



Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS

PART NUMBER:

21-422B (Blue Finish)

21-422C (Gun Metal Grey Finish)

21-422P (Vacuum Metalized Chrome-VMC)

21-422R (Red Finish)

2000-2003	DODGE	Neon	L4-2.0L	C.A.R.B. E.O. # D-670-15
2000-2002	CHRYSLER	Neon	L4-2.0L	C.A.R.B. E.O. # D-670-15
2000-2001	PLYMOUTH	Neon	L4-2.0L	C.A.R.B. E.O. # D-670-15

Intake systems for vehicles listed are 50 state legal. See AEMIntakes.com for CARB status on each part for a specific vehicle.

PARTS LIST

Description	Qty.	Part Number
Element Parts Kit 2.50 X 5" Dry Ele.	1	21-201DK
Upper Pipe	1	2-434
Lower Pipe	1	2-435
Hose, Silicone 2.50x3" Blk.	3	5-250
Mount, Rubber 1" X 6mm	1	1228599
Grommet, 1/2"	1	784634
Hose; 1/2"ID X 10"L	1	5-5010
Nut, M6 Hex Serrated	1	444.460.04
Washer; 1"D X 1/4 Hole Fender	1	08160
1/2" Bnd. Hose Clamp, 2.15-3.00"	6	9440
Hose Clamp #6 Mini	2	08407
1/2" Bnd. Hose Clamp, 2.31-3.25"	1	9444

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. Disconnect the wire harness that goes to the Inlet Air Temperature (IAT) sensor. Remove the IAT sensor from the inlet pipe and set aside in a safe area to avoid damaging it.
- b. Remove the stock breather hose from the valve cover and the air inlet tube.
- c. Loosen and remove the air inlet tube from the throttle body.
- d. Remove the stock air box assembly and attaching hardware.
- e. Remove the short flexible rubber tubing between the throttle body and the intake manifold. Be careful not to damage the throttle cables.
- f. 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.

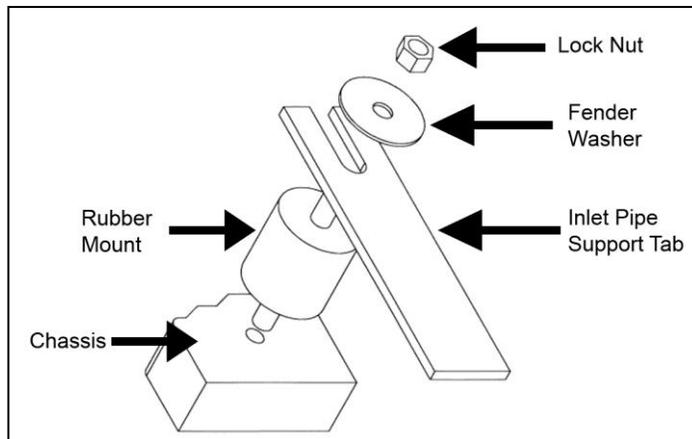
- i. Remove the lower front splashguard.
- ii. Remove the driver side wheel and remove the inner fender liner.
- g. Remove the stock resonator.

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 a connector hose on both sides of the short inlet pipe.
 - i. Install the hose clamps on the connector hoses and just snug them down.
- c. Attach the tube between the throttle body and the intake manifold.
 - i. If required, further snug the hose clamps down so that you still have room for adjustment during the remainder of the installation.
- d. Install the connector hoses on both ends of the long inlet pipe.
 - i. Install hose clamps on the connector hoses and just snug them down.
- e. Insert the pipe through the hole in the fender exposed from the removal of the stock resonator. The end of the inlet pipe that is furthest from the bracket should be inserted through the hole in the fender well.

- f. Attach the pipe to the throttle body and snug down the hose clamps.
 - i. The support tab on the inlet pipe will line up with a threaded hole on the battery tray. Install the rubber isolator mount and attach the inlet pipe's support tab onto the rubber mount. Install the large fender washer and the lock nut onto the isolator mount stud and snug it down.

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



- g. Install the AEM® air filter onto the end of the inlet pipe. Push the air filter on around 2 inches over the inlet pipe and install one hose clamp to secure the air filter onto the inlet pipe. Once fitment is checked, you can either push the filter onto the inlet pipe more or less depending on clearances. Tighten the hose clamp after proper fitment is achieved.
- h. Install the new breather hose from the valve cover to the inlet pipe and secure using the two hose clamps provided.
- i. Check the placement of the air inlet pipe for proper alignment. Make sure that the inlet pipe does not contact any components along its route, nor should it interfere with the function of any other accessory.
 - i. Tighten the hose clamps on the throttle body.
- j. Install the rubber grommet into the hole in the inlet pipe.
- k. Install the IAT sensor into the grommet and reattach the wire harness.

4. Reassemble Vehicle

- a. **Fender liner and splashguard:** Install the fender liner, lower splash guard and any hardware that was removed in steps 2f(i)-2f(ii).

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. **Wheel:** Install the driver side wheel using the factory torque specification (see owner's manual).
- c. 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.
- d. Check for proper hood clearance. Re-adjust pipes if necessary and re-tighten them.
- e. Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- f. Reconnect the negative battery terminal 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. AEM Induction Systems requires cleaning the intake system's air filter element every 100,000 miles. When used in dusty or off-road environments, our filters will require cleaning more often. We recommend that you visually inspect your filter once every 25,000 miles to determine if the screen is still visible. When the screen is no longer visible some place on the filter element, it is time to clean it. To clean, purchase our Synthetic air filter cleaner, part number 99-0624 and follow the easy instructions.
- b. 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.

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