

Coolant Change – 2009-2016 3.5L Chevrolet Impala

Required Tools

- Pan
- Coolant
- Funnel
- Tarp

General Repair Steps

1. Remove Coolant Fill Cap.
2. Place pan underneath Radiator to collect coolant.
3. Loosen Petcock on the Radiator, and allow old coolant to drain completely.
4. Insert a funnel into the Coolant Filler and pour coolant in until it reaches the top of the filler opening.
5. Squeeze the Coolant Hose to allow some air out of the system, and then top up the coolant.
6. Put the Coolant Filler Cap on just enough to engage the threads (this is to avoid building up too much pressure which can result in spraying hot coolant when opening the Filler Cap in later steps).
7. Start the engine and run at 2500 rpm for 40 seconds.
8. Carefully remove the Coolant Filler Cap and top up the coolant.
9. Replace the Coolant Filler Cap just enough to engage the threads.
10. Start the engine and run at 2500 rpm for 30 seconds.
11. Carefully remove the Coolant Filler Cap and top up the coolant.
12. Replace the Coolant Filler Cap just enough to engage the threads.
13. Start the engine and run at 2500 rpm for 20 seconds.
14. Carefully remove the Coolant Filler Cap and top up the coolant.

Disclaimer: The above list is meant to aid you during your repair, and is meant to be used in conjunction with the corresponding Fear No Fix repair video.

- 15.** Fill the Coolant Bottle with 400 ml of coolant.
- 16.** Replace the Coolant Filler Cap and tighten completely.
- 17.** Start the engine and run at 2500rpm until engine is heated.
- 18.** Bring engine up to 3000 rpm for 4 seconds, then let it drop to idle for 4 seconds (do this three times).
- 19.** Shut off the engine at let it cool.
- 20.** When the engine is cool, top up the coolant in the Coolant Bottle.