



Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS

PART NUMBER

21-768C (Gun Metal Gray Finish)

2013-2015

FORD

FUSION

1.6L Turbo

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.

| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-------------|---------------------------------------|------|
| 1 | 2-1548C | INTAKE TUBE; 2.75"OD X 43.25", 21-768 | 1 |
| 2 | 9444 | HOSE CLAMP, 2.31-3.25" | 3 |
| 3 | 5-1067 | HOSE; HUMP 2.50/2.75 X 3.00" EPDM | 1 |
| 4 | 784645 | GROMMET, PCV 3/4"ID 1-3/8"OD | 1 |
| 5 | 8-139 | CONNECTOR, PLASTIC 3/4" 90DEG | 1 |
| 6 | 08557 | HOSE CLAMP; SPRING BAND 28MM | 1 |
| 7 | 1228560 | MOUNT, RUBBER 1" X 8MM | 1 |
| 8 | 08938 | VENT; STRT, 1/4" NPT TO QUICK | 1 |
| 9 | 559960 | WASHER, 8MM SOFT MOUNT | 1 |
| 10 | 444.460.08 | NUT; M8 HEX SERRATED | 1 |
| 11 | 102471 | EDGE TRIM; 3/4 BULB, TOP LOC, 35"L | 1 |
| 12 | 073140 | HEAT SHIELD; MILD STL, TB/PC | 1 |
| 13 | 22208 | BOLT; M5-0.8 X 20MM, BUTTONHEAD | 1 |
| 14 | 08212 | WASHER; 5MM FLAT, SS | 1 |
| 15 | 07724 | WASHER; 5MM INTERNAL STAR CUT | 1 |
| 16 | 21-2025DK | AIR FILTER; 2-3/4 X 5 ANGLED FLANGE | 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.

Tools Needed:

- Screw driver
- 7,10,12,13 MM socket
- Socket Driver
- Side Cutters
- 3mm Allan
- E5 Torx Socket
- Pliers

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.

2. Removal of stock system



a. Remove the engine cover by pulling it up and out of the vehicle.



b. Disconnect the electrical connector, the two wiring harness connectors, and the vent tube on the stock intake.



c. Unlatch the two clips that secure the upper to the lower air box.



d. Unclip the vent line from the stock intake.



e. Loosen the hose clamp circled and remove the stock intake tube with the upper air box.



f. Squeeze to release the vent connector from the stock intake tube that leads to the turbo.



g. Loosen and remove the engine cover stand and the nut that are circled. The engine cover stand will be reinstalled in step 3r.



h. Loosen the hose clamp at the turbo compressor and remove the stock intake tube from the vehicle. Note: Do not discard any of your stock equipment.



i. Using a pair of side cutters, cut the metal band that secures the fitting to the vent hose. Then, remove the fitting from the hose. The fitting will not be reused.



j. Using a E5 TORX socket remove the bolt securing the electrical sensor to the upper air box. This will be reused in step 3c.

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 provided vent fitting into the AEM intake tube as shown.



b. Install the provided grommet and 90° vent fitting into the AEM intake tube.



c. Install the electrical sensor that was removed in step 2j. into the AEM intake tube and secure with the provided hardware.



d. Install the rubber mounted stud onto the engine as shown.



e. Install the edge trim onto the heat shield as shown.



f. Place the assembled heat shield into the vehicles lower air box and secure with the clips that were unlatched in step 2c.



g. Place the two provided hose clamps onto the hump hose. Do not tighten them at this time.



h. Install the hump hose onto the turbo compressor and tighten the clamp closest to the turbo at this time.



i. Install the provided spring clamp onto the vent line as shown.



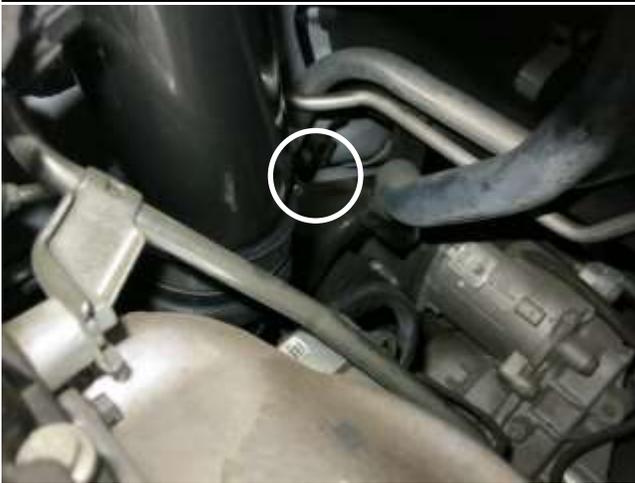
j. With the hose clamp on the filter loosely, lower the filter into the lower air box as shown.



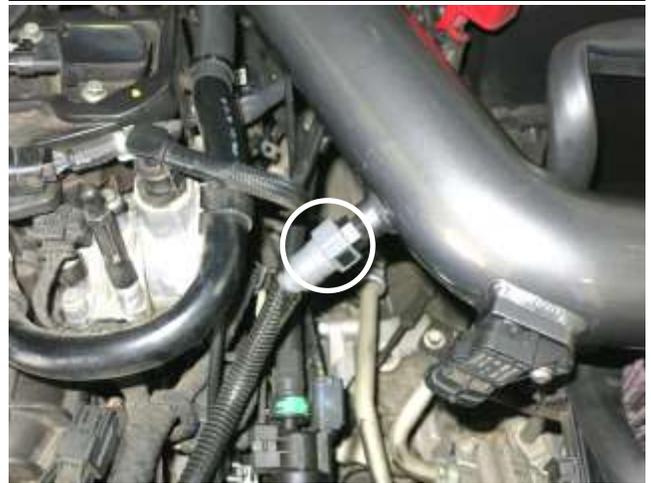
k. Install the AEM intake tube into the vehicle aligning the tube with the hump hose and the bracket to the rubber bushing.



l. Once proper alignment is achieved, install and tighten the provided washer and nut onto the rubber bushing that was previously installed in step 3d.



m. Once proper alignment is achieved, tighten the hose clamp securing the AEM intake tube to the hump hose that was previously installed in step 3h.



n. Reconnect the vent line onto the AEM intake tube that was removed in step 2b.



o. Install the electrical connector back onto the sensor that was removed in step 2b.



p. Attach the filter to the AEM intake tube and secure it with the hose clamp.



q. Slide the vent tube over the 90° fitting and secure with the spring clamp.



r. Install the engine cover stand that was removed in step 2g. and re-install the vehicle engine cover.



STOCK INTAKE SYSTEM INSTALLED.



AEM INTAKE SYSTEM 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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