



Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS

PART NUMBER:

21-430B (Blue Finish)

21-430C (Gun Metal Grey Finish)

21-430P (Vacuum Metalized Chrome-VMC)

21-430R (Red Finish)

1995-1999	MITSUBISHI	Eclipse	L4-2.0L exc. Turbo	C.A.R.B. E.O. # D-670-15
1995-1998	EAGLE	Talon	L4-2.0L exc. Turbo	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
Air Filter Assy. 2.50 x 5" Dry Ele.	1	21-201DK
Inlet Pipe	1	2-441
Nut, M6 Hex Serrated	1	444.460.04
Washer; 1"d X 1/4 Hole Fender	1	08160
Mount, Rubber 1" x 6mm	1	1228599
Hose, Silicone 2.50x2" Black	1	5-252
1/2' Bnd. Hose Clamp, 2.15-3.00"	2	9440
Hose; 1/2"ID x 16"L	1	5-5016
Hose Clamp #6 Mini	2	08407
Vacuum Cap, 5/8"	1	8-104
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.

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 the negative battery terminal.
- e. Do not discard stock components after removal of the factory system.

2. Removal of stock system

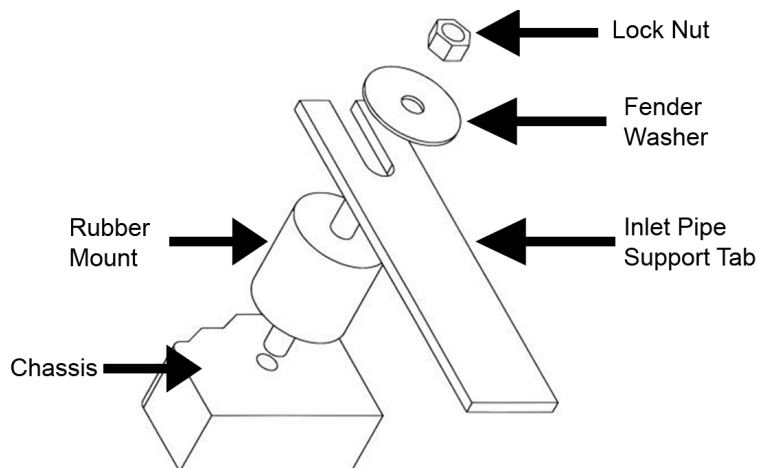
- a. Disconnect the breather hose from the cam cover.
- b. If any hoses are inadvertently disconnected during this installation re-connect them right away to avoid loose hoses later.
- c. Loosen and remove the inlet hose between the throttle body and the air filter case.
- d. Remove the air filter case from the vehicle including the attaching hardware.
 - i. The inlet to the air filter case is on the opposite side of the air filter. It is a tube whose inlet is downward and is pointed downwards. Removing the air filter assembly exposes a cavity inside the fender well. The air intake for the cold air system will reside within the cavity left open by the removal of the stock system. This allows access to cooler air.

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.

NOTE: Removal of the battery will ease installation.

- b. Install the 2.5" X 2" black connector hose on the throttle body end of the inlet pipe. The end of the pipe closest to the hose fitting attaches to the throttle body. Do not tighten the hose clamp but adjust it so that the pipe will not fall off but can also rotate on the throttle body.
- c. Install the pipe so that the support bracket points towards the shock tower. Tighten the hose clamps enough to hold the pipe in place by still allow for adjustment. The free end of the pipe should be underneath and pointed toward the fender well. On some models, you may have to loosen the bolt holding the horn in place and rotate the horn to clear the pipe.
- d. The support tab on the inlet pipe will line up with a threaded hole on the inner fender well. Install the rubber isolator mount and attach the air inlet tube onto the rubber mount. Install the large fender washer and the lock nut onto the isolator mount stud and snug it down. **Failure to install the rubber mount will void all warranties of the cold air system. Below is a diagram of how the rubber mount should be installed.**



- e. At this point the entire intake tube can be adjusted for position and alignment. Make sure that the tube does not rub anywhere along its length. Tighten the hose clamps and the rubber mount.
- f. Install the AEM® filter onto the end of the inlet tube. Install the air filter onto the pipe and install hose clamps to secure the filter onto the inlet pipe. Once fitment is checked, you can either push the filter on to the inlet pipe more or less based on clearance. Tighten the hose clamp after this is done.
- i. This may require the removal of the inner fender liner to ease installation of the filter.

NOTE: If the liner or splashguard has been removed they must be re-installed. Failure to install the splash guard or fender liner will result in diminished performance and increase the potential for engine damage due to water ingestion in rainy conditions.

- g. Connect the breather hose that was disconnected in step 2a.
- h. On vehicles equipped with the air injection hose leading from the exhaust to the stock inlet pipe this hose must be re-connected to the AEM® cold air inlet pipe which is primarily found on Non-California vehicles. If your vehicle is not equipped with this hose use the 5/8" cap to plug the fitting on the AEM® inlet pipe.
- i. Re-install battery if removed.

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 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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