



Part number SP1991  
2006 Infiniti M35  
V6 3.5L

- 1- 2 piece MR Tech cold air intake(CV)
- 1- 3 1/2" Injen filter (#1015)
- 1- 3 1/8" straight hose (#3054)
- 1- 3 1/2" straight hose (#3037)
- 2- Power-bands (.362) .048 (#4004)
- 2- Power-bands (.412) .056 (#4005)
- 2- M6 vibra-mounts (#6020)
- 3- M6 flange nuts (#6002)
- 2- Fender washers (#6010)
- 1- T-20 tamper res. torx bit (#6021)
- 1- Instruction



**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.



Stock engine



Cold air intake

Fig. 1

Hydro-shield used for this application  
X-1034







Fig. 2

Loosen clamps at the throttle body and the air box. Un-clip all hinges on the air box lid. Remove the air box lid and the stock air filter, then continue to remove the lower air box cleaner.



Fig. 3

Loosen all clamps and remove bolts that holds the air intake duct and air intake box in place. Gently, remove the entire air intake box assembly from the engine compartment and set it aside.

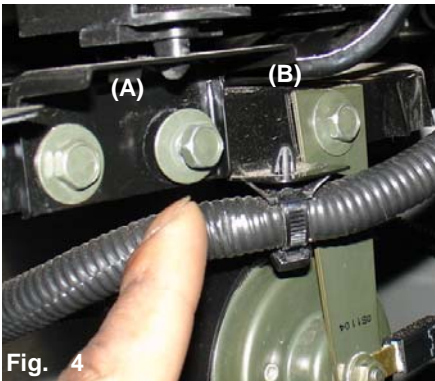


Fig. 4

Extension horn bracket is relocated- Unscrew the m6 bolt from the side brace located directly in front of the diver side front wheel (A). Unscrew m6 bolt that secures the horn bracket in place (B), now relocated the horn to bolt hole "A".



Fig. 5

Tighten the m6 bolt all the way so that the horn bracket is firmly secured. Note, the horn bracket is placed directly above the wire harness.

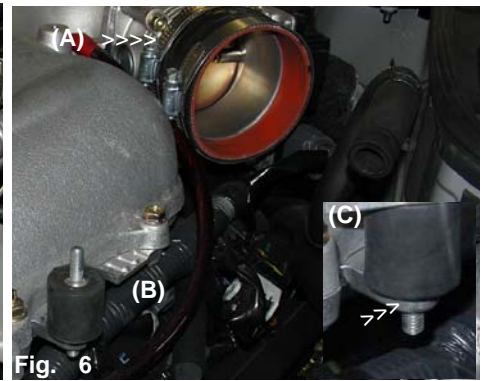


Fig. 6

Press the 3 1/8" straight hose over the throttle body and use two .362 power-bands over the hose, tighten throttle body side at this point(A). Screw the vibra-mount into the side pre-tapped wing located to the side of the intake manifold (B). The vibra-mount will sit firm and flush (C).

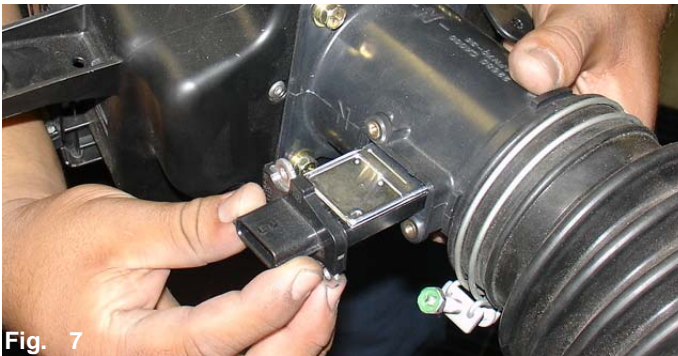


Fig. 7

Using the torx bit in this kit, remove the screws holding the mass air sensor to the sensor housing. Gently, proceed to remove the sensor from the sensor housing as shown in this picture.



Fig. 8

Locate the primary intake and carefully insert the air mass sensor into the machined flange welded to the intake (A). Use the stock screws to fasten the sensor in place (B).



Fig. 9



Fig. 10



Fig. 11

Press the intake outlet into the throttle body hose (A). Align the intake bracket to the vibra-mount stud (B). Place the fender washer over the stud and screw the m6 flange nut on the stud (C).



Fig. 12

Align the entire intake for best possible fit then continue to semi-tighten nuts, bolts and clamps just enough to hold the intake in place.





**Fig. 13**

Press stock breather hose over the 1/2" intake port. Use stock clamp to secure breather hose in place.



**Fig. 14**

Press harness plug over the sensor clip. A good connection is guaranteed when the sensor clip and plug have snap together.



**Fig. 15**

Short ram installation- Press the Injen filter over the end of the intake and fasten clamp located on the filter neck. Align intake for best possible fit. Once fitment has been cleared continue to tighten all nuts, bolts and clamps.



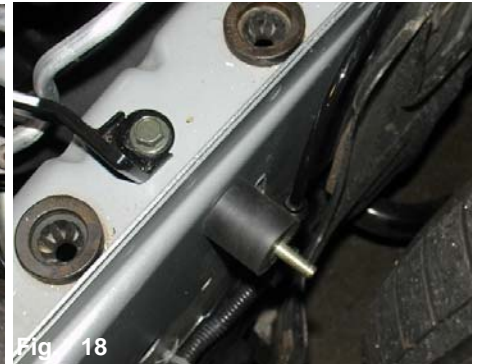
**Fig. 16**

The 3 1/2" straight hose is pressed over the end of the intake. Two .412 power-bands are use over the hose, only tighten the band on the intake side for now.



**Fig. 17**

Align and screw vibra-mount into the side frame. The vibra-mount will sit horizontal on the inside frame.



**Fig. 18**

The vibra-mount is screwed in until the bottom sits flush on the frame.



**Fig. 19**

Take the secondary intake and press the Injen filter over the end of the intake. Once the intake end has butted up against the filter stop, continue to tighten the filter neck clamp.



**Fig. 20**

Insert filter into the front wheel well while aligning the intake to the primary intake end.



**Fig. 21**

Insert secondary intake into the 3 1/2" straight hose located on the primary intake. Semi-tighten the .412 power-band to hold both intakes



**Fig. 22**

The intake bracket is aligned to the vibra-mount stud. The m6 flange nut and fender washer is used to secure the intake in place.



**Fig. 23**

A 3/8" 10mm socket and ratchet is used to tighten the m6 flange nut to the vibra-mount stud.





Fig. 24

The m6 flange nut and fender washer are tightened over the vibra-mount. The intake bracket should now be sitting flush with the vibra-mount top.



Fig. 25

The intake is aligned for the best possible fit. Once the entire length of the intake has been aligned, continue to tighten all nuts, bolts and clamps.



Fig. 26

The intake manifold cover is re-installed back to stock location. The side covers are also placed back to stock position. Start engine and listen for any vacuum leaks, rattling or rough idling. If everything checks out great and there are no visible obstructions, take your car for a drive to give the ECU time to re-calibrate.



Fig. 27

Congratulations! You have just completed the installation. Periodically, check the fitment of the intake system to make sure there is no rubbing or rattling along the length of the intake system. Failure to check the intake can cause permanent damage to the intake system which 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.
- 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.