



Equipped with AEM® *Dryflow™ Filter*  
No Oil Required!

## **INSTALLATION INSTRUCTIONS**

### **PART NUMBER: 22-430**

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1995-1999	MITSUBISHI	Eclipse	L4-2.0L Exc. Turbo models	C.A.R.B. E.O. # D-670
1995-1998	EAGLE	Talon	L4-2.0L Exc. Turbo models	SEE * NOTE

## PARTS LIST

Description	Qty.	Part Number
Element Parts Kit 2.50 X 5" Dry Ele.	1	21-201DK
Short Pipe	1	2-4301
Hose, Silicone 2.50x2" Black	1	5-252
Mount, Rubber 1" X 6mm	1	1228599
Hose; 3/8"ID X 5"L	1	5-1005
Grommet, 3/8"	1	784633
Grommet, 1/2"	1	784634
Washer, 6mm Soft Mount	1	559999
Nut, M6 Hex Serrated	1	444.460.04
Hose Clamp, 3/4"	2	4093-5
1/2' Bnd. Hose Clamp, 2.15-3.00"	2	9440
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 negative battery terminal.
- e. Do not discard stock components after removal of the factory system.

## 2. Removal of stock system

- a. Disconnect breather hose and any vacuum lines (if they are present) from the air inlet tube.
- b. Loosen and remove the air inlet tube from the throttle body.
- c. Loosen and remove the stock air box from the vehicle.

**NOTE: It is not necessary to remove the stock resonator from inside the fender well.**

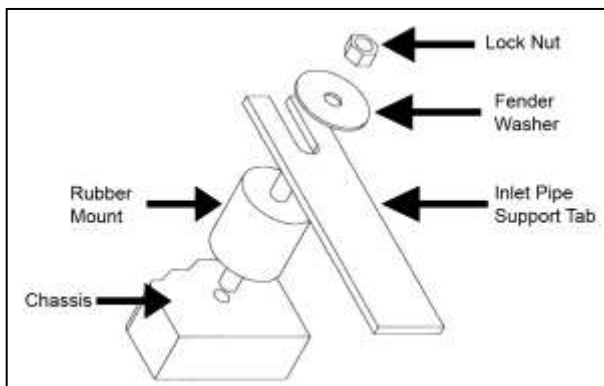
## 3. Installation of AEM<sup>®</sup> intake system.

- a. When installing the intake system, do not completely tighten the hose clamps or mounting hardware until instructed to do so.
- b. Install one black connector hose on the throttle body end of the inlet pipe. That is the end closer to the breather nipple.
- c. Install two hose clamps on the connector hose and just snug them down on the hose.
- d. Slide the throttle body end of the inlet pipe onto the throttle body.
- e. Gently tighten the hose clamps so that the pipe can still be rotated.
- f. Some applications have a support tab that is welded onto the inlet pipe.

**NOTE: If your application does not have a support tab then skip to step 3f(i).**

- i. 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.

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



- g. Install the air filter.
  - i. Install the AEM<sup>®</sup> air filter onto the end of the inlet tube. 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 air filter onto the inlet pipe more or less depending on clearances. Tighten the hose clamp after this is done. Be sure to leave ample clearance between the filter and any surrounding components.
- h. Connect breather hose between valve cover and the inlet pipe using the breather hose and two clamps supplied. Connect the intake air bypass control valve hose to the exposed nipple on the pipe where applicable.

#### **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.
  - i. Be sure that the rubber mount is not stressed in any way that may lead to premature failure.
- 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 intake tube. **(NOTE: DO NOT USE aluminum polish on powder coated AEM<sup>®</sup> intake tubes)**