




Airaid 404-293 Oiled Media Filter SynthaMax Dry Media Filter Instruction Manual

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Airaid 404-293 Oiled Media Filter SynthaMax Dry Media Filter



Product Information

The product is an Airaid Oiled Media Filter (part number 724-293 or 725-243) or a SynthaMax Dry Media Filter (part number 724-293 or 725-243) designed for use in a 2015-20 Ford F-150 5.0L-V8. Please note that this product is not legal for sale or use on any pollution-controlled motor vehicle in California or states adopting California emission procedures. For CARB status on each part for a specific vehicle, please visit Airaid.com.

The product includes various components:

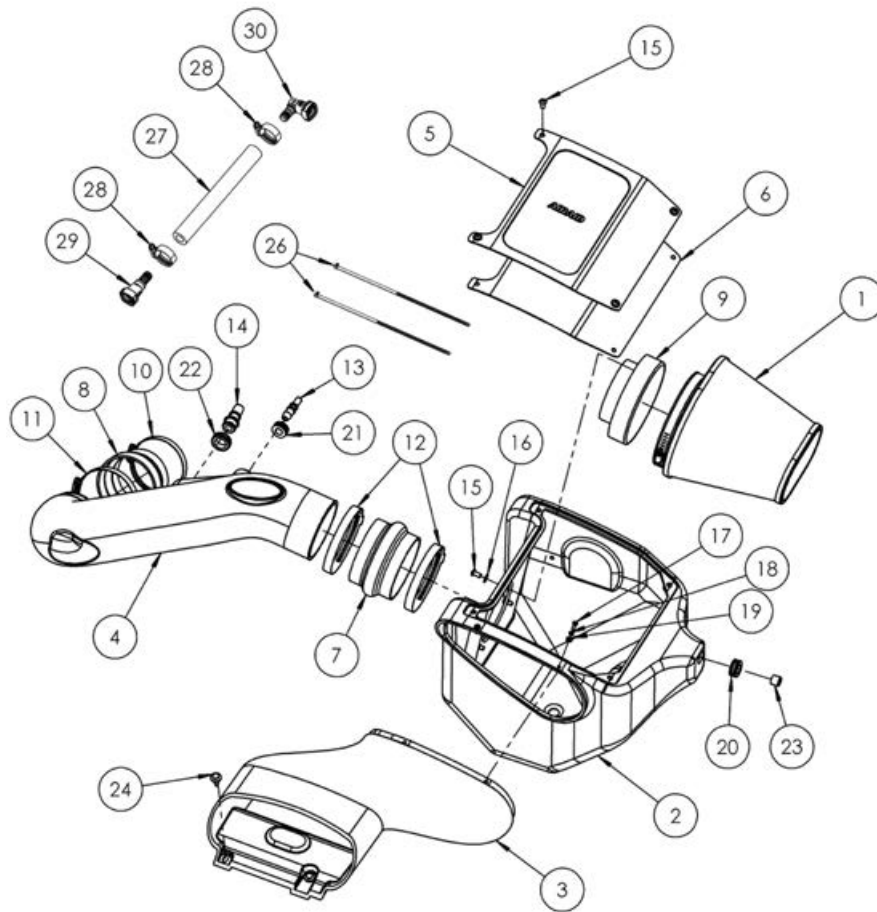
- Air Filter (1)
- Airbox; Cold (1)
- Inlet (1)
- Tube; Intake (1)
- Lid (1)
- Gasket (1)
- Hump Hose; 4.25ID X 3L (1)
- Reducer; 4ID X 3.5ID (1)
- Adapter; MAF Plastic (1)
- Hose Clamp; #56 (1)
- Clamp; #64 (1)
- Clamp; #72 (1)
- Fitting; Hose Connector (1)
- Fitting; 217 Aluminum (1)
- Screw; 1/4-20 X 1/2 (1)
- Washer; 1/4ID X 5/8OD (1)
- Screw; 8-32 X 5/8 BTHD (1)
- Washer; #8 Lock Split (1)
- Washer; #8 Flat (1)
- Grommet (1)
- Grommet; 1/2ID, .75GD (1)
- Grommet; 5/8 BLK Rubber (1)
- Spacer; 382ID X 5/8OD (1)
- Clip; Retainer (1)
- Decal; Dome Oval (1)
- Zip Tie; 8 (1)
- Hose; 5/8ID X 9L (1)
- Hose Clamp; #10 Mini (1)
- Fitting; 16-14MM (1)
- Fitting; PCV 90 (1)

Full color instructions can be viewed on the Airaid website at Airaid.com. If you need any assistance, please call 1-800-498-6951 to speak with a representative in the Customer Service Center before returning the product.

Product Usage Instructions

1. Loosen the intake clamps on the throttle body and the air box outlet.
2. Disconnect the two breather lines and remove the intake tube from the vehicle.
3. Using a standard blade screwdriver, gently pry up the center posts of the plastic rivets in the air inlet and remove them.
4. Remove the 8mm fender bolt in the air box and remove the entire air box/scoop assembly from the vehicle.
Note: On vehicles equipped with a wiring harness attached to the airbox, be sure to unclip the wiring harness from the air box before removal.
5. Mount the Filter adapter inside of the Airaid Air Box as shown using three sets of the 1/4-20 Button head Screws and Flat washers.
6. Insert the 5/8 Grommet and Spacer into the opposite side of the Airaid Air Box.
7. Insert the new Air Scoop into the Airaid Air Box as shown.
8. Secure the Scoop to the AirBox using the two sets of 8-32 Button Head Screws, Lock Washers, and Flat washers.
9. Place the Airaid Air Box/Inlet assembly into the inner fender area of the vehicle as shown.
10. Align the mounting holes in the Inlet with the core support holes and secure it using the new, Airaid-supplied, Plastic Rivets.
11. Align the mounting holes in the Inlet with the core support holes and secure it using the new, Airaid-supplied, Plastic Rivets.
12. Carefully insert the 1/2 and 13/16 Grommets into the Airaid Intake Tube as shown.
13. Gently insert the Aluminum Breather Fittings into the Grommets.
Hint: Soapy water makes for a good Grommet lube.
14. Slide the Reducing Coupler and Clamps onto the throttle body as shown. The Small end will use the #56 Clamp and the Large end is to use the #64 Clamp.

COMPONENT IDENTIFICATION



Description

Qty.

Part #

Qty.

Part #

Description

Description

Qty.

Part #

1. AIR FILTER	1	724/725-293	11. CLAMP; #64	1	KITHS64	2 1.	GROMMET; 1/2" ID, .75GD	1	KITGRMT03
2. AIRBOX; COLD	1	KIT338CABAA	12. CLAMP; #72	2	KITHS72	2 2.	GROMMET; 5/8" BLK RUBBER	1	KITGRMT20
3. INLET	1	KIT338INLETA	13. FITTING; HOSE CONNECTOR	1	KITFITTING05	2 3.	SPACER; 382" ID X 5/8" OD	1	KITSPACER09
4. TUBE; INTAKE	1	KIT293A	14. FITTING; 217 ALUMINUM	1	KITFITTING15	2 4.	CLIP; RETAINER	2	KITRETCLIP02
5. LID	1	KIT338LID-1	15. SCREW; 1/4-20 X 1/2"	7	KIT15DHC3050	2 5.	DECAL; DOME OVAL	1	KITSTICKER53
6. GASKET	1	KIT338G	16. WASHER; 1/4" ID X 5/8" OD	3	08275	2 6.	ZIP TIE; 8"	2	1-127
7. HUMP HOSE; 4.25" ID X 3" L	1	KITHUMPHS05EPDM	17. SCREW; 8-32 X 5/8" BTHD	2	KIT15BHC3063	2 7.	HOSE; 5/8" ID X 9" L	1	08691
8. REDUCER; 4" ID X 3.5" ID	1	KITRDCR10	18. WASHER; #8 LOCK SPLIT	2	KIT15LW3016	2 8.	HOSE CLAMP; #10 MINI	2	08411
9. ADAPTER; MAF PLASTIC	1	KIT1121MAFADA	19. WASHER; #8 FLAT	2	KIT15FW3016	2 9.	FITTING; 16-14 MM	1	08526
10. HOSE CLAMP; #56	1	08620	20. GROMMET	1	KITGRMT10	3 0.	FITTING; PCV 90	1	KITFITTING33

Full color instructions can be viewed on our website 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.

INSTALLATION

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. Loosen the intake clamps on the throttle body and the air box outlet.



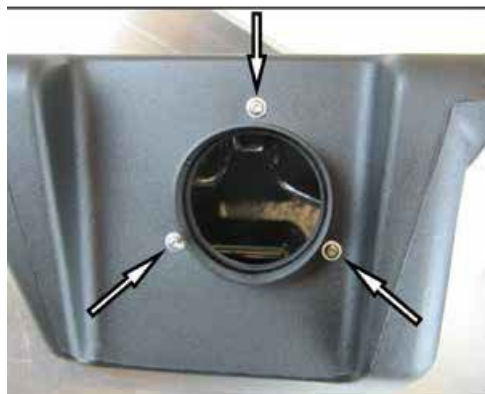
3. Disconnect the two breather lines and remove the intake tube from the vehicle.



4. Using a standard blade screwdriver, gently pry up the center posts of the plastic rivets in the air inlet and remove them.



5. Remove the 8mm fender bolt in the air box and remove the entire air box/scoop assembly from the vehicle.



NOTE: On vehicles equipped with a wiring harness attached to the airbox, be sure to unclip the wiring harness from the air box before removal.

6. Mount the Filter adapter inside of the Airaid Air Box as shown using three sets of the 1/4-20 Button head

Screws and Flat washers.



7. Insert the 5/8" Grommet and Spacer into the opposite side of the Airaid Air Box.



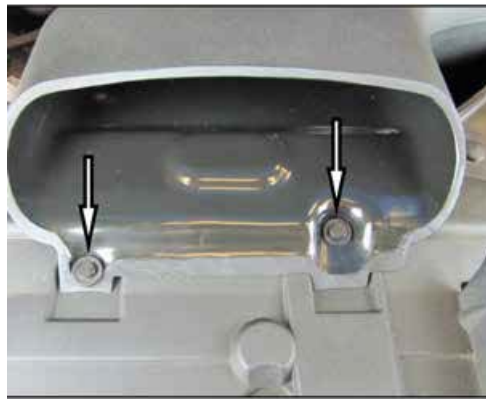
8. Snap the new Air Scoop into the Airaid Air Box as shown.



9. Secure the Scoop to the AirBox using the two sets of 8-32 Button Head Screws, Lock Washers and Flat washers.



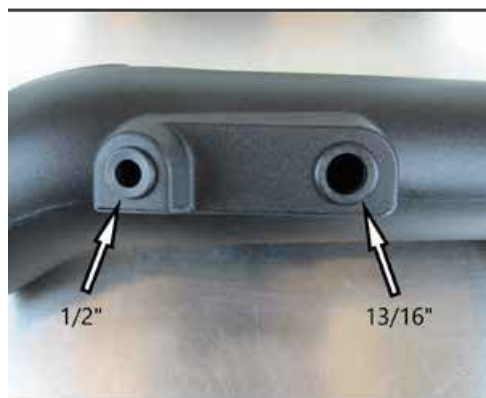
10. Place the Airaid air Box/Inlet assembly into the inner fender area of the vehicle as shown.



11. Align the mounting holes in the Inlet with the core support holes and secure it using the new, Airaid-supplied, Plastic Rivets.



12. Secure the Airaid Air Box to the inner fender using the 8mm bolt removed in step 5.



NOTE: on vehicles that have a wiring harness that was attached to the engine side of the factory air filter housing, find a suitable location (above the tube and below the top of the AIRAID cold air box) and drill two 1/4" id holes. Using the provided mounting tie wraps, secure the wiring harness to the cold air box.

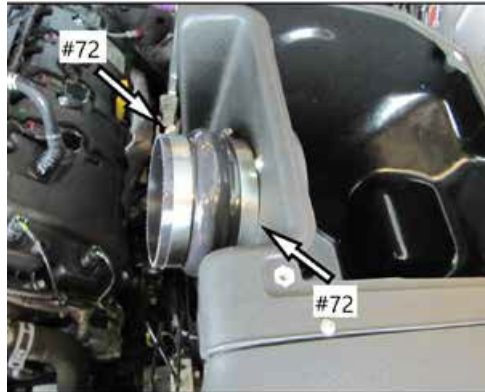
13. Carefully insert the 1/2" and 13/16" Grommets into the Airaid Intake Tube as shown.



14. Gently insert the Aluminum Breather Fittings into the Grommets. Hint: Soapy water makes for a good Grommet lube.



15. Slide the Reducing Coupler and Clamps onto the throttle body as shown. The Small end will use the #56 Clamp and the Large end is to use the #64 Clamp.



16. Slide the Hump Hose and #72 Clamps onto the Filter adapter, as shown.



NOTE: On vehicles that were equipped with a wiring harness attached to the factory airbox, secure the harness with the provided tie wraps.

17. Insert the Airaid Intake Tube into the throttle body coupler, then into the Airbox Hump Hose. Rotate the Tube forwards and backwards until proper alignment is achieved and tighten all four Clamps. Apply the Airaid Decal onto the Tube as shown.



18. Reconnect the breather lines to the Aluminum Fittings in the Intake Tube. When properly installed a distinct “

Click” will be heard.

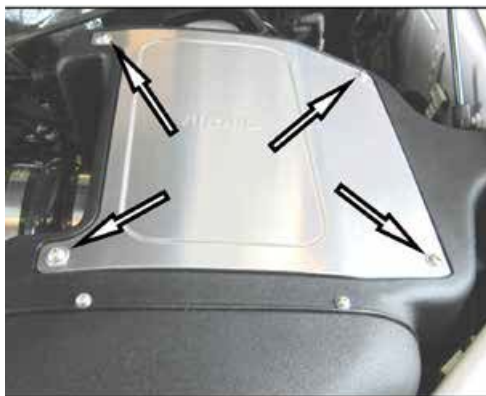


NOTE: On some later models it may be necessary to assemble the crankcase vent hose assembly with the provided parts and install due to the manufacturer changing the position on the valve cover port. Install the assembly with the 90° fitting attached to the valve cover port.

19. Install the Airaid Premium Filter onto the Filter Adapter and tighten the clamp.



20. Remove the protective film from the top of the Air Box Lid. Prepare the underside for the Lid Gasket by cleaning it using a prep-sol or equivalent. Carefully apply the self-adhesive Gasket onto the Lid as shown.



21. Mount the Lid onto the Air Box using the remaining Button Head Screws.
22. 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



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

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.

Airaid. 1455 Citrus St., P.O. Box 1329, Riverside, CA. 92502 1-800-498-6951 AiraidInfo@airaid.com
www.airaid.com

Documents / Resources

	<p>Airaid 404-293 Oiled Media Filter SynthaMax Dry Media Filter [pdf] Instruction Manual 404-293 Oiled Media Filter SynthaMax Dry Media Filter, 404-293, Oiled Media Filter SynthaMax Dry Media Filter, SynthaMax Dry Media Filter, Dry Media Filter, Media Filter</p>
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References

- [Cool Air Intake Systems & Replacement Air Filters | Airaid](#)

-  [Cool Air Intake Systems & Replacement Air Filters | Airaid](#)

[Manuals+](#).