



- Part number SP2070**
2000-04 Toyota MR2 Spyder
1.8L Cyl.
- 1- MR Tech cold air intake
 - 1- **3" small Injen filter** (#1011)
 - 1- 2.75" straight hose (#3043)
 - 1- M6 vibra-mount (#6020)
 - 1- M6 flange nut (#6002)
 - 1- Fender washer (#6010)
 - 2- Power-Bands (.312) .040 (#4003)
 - 1- m6 x m12 allen head screw (#6056)
 - 1- M8 bolt (#6018)
 - 1- M8 flange nut (#6017)
 - 1- Instruction



- Tools required:**
- 1. 8mm nut driver
 - 1- 10mm socket
 - 1- Phillips screwdriver
 - 1- Ratchet
 - 1- allen wrench set

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.



Hydro-shield X-1035





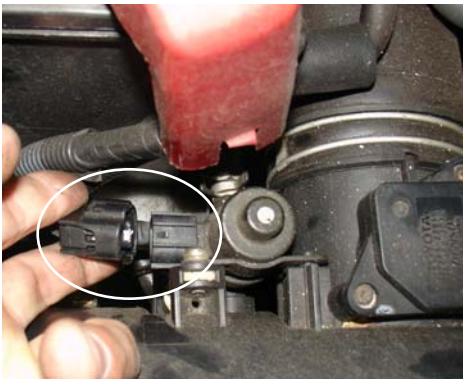
To make this installation easier, the stabilizer bar will have to be removed as shown above.



Stock engine compartment



The harness clip is disconnected from the mass air flow sensor.



The harness is now disconnected from the OBD sensor.



The OBD sensor vacuum hose is removed from the sensor port.



The vacuum switching valve is pulled from the holster that is built into the rubber intake duct.



The two vacuum lines are pulled from the saddles built into the rubber intake duct.



Loosen the throttle body clamp on the air intake duct and unlock the clamps surrounding the air intake box. Separate and remove the top section of the air box.



Remove the panel filter from the bottom section of the air box.



Unscrew the bolts that hold the air intake box in place. Pull the lower intake box from the engine compartment.



For the installation the air intake resonator is no longer required for this application.



In order to install the filter, the rear tail light will have to be removed.



Press the 2 3/4" straight hose over the throttle body. Use two power-bands on the hose and tighten the band on the throttle body side for now.



The intake is now lowered into the engine compartment to be positioned in place.



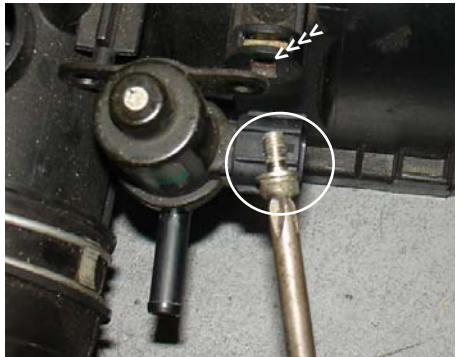
The top end of the intake is pressed into the throttle body straight hose as shown above. Align the intake bracket on the vibra-mount prior to tightening the power-band.



The intake bracket is aligned to the vibra-mount. Make sure that the bracket sits flush over the vibra-mount prior to fastening the bracket to the vibra-mount.



Use the m6 flange nut and fender washer to fasten the intake to the vibra-mount as shown above.



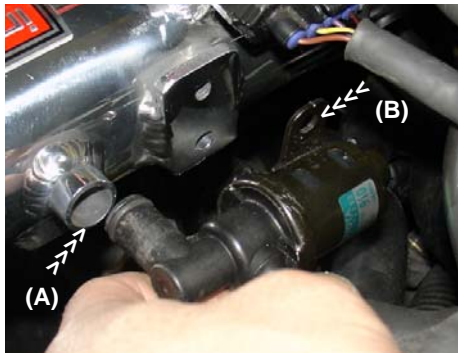
Removing the OBD sensor from the stock air intake box- Unscrew the m6 bolt that holds the OBD to the air box.



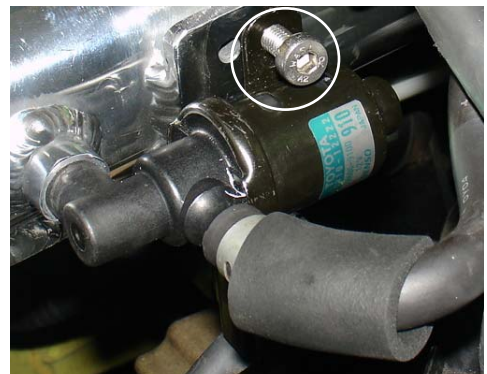
Once the m6 bolt has been removed, continue to pull the OBD sensor from the air box port hole.



Prior to installing the OBD sensor, connect the harness clip to the OBD sensor as shown above.



Press the OBD sensor port into the 1/2" intake port (A) while aligning the intake bracket to the sensor brace (B).



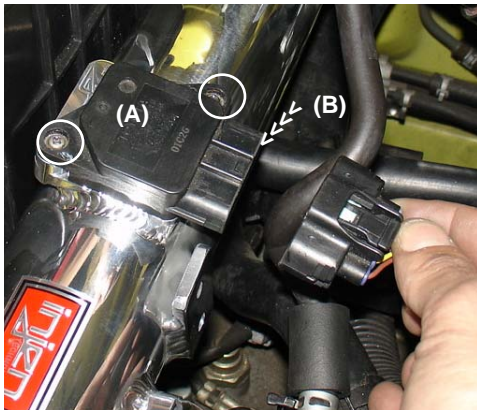
Once the OBD sensor has been pressed into the sensor hole and aligned to the intake bracket, continue to screw the allen head m6 bolt to the pre-drilled intake bracket.



Unscrew the two screws holding the mass air flow sensor to the sensor housing.



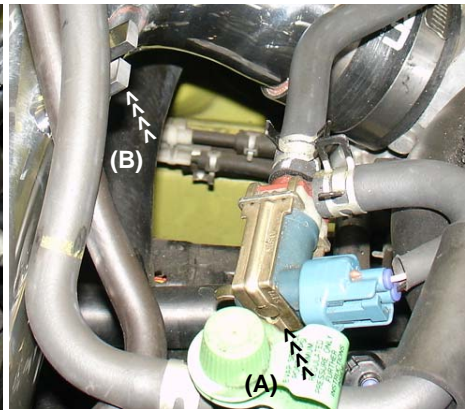
Insert the mass air flow sensor into the machined sensor adapter welded to the intake. Use the stock screws to secure the the sensor to the sensor adapter.



The stock screws have been used to secure the mass air flow sensor (A). Take the sensor harness and press it over the mass air sensor until it snaps in place (B).



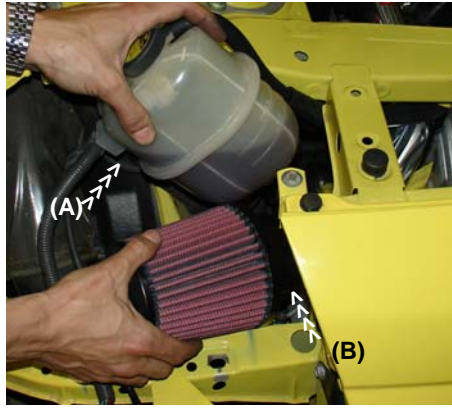
The harness has been connected to the mass air flow sensor (A). Use the zip tie to hold the two vacuum lines together and safe from any moving parts (B).



Attaching the vacuum switching valve to the intake bracket- Line up the VSV brace (A) to the intake bracket (B).



Use the m8 flange nut and bolt to attach the vacuum switching valve to the intake bracket.



Remove the power steering reservoir bottle from the reservoir post (A). Insert the filter into the open cavity and press the filter over the end of the intake (B).



Once the intake has been butted up to the filter stops, continue to tighten the filter neck clamp.



Align the entire intake for best possible fit. Once the intake has been properly fitted, continue to tighten all nuts and clamps.



Reinstall the stabilizing bar to all its mounting points and tighten all nuts and bolts. Congratulations! You have just completed to installation of the Worlds first tuned intake system.

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.