



Chevy Sonic Front Mount Intercooler

Install Time: 2 to 3 hours

In the Box:

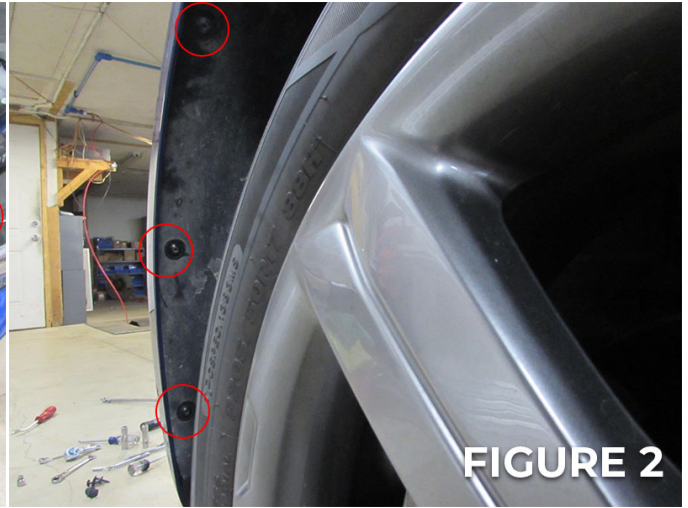
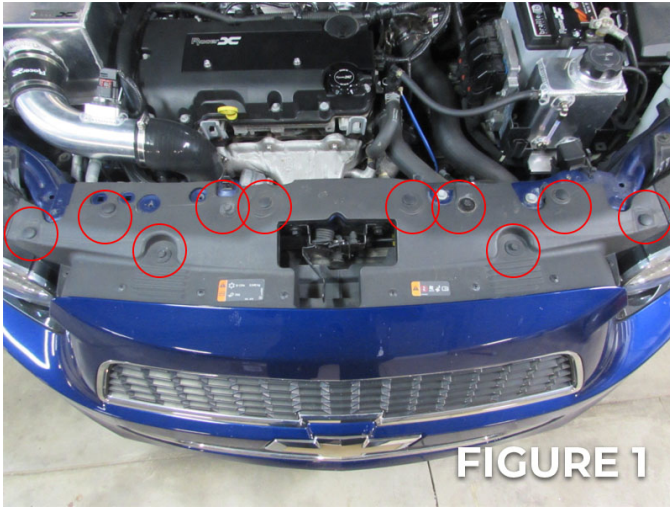
- (1) High flow intercooler
- (2) 2.5" Silicone couplers
- (4) T-bolt clamps

Tools:

- Socket driver
- 8mm socket
- 10mm socket
- 13mm socket
- T20 Torx bit
- Philips head screw driver
- Trim removal tool
- Extension for sockets

Instructions:

1. Begin by removing the (6) plastic clips and (4) bolts that hold the top of the front fascia, use 10mm socket for bolts. (Figure 1)
2. Remove the (8) torx screws, (4) from each side of the wheel liner. (3) are in plain view, the fourth is tucked in the top of the wheel well. (Figure 2 & 3)
3. Remove under tray. Remove (5) torx screws and (2) bolts using a 13mm socket. There are also a few push clips that need to be removed. (Figure 4)
4. Under tray removed from vehicle. (Figure 5)
5. Remove the (2) Philips head screws. Then carefully pull the front fascia from the vehicle. Be careful with the sides as they attach to the fenders with small retaining tabs. Once separated be sure to remove the (2) fog light electrical connectors and (1) air temp sensor. (Figure 6)
6. Remove the air dam and intercooler guard. The air dam is held in place with plastic clips, the intercooler guard is held in place with (6) bolts. Use a 13mm socket to remove the bolts. The air dam will not be reinstalled. (Figure 7)
7. Remove plastic retaining tabs from intercooler pipes and remove the wire clip that holds the IC pipes to the intercooler. You will need to push the pipe toward the intercooler to remove the clip. Now remove the bolt using an 8mm socket and press the tab to rotate the intercooler away from the vehicle. (Figure 8 & 9)
8. Rotate the intercooler forward and remove from vehicle. (Figure 10 & 11)
9. Prep Racer X high flow intercooler core for installation. Install the (2) silicone couplers and 4 t-bolt clamps loosely in place. (Figure 12)
10. Install intercooler the same as removal, insert guides into rotation tabs. Then rotate intercooler into the plastic clip. Install the (1) bolt using an 8mm socket. (Figure 13)
11. Be sure to fully seat OEM intercooler pipes, then tighten clamps. It is a good idea to pressure test the system to check for leaks before installing front fascia. (Figure 14)
12. Install the intercooler guard, under tray and front fascia. Installation complete. Go enjoy your new high performance intercooler. (Figure 15)



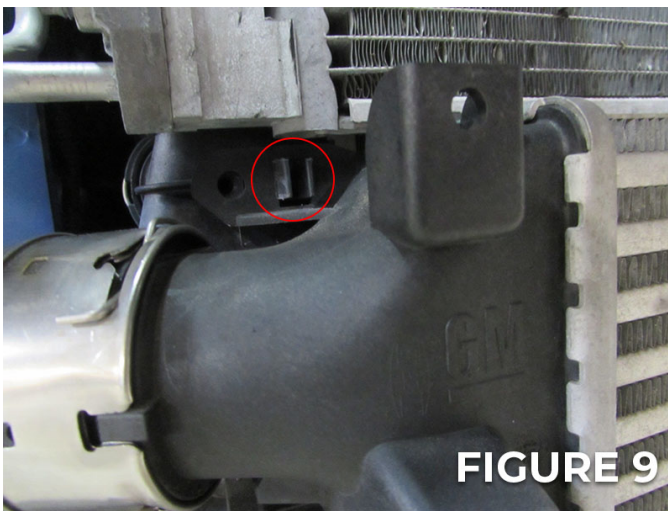
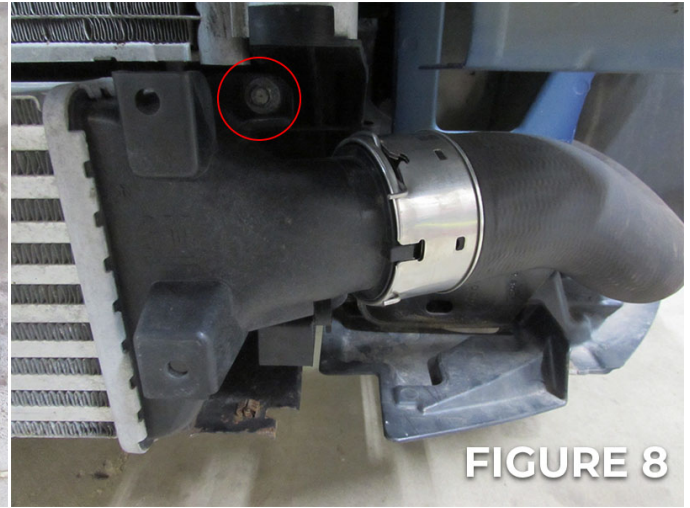




FIGURE 13

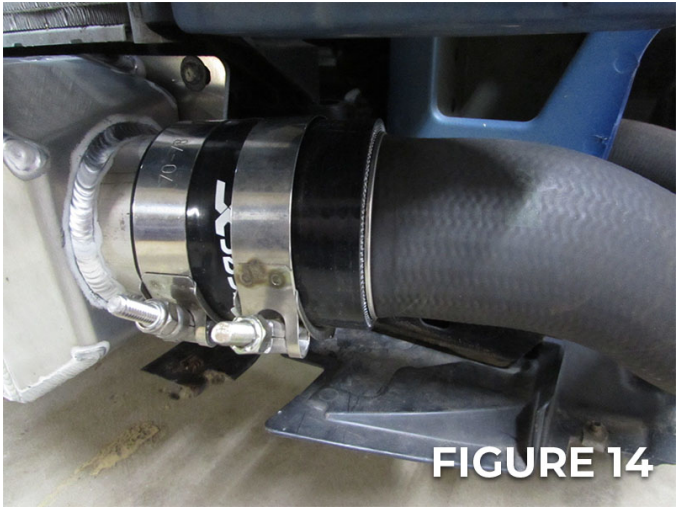


FIGURE 14



FIGURE 15

Questions, comments, or concerns? Email tech@racerxfabrication.com.