



## Preliminary Information

### PIC6380 AC Blows Warm Air

#### Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Impala	2017 - 2020	All	All	All	All

Involved Region or Country	North America
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Condition	Certain customers may experience the Air Conditioning system is blowing warm air. During diagnosis technicians may find that there is little to no refrigerant in the system.
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Cause	<p>Due to an inconsistency in the weld process, a welded joint in the evaporator lock ring, compressor hose, or low side evaporator line have been found to have the potential to slowly leak refrigerant over a period of time.</p> <p><b>Note: Please allow A/C system to run for 30 mins with refrigerant at the specified capacity before attempting to check for leaks. The dye that is installed is in the form of a pellet and may take about 30 minutes of continuous operation to dissolve and disperse throughout the system.</b></p>
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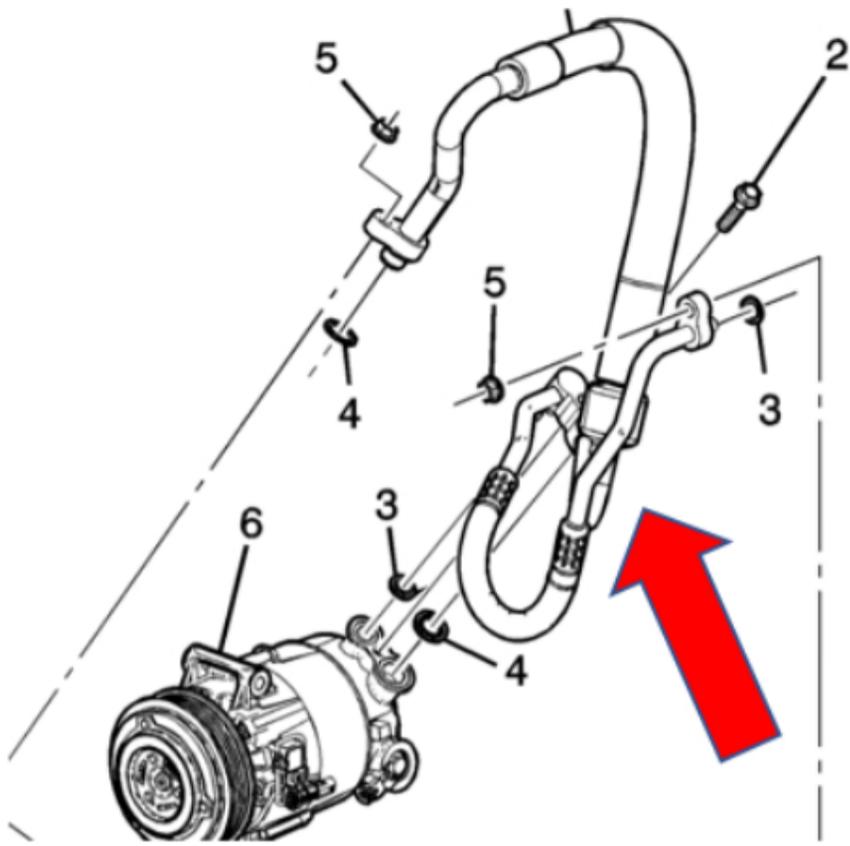
**Note: Failure of two or more components is not common. Inspect the compressor and evaporator line first.**

Inspect the Low side evaporator line in the area shown below:



Crack/pinhole on underside of pipe

Inspect the joints at the AC compressor line and the fittings where it attaches to the compressor and the condenser.



Correction:

If the Air Conditioning system is low or empty on refrigerant, please follow: Refrigerant Recovery and Recharging (R-134a) Doc ID: 4002719 or Refrigerant Recovery and Recharging (R-1234yf) Doc ID: 5035303.

Follow Leak testing guidelines, found here: Leak Testing (R-134a) Doc ID: 3953966 or Leak testing (R-134a) Leak testing (R-1234yf) Doc ID: 4379036 to find the source of the leak.

Once the source of the leak is found, follow SI for outlined repair procedures.

Parts Information

Description	Part Number	Quantity
HOSE, A/C CMPR (LCV/2.5)	84242396	1
HOSE, A/C CMPR (LFX/3.6)	84429951	1
EVAPORATOR KIT (R134a)	84409866	1
EVAPORATOR KIT (R-1234yf)	84409864	1
HOSE ASM-A/C EVPR	84429956	1

Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
4415010	Air Conditioning Compressor Hose Replacement	Use Published Labor Operation Time
4416510	Air Conditioning Evaporator Core Replacement	Use Published Labor Operation Time
4414950	Air Conditioning Evaporator Hose Replacement	Use Published Labor Operation Time

\*This is a unique Labor Operation for Bulletin use only.

Additional SI Keywords

A/C, AC, compressor, evaporator, freon, hose, HVAC, leak, line, low, warm

Version History

Version	1
Modified	12/18/2019 - Created on



GENERAL MOTORS