



Equipped with AEM® Dryflow™ Filter  
No Oil Required!

## INSTALLATION INSTRUCTIONS

### PART NUMBER: 21-8105

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1988-1993	FORD Mustang V8-5.0L	MAF Only	C.A.R.B. E.O. # D-670
1987	FORD Mustang V8-5.0L	MAF Only	SEE * NOTE

\* NOTE: Legal in California only for racing vehicles which may never be used upon a highway

## PARTS LIST

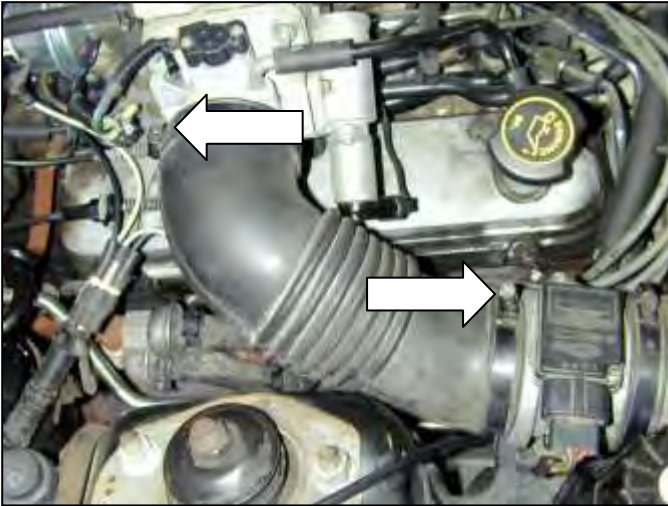
Description	Qty.	Part Number
Air Filter Assy. 3.50 X 9" Dry Ele.	1	21-2049DK
Inlet Pipe	1	2-81051
Hose, Silicone 3.00x2" Black	1	5-302
Hose, Adapter 3.25/3.00 X 2.25"	1	5-323
Mount, Rubber 1" X 8mm Male/Fem.	1	1228559
Bolt, Hex M8-1.25 X 25mm	1	1-2066
Washer, 8mm Soft Mount	2	559960
Nut, M8 Hex Serrated	1	444.460.08
1/2" Bnd. Hose Clamp, 2.90"-3.75"	1	9452
1/2" Bnd. Hose Clamp, 2.56"-3.50"	3	9448
1/2" Bnd. Hose Clamp, 3.15"-4.00"	1	9456

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 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.

### 2. Removal of stock system



a. Loosen the hose clamp on the intake tube at the throttle body and also at the mass airflow sensor (MAF). Remove inlet tube.



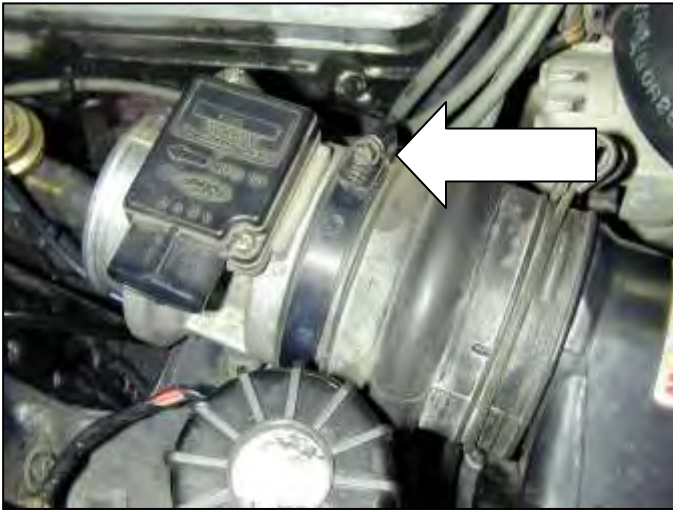
b. Unplug the MAF sensor connector.



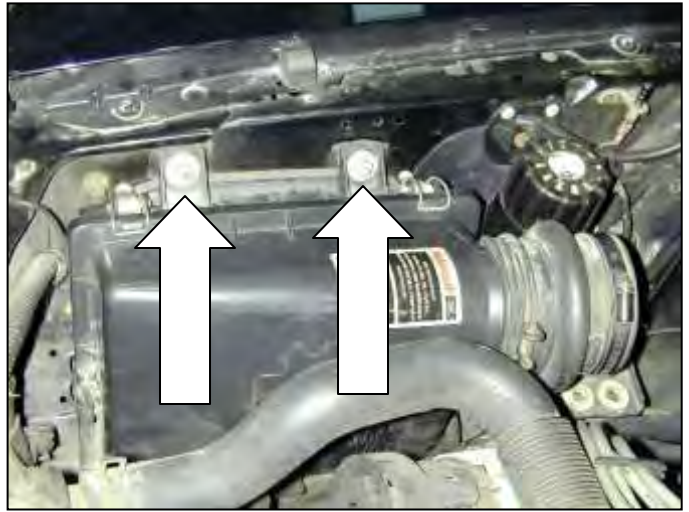
c. Loosen the bolt anchoring the MAF sensor and remove. The bolt head is located underneath the sensor.



d. Loosen the two remaining bolts on the opposite side of the MAF sensor and remove.



e. Loosen hose clamp and remove MAF sensor. Be careful not to damage sensor or screen.



f. Loosen and remove the remaining two nuts on the air box. Remove the air box.

### 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.



b. Attach reducer coupler and hose clamps. Do not completely tighten.



c. Insert M8 bolt into the provided washer.





d. Insert the bolt and washer into the hole in the MAF sensor bracket.



e. Tighten the female end of the rubber mount to the bolt in step 3c.



f. Insert inlet pipe and align with the rubber mount. Secure the inlet pipe onto the rubber mount with provided washer and nylok nut.



g. Attach the coupler to the inlet pipe and secure with hose clamps. Insert the MAF sensor.  
**NOTE: Make note of the MAF sensor's air flow direction.**



h. Reattach the MAF sensor wire harness connector.



i. Attach the air filter element to the MAF sensor and secure. Check for clearance.



Factory air box system installed



AEM® intake system installed

#### 4. Reassemble Vehicle

- a. Ensure there is clearance between the MAF sensor and the alternator.
- b. 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. Tighten the rubber mount, all bolts, and hose clamps.
- c. Check for proper hood clearance. Re-adjust pipes if necessary and re-tighten them.
- d. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- e. Reconnect negative battery terminals and start engine. Let the vehicle idle for 3 minutes. Perform a final inspection before driving the vehicle.

#### 5. CARB Sticker Placement

- a. The C.A.R.B. exemption sticker, (attached), must be visible under the hood so that an emissions inspector can see it when the vehicle is required to be tested for emissions. California requires testing every two years, other states may vary.

## 6. Service and Maintenance

- a. It is recommended that you service your AEM<sup>®</sup> Dryflow™ filter every 20,000 miles for optimum performance. Use AEM Dryflow cleaning kit part # 21-110.
- b. Use aluminum polish to clean your polished AEM<sup>®</sup> intake tube.
- c. Use window cleaner to clean your powder coated AEM<sup>®</sup> 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<sup>®</sup> 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.