



Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS

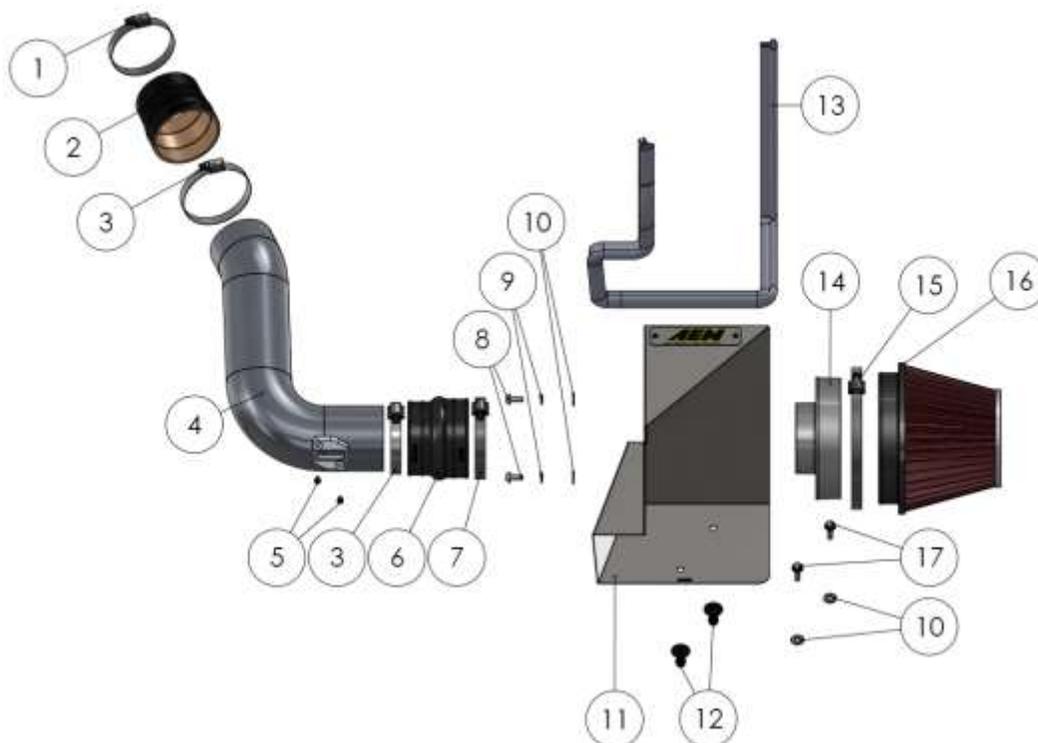
PART NUMBER

21-756C (Gun Metal Gray Finish)

2012	FORD	EXPLORER	2.0L	TURBO
2013	FORD	EXPLORER	2.0L	TURBO
2014	FORD	EXPLORER	2.0L	TURBO
2015	FORD	EXPLORER	2.0L	TURBO

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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	9444	HOSE CLAMP, 2.31-3.25"	1
2	5-320	HOSE; ADAPTER 3.00/3.25 X 3" BLK	1
3	9448	1/2" BNDHOSE CLAMP, 2.56"-3.50"	2
4	2-1537C	INTAKE TUBE; 3.25"OD X 17"L, 21-756	1
5	07733	BOLT; M4 - 0.07 8MM, A/H CAP, SS	2
6	08657	HOSE; HUMP; 3.25 ID- 3.5 ID; BLK	1
7	9456	1/2" BNDHOSE CLAMP, 3.15"-4.00"	1
8	07730	BOLT; M6 X 1.00 X 16MM , BUTTON	2
9	08198	WASHER; 1/4" LOCK, ZN	2
10	08275	WASHER; 1/4"ID X 5/8"OD - SAE	4
11	20-8533B	HEAT SHIELD; 21-756, MILD STL	1
12	8-186	MOUNT, PLASTIC AIRBOX	2
13	102499	EDGE TRIM; 3/4"BULB, TOP LOC., 42"L	1
14	21512-1	ADAPTER; UNIVERSAL, 6" FILTER	1
15	94104	1/2" BNDHOSE CLAMP, 4.125-7.00"	1
16	21-210EDK	AIR FILTER; 6" X 6" DRYFLOW	1
17	1-2110	BOLT; HEX/FLANGE M6-1.0 X 12	2



Read and understand these instructions **BEFORE** attempting to install this product. Failure to follow installation instructions and not using the provided hardware may damage the intake tube, throttle body and engine.

1. Preparing Vehicle

- a. Make sure vehicle is parked on level surface.
- b. Set the parking brake.
- c. If engine has run in the past two hours, let it cool down.
- d. Disconnect negative battery terminal.
- e. Do not discard stock components after removal of the factory system.
- f. Open the air intake kit package and make sure all parts are included.

Tools Needed:

- 2 Small Flat-Head Screw Driver
- 7 & 8MM socket
- T20 Torque
- Socket Driver

2. Removal of stock system



a. Slide the red locking tab and detach the electrical connector from the sensor.



b. Loosen the hose clamp at the turbo inlet pipe.



c. Remove the two bolts securing the air scoop to the vehicle. The scoop will be reinstalled in step 3a.



d. Remove the complete air intake assembly from the vehicle. NOTE: DO NOT DISCARD ANY OF YOUR STOCK EQUIPEMNT.



e. Remove the two sensor screws and the sensor. The sensor will be reused in step 3b.



f. Remove the bolt that secures the air scoop to the lower air box. The bolt will not be reused.



g. Unclip the latches to separate the upper and lower air box. Insert two small flat head screwdrivers as shown into the scoop and lightly put pressure to release the clip securing the scoop to the lower air box. NOTE: The picture in the lower right hand corner shows the screwdrivers inserted on both side of the clip.



h. Separate the lower air box from the air scoop.

3. Installation of AEM® intake system.

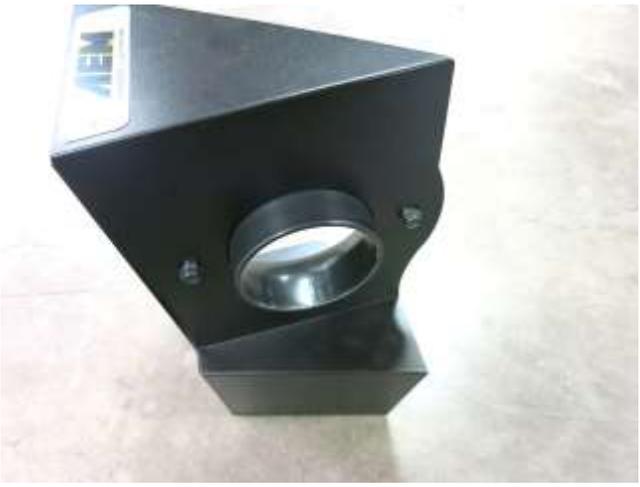
a. When installing the intake system, do not completely tighten the hose clamps or mounting hardware until instructed to do so.



a. Install the scoop back into the vehicle and secure with the bolts that were removed in step 2c.



b. Install the sensor that was removed in step 2e and secure in the AEM intake tube with the provided hardware.



d. Install the filter adapter onto the heat shield with the provided hardware.



d. Install the provided edge trim onto the heat shield, cutting to fit as shown.



e. Install the plastic mounts with the provided hardware as shown.



f. Install the provided coupler onto the heat shield air filter adapter. Tighten the hose clamp closest to the heat shield at this time.



g. Insert the AEM air filter onto the filter adapter and secure with the hose clamp at this time.



h. Slide the hose onto the turbo inlet pipe with the hose clamps and tighten the one closest to the pipe.



i. Install the complete heat shield assembly into the vehicle sliding the lower portion of the heat shield under the scoop and aligning the plastic mounts in the grommets.



j. Slide the AEM intake tube into the coupler. Do not tighten the hose clamp at this time.



k. Slide the other end into the previously installed coupler on the inlet tube. Secure both hose clamps now once proper tube alignment has been achieved.



l. Plug the sensor connector back into the sensor and slide the red locking tab in that was removed in step 2a.



STOCK INTAKE INSTALLED



AEM INTAKE INSTALLED

4. Reassemble Vehicle

- a. Position the inlet pipes for the best fitment. Be sure that the pipes or any other components do not contact any part of the vehicle.
- b. Check for proper hood clearance. Re-adjust pipes if necessary and re-tighten them.
- c. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- d. Reconnect negative battery terminal and start engine. Let the vehicle idle for 3 minutes. Perform a final inspection before driving the vehicle.

5. Service and Maintenance

- a. AEM Induction Systems requires cleaning the intake system's air filter element every 100,000 miles. When used in dusty or off-road environments, our filters will require cleaning more often. We recommend that you visually inspect your filter once every 25,000 miles to determine if the screen is still visible. When the screen is no longer visible some place on the filter element, it is time to clean it. To clean, purchase our Synthetic air filter cleaner, part number 1-1000 and follow the easy instructions.
- b. Use window cleaner to clean your powder coated AEM[®] intake tube.

NOTE: DO NOT USE aluminum polish on powder coated AEM[®] intake tubes.

For technical inquiries
e-mail us at
sales@aemintakes.com
or
call us at
800.992.3000

AEM Air Intake System Warranty Policy

AEM[®] warrants that its intake systems will last for the life of your vehicle. AEM[®] will not honor this warranty due to mechanical damage (i.e. improper installation or fitment), damage from misuse, accidents or flying debris. AEM[®] will not warrant its powder coating if the finish has been cleaned with a hydrocarbon-based solvent. The powder coating should only be cleaned with a mild soap and water solution. Proof of purchase of both the vehicle and AEM[®] intake system is required for redemption of a warranty claim.

This warranty is limited to the repair or replacement of the AEM[®] part. In no event shall this warranty exceed the original purchase price of the AEM[®] part nor shall AEM[®] be responsible for special, incidental or consequential damages or cost incurred due to the failure of this product. Warranty claims to AEM[®] must be transportation prepaid and accompanied with dated proof of purchase. This warranty applies only to the original purchaser of product and is nontransferable. Improper use or installation, use for racing, accident, abuse, unauthorized repairs or alterations voids this warranty. AEM[®] disclaims any liability for consequential damages due to breach of any written or implied warranty on all products manufactured by AEM[®]. Warranty returns will only be accepted by AEM[®] when accompanied by a valid Return Merchandise Authorization (RMA) number. Credit for defective products will be issued pending inspection. Product must be received by AEM[®] within 30 days of the date RMA is issued.

If you have a warranty issue, please call (800) 992-3000 and our customer service department will assist you. A proof of purchase is required for all AEM[®] warranty claims.

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