



Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS

PART NUMBER

21-767C (Gun Metal Gray Finish)

2015-17

FORD

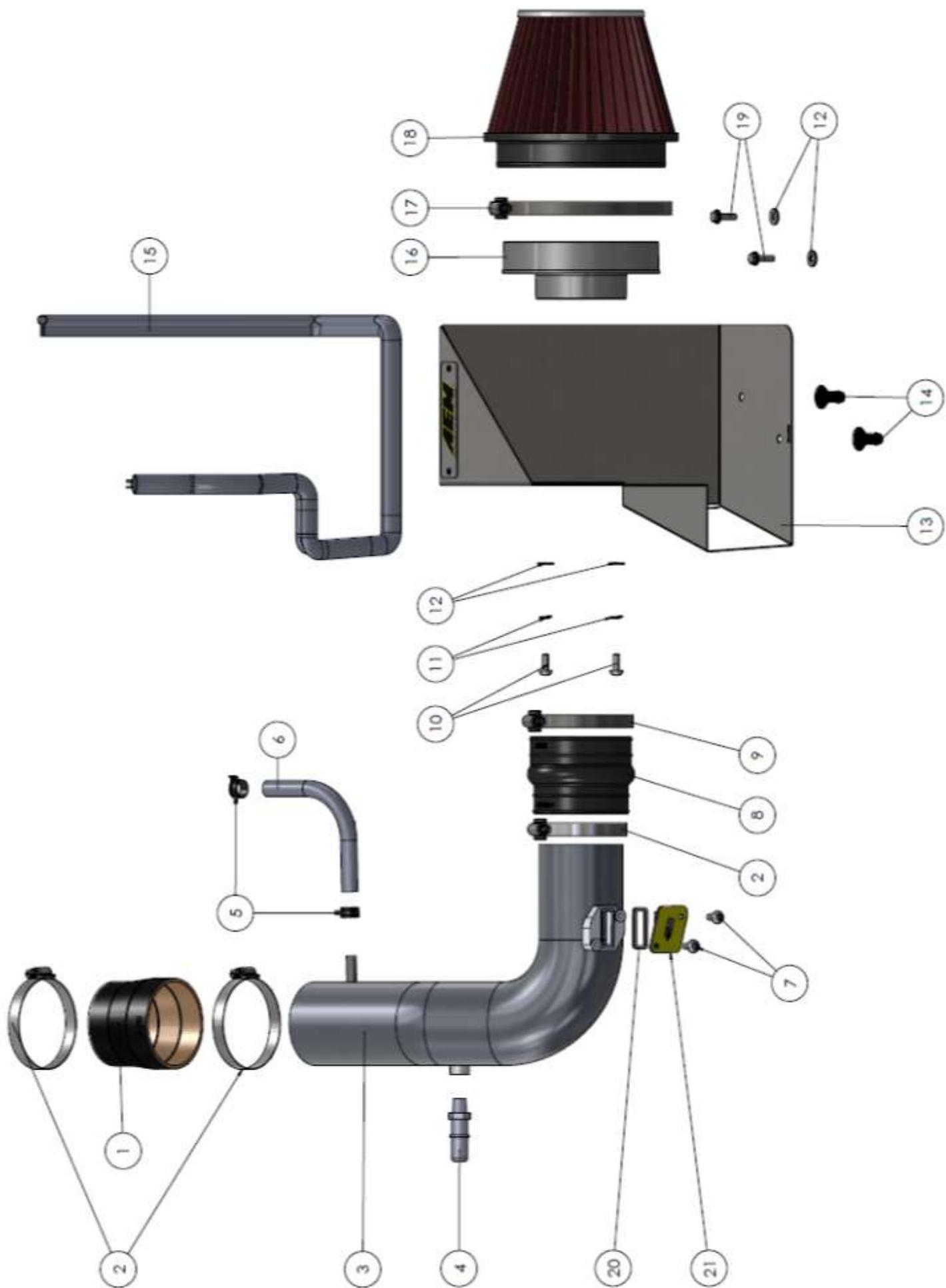
EXPLORER

3.5L V6 NA

Not legal for sale or use on any pollution controlled motor vehicle in California or states adopting California emission procedures. See AEMIntakes.com for CARB status on each part for a specific vehicle.

PARTS LIST

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	5-320	HOSE; ADAPTER 3.00/3.25 X 3" BLK	1
2	9448	1/2" BNDHOSE CLAMP,2.56"-3.50"	3
3	2-1549C	INTAKE TUBE; 3.25"OD X 17"L, 21-756	1
4	082628	VENT; 1/4 NPT TO QUICK DISCONNECT	1
5	08552	HOSE CLAMP; SPRING BAND 17MM	2
6	5-1008	HOSE; 3/8"ID X 8"L	1
7	07733	BOLT; M4 - 0.07 8MM, A/H CAP, SS	2
8	08657	HOSE; HUMP;3.25 ID- 3.5 ID; BLK	1
9	9456	1/2" BNDHOSE CLAMP,3.15"-4.00"	1
10	07730	BOLT; M6 X 1.00 X 16MM , BUTTON	2
11	08198	WASHER; 1/4" LOCK, ZN	2
12	08275	WASHER; 1/4"ID X 5/8"OD - SAE	4
13	20-8533B	HEAT SHIELD; 21-756, MILD STL	1
14	8-186-1	MOUNT, PLASTIC AIRBOX	2
15	102499	EDGE TRIM; 3/4"BULB,TOP LOC.,42"L	1
16	21512-1	ADAPTER; UNIVERSAL, 6" FILTER	1
17	94104	1/2" BNDHOSE CLAMP,4.125-7.00"	1
18	21-210EDK	AIR FILTER; 6" X 6" DRYFLOW	1
19	1-2110	BOLT; HEX/FLANGE M6-1.0 X 12	2
20	09076	GASKET; MASS AIR SENSOR	1
21	21508	BLOCK OFF PLATE; MASS AIR SENSOR	1



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. If you need any assistance please call 1-800-858-3333 to speak with a representative in our Customer Service Center before returning the product.

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:

Flat head Screwdriver x 2

8 & 10 mm socket

T15 Torx

4mm allen wrench

Pliers

Knife

2. Removal of stock system



a. Loosen the hose clamp at the throttle body and disconnect the stock intake tube from the throttle body.



b. Remove the vent hose from the "T" circled.



c. slide the gray tab on the vent line and disconnect it from the stock intake tube.



d. Slide the red locking tab back and depress the clip on the sensor connector to disconnect it from the sensor.

Note: Some models do not have this sensor. See step 3b.



e. Pull the push in plastic connector from the upper air box.



f. Remove the two bolts securing the stock air scoop to the vehicle. This and the bolts will be reused in step 3a.



g. Loosen the hose clamp at the air box, and remove the stock intake tube from the vehicle.



h. Unlatch the clips that secure the upper air box to the lower air box.



i. Remove the stock air filter and the lower air box from the vehicle. Note: Do not discard any of your stock equipment.



j. Remove the bolt that helps secure the stock air scoop to the lower air box.



k. 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.



l. Remove the two T15 Torx. bolts that secure the sensor to the upper air box. Note: the sensor will be reused in step 3b. **Note: Some models do not have this sensor. See step 3b.**

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 2f.



b. Install the sensor that was removed in step 2l and secure in the AEM intake tube with the provided hardware. **Note: Some models do not have this sensor. Use included block-off plate and gasket in place of sensor in these applications.**



c. 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 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. Install the provided fitting into the AEM intake tube by hand tightening and then torque a quarter turn with a wrench.



i. Install the provided coupler and hose clamps onto the throttle body. Tighten the hose clamp closest to the throttle body at this time.



k. Slide the AEM intake tube into the coupler via the filter adapter side, then slide it into the coupler at the throttle body side.



m. Reconnect the vent line onto the AEM intake tube.



j. 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 stock grommets.



l. Re-attach the sensor connector to the sensor on the AEM intake tube and secure with the red locking tab.
Note: Some models do not have this sensor. See step 3b.



n. Connect the provided vent line onto the "T" and AEM tube and secure with the provided spring clamps.



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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