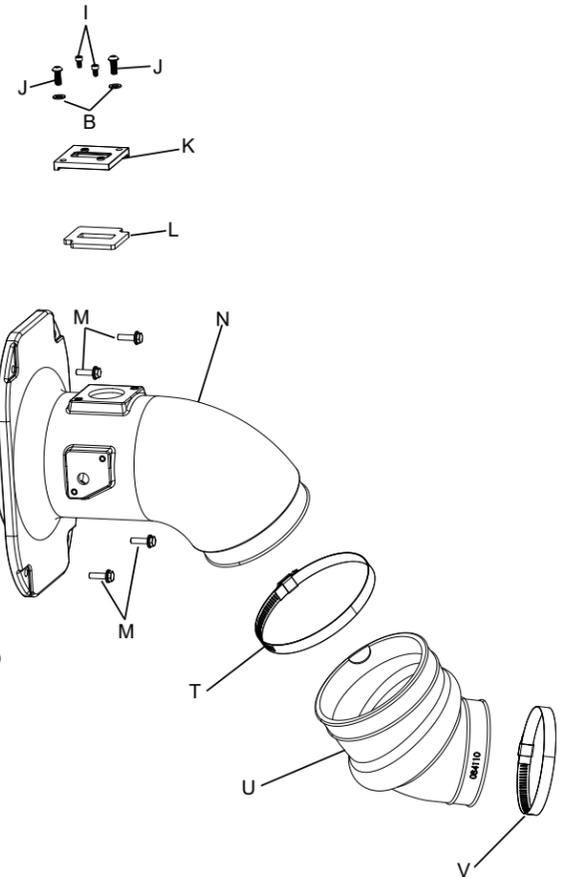
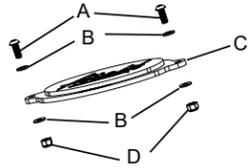
# Airaid

## INSTALLATION INSTRUCTIONS

304-105 724-485 Airaid Oiled Media Filter  
 305-105 725-485 SynthaMax Dry Media Filter  
 2019-24 RAM 2500HD/3500HD  
 L6-6.7L

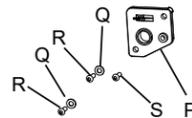
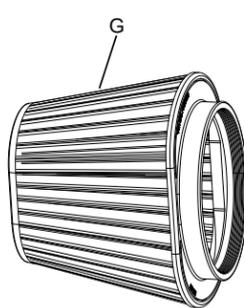
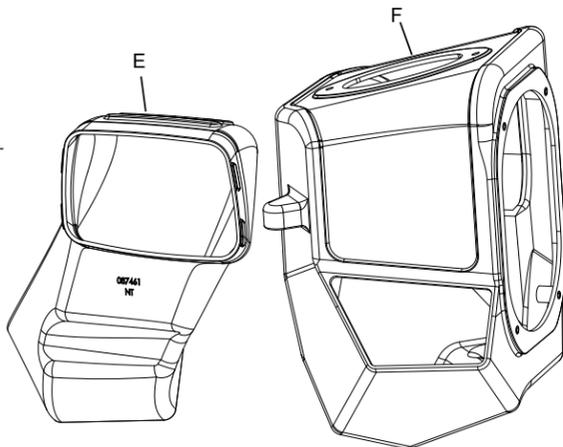
NOT LEGAL FOR SALE OR USE ON ANY POLLUTION CONTROLLED MOTOR VEHICLE IN CALIFORNIA OR STATES ADOPTING CALIFORNIA EMISSION PROCEDURES.

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



### TOOLS NEEDED:

Flat blade screw driver  
 Ratchet  
 Extension  
 8mm socket  
 10mm socket  
 2.5mm allen key  
 3mm allen key  
 4mm allen key  
 T15 torx



### COMPONENT IDENTIFICATION

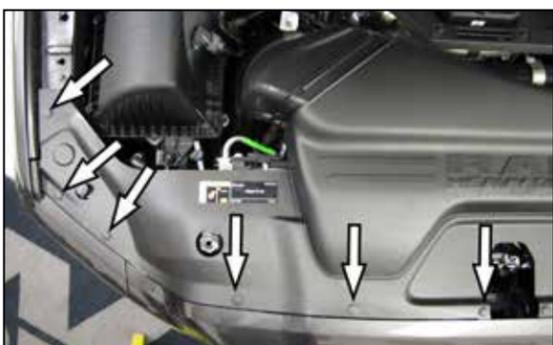
Description	Qty.	Part #	Description	Qty.	Part #	Description	Qty.	Part #
A BOLT; M5 - 0.8 X 12MM	2	07734	H HOSE CLAMP #104	1	08697	O ADAPTOR; MAF SENSOR	1	21515-1
B WASHER; 6MM FLAT	6	08269	I BOLT; M4-.7 X 8MM	2	07733	P ADAPTER; TEMP SENSOR	1	088021
C PLATE; AIRAID LOGO CLEAR	1	KITLOGOP-1	J SCREW; M6 X 20MM	2	KIT20BHC3060	Q WASHER; 5MM FLAT	2	08212
D NUT; 6MM NYLOCK	2	07512	K GASKET; TEMP SENSOR	1	09771	R BOLT; M6 X 1.00 X16MM	2	07730
E AIR DUCT; NT	1	087461	L GASKET; 3/16	1	09069	S SCREW; M4 - .7 X 12	1	07726
F AIRBOX; OF	1	087473	M BOLT; M6-1 X 20	4	1-2038	T HOSE CLAMP #80	1	08685
G AIR FILTER	1	724/725-485	N MAF HOUSING; NS	1	087322	U HOSE; HUMP 4"OD TO 5"OD	1	084110
						V HOSE CLAMP #64	1	08645

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. Remove the 14 push clips that secure the upper core support plastic cover and then remove the cover from the vehicle.



3. Remove the two bolts that secure the fresh air inlet duct to the core support and then remove the inlet from the vehicle.



4. Loosen the hose clamp that secures the intake tube to the air filter housing and disconnect the electrical connections of the two air sensors.



5. Remove the complete air filter housing from the vehicle as shown.

## Continued...



6. Loosen the hose clamp that secures the factory intake tube to the turbo inlet and then remove the tube from the vehicle.



7. Install the provided gaskets onto the bottom of the two air sensor adapters provided.



8. Remove the air sensors from the factory housing and install them into the K&N sensor adapters using the provided hardware.



9. Install the two air sensor assemblies into the intake tube using the provided hardware. Be sure the top sensor is installed in the correct direction. The opening of the sensor should be towards the filter end of the tube.



10. Install the flex coupler onto the intake tube and secure with the provided hose clamp. The coupler is keyed and can only be installed in one location.



11. Remove the mounting grommets from the factory air filter housing and install them into the AIRAID filter housing as shown.



12. Install the AIRAID window into the air filter housing and secure with the provided hardware.



13. Install the AIRAID filter housing into the vehicle so the mounting pins protrude through the grommets.



14. Install the tube assembly onto the filter housing. Secure the intake tube with the provided hardware.



15. Install the intake system into the vehicle so the airbox rests on the mounting studs and connect the coupler to the turbo inlet.



16. Secure the coupler to the turbo inlet with the provided hose clamp.



17. Reconnect the air sensor electrical connections.



18. Install the AIRAID fresh air intake duct and then install the factory upper portion of the fresh air intake duct and secure with the factory hardware.



19. Reinstall the factory core support cover and secure with the factory retaining clips.

## Continued...



### 20. 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.

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.