



Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS

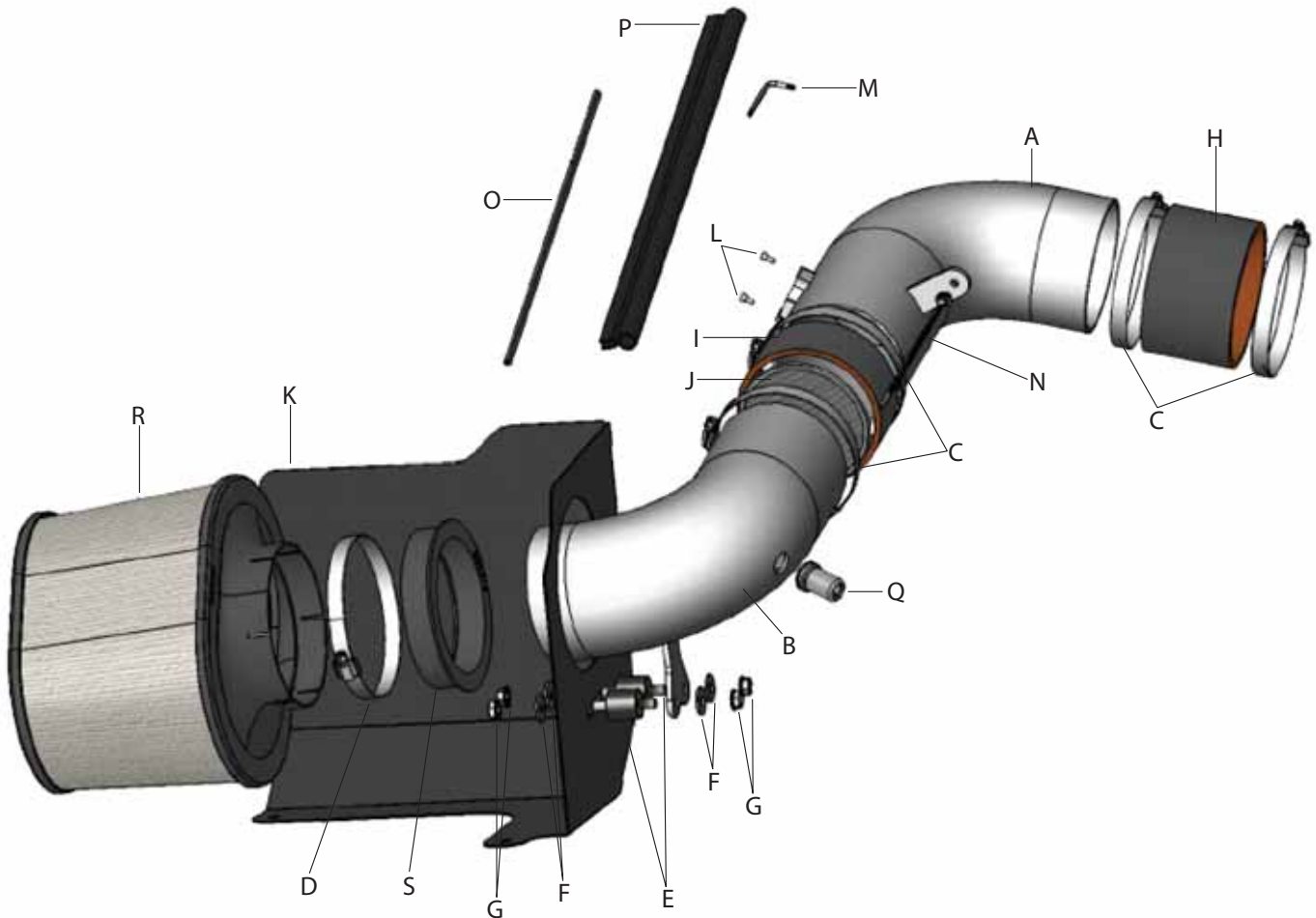
PART NUMBER:21-9025

2009	CHEVROLET Silverado 2500HD / 3500HD V8 6.6L DSL	SEE * NOTE
2009	GMC Sierra 2500HD / 3500HD V8 6.6L DSL	SEE * NOTE
2007-2008	CHEVROLET Silverado 2500HD / 3500HD V8 6.6L DSL	C.A.R.B. E.O. # D-670
2007-2008	GMC Sierra 2500HD / 3500HD V8 6.6L DSL	C.A.R.B. E.O. # D-670

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

PARTS LIST

Description	Qty	Part Number
A Upper pipe	1	2-80251
B Lower Pipe	1	2-80252
C Hose Clamp,4.00-5.00"	4	103-BLO-7220N
D Hose Clamp,4.75-5.50"	1	103-BLO-8020N
E Mount,Rubber 1" x 8mm	2	1228560
F Washer, 8mm Soft Mount	4	559960
G Nut, M8 Hex Serrated	4	444.460.08
H Hose,Silicone 4.5"x3" Black	1	5-450
I Hose,Silicone 4.5"x2" Black	1	5-452
J Insert, Screen Mesh 4.5" OD	1	6-414
K Heat Shield	1	20-8025
L Bolt, Socket M4-.7 x 8mm	2	1-2105
M Wrench; Torx T20 T/r, L-Key	1	69801
N Zip Tie,8" Tree Push-Mnt.	1	1-127
O Rubber edge Trim 20"	1	8-3020
P Edge Trim, 24"	1	8-4024
Q Adapter, Filter Minder Gauge	1	8-164
R Air Filter Assy. 5.00 x 7" DSL Oval Dry	1	21-2277DK
S Insert, Diesel A/F Assy. 4.5"	1	5-2269



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

- Make sure vehicle is parked on level surface.
- Set parking brake.
- If engine has run in the past two hours, let it cool down.
- Disconnect all negative battery terminals.
- Do not discard stock components after removal of the factory system.

2. Removal of stock system



a. Factory air box system.



b. Unplug the mass air flow sensor (MAF) wiring harness.



c. Loosen the hose clamps on both ends of the inlet tube. Remove the inlet tube from the engine bay.



d. The air filter housing is held in place by two grommets on the mounting plate. Gently lift up on the air filter housing and remove it from the engine bay.



e. Remove the four bolts securing the air filter housing mounting plate to the vehicle chassis. Remove the mounting plate.



f. Loosen the bolt securing the front of the coolant reservoir overflow. Slide the reservoir as far back as it will go and tighten the bolt.



g. Remove the factory air filter restriction gauge.



h. Using the supplied tamper-proof TORX key, remove the two bolts securing the MAF sensor to the air filter housing. Carefully remove the MAF sensor from the housing.



i. Factory air box system removed.

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. Install the supplied rubber edge trim onto the edge of the hole in the heat shield. Trim to fit.



c. Install the previously removed MAF sensor into the upper intake pipe using the two supplied 8-32 bolts. Also, install the supplied tree mount zip tie into the bracket welded on the pipe.



d. Install the heat shield in the engine bay aligning the holes with the mounting plate bolt locations. Secure it using three of the bolts removed in step 2e.



e. Install the two supplied rubber mounts into the slot on the heat shield using two M8 nuts and washers. Secure the mounts with just enough slack for the mounts to slide in the slot.



f. Install the 3" straight coupler onto the turbo inlet pipe and secure using a #72 hose clamp. Make sure that the factory plastic tube connected to the turbocharger is not loose.



g. Install the upper intake pipe into the coupler on the turbo inlet. Secure the pipe using a #72 hose clamp.



h. Install the 2" straight coupler approximately 1" onto the end of the upper intake pipe. Slide the screen disc into the end of the coupler. This will get sandwiched between the upper and lower pipes.



i. Install the supplied 8-164 adapter to the pipe. Next Install the previously removed air filter restriction gauge into the adapter.



j. Install the filter adapter into the mouth of the air filter. Next, insert both into the engine bay as shown. This will help make installation easier as the air filter cannot be installed with the lower pipe secured.



k. Install the lower intake pipe by sliding the coupler over the end of the upper intake pipe sandwiching the previously installed screen. Align the mounting bracket with the two mounts on the heat shield.



l. Install the air filter onto the end of the lower pipe, over the rubber filter adapter. Rotate the air filter until it is free from contact and secure it using a #84 hose clamp.



m. Install the remaining M8 washers and nuts to secure the lower pipe clamp.



n. Plug the MAF sensor into the wiring harness and secure the harness with the previously installed tree mount zip-tie. Trim the excess zip-tie plastic.



Factory air box system installed



AEM® intake system installed

4. Reassemble Vehicle

- 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.
- Check for proper hood clearance. Re-adjust pipes if necessary and re-tighten them.
- Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- Reconnect negative battery terminals and start engine. Let truck idle for 3 minutes. Perform a final inspection before driving the vehicle.

5. CARB Sticker Placement

- 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

- 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.
- Use aluminum polish to clean your polished AEM intake tube.
- 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.