



Equipped with AEM® Dryflow™ Filter  
No Oil Required!

## **INSTALLATION INSTRUCTIONS**

### **PART NUMBER: 22-670**

---

2000	BMW	323Ci	L6-2.5L	Non HID Equipped Models	C.A.R.B. E.O. # D-670
2000	BMW	323i	L6-2.5L	Non HID Equipped Models	C.A.R.B. E.O. # D-670
1999	BMW	323i	L6-2.5L	Non HID Equipped Models	C.A.R.B. E.O. # D-670
1999	BMW	323iS	L6-2.5L	Non HID Equipped Models	C.A.R.B. E.O. # D-670

## PARTS LIST

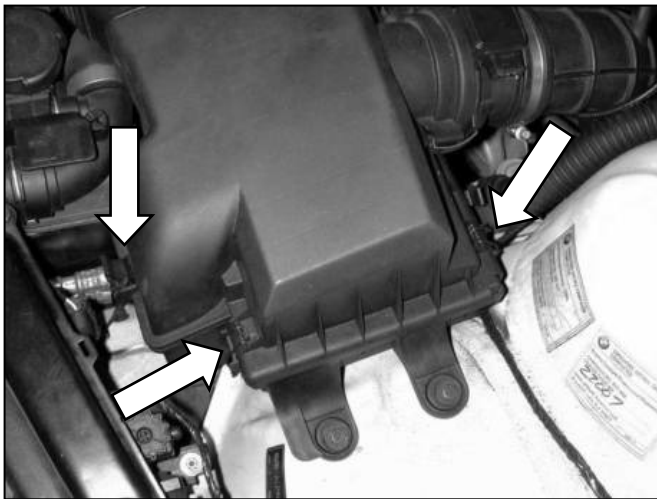
Description	Qty.	Part Number
Air Filter Assy. 3.50 X 5" Dry Ele.	1	21-204DK
Short Pipe	1	2-6701
Heat Shield	1	20-670
Hose, Adapter 3.00/3.50x3 Blk.	1	5-353
Mount, Rubber 1" X 6mm	1	1228599
Zip Tie, 6 Long	1	1-113
Washer, 6mm Soft Mount	3	559999
Nut, M6 Hex Serrated	3	444.460.04
1/2" Bnd. Hose Clamp, 2.90"-3.75"	1	9452
1/2" Bnd. Hose Clamp, 2.56"-3.50"	1	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.

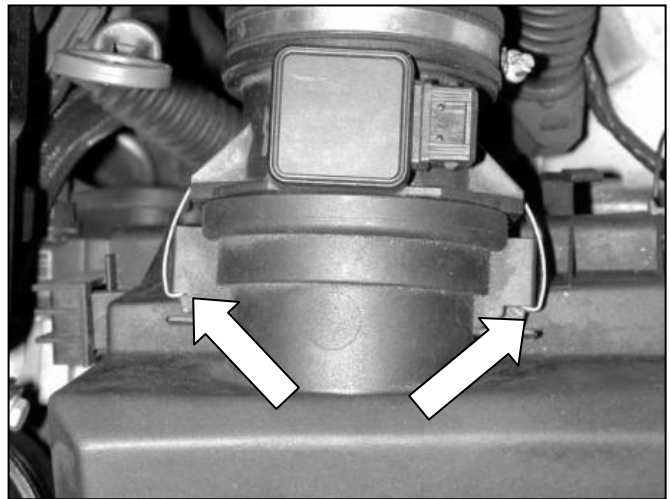
### 1. Preparing Vehicle

- 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.

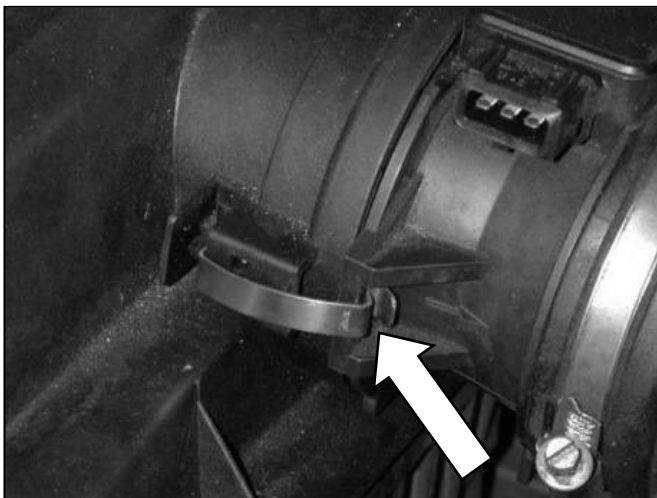
### 2. Removal of stock system



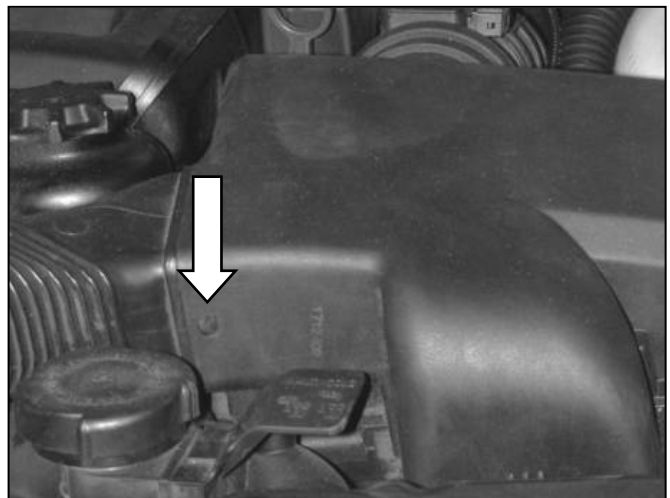
a. Unfasten the 3 clips to the top of the air box.



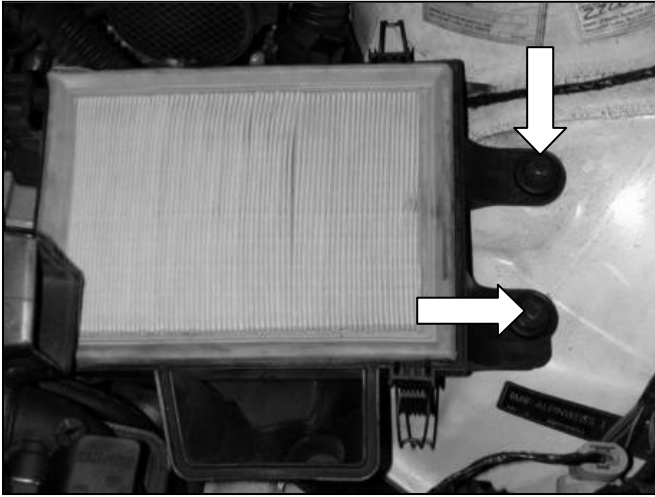
b. Unfasten both clips holding the air box to the MAF sensor.



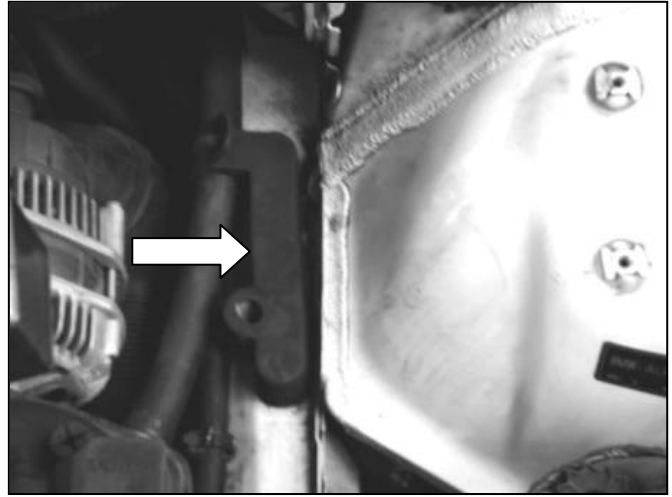
c. There are 2 clips holding the air box to the MAF sensor.



d. Push in tab and remove the top of the air box.



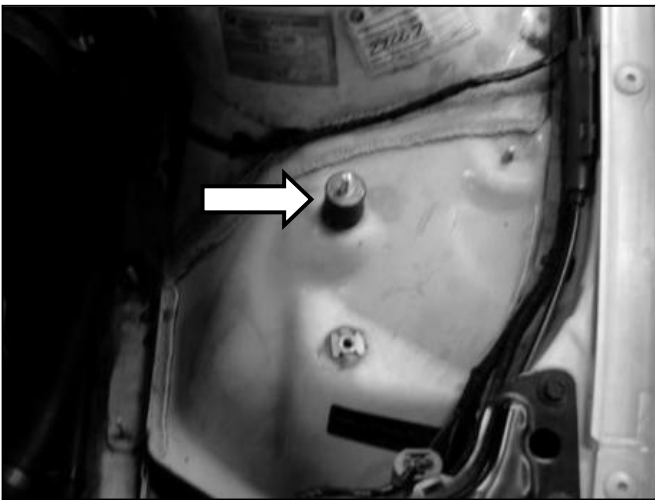
e. Loosen and remove the 2 bolts holding the bottom of the air box. Remove the air filter element and the lower half of the air box.



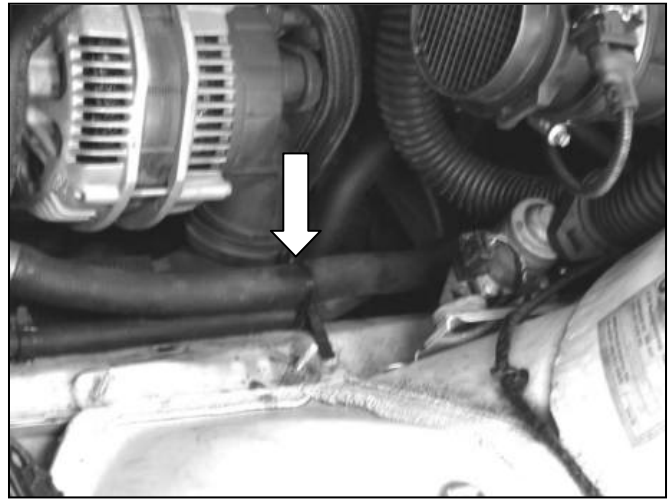
f. Remove the rubber mount.

### 3. Installation of AEM® intake system.

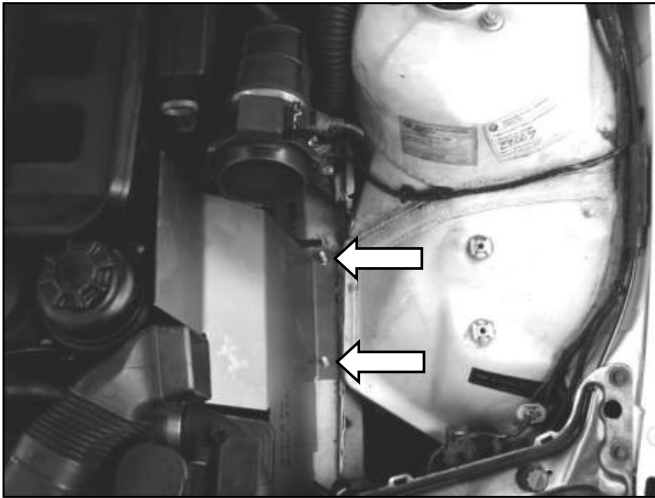
a. When installing the intake system, do not completely tighten the hose clamps or mounting hardware until instructed to do so.



b. Insert the rubber mount as shown.



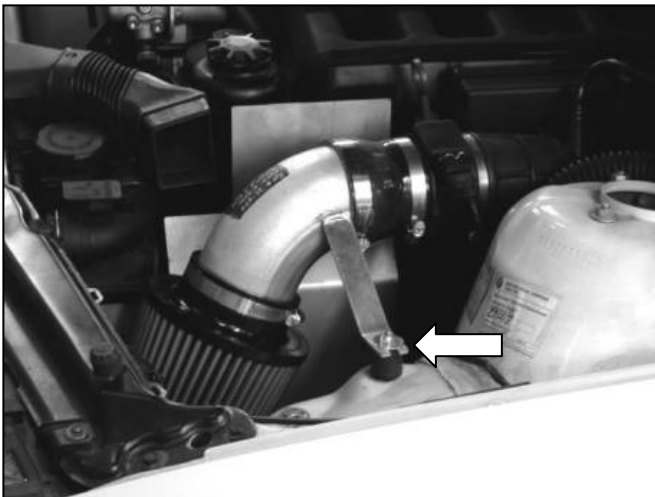
c. Attach the zip tie around both hoses as shown.



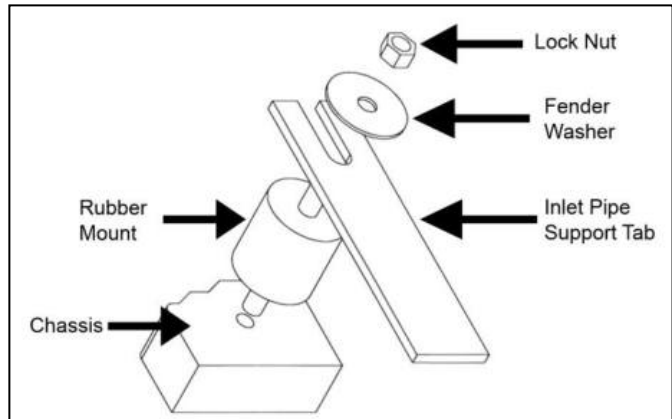
d. Insert the heat shield. Secure with washers and nylock nuts.



e. Attach the coupler and hose clamps to the MAF sensor as shown.



f. Attach the air filter to the inlet pipe. Then attach the assembly to the coupler that was installed on the MAF sensor in step 3e. Align the intake bracket with the rubber mount stud and secure with a washer and nylock nut. Refer to the diagram for proper installation. Ensure the air filter and intake pipe have adequate clearance. Once proper fitment is achieved secure all hardware.



#### 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. Tighten the rubber mount, all bolts, and hose clamps.
- 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 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](mailto: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.