



Part number SP1511
07-08 Honda Fit 1.5L, 4cyl.

- 1- Three piece cold air intake
- 1- 2.75" Injen filter (#1013)
- 1- Two bend silicone wrap hose (#3046)
- 1 2.50" straight hose (#3048)
- 4- power-bands(.040)(.312) (#4003)
- 1- 1525 sensor grommet (#6014)
- 1- 3" 8mm vacuum hose (#3091)
- 1- m6 vibra-mount (#6020)
- 1- m6 flange nut (#6002)
- 1- Fender washer (#6010)
- 1- 5 page Instruction

Hydro-shield sold for this application is X-1033



Tools used:

- 1- Phillips screw driver
- 1- Flat head screw driver
- 1- 8mm nut driver
- 1- 10mm socket
- 1- Ratchet
- 1- Pliers

Note: The 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 may be difficult. In addition to removing the bumper, you will also have to remove the air resonator box, battery and tray when beginning this installation. **Injen strongly recommends that this system be installed by a professional mechanic.**

MR Technology, "The World's First Tuned Intake System!"

Optimum performance, Factory safe air/fuel ratio.

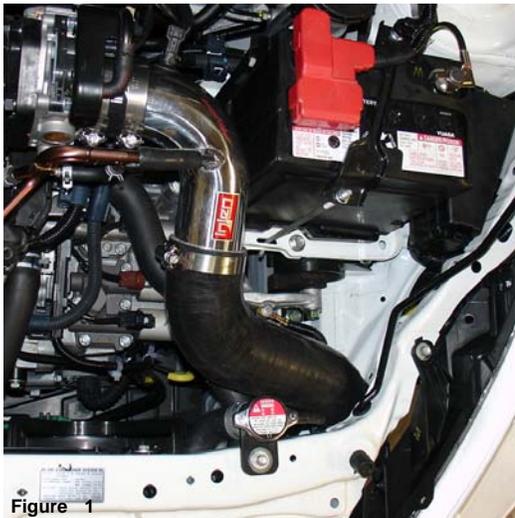


Figure 1



Figure 2

Hydro-shield X-1033





Figure 3

Prior to installing this cold air intake system, remove lower screws by the wheel well and the remaining plastic retaining clips. Once the plastic clips and screws have been removed, continue to slide the bumper off.



Figure 4

Unscrew the two bolts as shown above and loosen the clamp at the throttle body in order to remove the air box cleaner and duct.



Figure 5

Pop the plastic head cap and remove the clip from the fender wall as shown above. Loosen the battery tie and push battery closer to the fuse box. This will allow more room between the battery and intake.



Figure 6

Using pliers, unhook the metal pressure clamp and pull the stem out from inside the air box cleaner.



Figure 7

Lift the rear section of the air box cleaner and remove the air temperature sensor from the grommet.



Figure 8

Once all lines and clamps have been removed from the air box cleaner, continue to lift and pull the air box cleaner from the engine compartment.

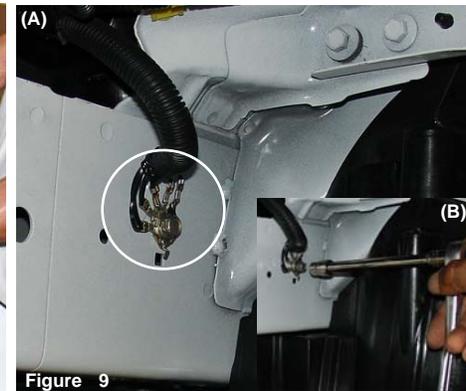


Figure 9

Ground wire to be removed from its stock location (A). Use a 10mm socket to loosen and remove the ground wire harness from the frame (B).



Figure 10

The 6mm screw is removed to relocate ground wire to the top cross member section as shown above.

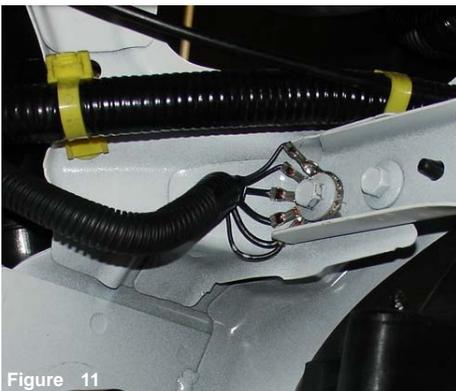


Figure 11

The have successfully relocated the ground wire connection.



Figure 12

Align vibra-mount and screw one end into the pre-tapped hole where the ground wire connections where located.



Figure 13

Screw the vibra-mount into pre-tapped hole until the vibra-mount can no longer be screwed in.



Figure 14
The first top clip is removed by compressing the tabs and pressing the pin through the hole.



Figure 15
The second plastic clip is removed from the fender wall area.



Figure 16
The inner plastic plug is removed from the main frame support.



Figure 17
The plastic front cover is removed from the engine compartment.



Figure 18
The harness clip is compressed and push through the fender in order to free the electrical harness.



Figure 19
The harness is pulled away from the fender until a clear path has been created for the silicone intake.



Figure 20
Insert the 1560 grommet into the pre-drilled hole located on the intake.



Figure 21
The sensor grommet is now sitting flush in the pre-drilled intake hole.



Figure 22

Press the straight hose over the throttle body and use two power-bands.



Figure 23

Press the primary intake into the throttle body hose as shown above, and semi-tighten the power-band.



Figure 24

Press the air temperature sensor into the intake grommet, until it sits flush with the grommet.



Figure 25

Press the 4"-10mm hose over the PCV hard line as shown above.



Figure 26

Insert the Crank case hard pipe into the 3"-8mm silicone hose located on the intake port.



Figure 27

The air temp sensor, and hard pipe breather line have now been connected to the primary intake.

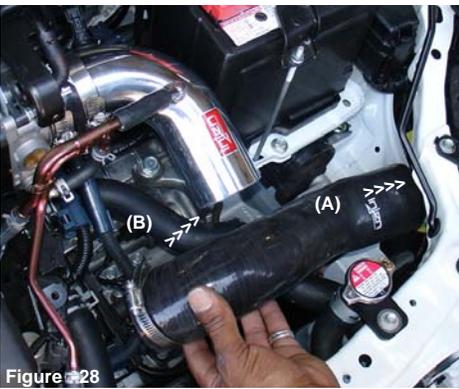


Figure 28

The silicone intake is inserted into the front opening between the head light and the harness location (A). The silicone intake is slipped into the opening until the top end is lined up to the primary intake. (B)



Figure 29

Approximately one inch of the silicone intake is pressed over the primary intake end. Once you have aligned the Primary intake to the silicone intake continue to fasten the Power clamp.



Figure 30

The filter is pressed over the secondary intake until the filter velocity stacks are flush with the intake. Once the filter is sitting flush, continue to tighten the filter neck clamp.



Figure 31

Insert the secondary assembled intake into the upper bumper section and into the end of the silicone hose.

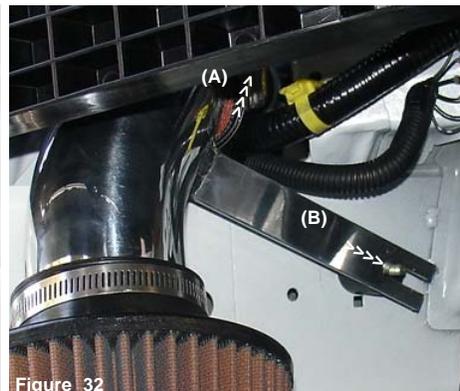


Figure 32

The secondary intake is pressed into the silicone intake (A). The intake bracket is aligned to the vibra-mount stud (B).



Figure 33

The m6 flange nut and fender washer is placed over the vibra-mount stud and the nut is tightened over the bracket.



Figure 34

The assembled secondary intake and filter are now aligned and pressed into the silicone intake. The silicone power-band is now ready to be tightened over the secondary intake.



Figure 35

Top view of the cold air intake fully installed. The entire intake is now aligned prior to tightening any nuts and bolts.



Figure 36

Align the entire intake for the best possible fit. Once the intake has been cleared from all moving parts, continue to tighten all nuts, bolts and clamps. Periodically, check the fitment of the entire intake to prevent damage to the intake.

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