**Part number SP1867 (SR)**
**06-07 Mitsubishi Eclipse**
**2.4L 4 cyl.**
**Automatic only**

1- MR Tech intake system
1- **3 1/2" Injen filter** **(#1015)**
1- **3 1/2" HS3500 heat shield** **(#11024)**
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)
1- 4 page Instruction

Tools required:

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

**Note:** The installation of this cold air intake does require mechanical skills. Removal of the front bumper requires loosening and removing several plastic plugs and screws that may be difficult. In addition to removing the bumper, you will also have to remove the air resonator box, battery and tray when beginning this installation. **Injen strongly recommends that this system be installed by a professional mechanic.**

## MR Technology, "The World's First Tuned Intake System!"

**Optimum performance, Factory safe air/fuel ratio.**

**Figure 1**

**Figure 2**

**Application number X-1034**


Figure 3

Disconnect the vacuum line from the rubber air intake duct.

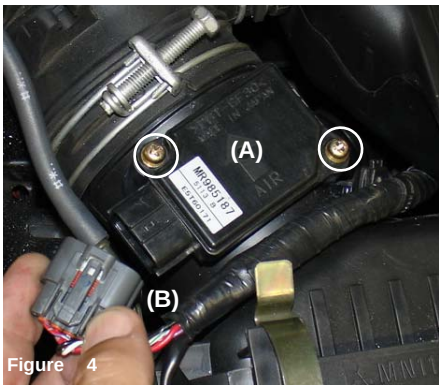


Figure 4

Remove the two screws from the MAFS (A). Once you have removed the screws, continue to unplug the electrical sensor harness (B)

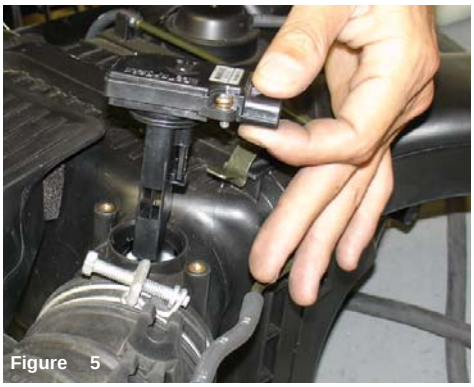


Figure 5

Carefully pull the mass air flow sensor from the air sensor housing as shown above.

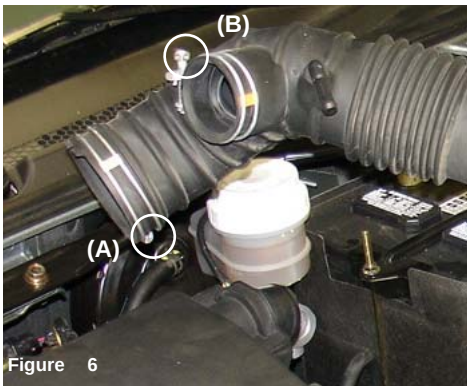


Figure 6

Loosen the two clamps located on the throttle body (A) and the large resonator port connected to the air intake track (B).

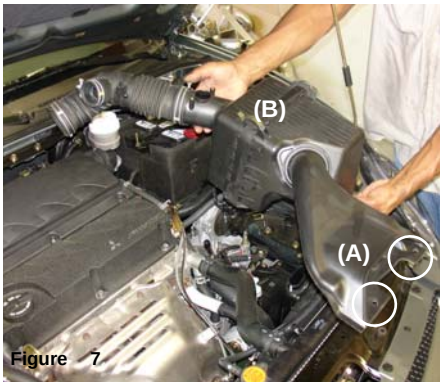


Figure 7

Remove the two plastic expanding plugs from the front air scoop(A). Pull the entire air intake box, and air intake track out of the engine compartment (B)


Figure 8

Press the 2 7/8" straight hose over the throttle body. Place two power bands (.362) over the 2 7/8" hose and tighten the clamp located over the throttle body.


Figure 9

Note: This step is no longer needed

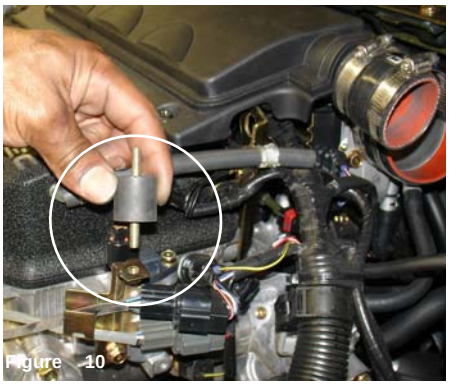


Figure 10

Align the vibra-mount to the gold zinc plated bracket located to the side of the valve cover.

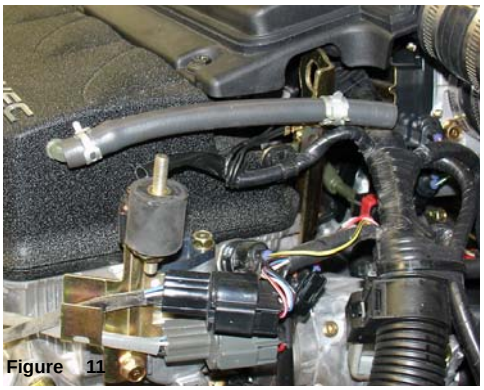


Figure 11

The vibra-mount is screwed into the bracket until it is flush to the zinc plated bracket.

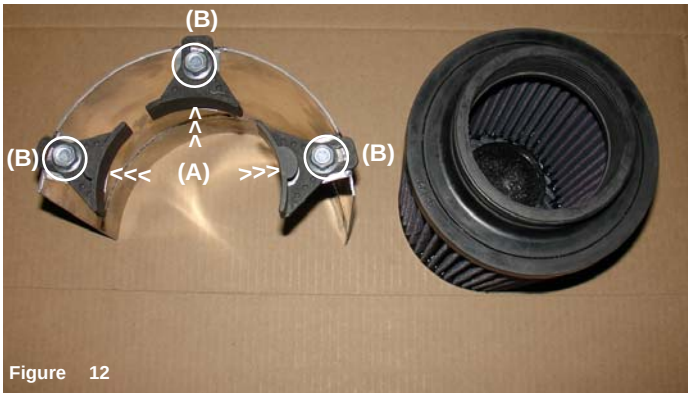


Figure 12

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).

Figure 13

Remove the clamp from the filter neck and join the three composite filter neck clamps as shown above.


Figure 14

Once the heat shield, composite clamps and filter neck clamp have been assembled, continue to lower the heat shield over the filter.


Figure 15

Make sure the filter neck clamp remains loose while adjusting the entire heat shield to the filter.


Figure 16

align and press the assembled filter and heat shield over the end of the intake.


Figure 17

Press he intake end into the filter neck until it has butted up against the filter neck stops. Be careful not to insert the intake end beyond the inner filter neck stops.


Figure 18

Lower the entire intake, heat shield and filter assembly into the engine compartment. Align the top end of the intake to the throttle body hose.

Figure 19

Once you have inserted the top intake end into the throttle body, lower the intake bracket over the vibra-mount stud (A)

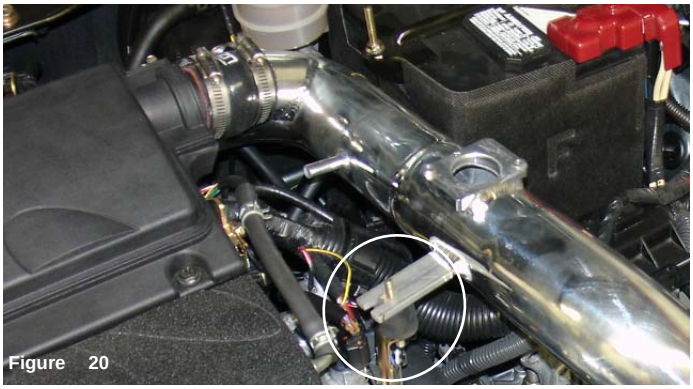
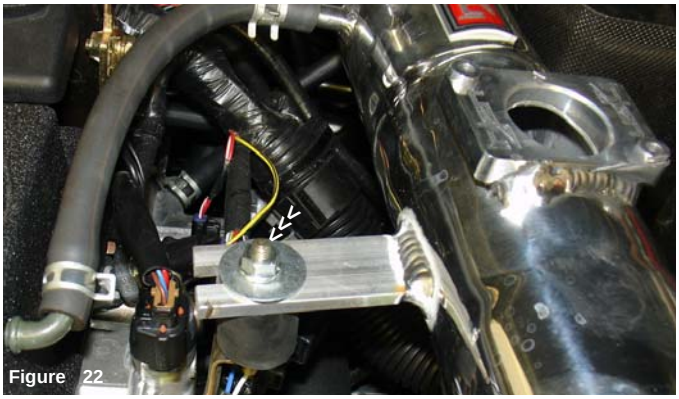


Figure 20

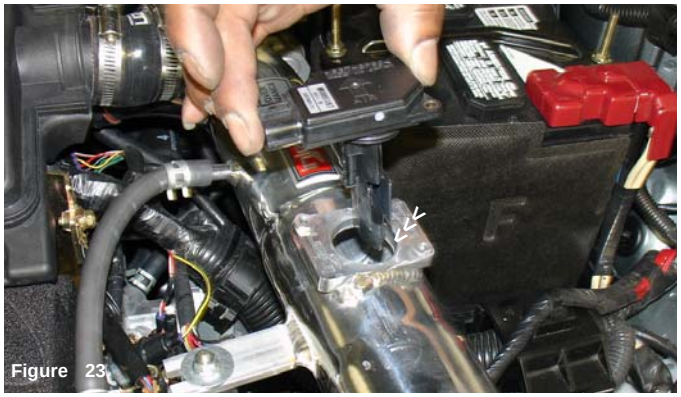
The intake bracket is sitting flush over the vibra-mount stud.


Figure 21

align the stock vacuum hose over the 3/8” intake port.

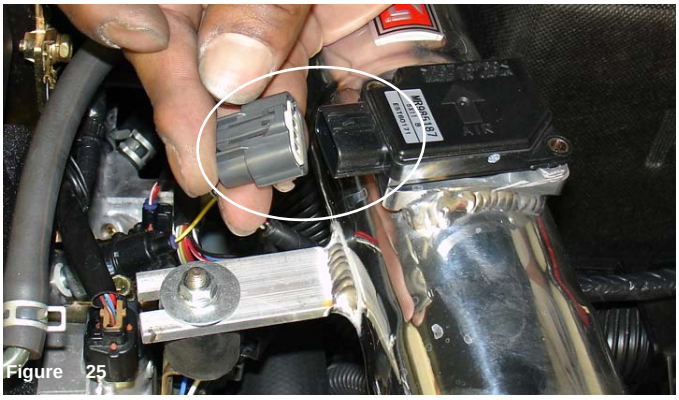



Use the m6 flange nut and fender washer to secure the intake bracket to the vibra-mount>

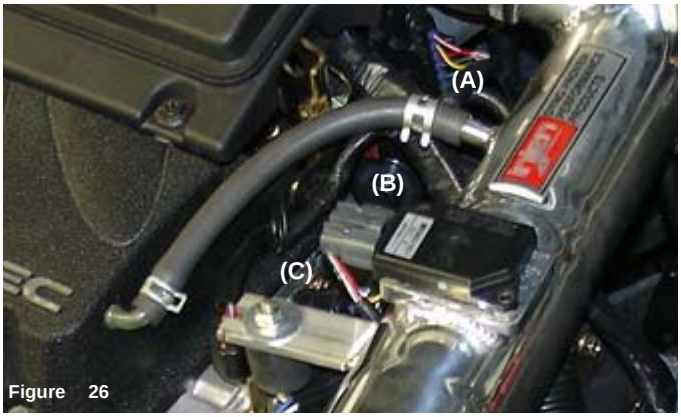



Lower the mass air flow sensor into the machined sensor adapter.


The two stock bolts are used to fasten the mass air flow sensor to the machined adapter




Press the electrical harness clip over the the mass air flow sensor until you hear it snap in place.




View of the vacuum hose connected to the intake port (A), the mass air flow sensor installed and electrical harness connected (B) and the intake bracket connected to the vibra-mount (C).


Align the entire intake for the best possible fit. Once the intake has been cleared from any moving parts or rubbing, continue to tighten all nuts, bolts and clamps.

**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.

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.