



# Service Bulletin

File in Section: -

Bulletin No.: PIC5858A

Date: June, 2013

## PRELIMINARY INFORMATION

**Subject:** Insufficient A/C Performance At Idle

**Models:** 2013 Chevrolet Spark

**This PI was superseded to update recommended field. Please discard PIC5858.**

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

### Condition/Concern

A dealer or customer may comment that the A/C duct temperature may get 10 degrees F warmer at an idle, but is sufficient while driving.

### Recommendation/Instructions

**Important:** Dealers are advised to verify the A/C pressures are within Specifications Per the A/C Performance chart in SI at Idle.

If Pressures and Temperatures are NOT within specs, perform the following:

1. Verify the proper refrigerant level in the A/C system is .94 lbs (430 Grams). If the refrigerant level is low and the vehicle is built prior to January 29, 2013, add GM-approved A/C dye, Recharge the system to specification, evaluate, and perform electronic and black light leak detection test.

**Note:** Vehicles built AFTER January 29, 2013 already have dye added to the A/C system.

2. If Pressures are close to the SI Spec and the Temperatures between idle and slightly above idle (Increased by 200 RPM) are the within 10 degrees F of each other per the SI Spec, DO NOT attempt any repairs or part replacements at the this time, Engineering is working on a fix and dealers with a TAC case will be notified when a fix is available.
3. If the pressures are still are not within Normal specs at idle but becomes normal slightly above Idle (example at idle the Low side pressure is higher than normal i.e. 60psi at 72 Deg F, and when the Engine RPM is raised higher i.e. 1500 RPM the low Pressure Drops to within Spec i.e. 40psi) this indicates an internal compressor seal concern and the A/C compressor will require replacement.

### Customer Information

For vehicles that meet Step 2 specifications, please communicate to the customer that we apologize for this inconvenience and that General Motors is working on a solution for this concern. Once a solution is available, this PI will be updated with additional details - allowing dealership personnel to contact the customer to schedule a service appointment and repair the vehicle.

### Warranty Information

For vehicles requiring an A/C compressor under warranty, use:

Labor Operation	Description	Labor Time
4417120	Air Conditioning Compressor Replacement	Use Published Labor Operation Time

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.