



**Part number RD1220**  
**98-99 Subaru Impreza RS 2.5**

- 1- 2 pc. cold air intake
- 1- 2 3/4" billet adapter (#14005)
- 1- 2 3/4" Injen filter (#1013)
- 2- 2 3/4" straight hose (#3043)
- 1- 3.00" Hump hose (#3033)
- 1- m6 x m12 bolt (#6003)
- 2- m6 washers (#6010)
- 4- m6 x m25 bolts (#6006)
- 1- vinyl trim flex-grip (12") (#6023)
- 1- 27"-10mm hose (line #1) (#3077)
- 1- 14"- 10mm hose (line #2) (#3077)
- 1- 15"-10mm hose (line #3) (#3077)
- 1- 12"-15mm hose (line #4) (#3079)
- 6- medium clamps (.048) (#4004)
- 1- instruction



Figure 1



**Note: Disconnect the battery terminals before starting this installation.**

1. Remove the air intake box and air intake duct leading to the throttle body. For this installation you will also need to remove the front bumper and intake resonator box. Disconnect the harness and remove the air mass sensor from the air intake box. You can also raise the front end of the car and remove the passenger side tire. Unscrew the screws holding the wheel well guard and pull back. This will enable you to place the filter through the wheel well.
2. Press the 2 3/4" straight hose over the throttle body. Tighten the clamp on the throttle body at this point. See fig. 2
3. Remove the stock m8 bolt from the runner holding the ground line. See fig. 3  
Replace with the m6 x m12 bolt and two washers supplied. See fig. 7
4. Take the air mass sensor and slip the 3" hump hose over the round end of the sensor, use two clamps and tighten the clamp on the sensor side. See fig. 4  
Butt the billet flange to the flat end of the air mass sensor and use the 4- m6 x m25 bolts to attach the flange and MAFS together. See fig. 4  
Slip the 2 3/4" hose over the round lip on the billet adapter and use two clamps, tighten the clamp on the round lip at this point. See fig. 4
5. Take the primary intake and make the following connections as illustrated in figure 6.  
**Line #1-** 27"-10mm will connect to the driver side valve cover port and to the 1/2" nipple on the intake. See fig. 6  
**Line #2-** 14"-10mm hose will connect to the passenger side valve cover port and to the 1/2" nipple on the intake. See fig. 6  
**Line #3-** 12"-10mm hose will connect to the T-fitting on the intake manifold and to the 1/2" nipple on the intake. See fig. 6  
**Line #4-** 12"-15mm hose will connect to the air sensor on the throttle body and to the 15/8" nipple on the intake. See fig. 6
6. Press the radius end with the nipple into the 2 3/4" hose on the throttle body. Align the bracket on the intake to the vibra-mount stud. Be sure to slip the bracket between the two washers and semi-tighten at this point. See figs. 6 and 7
7. Take the assembled air mass sensor and press the end with the hump hose over the end of the primary intake. See fig. 8 Use the vinyl trim around the opening leading to the bumper as seen in figure 8.
8. Take the secondary intake and insert from the bumper section up into the 2 3/4" straight hose on the billet adapter. See fig. 8
9. Press the 2 3/4" Injen filter over the end of the secondary intake and tighten the clamp tight. See fig. 9
10. Align the entire intake for best fit. Once proper clearance has been made continue to tighten all nuts, bolts and clamps. See fig. 1
11. Remove all tools and rags from the engine compartment, reconnect the battery terminals and connect the harness to the air mass sensor. It is now safe to replace the front bumper to its original location.
12. Congratulations! you have just completed this installation.