



**Part number SP7030
05-06 Pontiac G6 V6 3.5L**

- 1- Two piece cold air intake
- 1- short ram conversion pipe
- 1- **2 3/4" Injen filter** (#1013)
- 2- Power-Bands (.312) .040 (#4003)
- 2- Power-Bands (.362) .048 (#4004)
- 2- Power-Bands (.412) .056 (#4005)
- 1- 2.75" 90 degree elbow (#3095)
- 1- 12" vinyl trim flex (#6023)
- 1- M6 vibra-mount (#6020)
- 1- M6 male/female vibra-mount (#6028)
- 2- M6 flange nuts (#6002)
- 2- fender washers (#6010)
- 1- 3 3/8" straight hose (#3117)
- 1- 3 1/8" straight hose (#3054)
- 1- 7 1/2" 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. Prior to installing this cold air intake, disconnect the negative battery terminal.





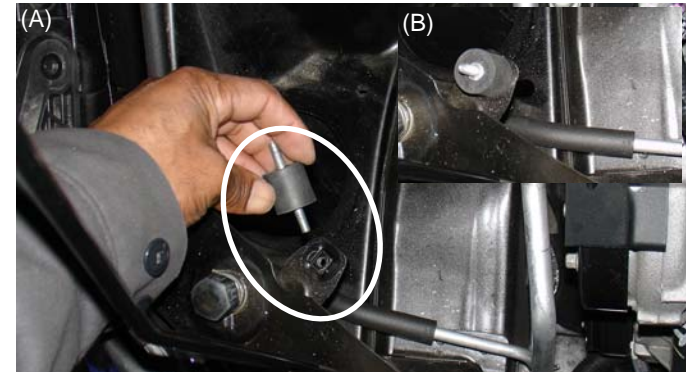
Loosen the clamps and m6 bolt to remove the stock air intake duct that connects the stock air box to the throttle body.



Loosen the m6 bolts that secure the stock air box to the mounting points. Remove the air intake box from the engine compartment (A). Once the stock air box has been removed the engine compartment loosen the bolts that hold the mass air flow sensor to the stock air box (B). Remove the O-ring from the mass air flow sensor which will not be used in this installation (C).



With the front bumper out of the way (A), remove the plastic clip (B) that secures the stock resonator duct in the front bumper passenger area. Continue to remove the air resonator duct in order to make room for the Injen filter.



Take the vibra-mount and screw it into the pre-tapped metal bracket located on the front passenger side, above the head lamp (A). The vibra-mount will set flush on the metal bracket (B).



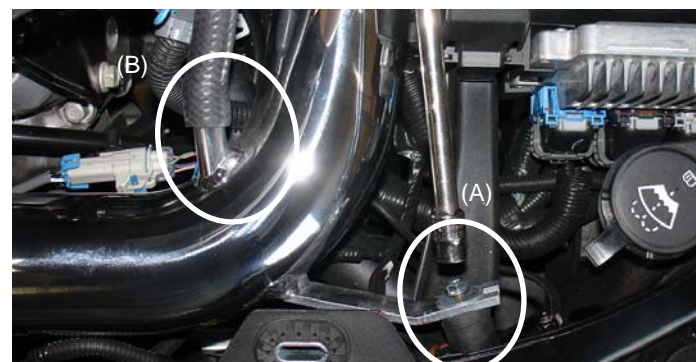
Take the male/female vibra-mount in this kit and screw the female end over the threaded stud securing the grounding wire..



Press the 2 3/4" silicone elbow over the throttle body. Use two clamps in this kit to place them over the ends of the silicone elbow, semi-tighten the clamp on the throttle body side. Take the 12mm hose and press one end over the crankcase hard pipe as shown in the picture (B).



Take the primary intake and press the end with the 90 degree bend into the elbow on the throttle body (A). Once the intake has been pressed into the silicone, align the bracket on the intake to the vibra-mount stud (B).



Using a 10mm socket or nut driver screw the 6mm flange nut and fender washer on the vibra-mount stud (A). Take the 7 1/2" 12mm reinforced vacuum hose and one end over the crankcase port and the other end over the 5/8" port on the intake (B).



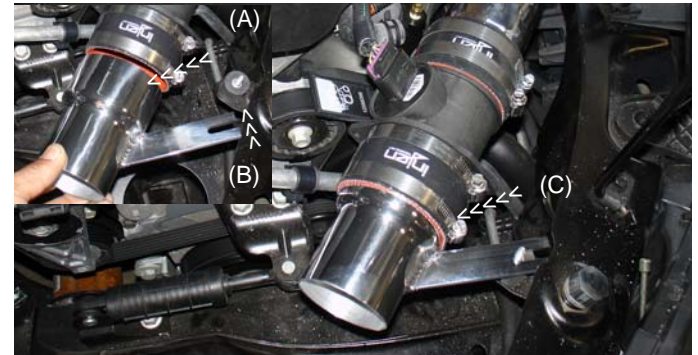
Press the 3 1/8" straight hose over the end of the primary intake, use two medium clamps on the straight hose. Tighten the clamp on the intake side prior to moving on to the next step (A).



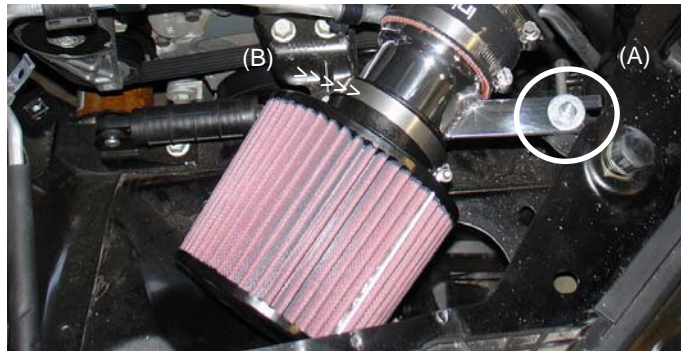
Take the directional mass air flow sensor and press the outlet end into the 3 1/8" hose located on the primary intake. Locate the female harness connector facing the firewall (A).



Take the 3 3/8" straight hose and press it over the inlet end of the mass air flow sensor (A). Take two medium clamps and place them on the end of the 3 3/8" hose, tighten the clamp on the mass air flow sensor side (A). Locate the male harness connector and press it over the female connecting point (B).



when using the short ram, press the secondary step intake and press the 3 3/8" end into the mass air sensor hose (A). Align the intake bracket to the vibra-mount stud (B). Once the bracket has been aligned adjust the intake for best fit and tighten the clamp on the mass air flow sensor (C).



Take the 6mm flange nut and fender washer and secure the intake bracket to the vibra-mount stud (A) Press the filter over the end of the secondary intake and tighten the filter neck clamp (B).



Align the entire intake for best possible fit. Once the clearance has been made through out the length of the intake continue to tighten all nuts, bolts and clamps. The short ram intake is now fully installed.

short ram installation



Installation of the cold air intake- Prior to installing the secondary intake press the vinyl trim around the inside diameter of the resonator opening (A). Once the vinyl trim is in place, lower the secondary intake into the resonator opening.



Press the large end of the intake into the 3 3/8" hose located on the mass air sensor (A). Align the intake bracket to the vibra-mount stud (B). Keep proper clearance around the resonator opening. The intake should not touch any area along the edge of the resonator opening (C).



Press the Injen filter over the end of the intake and tighten the clamp on the filter neck.



Align the entire intake for best possible fit. Once proper clearance has been made through out the length of the intake continue to tighten all nuts, bolts and clamps. Replace the bumper back to its original location and reconnect the negative battery terminal. Congratulations! You have just completed the installation of this cold air 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.