



Equipped with AEM® Dryflow™ Filter
No Oil Required!

INSTALLATION INSTRUCTIONS

PART NUMBER: 24-6030

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

**AEM® bypass valves are not compatible with this intake system (part number 24-6030)
DO NOT attempt to install an AEM bypass valve on this intake system!**

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

PARTS LIST

Description	Qty.	Parts Number
Air Filter Assy. 3.50 X 5" Dry Ele.	1	21-204DK
Inlet Pipe	1	2-60301
Hose, Silicone 2.50x2" Black	1	5-252
Mount, Rubber 1" X 6mm	1	1228599
Hose; 3/8"ID X 6"L	1	5-1006
Vacuum Cap, 5/8"	1	8-104
Washer, 6mm Soft Mount	1	559999
Nut, M6 Hex Serrated	1	444.460.04
1/2' Bnd. Hose Clamp, 2.15-3.00"	2	9440
Hose Clamp, 3/4"	2	4093-5
Hose Clamp, 1"	2	99024.032
1/2" Bnd. Hose Clamp, 3.15"-4.00"	1	9456
Hose; 1/2"ID X 16"L	1	5-5016

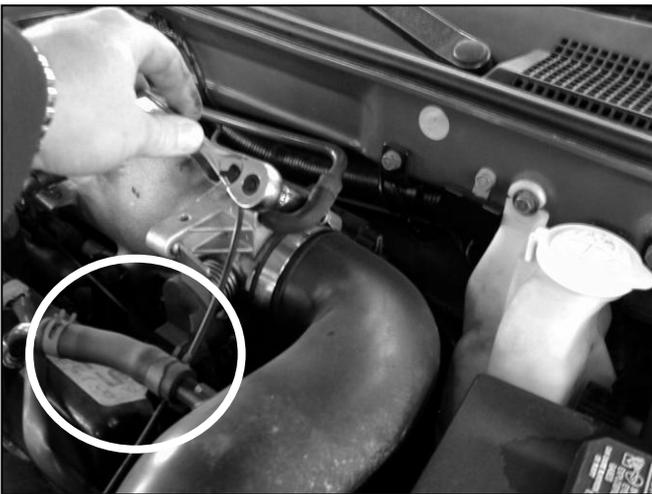
Read and understand these instructions **BEFORE** attempting to install this product. Failure to follow installation instructions and not using the provided hardware may damage the intake tube, throttle body and engine.

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



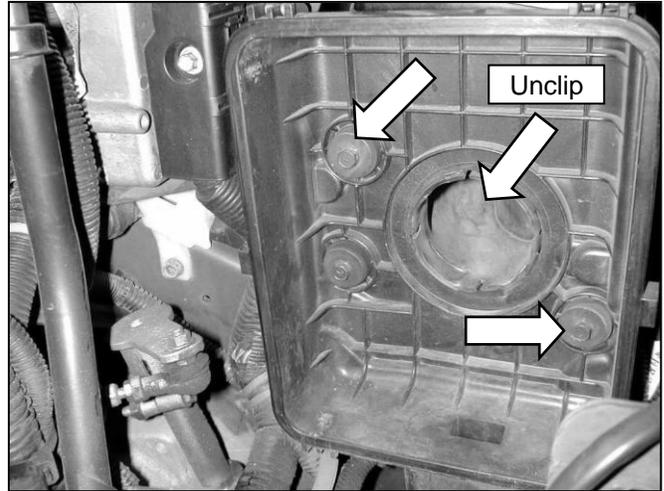
a. Loosen the hose clamp on the throttle body and disconnect the PCV hose from the intake tube.



b. Disconnect the intake tube from the throttle body.



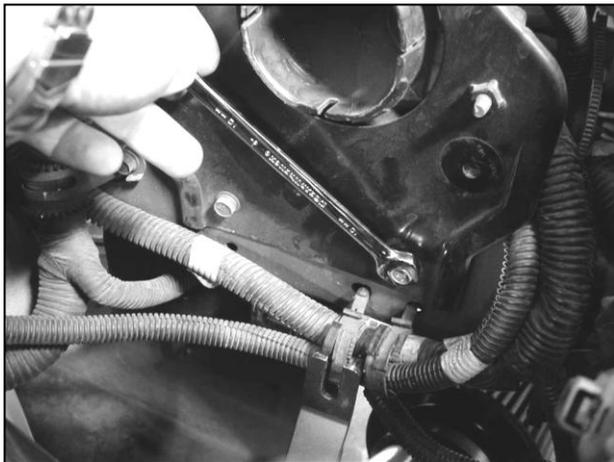
c. Unclip the air filter box and remove the intake tube from the engine bay. Remove the air filter.



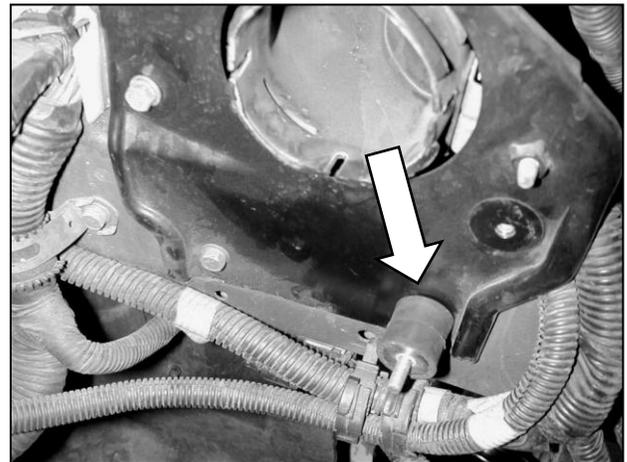
d. Remove the three bolts holding the other half of the air filter box. Unclip the box from the air inlet tube and remove the assembly from the engine bay.

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.



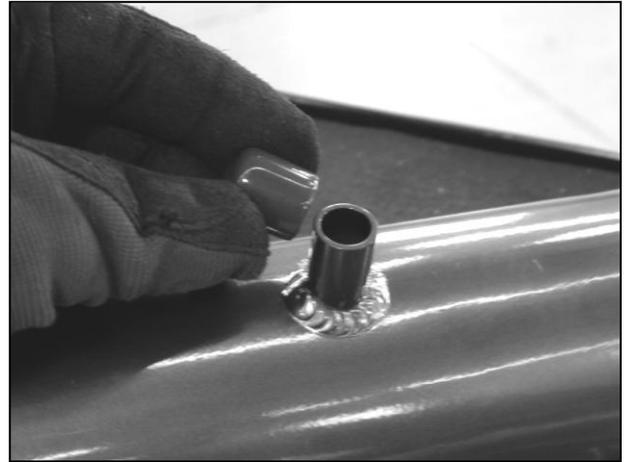
b. Remove the lower front bolt from the air box backing plate as shown in the picture.



c. Install the rubber mount in the hole exposed from step 3b.



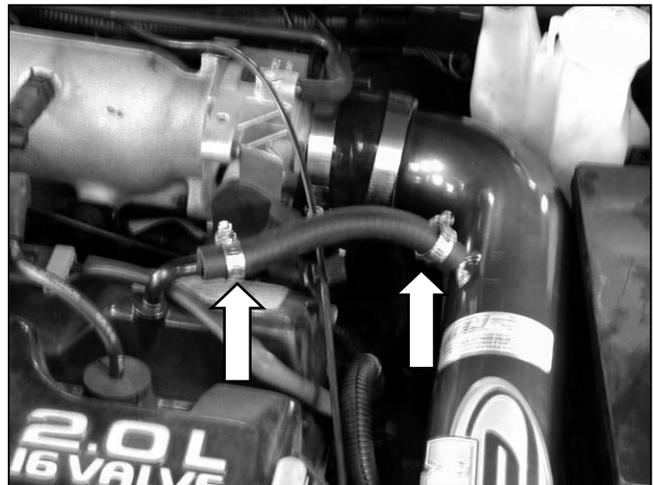
d. Install the silicone coupler on the throttle body. Place the hose clamps in place but do not tighten them.



e. Some non-California vehicles are equipped with an air injection hose leading from the exhaust to the stock inlet pipe. This hose must be re-connected to the AEM® inlet pipe. If your vehicle is not equipped with this hose use the 5/8" cap to plug the fitting on the AEM® inlet pipe.



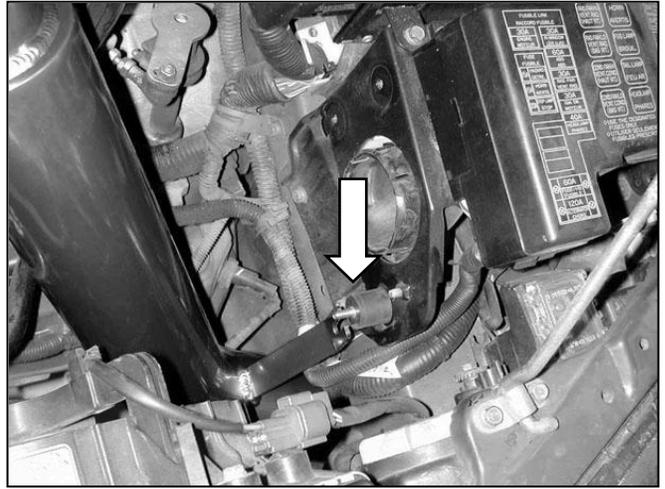
f. Raise the front of the vehicle with a jack. Refer to your owner's manual for proper jack and jack stand placement to properly support vehicle. Support your vehicle using properly rated jack stands before wheel removal or while working under the vehicle.
NEVER WORK UNDER A VEHICLE WITHOUT USING JACK STANDS.
From inside the left wheel well, cut the specified section out of the splash guard to create clearance for the intake pipe.



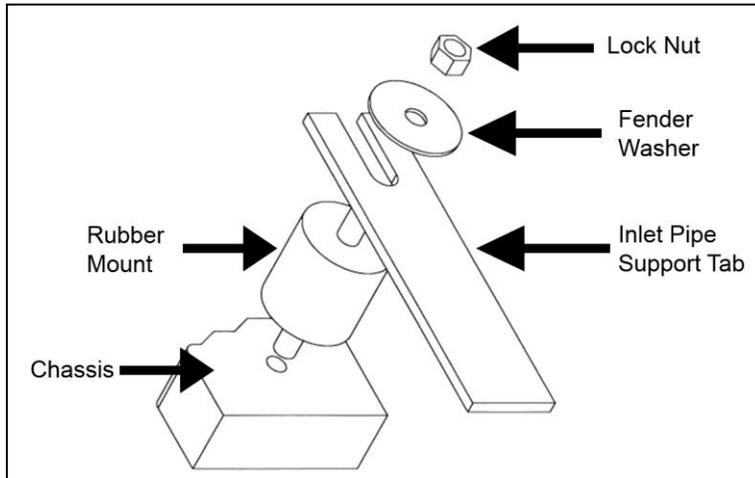
g. Insert the intake pipe into the engine bay. Place the end of the intake pipe into the silicone coupler on the throttle body. Do not tighten the hose clamps. Install the 3/8" hose and hose clamps from the PCV tube to the nipple on the intake pipe as shown.



h. Position the intake pipe in the engine bay so that no part of it touches the vehicle.



i. Line up the bracket on the intake pipe with the rubber mount. Install the nut and washer according to the diagram below. After proper fitment has been achieved, tighten the hose clamps on the throttle body and tighten the nut on the rubber mount.



Proper installation of rubber mount assembly



j. Rotate the horn bracket forward out of the way of the intake pipe.



k. Install the air filter on the end of the intake pipe. Ensure the splash guard is properly installed and allows clearance for the intake pipe.
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.

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.
- e. Please note that AEM[®] bypass valves will not work with this application (part number 24-6030). The use of a bypass valve could have adverse effects on the performance of the system.

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[®] 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[®] intake tube.
- c. 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.