



Cyborg Intake System

“The World’s First Tuned air Intake System!”

**Factory safe air/fuel ratio’s for Optimum performance
Injens tuning process covered by three U.S. Patents**

**Part number SP1867
2006-12 Mitsubishi Eclipse
2.4L 4 cyl.
Automatic only**

- 1- MR Tech intake system
- 1- 3 1/2" web nano-fiber (#1015)
performance dry filter
- 1- heat shield (#HS5000BLK/P)
- 1- 2 7/8" straight hose (#3050)
- 2- Power-Bands (.362)(.048) (#4004)
- 3- 5/16" flange bolts (#6019)
- 3- composite filter neck clamps (#4010)
- 1- m6 Vibra-mount (#6020)
- 1- m6 flange nut (#6002)
- 1- Fender washer (#6010)
- 2-M4x10 allen bolts (#6047)
- 1- 3 page Instruction

Note: The C.A.R.B Exempt sticker must be attached under the hood in a manner such that it is easily viewed by an emissions inspector



Note: Injen strongly recommends that this system be installed by a professional mechanic.



Figure 1

Congratulations! You have just purchased the best engineered, dyno-proven air intake system available.

Please check the contents of this box immediately.

Report any defective or missing parts to the Authorized Injen Technology dealer you purchased this product from. Before installing any parts of this system, please read the instructions thoroughly. If you have any questions regarding installation please contact the dealer you purchased this product from.

Installation DOES require some mechanical skills. A qualified mechanic is always recommended.

*Do not attempt to install the intake system while the engine is hot. The installation may require removal of radiator fluid line that may be hot.

Injen Technology offers a limited lifetime warranty to the original purchaser against defects in materials and workmanship. Warranty claims must be handled through the dealer from which the item was purchased.

Injen Technology 244 Pioneer Place Pomona, CA 91768 USA

Please check the contents of this box immediately.

Note: This intake system was Dyno-tested with an Injen filter and Injen parts. The use of any other filter or part will void the warranty and CARB exemption number.

Parts and accessories are available on line at "Injenonline.com"

Warning: Manufactures attempting to duplicate Injen’s patented process will now face legal action.

MR Technology Step down process:

- 1- Calibration Method for Air Intake Tracts for Internal Combustion Engines. Covered under Patent# 7,359,795
- 2- Calibration Device for Air Intake Tracts for Internal Combustion Engines. Published and patent pending
- 3- Calibration Method and Device for Air Intake Tracts having Air Fusion Inserts Published and patent pending

Tools required:

- 1- 10mm socket
- 1- Phillips head screwdriver
- 1- flat head screwdriver
- 1- 8mm nut driver
- 1- ratchet
- 1-2.5mm allen



Figure 2

Application number X-1034



Optional Hydroshield

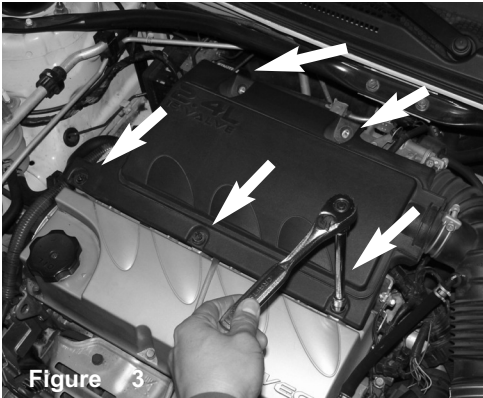


Figure 3
Use a 10mm Socket and ratchet and remove the 5- 10mm bolts on the intake resonator located on top of the valve cover

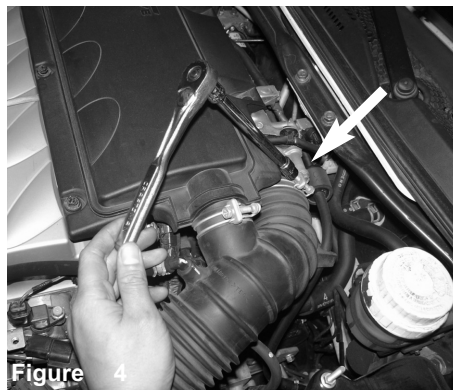


Figure 4
Loosen the clamp on the intake air duct attached to the throttle body

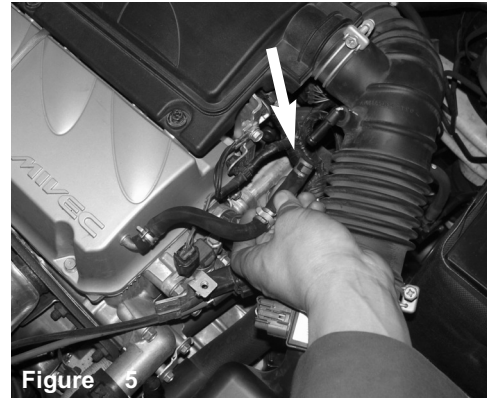


Figure 5
Detach the crank case breather line from the intake air duct

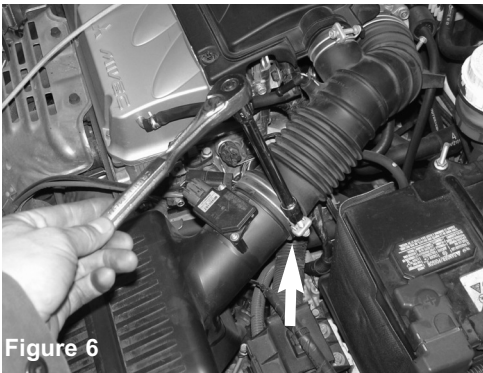


Figure 6
Loosen the clamp on the air duct attached to the air box assembly.



Figure 7
Detach the air duct from the air box assembly



Figure 8
Remove the entire resonator box and air duct assembly out.

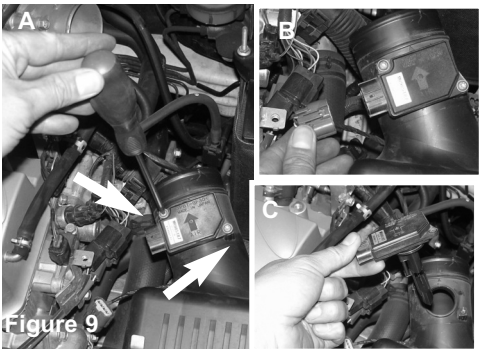


Figure 9
Figure A: Use a torx screw driver to remove the two torx screw attached to the MAF sensor. **Figure B:** Unplug the MAF sensor harness. **Figure C:** Remove the MAF sensor from the air box assembly



Figure 10
Use a 10mm socket, extension and ratchet and loosen the two 10mm bolts on the air box assembly.

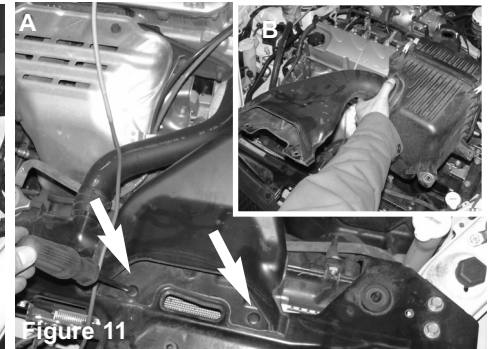


Figure 11
Figure A: Remove the two plastic screws on the air box scoop. **Figure B:** Remove the entire air box assembly

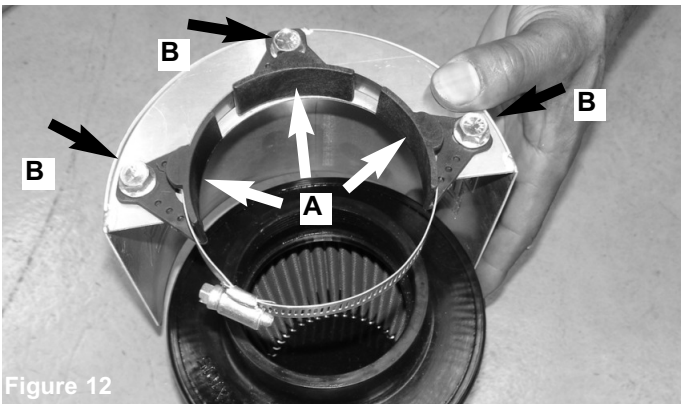


Figure 12
Align the composite filter neck clamps to the heat shield 5/16" press nuts (A). Screw the 5/16" flange bolts to the press nuts located on the heat shield press nuts (B). Remove the clamp from the filter neck and join the three composite filter neck clamps as shown above.



Figure 13
Once the heat shield, composite clamps and filter neck clamp have been assembled, continue to lower the heat shield over the filter. Make sure the filter neck clamp remains loose while adjusting the entire heat shield to the filter.



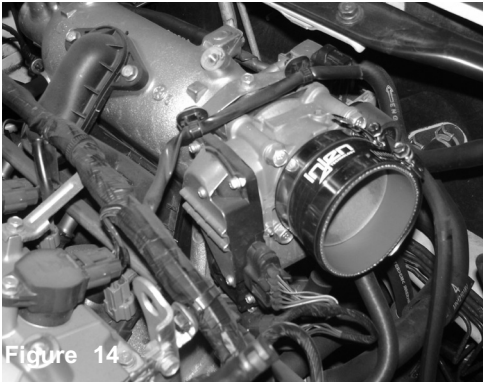


Figure 14
Place the 2 7/8" straight hose and two clamps on the throttle body



Figure 15
Position the intake pipe into the 2 7/8" straight hose

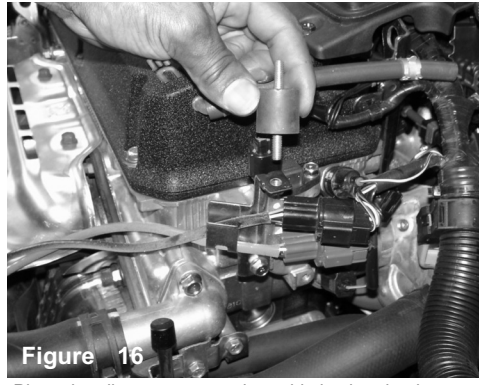


Figure 16
Place the vibramount onto the gold zinc bracket locate on top of the upper coolant housing

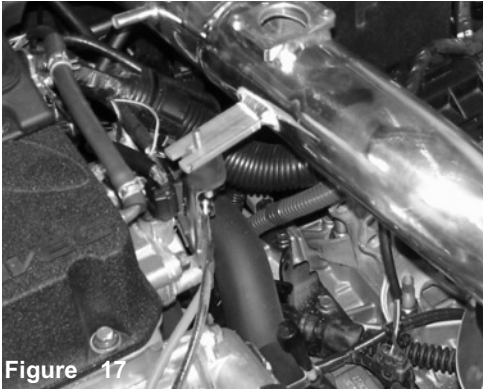


Figure 17
Align the intake bracket to the vibramount

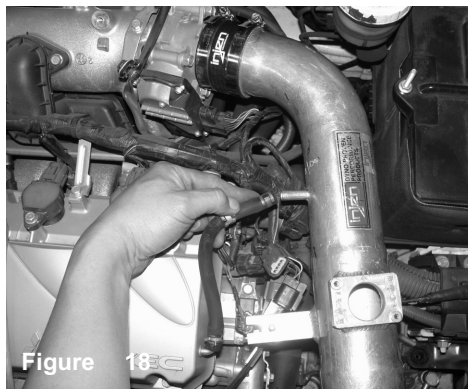


Figure 18
Connect the crank case breather line to the nipple on the intake pipe

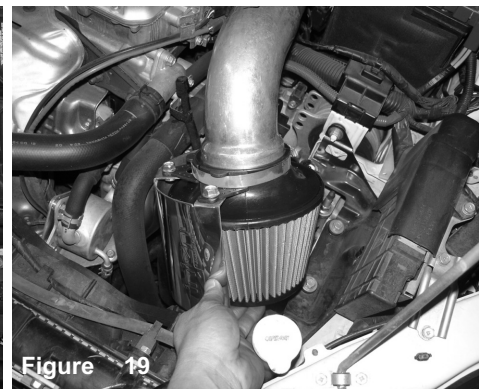


Figure 19
Place the filter and heat shield assembly on to the end of the intake pipe. Use a 8mm nut driver and tighten the clamp on the filter

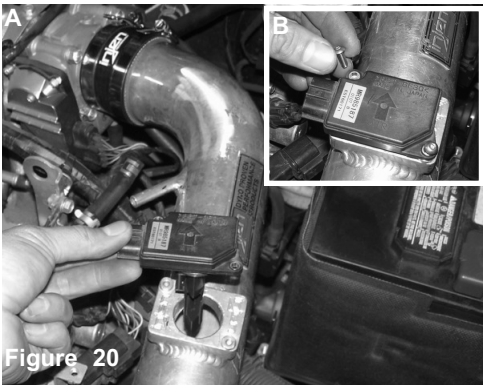


Figure 20
Figure A: Place the MAF sensor onto the machined adapter welded on the pipe. **Figure B:** Place two M4 allenbolts onto the MAF sensor

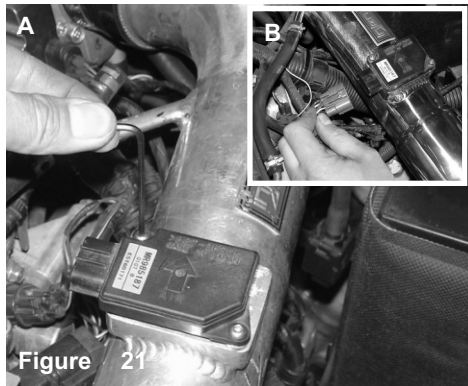


Figure 21
Figure A: Use a 2.5mm allen wrench and secure the MAF sensor to the machined adapter welded on the pipe. **Figure B:** Re-connect the MAF sensor harness.



Figure 22
Congratulations! You have just completed the installation of this intake system. Periodically, check the alignment of the intake, normal wear and tear can cause nuts and bolts to come loose. Failure to check the alignment and adjust the intake can cause damage that will void the warranty.

1. Upon completion of the installation, reconnect the negative battery terminal before you start the engine.
2. Align the entire intake system for the best possible fit. Once the intake has been properly fitted continue to tighten all nuts, bolts and clamps.
3. Periodically, recheck the alignment of the intake system and make sure there is proper clearance around and along the length of the intake. Failure to follow proper maintenance procedures may cause damage to the intake and will void the warranty.
4. Start the engine and listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that maybe causing leaks or rattles and correct the problem.
5. Check the filter for excessive dirt build up. Clean or replace the filter with an original Injen filter (can be bought on-line at "injenonline.com"). Congratulations! You have just completed the installation of the best intake system sold on the market. Enjoy the added power and performance of your new intake system.