



Part number RD6061
2004-08 Mazda 3
2.0L/2.3L, 4 Cyl.

- 1- 2 piece cold air intake
- 1- **3" injen filter** (#1014)
- 2- 2.75" straight hose (#3043)
- 4- Power-Bands (.312) .040 (#4003)
- 1- 2"- 10mm hose (coupler) (#3077)
- 1- M6 vibra-mount (#6020)
- 2- M6 flange nut (#6002)
- 1- fender washer (#6010)
- 1- m6 x m16 hex bolt (#6005)
- 1- instruction





Figure 2
 Press the 2 3/4" straight hose over the throttle body. Use two clamps on the 2 3/4" hose but only tighten the clamp on the throttle body.



Figure 3
 Slip the remaining 2 3/4" straight hose over the end of the Primary intake. The side opposite of the machined adapter and vacuum port is the end where the hose will be placed, use a clamp to fasten the hose to the intake.



Figure 4
 Insert the primary intake into the engine compartment and insert the top end into the 2 3/4" hose on the throttle body. Semi-tighten the clamp on the intake side just to hold it place.

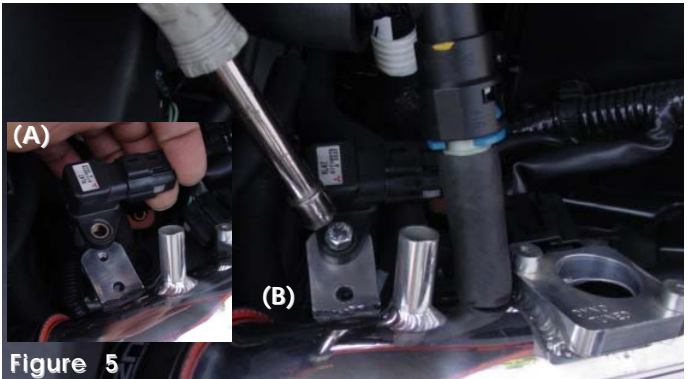


Figure 5
 Line up the solenoid with the locating pre-drilled tab to the bracket located on the intake. Use the m6 x m16 bolt and flange nut to fasten the solenoid to the bracket (B).

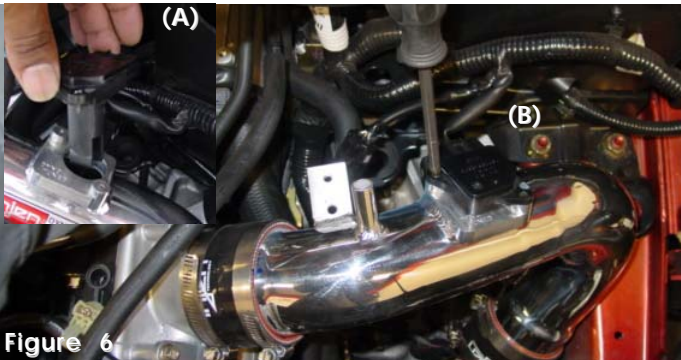


Figure 6
 Insert the mass air flow sensor into the machined adapter on the intake and locate in place (A). Use the stock screws to fasten the sensor into the machined adapter (B).

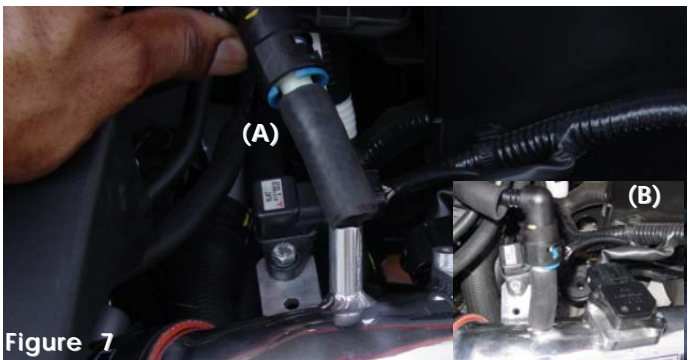


Figure 7
 Take the 2 inch-10mm coupler and press it over the air temperature sensor (A). Press the coupler with the air temperature sensor over the 1/2" port on the intake (B).



Figure 8
 Once the mass air flow sensor has been fastened reconnect the harness clip to the sensor until you hear it snap.



Figure 9
 Screw the vibra-mount into the bracket located on the side frame.
Note: The bumper will have to be removed in order to install the vibra-mount and secondary intake.



Figure 10

Take the secondary intake and insert the top end into the engine compartment by way of the bumper opening. The bracket on the intake will be facing outward.



Figure 11

The secondary intake will come up into the engine compartment. Line up and insert the top section of the secondary intake into the end of the primary intake. Press the primary and secondary intake together and semi-tighten the clamp.



Figure 12

View of the primary and secondary intake butted up together.



Figure 13

The bracket on the end of the secondary intake is lined up to the vibra-mount stud.



Figure 14

Press the filter neck over the end of the secondary intake and tighten the clamp on the filter neck.



Figure 15

Congratulations! You have just completed the installation this Dyno-tested intake system. Enjoy the added performance and be sure to follow proper maintenance procedures.

1. Once the installation is complete, reconnect the negative battery terminal before you start the engine.
2. Align the entire intake system for 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 to make sure that there is proper clearance around and along the length of the intake. Failure to follow proper maintenance procedures may cause damage to the intake system 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
6. Congratulations! You have just completed the installation of the best intake system sold on the market. Enjoy the added power and performance on your new intake system.