



Equipped with AEM® Dryflow™ Filter  
No Oil Required!

## INSTALLATION INSTRUCTIONS

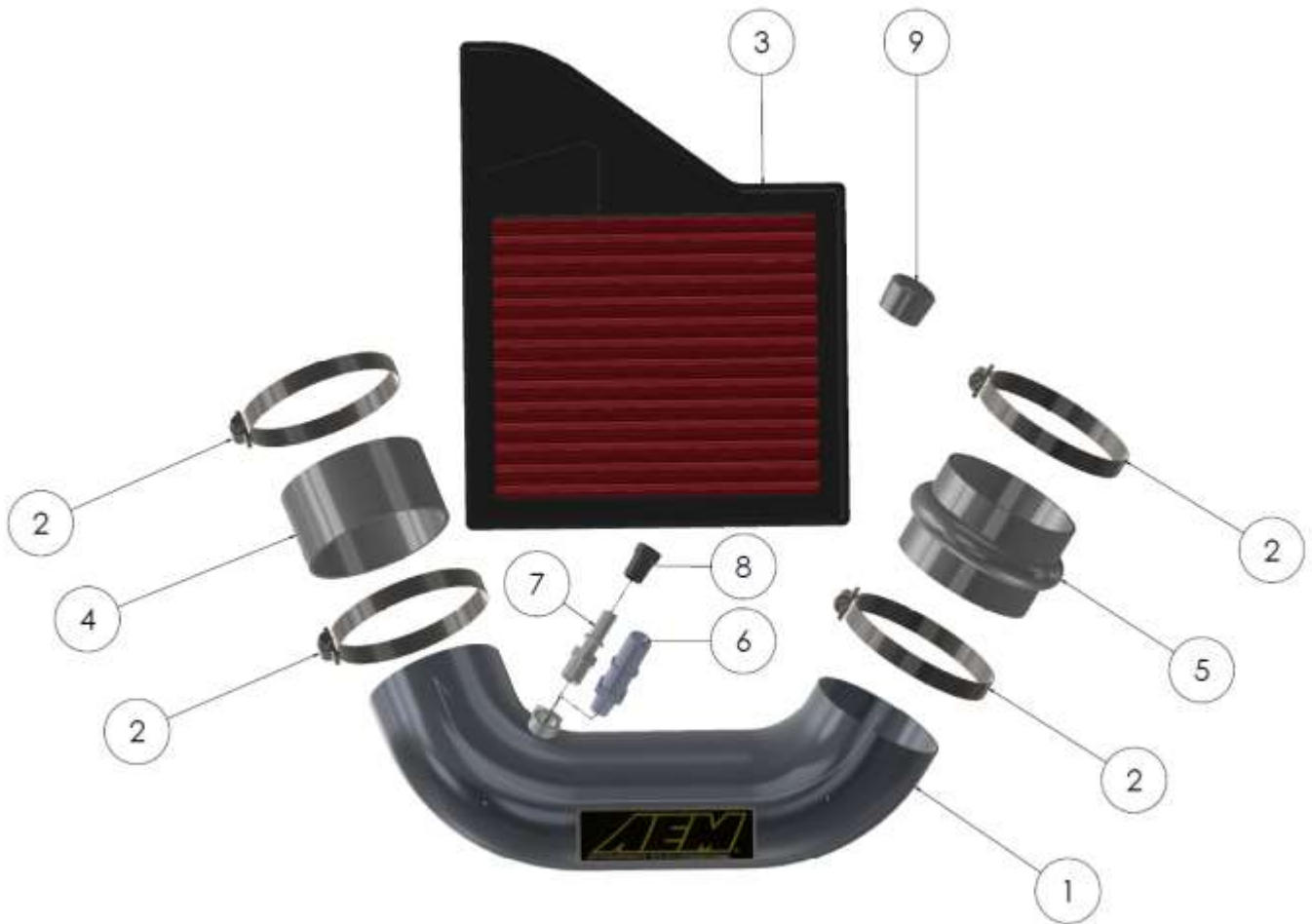
### PART NUMBER: 22-684C (Gun Metal Grey Finish)

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2011	Ford	Mustang	V8-5.0L	C.A.R.B. E.O. # D-670-20
2012	Ford	Mustang	V8-5.0L	C.A.R.B. E.O. # D-670-20
2013	Ford	Mustang	V8-5.0L	C.A.R.B. E.O. # D-670-20
2014	Ford	Mustang	V8-5.0L	C.A.R.B. E.O. # D-670-20

**Intake systems for vehicles listed are 50 state legal. See [AEMIntakes.com](http://AEMIntakes.com) for CARB status on each part for a specific vehicle.**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	2-1459C	INTAKE TUBE; FORD MUSTANG	1
2	9456	1/2" BNDHOSE CLAMP,3.15"-4.00"	4
3	28-20431	Filter; FORD MUSTANG GT 4.6L V8; 2010	1
4	08654	HOSE; 3.50 ID X 2.2; BLACK;	1
5	08699	HOSE; 3-1/2" ID X 2-1/2" L HUMP	1
6	082628	QUICK DISCONNECT W/1/4 NPT	1
7	08938	QUICK RELEASE-1/4"NPT	1
8	08032	PLUG; 1/4 NPT, PLASTIC, BLACK	1
9	08246	CAPLUG; 15/16" ID, 3/4" L, BLK,	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.

## 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

### Tools Needed:

Screwdriver

3/4 Wrench

5/8 Wrench

Pliers

Side Cutters



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



b) Disconnect the engine pulse tube by squeezing the clamp and sliding it off the intake tube. Slide the grey indicator on the valve cover breather hose and detach it from the intake. **Note:** On automatic transmission vehicles, there will be an additional vent line. Depress the yellow tab and slide the line off.



c) Cut the clamp that secures the engine pulse hose to the drum and disconnect the hose from the drum.



d) Loosen the two hose clamps at the air box and throttle body and remove the stock intake tube. **Note:** Do not discard any of your stock equipment.



e) Remove the engine pulse hose from the vehicle. This will not be reinstalled. **Note:** Do not discard any of your stock equipment.



f) Un-clip the hinges on the air box and access the filter.



g) Remove the stock filter from the air box.



h) Remove the engine pulse sound tube rubber clamp from the air box by gently sliding it out of the "C" clip. **Note:** This will not be reused.

### 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 AEM filter into the air box.



b) Re-install the air box lid and reattach the clips that were previously unclipped in 2f.



c) Install the couplers onto the throttle body (08654) and the air box (5-1083) with the provided hose clamps (9456).



d) Screw in the fitting (082628) into the top port. For the bottom port reference your transmission below:  
Manual Transmission— Use the plug(08032).  
Automatic Transmission—Use fitting(08938).  
**Note:** Hand tighten fitting until tight, then add a quarter turn with a wrench.



e) Install the AEM tube with the proper fittings into the couplers. Tighten all four hose clamps at this time.



f) Attach the valve cover breather hose by sliding it over the fitting. On automatic transmissions also attach the second hose removed in 2b) to the lower fitting. **Note:** Make sure you hear it click as it attaches to the fitting.



g) Slide the Caplug (08246) over the engine pulse drum as shown.



h) Reinstall the engine cover onto the vehicle.



Factory air box 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 99-0624 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](mailto: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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