

Holley® iNTECH

2009-13 Chevy Corvette C6 ZR1 V8, 6.2L (LS9)
Intech Cold Air Intake System

223-09

Installation Instructions



Thank you for making HOLLEY iNTECH COLD AIR INTAKES your choice in a high-performance air intake system. Extensive dyno/track testing has enabled HOLLEY to offer the most advanced design in sealed air intake systems. HOLLEY iNTECH's design allows for an easy and seamless installation, moreover, results will show additional horsepower, reduced air intake temperature and improved performance. Proper installation and maintenance will ensure long life and maximum performance from your HOLLEY iNTECH COLD AIR INTAKE. For patent information visit PATENTS.HOLLEY.COM.

BEFORE STARTING:

Ensure that the engine is cold and has not been run for a minimum of 2 hours prior to install.

INCLUDED HARDWARE:

P/N	Qty.	Description
223-09A	1	Tube
223-09C	1	Cover, Vacuum-Formed
80R157	2	Air Filter
19R1045	1	Fitting, CCV Vent, 1/8" NPT
61R910	1	Coupler, Silicone Hump, 4"IDx2"L
557R12	2	Clamp, Worm, 304SS #64 3.54"-4.49" w/ Bridge
505R86	2	Screw, M4x.07mm Phillips Head
505R98	2	Screw, M6x1x10mm, Blk-Ox SS, Btn Hd Hex Dr
546R23	2	Washer, Flat 1/4", Blk-Ox SS 18-8
99R10460	2	Decal, Intech 5" x 1.5", Die Cut Special

Check the hardware package. If anything is missing, please contact Technical Service at 1-866-464-6553 or 270-781-9741

INSTALLATION:

1. Disconnect the negative cable from the vehicle battery.
2. Carefully remove the engine cover by firmly pulling up in the areas marked below (**Figure 1**).

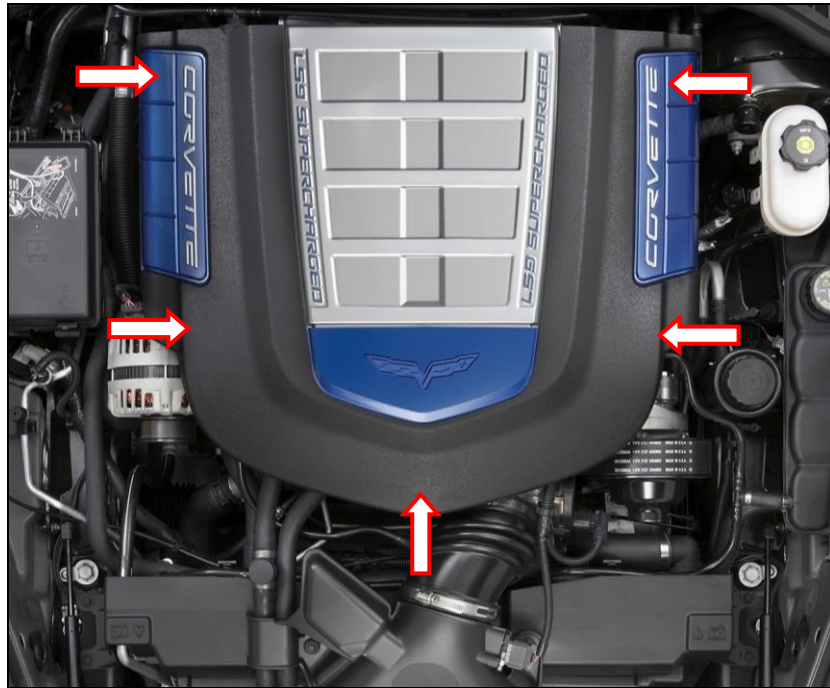


Figure 1

3. Disconnect the crankcase vent (CCV) fitting from the factory rubber intake coupler (**Figure 2**).
4. Disconnect the Mass Air Flow (MAF) sensor plug by pinching the top and bottom of the plug and firmly pulling (**Figure 2**).
5. Unclip the MAF sensor wiring harness from the plastic clip securing it to the factory rubber intake duct (**Figure 2**).
6. Loosen the (x2) hose clamps on the rubber coupler connecting the throttle body to the intake duct (**Figure 2**).
7. Lift and remove the intake assembly. Be careful not to lose the rubber grommets as one will be reused.

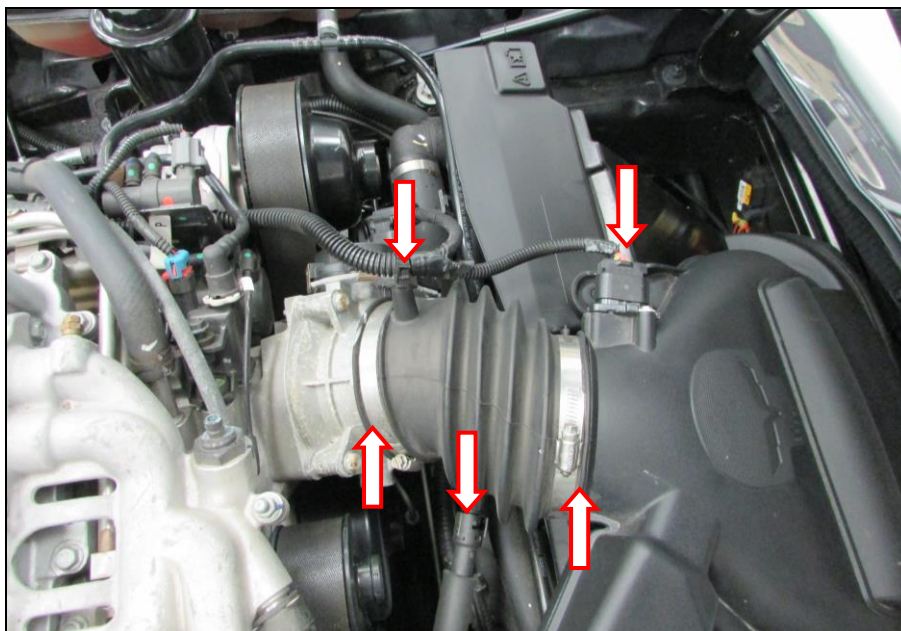


Figure 2

8. Install the supplied silicone coupling and (x1) clamp to the throttle body. Tighten the clamp (**Figure 3**).

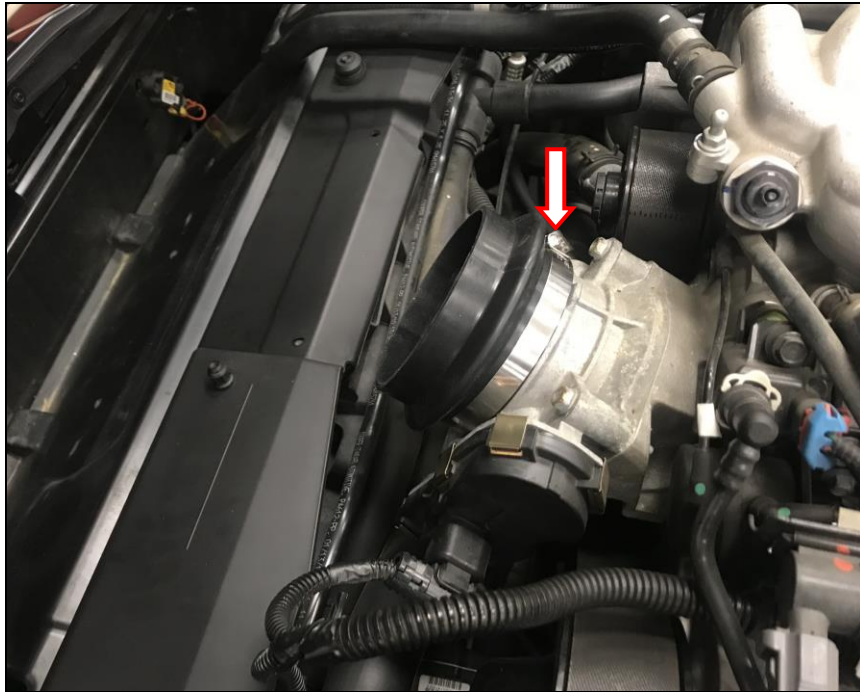


Figure 3

9. Install the provided 1/8" NPT aluminum fitting into the iNTECH intake tube (**Figure 4**).

NOTE: Do not overtighten. Hand tighten, then an additional ¼ turn with a wrench.

10. Using (x2) supplied M4 screws, secure the MAF sensor into the Intech Intake Tube and tighten (**Figure 5**).



Figure 4



Figure 5

11. Install an air filter on either end of the intake tube. Position the clamps as shown and tighten (**Figure 6**).



Figure 6

12. Install the vacuum-formed cover by first sliding the cover over the filters and aligning the holes in the cover with the molded-in fittings in the tube (**Figure 7**).

NOTE: The cover has built-in “spring” to the design so the assembly is snug when installed.

13. Using the supplied washers and M6 screws, secure the cover to the intake tube as shown (**Figure 7**).



Figure 7

14. Lower the intake assembly down into the engine bay, filter side first, then connect the intake tube to the silicone coupling (**Figure 8**).
15. Align the intake tube and firmly press onto the factory rubber grommet (**Figure 8**).
16. Install the remaining stainless-steel worm clamp onto the silicone coupling and tighten at this time (**Figure 8**).
17. Reconnect the CCV fitting to the iNTECH tube (**Figure 8**).
18. Reconnect the MAF sensor plug to the MAF sensor (**Figure 8**).
19. Firmly press the MAF sensor wiring harness into the molded-in pocket as shown in (**Figure 9**).

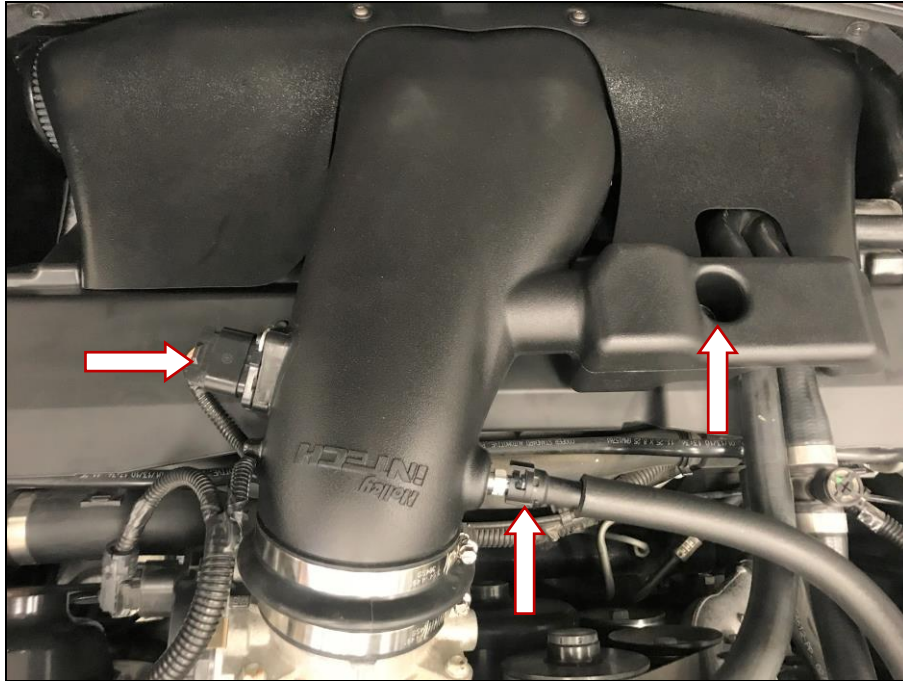


Figure 8



Figure 9

20. Reinstall the engine cover (**Figure 10**).
21. Connect the battery and re-check your work.



Figure 10

NOTE: Power gains may not be immediate. Accumulation of 200-500 miles and multiple key cycles may be needed for the vehicle to register optimum gains.

NOTE: After 150 miles, re-check and tighten all nuts, bolts, clamps, and fittings.

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