



Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS

PART NUMBER: 21-672

2001-2003	BMW	325Xi	L6-2.5L	C.A.R.B. E.O. # D-670
2001-2003	BMW	325i	L6-2.5L	C.A.R.B. E.O. # D-670
2001-2003	BMW	325Ci	L6-2.5L	C.A.R.B. E.O. # D-670
2000	BMW	328Ci	L6-2.8L	C.A.R.B. E.O. # D-670
1999-2000	BMW	328i	L6-2.8L	C.A.R.B. E.O. # D-670
1999	BMW	328iS	L6-2.8L	C.A.R.B. E.O. # D-670

Excludes 2003 2.5L MY LEV II SULEV 3BMXV02.5M56 model year vehicles

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

PARTS LIST

Description	Qty.	Part Number
Element Parts Kit 3.00 X 5" Dry Ele.	1	21-203DK
Inlet Pipe	1	2-532
Heat Shield	1	20-670
Hose, Silicone 3.00x3" Blk.	1	5-300
Decal, Warning - Water Ingestion	1	10-902
Mount, Rubber 1" X 6mm	1	1228599
Zip Tie, 6 Long	1	1-113
Washer, 6mm Soft Mount	4	559999
Nut, M6 Hex Serrated	4	444.460.04
1/2" Bnd. Hose Clamp, 2.56"-3.50"	2	9448
1/2" Bnd. Hose Clamp, 2.90"-3.75"	1	9452

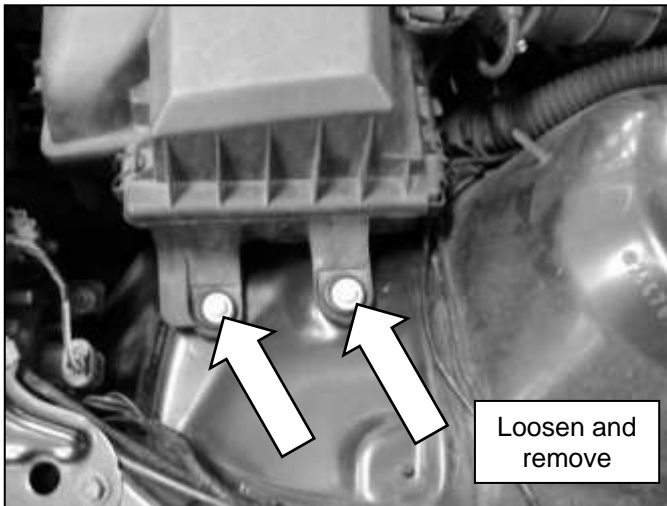
Read and understand these instructions **BEFORE** attempting to install this product. Failure to follow installation instructions and not using the provided hardware may damage the intake tube, throttle body and engine.

The AEM® intake system is a performance product that can be used safely during mild weather conditions. During harsh and inclement weather conditions, you must return your vehicle to stock OEM air box and intake tract configuration. Failure to follow these instructions will void your warranty.

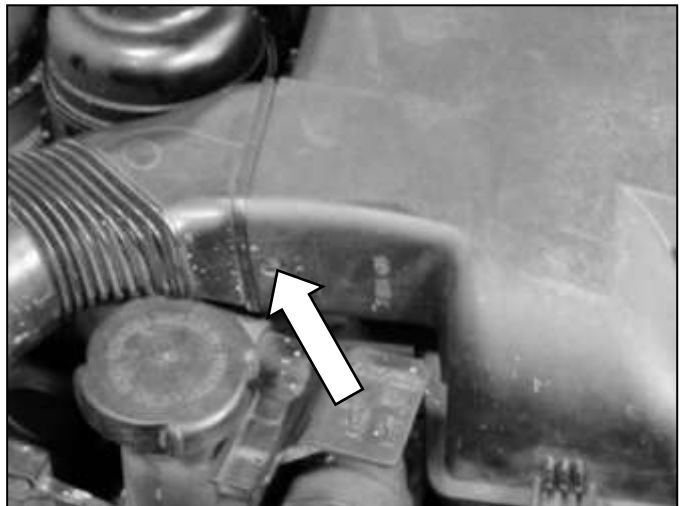
1. Preparing Vehicle

- 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.

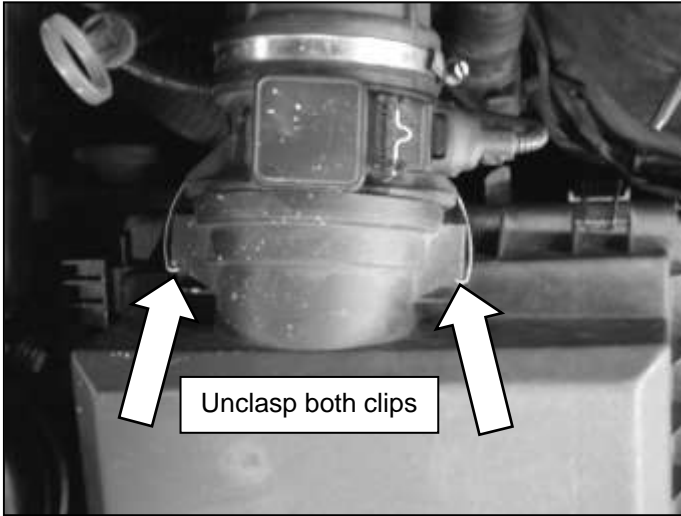
2. Removal of stock system



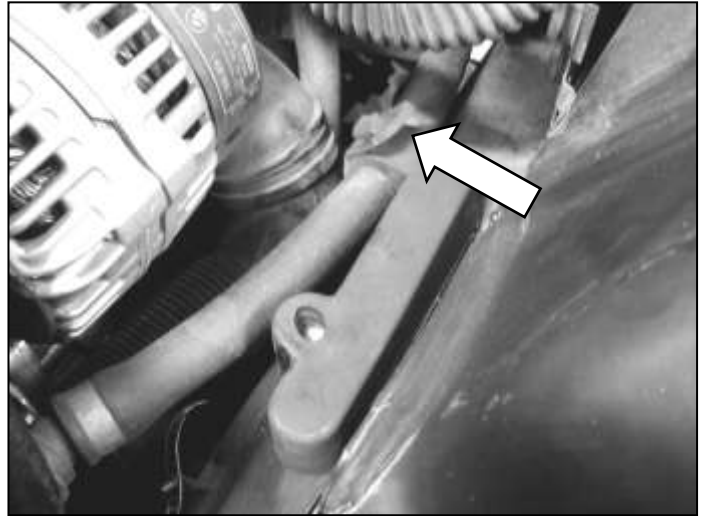
a. Loosen and remove the two bolts holding down the air box.



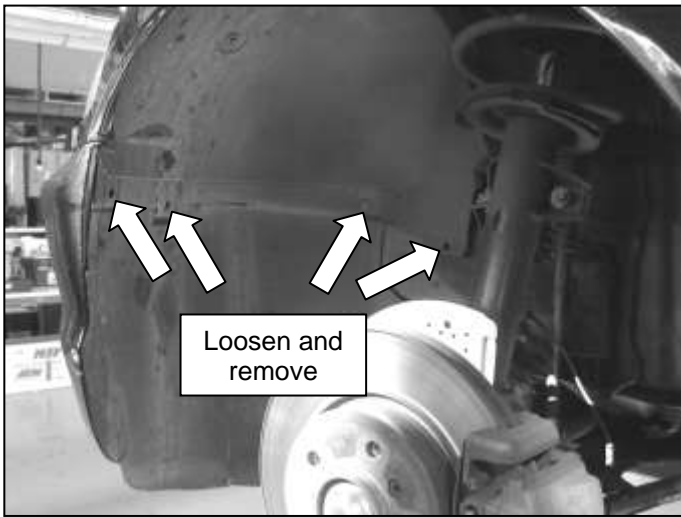
b. Push in the tab to loosen the duct.



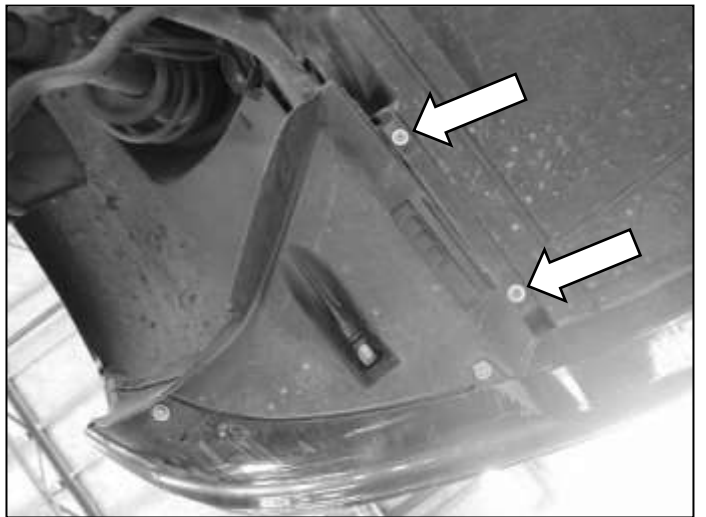
c. There are 2 clips holding the air box to the MAF sensor. Unclasp the metal clips holding the MAF sensor to the air box. Remove the stock air box assembly.



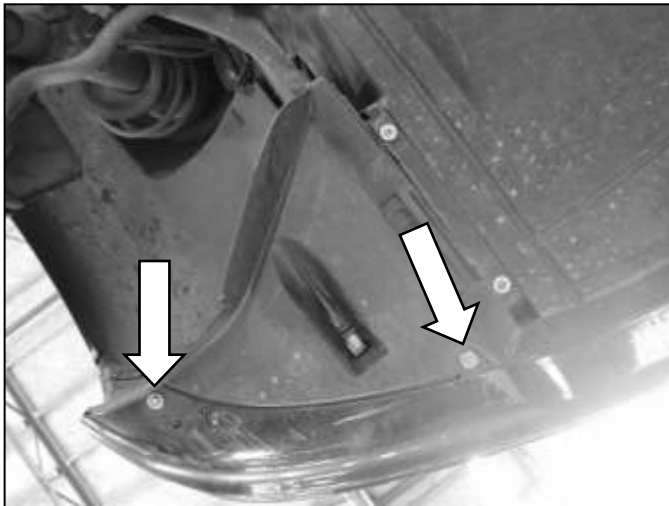
d. Underneath the air box sits a rubber mount. Unclasp the rubber latch and remove the mount.



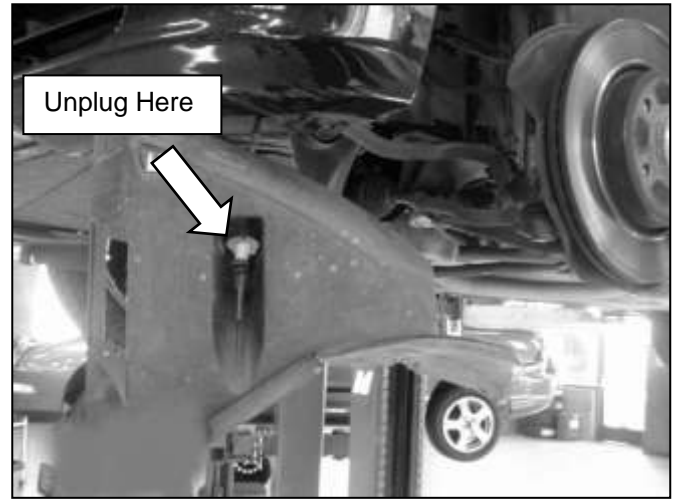
e. Raise the front of the vehicle with a jack. Refer to your owner's manual for proper jack and jack stand placement to properly support vehicle. Support your vehicle using properly rated jack stands before wheel removal or while working under the vehicle.
NEVER WORK UNDER A VEHICLE WITHOUT USING JACK STANDS.
 Remove the driver side front wheel. Remove the 3 screws and 1 tab attached to the lower fender liner.



f. Loosen and remove these 2 screws located underneath the front of the vehicle.



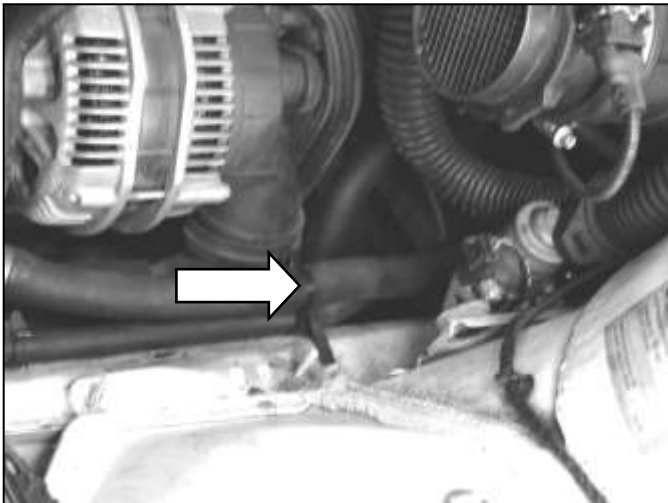
g. Loosen and remove the 2 bolts on the edge of the bumper.



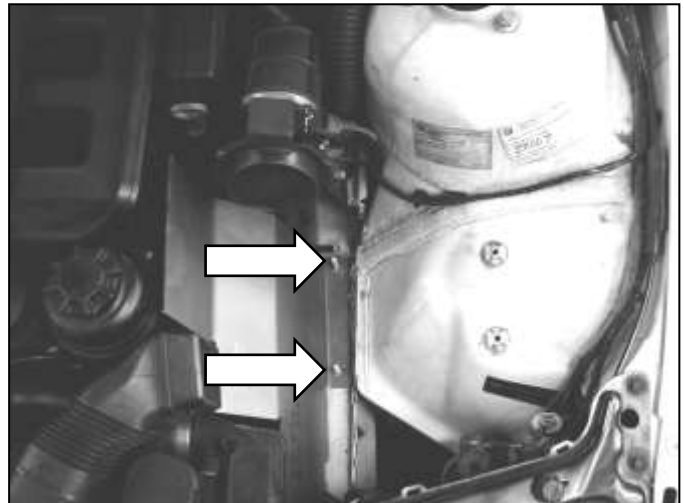
h. Gently pull down the lower splashguard. Unplug the outside temperature sensor. Remove the sensor and splashguard.

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.



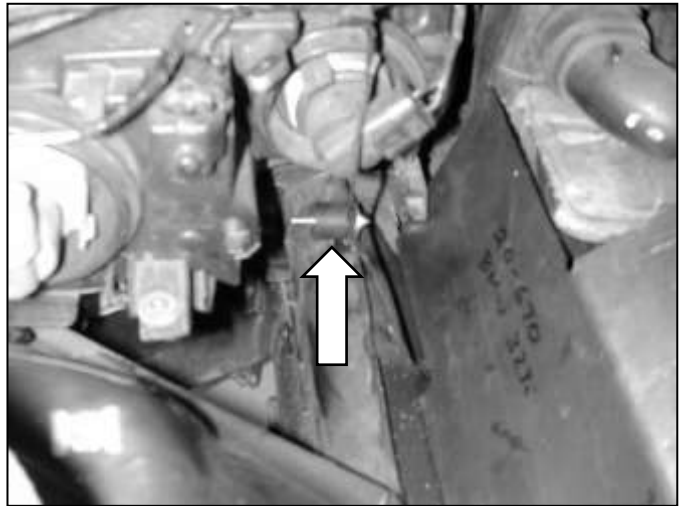
b. Attach the zip tie around both hoses as shown.



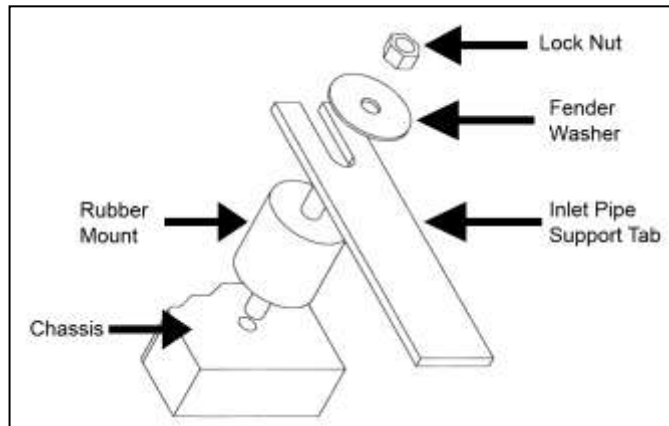
c. Insert the heat shield. Secure with washers and nylok nuts.



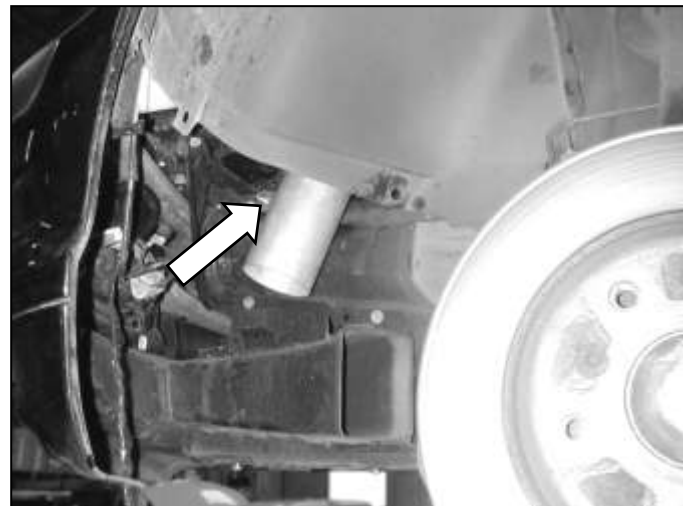
d. Attach coupler with supplied hose clamps.



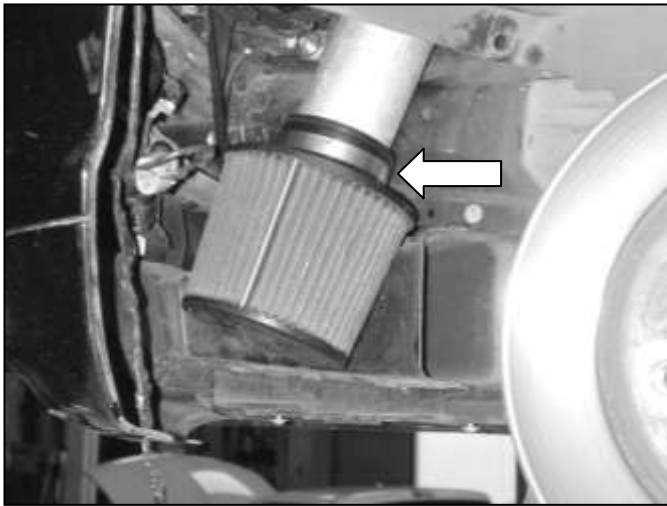
e. Attach rubber mount to open mounting point located underneath the headlight assembly. Refer to diagram below.



f. Insert inlet pipe into the silicon coupler



g. Secure the inlet pipe to the rubber mount.



h. Attach the air filter. Secure with provided hose clamp.

4. Reassemble Vehicle

- a. **Fender liner and splashguard:** Install the fender liner, lower splash guard and any hardware that was removed in steps 2f through 2h.
NOTE: Failure to install the fender liner will result in diminished performance and increase the potential for engine damage due to water ingestion in rainy conditions.
- b. **Outside Temperature Sensor:** Plug in the external air temperature sensor removed in step 2h.
- c. **Wheel:** Install the driver's side wheel using the factory torque specification (see owner's manual).
- d. 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.
- e. Check for proper hood clearance. Re-adjust pipes if necessary and re-tighten them.
- f. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- g. 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[®] 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[®] intake tube.
- c. 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.