



Equipped with AEM® Dryflow™ Filter  
No Oil Required!

## INSTALLATION INSTRUCTIONS

### PART NUMBER: 21-421

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1995-1999	DODGE	Neon	L4-2.0L	SOHC	C.A.R.B. E.O. # D-670
1995-1999	PLYMOUTH	Neon	L4-2.0L	SOHC	SEE * NOTE

\* 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 2.75 X 5" Dry Ele.	1	21-202DK
Upper Intake Pipe	1	2-515
Lower Intake Pipe	1	2-514
Hose, Adapter 2.50/2.75 X 3" Bl.	1	5-257
Hose, Adaptor 2.5" Tight 90 W/1"	1	5-259
Hose; 3/8"ID X 35"L	1	5-1035
Mount, Rubber 1" X 6mm	1	1228599
Washer, 6mm Soft Mount	2	08160
Nut, M6 Hex Serrated	2	444.460.04
Hose Clamp, 3/4"	2	4093-5
1/2" Bnd. Hose Clamp, 2.15-3.00"	3	9440
1/2" Bnd. Hose Clamp, 2.31-3.25"	1	9444
1/2" Bnd. Hose Clamp, 2.56"-3.50"	1	9448

**Read and understand these instructions B E F O R E 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.

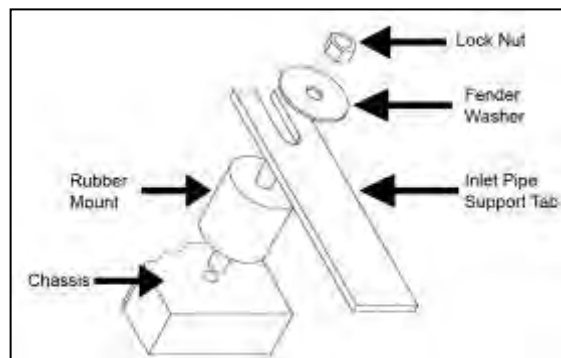
### **2. Removal of stock system**

- a. Loosen and remove the air inlet tube from the throttle body.
- b. Disconnect the breather hose from the air inlet tube.
- c. Remove the stock airbox assembly from behind the cylinder head. Do not remove the mounting hardware for the stock airbox as it will be used to mount the AEM® intake system.

### **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 90 degree rubber hose adapter onto the throttle body. Install the shorter intake pipe into the coupler and secure with the provided two hose clamps.
  - i. The intake pipe should run from the throttle body towards the battery.
- c. Install the 2.5" to 2.75" hose adapter onto the opposite end of the short intake pipe and secure with a hose clamp. Insert the longer intake pipe into the hose adapter and loosely secure it to the hose adapter with a provided hose clamp.
- d. Install the air filter onto the lower end of the intake pipe. Position the air filter so it is not in contact with any part of the vehicle, then tighten the hose clamp so it is secured to the intake pipe.
- e. The support tab on the intake pipe will line up with a threaded hole on the lower portion of the battery tray. Install the rubber isolator mount into the threaded hole. Attach the intake pipe's bracket onto the rubber mount. Install the provided fender washer and the lock nut onto the isolator mount's stud and tighten to secure in place.

**NOTE: Failure to install the rubber isolator mount will void all warranties of the intake system. Below, is a diagram of how the rubber isolator mount should be installed.**



- f. Position the intake system for best fitment and ensure it has proper clearance. Make sure the intake pipes do not contact any component along its route or interfere with any other accessories.
- g. Ensure there is adequate clearance between the air filter and the transmission. Minor adjustment to the intake system can provided enough space between these two components.

h. Connect the breather hose to the intake pipe using the supplied breather hose. Secure each end of the breather hose with the supplied hose clamps.

#### 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 or call us at 800.992.3000
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#### 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.