



Part number RD6061

2004-09 Mazda 3 2.3L 4 cyl.

2004-09 Mazda 3 2.0L 4 cyl.

Important: Read the information on the lower right hand side for vehicles that are **not CARB exempt.**

- 1- 2 piece cold air intake
- 1- **3" injen/Amsoil dry 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)
- 2- m4 x 10mm button head (#6047)
- 1- m6 x m16 hex bolt (#6005)
- 1- instruction

Note: Use only Injen replacement parts when making any changes to this kit.
Buy on-line at:
"injenonline.com"

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

Congratulations! You have just purchased the best engineered, dyno-proven cold 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

Note: Changes made to the cold air intake or any filter components may hinder the performance of the intake and void current CARB exemption number.

IMPORTANT:

The following vehicles are excluded from this Executive order number: These vehicles will be considered to be for off road use only, Look for the following engine test group numbers listed below:

- 2005 & 2006 Mazda 3 2.0L 4 cyl. vehicles will not be CARB exempt**
- 2007 & 2008 LEV2, SULEV Engine test group numbers - 7TKXV02.3NG1**
- 8TKXV02.0NH1**
- 8TKXV02.3NH1**



Figure 1



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.

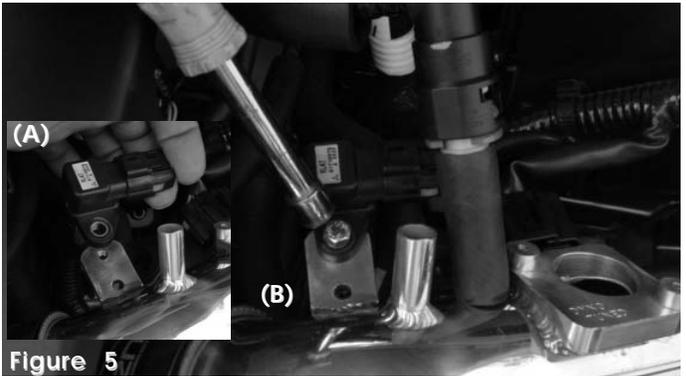


Figure 5
 Line up the solenoid with the locating pre-drilled tab to the bracket located on the intake. Use the m6 x m16 bolt and flange nut to fasten the solenoid to the bracket (B). Some models may not have this solenoid. If your vehicle is not equipped with this solenoid, please skip to figure 6

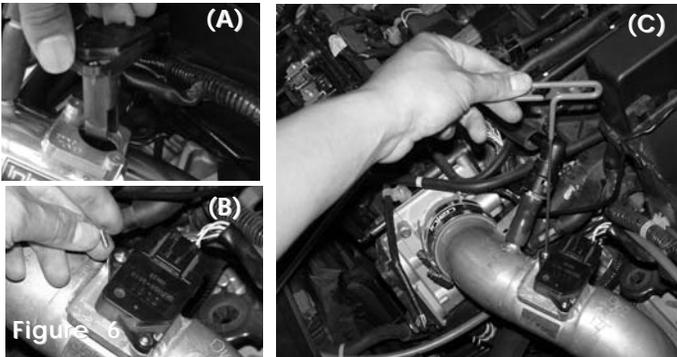


Figure 6
 Insert the mass air flow sensor into the machined adapter on the intake and locate in place (A). Use the two supplied M4 bolts to fasten the sensor into the machined adapter (B). Use a 2.5mm allen driver to tighten the M4 bolts to the MAF (C)

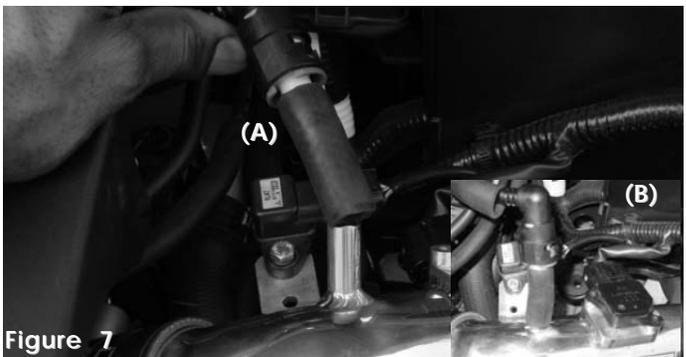


Figure 7
 Take the 2 inch-10mm coupler and press it over the air temperature sensor (A). Press the coupler with the air temperature sensor over the 1/2" port on the intake (B).



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 (can be bought on-line at "injenonline.com").
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.