



**Part number RD6066p
2003-04 Mazdaspeed
Protege**

- 1- Two piece cold air intake
- 1- 2.75" Injen filter (#1013)
- 1- 2.25" straight hose (#3035)
- 2- 2.75" straight hose (#3043)
- 4- medium clamps (.048) (#4004)
- 2- small clamps (.040) (#4003)
- 1- 13" -10mm vacuum hose (#3077)
- 1- vibra-mount (#6020)
- 1- m6 nut (#6002)
- 1- m6 x m25 bolt (#6006)
- 2- fender washers (#6010)
- 1- Injen license plate frame (#9010)
- 1- Instruction

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 285 Pioneer Place Pomona, CA 91768 USA

Please check the contents of this box immediately.

Note: This intake system was Dyno-tested with an Injen filter and Injen parts the use of any other filter or part will void the warranty and CARB exemption number.

Parts and accessories are available on line at:

"Injenonline.com"





Figure 2

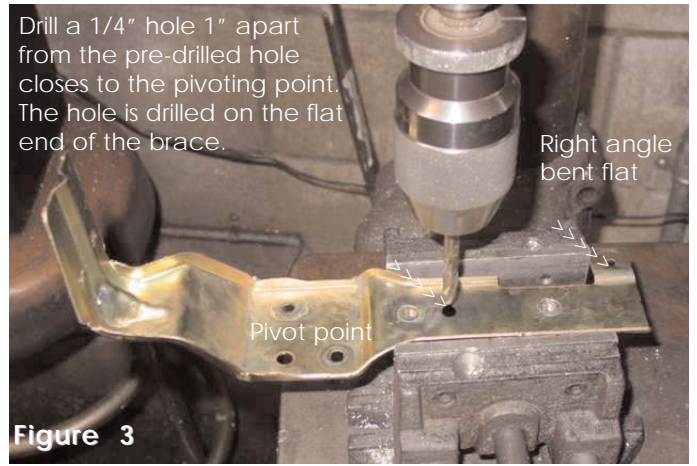


Figure 3

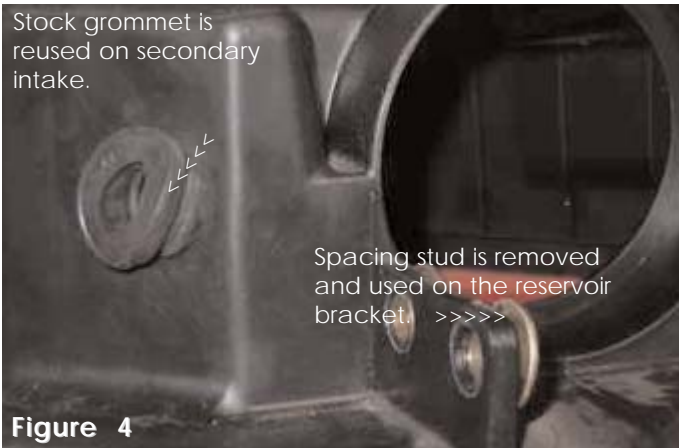


Figure 4

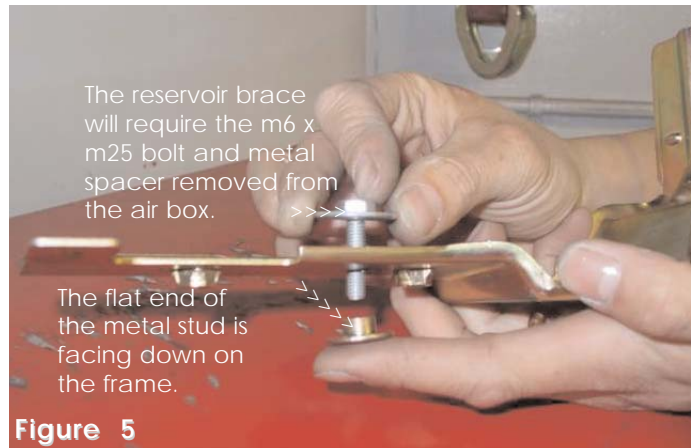


Figure 5

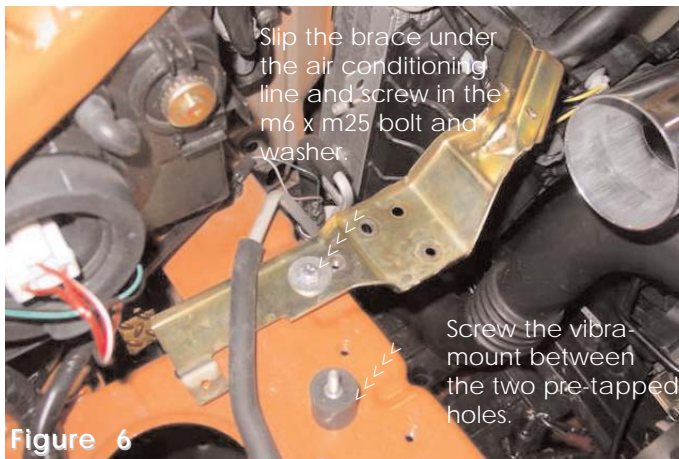


Figure 6



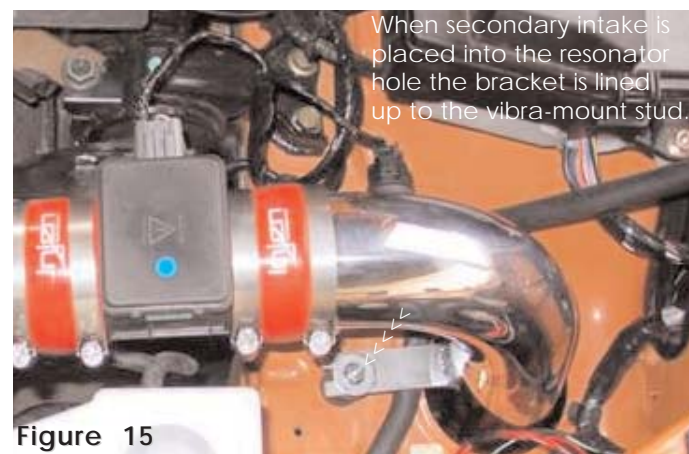
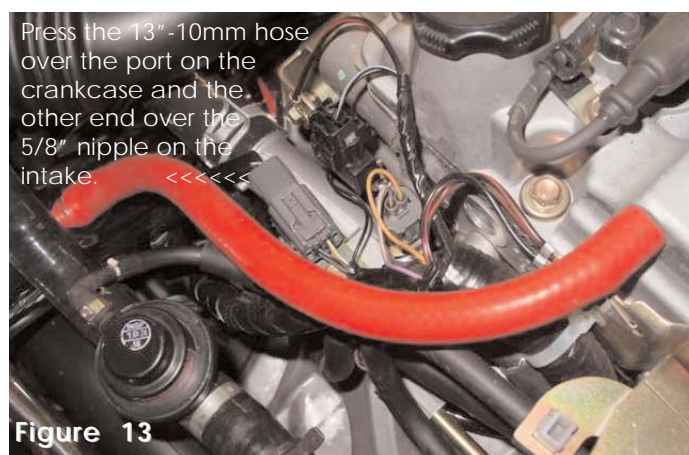
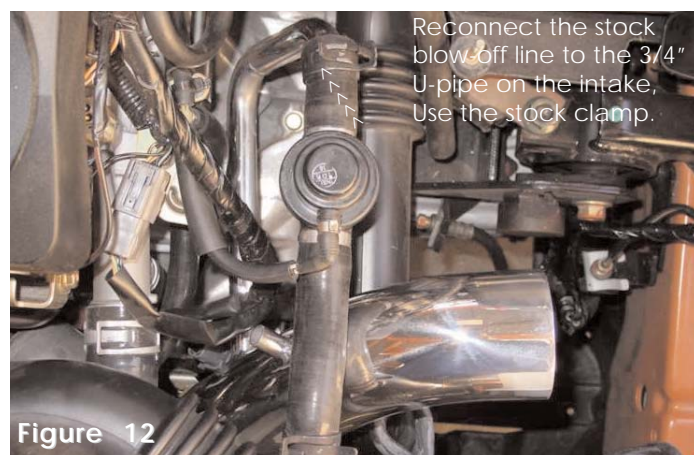
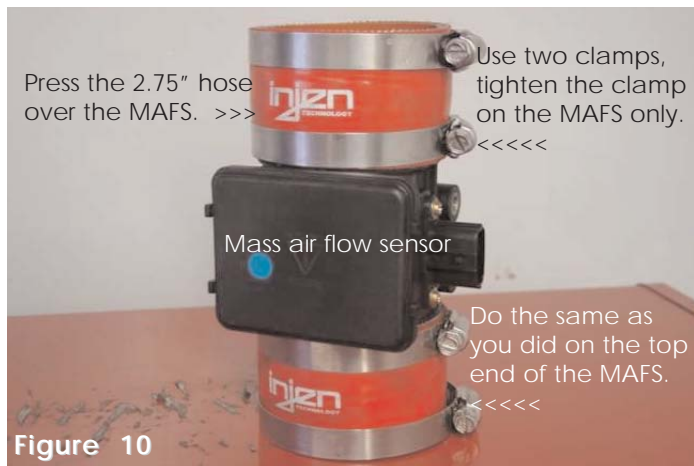
Figure 7



Figure 8



Figure 9



Note: Disconnect the negative battery terminal before starting this installation

- 1- Remove the stock air intake box and duct that leads to the turbo. Remove the windshield reservoir bottle and set it to one side. The brace holding the bottle upright will also come out at this point. You will need to remove the mass air flow sensor from the stock air box in order to install the cold air intake. This installation requires unscrewing screws and remove the press pins from the bumper and splash guard in order to pull the wheel liner or splash guard open. Having easy access into the drivers side bumper area will ease the installation of the filter later on the in instructions. (See fig. 17)
- 2- Take the windshield reservoir brace and flatten the small right angle on the narrow end of the brace, a vice or mallet is required for this procedure. (See fig. 2)
- 3- Secure the brace in a vice and use a hand drill or drill press to drill a 1/4" hole on the flat section of the brace. (See fig. 3)
- 4- Remove the stock grommet and metal stud from the stock air box these item will be used later in the instructions. (See fig. 4)
- 5- Take the m6 x m25 bolt and fender washer in this kit and place it into the hole just drilled. Insert the metal stud with the washer end facing down over the m6 bolt. (See fig. 5)
- 6- Position the assembled brace to the frame of the car and fasten the m6 bolt. (See fig. 6)
- 7- Take the vibra-mount and screw the stud into the frame of the car besides the brace, make sure that it is screwed in all the way. (See fig. 6)
- 8- At this point slip the windshield reservoir tank over the modified brace and make sure that it is properly secured with all lines attached to it. (See fig. 7)
- 9- Press the 2 1/4" straight hose over the turbo inlet and use two clamps, tighten the clamp on the turbo at this point. (See fig. 8)
- 10- Take the primary intake and press the stock grommet into the 3/4" pre-drilled hole on top of the intake. (See fig. 9)
- 11- Take the mass air flow filter and press the 2 3/4" straight hose over each end of the mass air flow sensor, use the four clamps and tighten the clamps to the inside of the hose securing the hose on the sensor. (See fig. 10)
- 12- Press the narrow end of the primary intake into the 2 1/4" hose on the turbo. Position the intake as best as possible and semi-tighten the clamp. (See fig. 11)
- 13- Press the 3/4" U-bend tube on the intake into the stock blow-off valve hose and tighten the stock clamp to the the end of the 3/4" tube. (See fig. 12)
- 14- Take the 13"-10mm vacuum hose and press one end over the port on the crankcase. Press the other end over the 1/2" nipple on the intake. (See fig. 13)
- 15- Take the assembled mass air flow sensor and slip the directional end over the end of the primary intake, semi-tighten the clamp on the intake at this point. Press the harness clip into the mass air flow sensor before moving on to the next step. (See fig. 14)
- 16- Take the secondary intake and slip the filter end into the resonator opening, align the bracket on the intake to the vibra-mount stud and use the m6 nut and fender washer. Once the intake has been positioned in place press the upper end into the hose on the mass air flow sensor. Press the air temperature sensor into the the stock grommet pressed into the 3/4" hole early in step 10. (See figs. 15 and 16)
- 17- Separate the splash guard between the bumper and the front wheel. Take the filter and press it over the end of the intake and tighten the clamp on the filter. (See fig. 17)
- 18- Once you have made proper clearance throughout the length of the intake continue to tighten all nuts, bolts and clamps. (See fig. 1)
- 19- Remove all tools and rags from the engine compartment and reconnect the negative battery terminal prior to starting the engine.
- 20- Congratulations! You have just completed the installation.