



Part number SP7024
05-06 Chevy Cobalt 2.2L
2007 Chevy Cobalt SS 2.4L

- 1- Two piece cold air intake
- 1- **3" Injen filter** (#1014)
- 2- 3" straight hoses (#3044)
- 1- 2 3/4" x 3" x 2 1/2" long step hose (#3120)
- 1- **1545 Cast Head** (#14001)
90 deg. cast aluminum short elbow
- 1- M6 vibra-mount (#6020)
- 1- M6 flange nut (#6002)
- 2- fender washer (#6010)
- 5- Power-Bands (.362) .048 (#4004)
- 1- Power-Bands (.312) .040 (#4003)
- 1- 7" - 12mm Heater hose (#3078)
- 1- Instruction



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. It is recommended that this system be installed by a professional mechanic. Be sure to disconnect the negative terminal before proceeding.





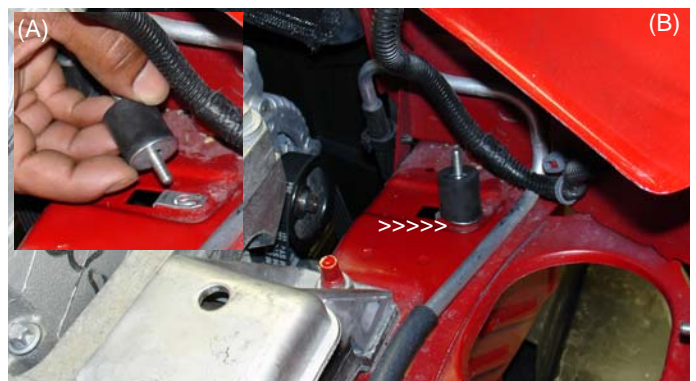
Remove the mass air flow sensor from the stock air intake box. Set the sensor to one side to be used later in the instruction.



Once the stock clamps have been loosened remove the entire air intake box from the engine compartment.



Take the fender washer and place it over the vibra-mount stud. This fender washer will be used as a spacer to raise the primary intake.



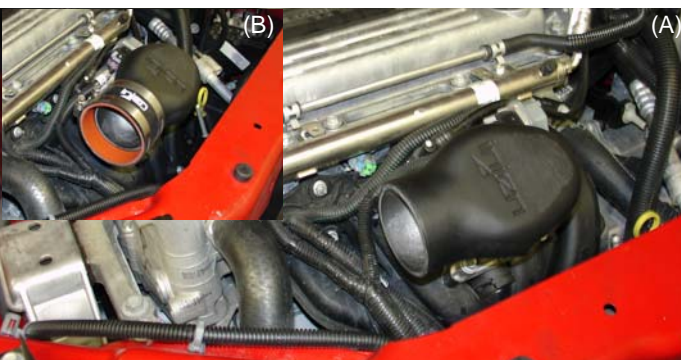
Remove the 6mm bolt (A). Place the vibra-mount with the fender washer into the pre-tapped hole and turn the vibra-mount into the tapped hole until it bottoms out (B).



Press the 2 3/4" x 3" step hose over the throttle body and use two clamps on the hose, tighten the clamp on the throttle body at this time.



Take the specially designed aluminum elbow and press it over the throttle body hose.



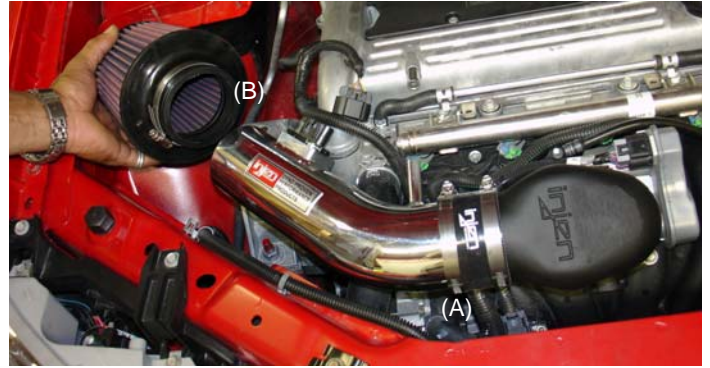
Position the elbow in place so that it faces the passenger side fender well (A). Once the elbow has been aligned press the remaining 3" hose over the end of the elbow and use two clamps (B).



Take the MAFS removed earlier from the stock air intake box and press it into the machined adapter. Use the stock sensor screws to reattached the MAFS into the machined adapter.



Take the primary intake and press the end into the hose on the cast aluminum elbow.



Once the primary intake has been set in place semi-tighten the clamp on the intake side (A). Take the filter and press it over the end of the intake and tighten the clamp on the filter neck (B).



Take the 7" 12mm heat hose and press one end over the crankcase port (A) and the other end over the intake port (B).



Locate the stock harness clip and plug it into the MAFS. Press the harness into the sensor until you here it snap in place.



The short ram is now fully installed and ready to go.



To convert your intake system into a cold air intake take the 3" straight hose and press it over the end of the primary intake. Use two clamps from the kit to place them over the hose and tighten the clamp on the intake.



Take t the secondary intake and insert it into the resonator opening.



Once the secondary intake has been inserted into the resonator opening align the bracket to the vibra-mount stud.



While the intake bracket is located on the vibra-mount stud press the top end of the secondary intake into the 3" hose on the primary intake. Once both intakes have been aligned to each other continue to semi-tighten the clamp.



Take the 6mm flange nut and fender washer and secure the intake bracket to the vibra-mount stud.



Press the Injen filter over the end of the secondary intake. Press the filter over the intake until it butts up against the stops built inside of the filter neck. Do not over run the intake end past the filter stop, this may obstruct the air flow if incorrectly installed.



Once the cold air intake has been installed align the entire intake for best possible fit. Make sure there is no rubbing parts along the length of the intake then continue to tighten all nuts, bolts and clamps. Periodically, check the alignment to avoid any damage to the intake system.

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.