



Part Number RD1200

**Subaru
02-06 Impreza WRX
(non wagon)
2004 Impreza Sti
2.0L 4 cyl.**

- 1- Injen cold air intake
- 1- **2.75" Injen filter (#1013)**
- 1- 2 7/8" straight hose (#3050)
- 2- power-bands(.362)(.048) (#4004)
- 1- m6 vibra-mount (#6020)
- 1- m6 nut (#6002)
- 1- Fender washer (#6010)
- 1- 12" - vinyl trim flex-grip (#6023)
- 1- instruction



Note: 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 can be difficult. Have a professional mechanic install this intake system. **Injen Technology now sells Exhaust, up pipe, down pipe, cross pipe, and a full built-on front mount intercooler with all pipes and connecting hoses but best of all there is no need to cut the front bumper in order to mount the intercooler.**



Figure 1

Now available, Hydro Shield by Injen
Part Number X-1033



Hydro Shield Sold Separately



Figure 2

Remove the front bumper and resonator box from the passenger side bumper.

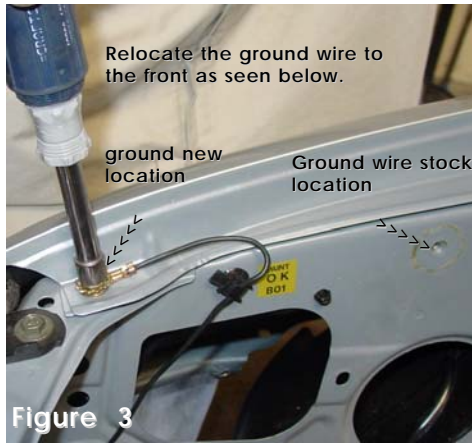


Figure 3

Relocate the ground wire to the front as seen below.

ground new location

Ground wire stock location

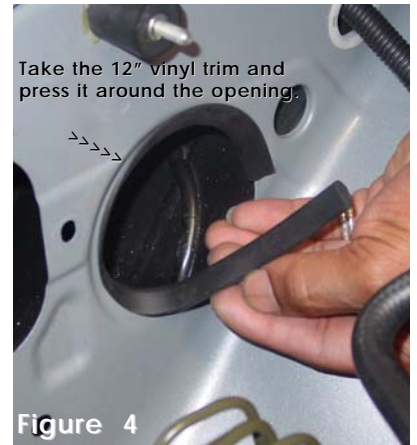


Figure 4

Take the 12" vinyl trim and press it around the opening.

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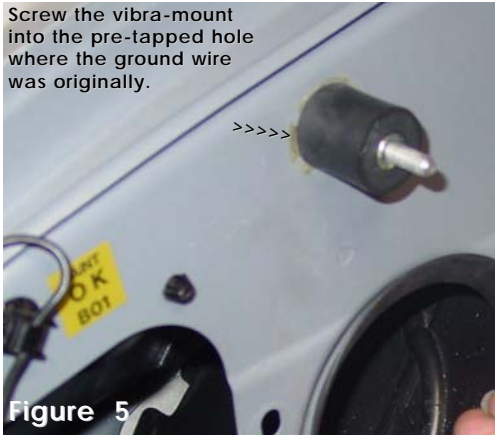


Figure 5

Screw the vibra-mount into the pre-tapped hole where the ground wire was originally.

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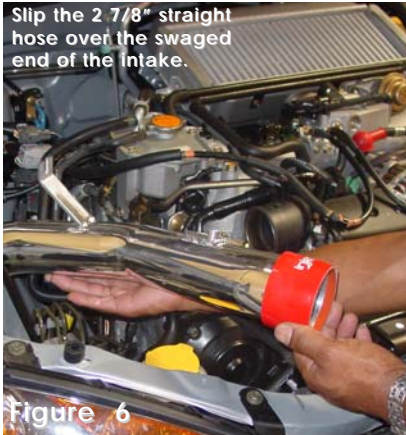


Figure 6

Slip the 2 7/8" straight hose over the swaged end of the intake.

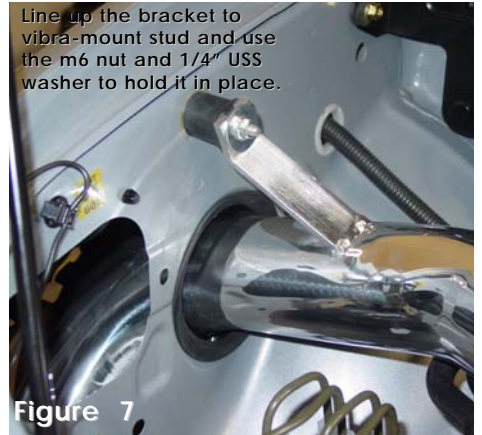


Figure 7

Line up the bracket to vibra-mount stud and use the m6 nut and 1/4" USS washer to hold it in place.

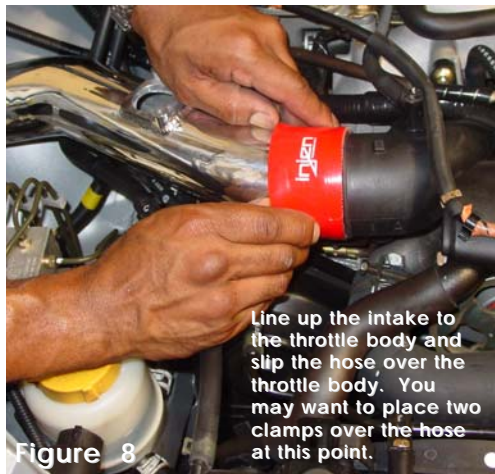


Figure 8

Line up the intake to the throttle body and slip the hose over the throttle body. You may want to place two clamps over the hose at this point.



Figure 9

The clamps will be placed over the hose and semi-tightened at this point.

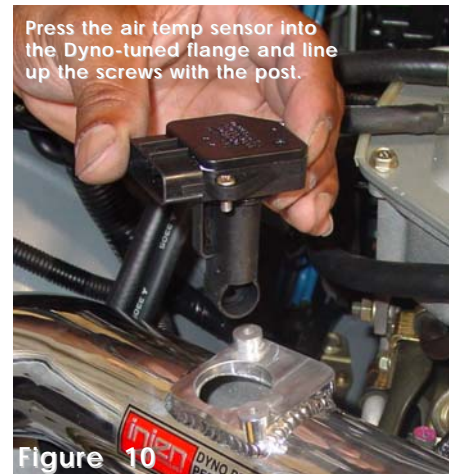


Figure 10

Press the air temp sensor into the Dyno-tuned flange and line up the screws with the post.

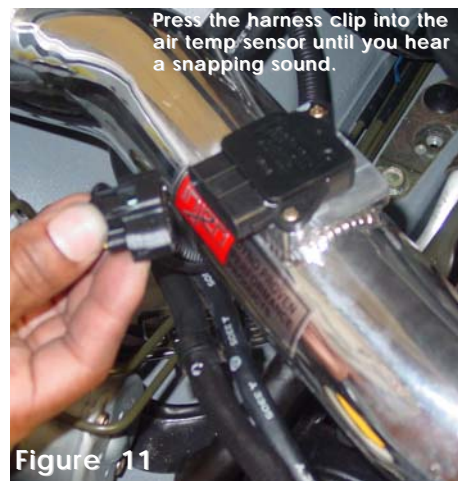


Figure 11

Press the harness clip into the air temp sensor until you hear a snapping sound.

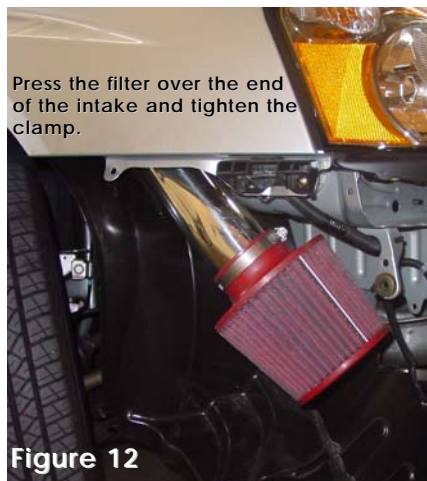


Figure 12

Press the filter over the end of the intake and tighten the clamp.

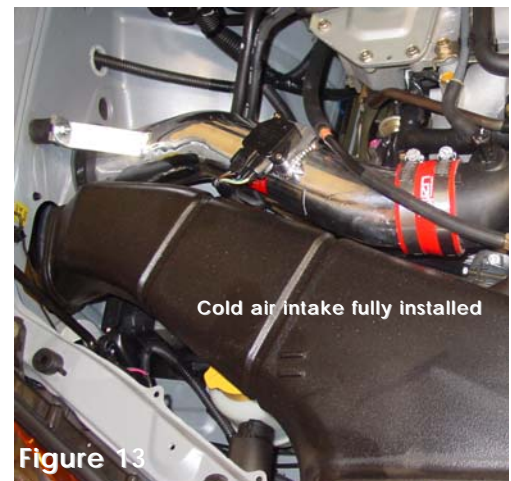


Figure 13

Cold air intake fully installed

Note: Disconnect the negative battery terminal prior to starting this installation.

- 1- Injen recommend that you remove the front bumper in order to make this installation easier. Unscrew the 3-m10 bolts on the head lamps and remove the main clips below the head lamps and do the same for the rest of the pressure clips. Once the bumper has been removed take out the resonator box in the lower section of the bumper located on the passenger side, this is where the filter will be located. Continue to remove the stock air intake box, air intake duct and air temperature sensor located on the air box. (See fig.2)

Second option if you do not wish to remove the front bumper
- 2- You may also install the intake through the wheel well by lifting the car and removing the passenger side tire. Remove the plastic pressure clips and two screws holding the plastic wheel well guard in place, pull back the plastic guard and remove the resonator box bolted on the frame. Once the resonator box is removed insert the filter into the cavity.
- 3- Unscrew the m6 bolt holding the ground wire in the inside fender well. (See fig. 3) Unscrew the m6 bolt on the top corner of the fender and relocate the ground wire. Use the same m6 stock bolt to secure the ground wire in place. (See fig. 3)
- 4- Take the 12" vinyl trim and press it around the opening of the resonator opening. This will prevent any damage to the intake do to sharp edges in the resonator opening, in-doing so, this will enhance the life of the cold air intake. (See fig. 4)
- 5- Take the vibra-mount and screw it into the pre-tapped hole on the inside of the fender well. This is the location where the stock ground wire once was. (See fig. 5)
- 6- Slip the 2 7/8" straight hose over the throttle body end of the intake. Take the two medium clamps and place them over the 2 7/8" straight hose but do not tighten any of the clamps yet. (See fig. 6)

Note: Figure six shows the 2 7/8" straight hose with-out the clamps in place.
- 7- Insert the filter end into the resonator opening and line up the bracket to the vibra-mount stud. Use the m6 nut and fender washer to hold the intake in place. (See fig. 7)
- 8- Line up the throttle body end of the intake to the turbo inlet and slide the 2 7/8" hose over to the turbo inlet. (See fig. 8) Tighten the clamp on the intake end and semi-tighten the clamp on the turbo inlet side at this point. (See fig. 9)
- 9- Take the air temperature sensor and insert it into the machined dyno-tuned bracket on the intake and use the stock self tapping screws to secure the air temperature sensor in place. (See fig. 10)
- 10- Take the harness clip and insert it over the air temperature sensor until you here a firm snap, this will insure a good connection. (See fig. 11)
- 11- Take the Injen filter and slip it over the lower end of the intake in the bumper area and tighten the clamp on the filter. (See fig. 12)
- 12- Align the entire cold air intake for best fit. Once proper clearance has been made through-out the length of the intake continue to tighten all nuts, bolts and clamps. (See figs. 1 and 13) Replace the front bumper, head lights and fog lights back to its original position and reconnect the negative battery terminal. Remove all tools and rags from the engine compartment before starting the engine. Optional: The air scoop is replaced more for looks rather than function.
- 13- Congratulations! You have just completed the installation.