



Part number SES7027ICP
2009 Chevy Cobalt SS
2.0L 4 cyl. Turbo

- 1- 2 piece upper intercooler tubing
- 1- 2" x 2 1/2" long straight hose (#3146)
- 2- 2 1/2" ID x 2" long str. hose (#3048)
- 1- m6 vibra-mount (#6020)
- 1- m6 flange nut (#6002)
- 1- fender washer (#6010)
- 4- Hose clamp 040/.312 (#4003)
- 2- Hose clamps 032/.262 (#4008)
- 1- 3 page Instruction



Note: The installation of this intercooler piping does require mechanical skills.
Injen strongly recommends that this system be installed by a professional mechanic.



Figure 1
Stock upper intercooler piping to be removed.

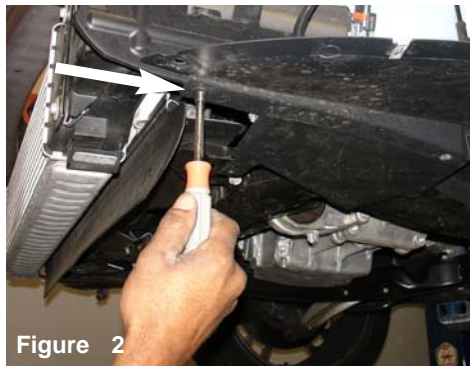


Figure 2
Driver side skid plate needs to be separated in order to expose the lower intercooler piping. a nut driver is used to remove the first m6 bolt.



Figure 3
A nut driver is used to unscrew the second m6 bolt.



Figure 4
A flathead screwdriver is used to pop the plastic clip. Once you have popped the clip, remove it for now.



Figure 5
The skid plates are now separated to expose the lower intercooler piping.



Figure 6
Once the intercooler piping is exposed, continue to loosen clamp and remove the pipe and hose.



Figure 7

The hose is loosened and the plastic intercooler piping is removed.

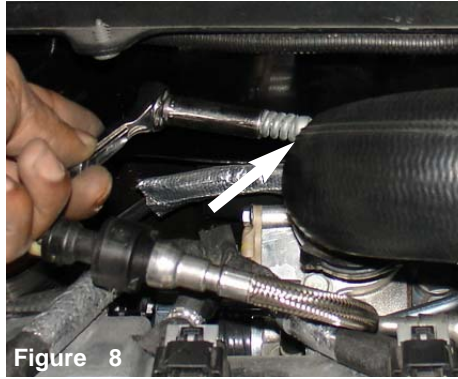


Figure 8

The upper intercooler piping hose is loosened at the throttle body as shown above.



Figure 9

Once you have loosened the clamp, continue to pull the plastic intercooler piping out of the engine compartment.



Figure 10

The plastic intercooler plastic pipe is pulled from the engine compartment.



Figure 11

The 2 1/2" straight hose is pressed over the throttle body. Once the hose is sitting flush over the throttle body, continue to place two clamps on the hose.



Figure 12

The vibra-mount is aligned to the pre-tapped stand-off over the plenum.



Figure 13

The vibra-mount is now sitting flush on the plenum stand-off.



Figure 14

The upper intercooler piping is lower into the engine compartment. The top end of the piping is pressed into the throttle body hose.



Figure 15

As the upper end of the piping is pressed into the hose, the bracket is aligned to the vibra-mount.



Figure 16

The m6 nut and fender washer is screwed onto the vibra-mount and a ratchet is used to tighten the nut in place

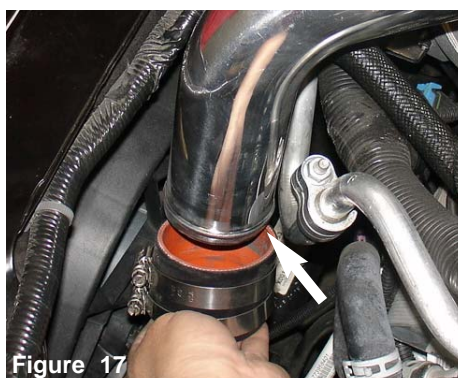


Figure 17

The 2 1/2" hose is now pressed over the lower end of the intercooler piping as shown above.



Figure 18

Once you have pressed the hose over the piping, continue to tighten the clamp over the pipe. The hose should be placed half ways on the pipe.



Figure 19

The last 2 1/2" hose is pressed over the intercooler tank as shown above. The two clamps are also used on the hose, tighten the clamp over the end tank.



Figure 20

The lower intercooler pipe is now lower into the engine compartment. The lower end is aligned to the hose on the end tank.



Figure 21

The lower end of the intercooler pipe is pressed into the 2 1/2" hose located on the end tank.

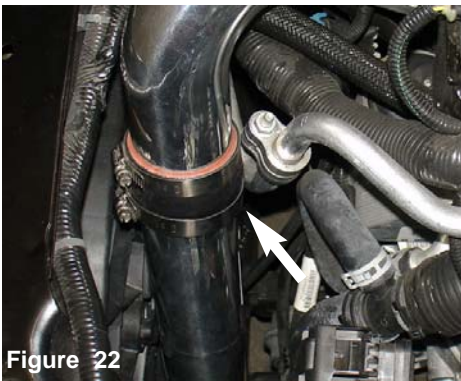


Figure 22

The top end of the lower intercooler piping is pressed into the upper intercooler hose. The both intercooler pipes should be butted up together.

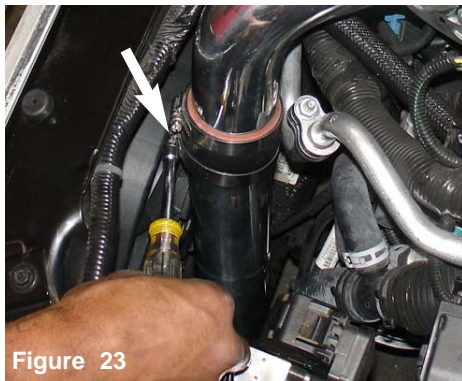


Figure 23

Once you have butted up both pipes, continue to tighten the lower hose clamp.



Figure 24

The lower and upper intercooler piping is aligned for best fit and the lower clamp on the end tank is tightened.

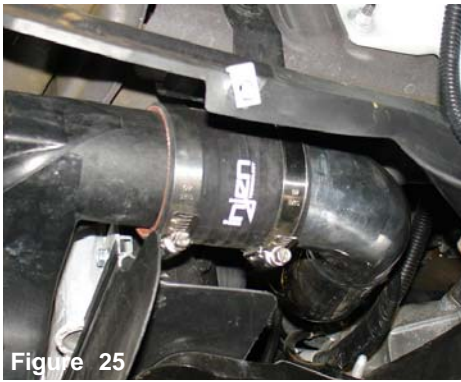


Figure 25

The hose and lower intercooler piping is now installed.



Figure 26

The upper intercooler piping is also aligned and tightened at the hose.



Figure 27

The entire upper intercooler piping is now installed. Check all nut, bolts and clamps prior to starting the engine and be sure there are no loose parts.