



Installation Instructions

For Part Numbers:

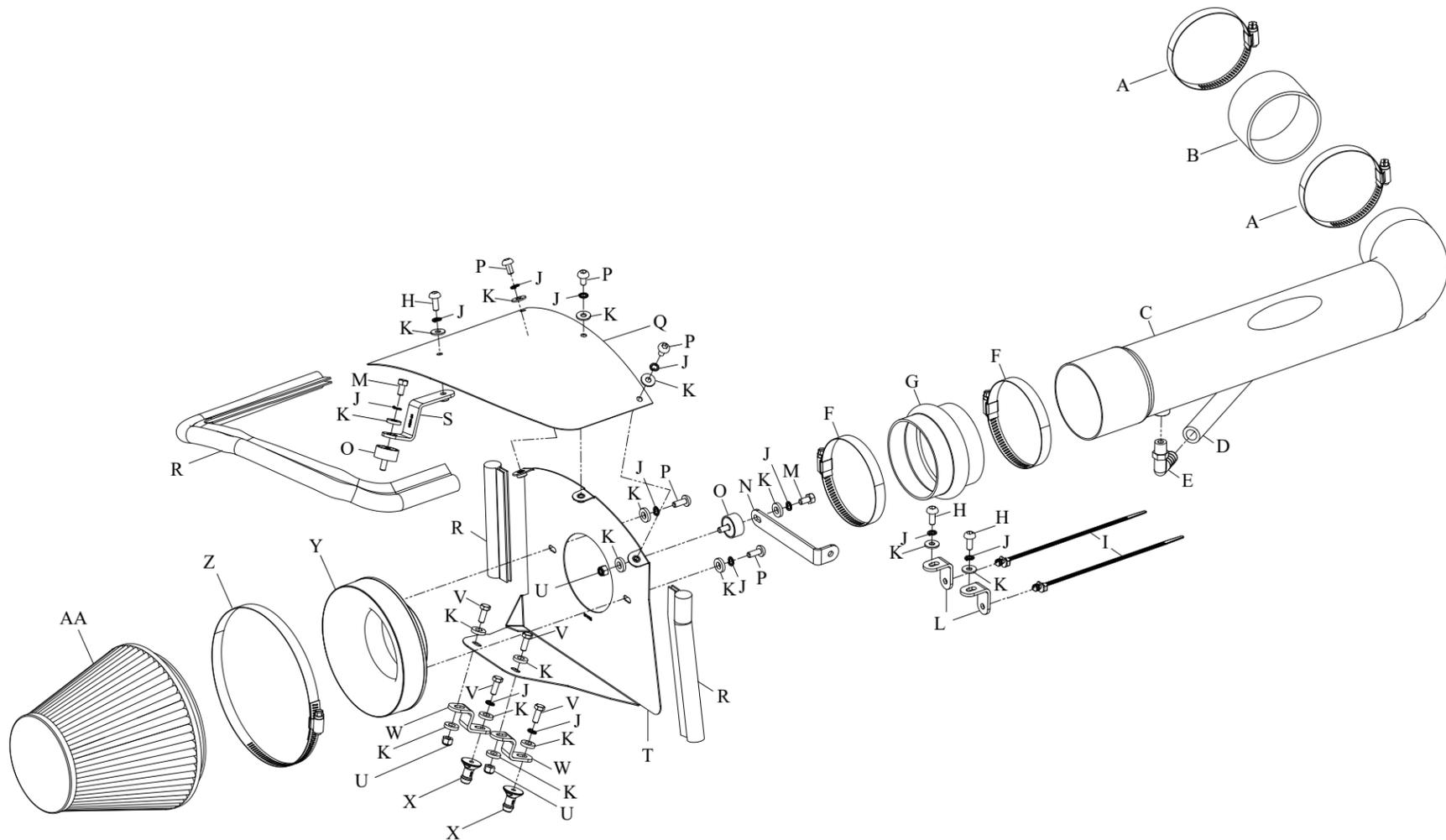
312-366 702-466 SynthaMax Dry Media Filter - Black

2012-18 JEEP Wrangler JK

V6-3.6L

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 #	Description	Qty.	Part #
A HOSE CLAMP # 52	2	08610	N BRACKET; "L", 63-1566, STL, TB/PC	1	083164
B HOSE; 3-1/4" ID X 2" L REINFORCED	1	08690	O STUD; RUBBER MNT, M/F, 1/2" L X 1" W	2	070228
C INTAKE TUBE	1	KIT27570TK	P BOLT; M6 X 1.00 X 16MM, BUTTONHEAD, SS	5	07730
D HOSE; 5/8" ID X 14" L	1	084083	Q HEAT SHIELD LID	1	KIT312366LIDC
E VENT; 90DEG, 5/8" HOSE, 1/4" NPT, BLACK	1	08525	R EDGE TRIM (35")	1	102471
F HOSE CLAMP #56	2	08620	S BRACKET; "Z", 63-1566, STL, TB/PC	1	083163
G HOSE; 3-1/2" ID X 2-1/2" L HUMP REINFORCED	1	08699	T HEAT SHIELD	1	074108
H BOLT; M6 X 1.00" 12MM BUTTONHEAD, SS	3	07794	U NUT; 6MM NYLOCK, HEXHEAD, SS	3	07512
I ZIP TIE, 8" TREE PUSH-MNT	2	1-127	V BOLT; 6MM-1.00 X 16MM, SS	4	07812
J WASHER; M6 SPLIT LOCK ZINC	12	1-3025	W BRACKET; 69-6026, "Z", STL, TB/PC	2	070061A
K WASHER; 6MM FLAT, SS	16	08269	X MOUNT, PLASTIC AIRBOX	2	8-186-1
L BRACKET; 69-2521, "L", SML, STL, TB/PC	2	070066A	Y ADAPTER; UNIVERSAL, 6" FILTER 3.5"	1	21512-1
M BOLT; M6 X 1.00 X 12MM. HEXHEAD, SS	2	07727	Z HOSE CLAMP # 104	1	08697
			AA AIR FILTER	1	702-466

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. Lift up and remove the engine cover.



3. Remove the two bolts which secure the factory intake tube to the fan shroud. Loosen the hose clamp securing the factory intake tube to the air filter housing. Loosen the hose clamp securing the factory intake tube to the throttle body.



4. Lift up the intake tube and then disconnect the inlet air temperature electrical connection. Then remove the intake tube from the vehicle.



5. Disconnect the crank case vent hose from the crank case vent tube. Lift up and remove the air filter housing from the vehicle.

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



6. Remove the bolt shown that secures the air box mount bracket to the inner fender.

Continued...



7. Remove the bolt shown that secures the radiator to the core support.

NOTE: This bolt will be reused in a later step.



8. Install the two provided mounting studs onto the two heat shield brackets as shown.



9. Install the two heat shield bracket assemblies onto the heat shield as shown.



10. Install the provided filter adapter onto the heat shield as shown.



11. Cut the provided edge trim into three sections. One section is to be 6" long, one section is to be 7" long and the final section is to be 22" long. Install the edge trim onto the heat shield and lid as shown.



12. Install the heat shield assembly into position so the mounting studs are in the air box mounting grommets.



13. Install the AIRAID air filter onto the filter adapter and secure with the provided hose clamp.



14. Install the provided rubber mounted stud onto the heat shield bracket as shown.



15. Install the heat shield bracket assembly onto the heat shield and radiator mount as shown. Secure the bracket with the factory bolt from step number 7 and the hardware provided.



16. Install the rubber mounted stud into the air box mounting plate bolt location as shown.



17. Install the provided bracket (083163) onto the rubber mounted stud using the provided hardware.



18. Install the AIRAID filter lid and secure with the provided hardware.

NOTE: Install the bolt into the bracket 1st.



19. Install the provided hump hose (08699) onto the filter adapter and secure with the provided hose clamp.



20. Install the provided silicone hose (08690) onto the throttle body and secure with the provided hose clamp.



21. Install the 90°, 1/4" vent fitting into the AIRAID intake tube as shown.



22. Install the provided crank case vent hose onto the fitting as shown.



23. Remove the inlet air temperature sensor from the factory intake plenum then install the inlet air temperature sensor into the AIRAID intake tube as shown.

NOTE: Align the tab on the sensor with the line on the sensor mount then rotate clockwise to lock into position. The sensor is very fragile so use caution while handling the sensor.

Continued...



24. Install the two provided mounting head tie wraps into the two provided brackets as shown.

NOTE: The tie wraps are to be installed into the round holes.



25. Install the tie wrap equipped brackets onto the factory intake tube mounting locations on the fan shroud using the provided hardware. Then secure the coolant over flow hose with the tie wraps.



26. Lower the AIRAID tube into place and reconnect the inlet air temperature sensor electrical connection..



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



28. Connect the open end of the crank case vent hose to the factory crank case vent tube as shown.



29. Reinstall the engine cover.



30. 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 702-466 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.