



Countries:	CANADA, UNITED STATES	Document ID:	IK0900128
Availability:	ISIS, Fleet!SIS, Body Builder, NotSIR	Revision:	0
Major System:	COOLING	Created:	6/20/2018
Current Language:	English	Last Modified:	6/25/2018
Other Languages:	NONE	Author:	Bobby Christopher
Viewed:	123		

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Coding Information

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Title: Evaporator freeze up

Applies To: All Horizon Family (LT,RH, MV/HV) built before 5/25/18

Change Log

Please refer to the change log text box below for recent changes to this article:

06/22/2018 - Initial Article Release

Description

Document supports identifying customer HVAC performance concerns

Symptoms

Warm vent temps, Low air flow, Poor Cooling, AC Inoperative

DTC/Light	Description
No Faults or Warning Lights	

Customer Observations or Concerns:

The HVAC quits blowing cold, noticeable fluctuation in vent temps.

Special Tools / Software

Tool Description	Tool Number	Comments	Instructions
Diamond Logic Builder			

Service Parts Information

Kit Description	Part Number	Quantity Required	Notes
SEAL, HVAC, EVAPORATOR STRIP	4070932C2	1	

Diagnostic Steps

Step	Action	Decision
#1	DIAGNOSTIC: Any active diagnostic faults pertaining to the a/c system?	Yes. Refer to appropriate service manual, diagnose and repair the faults.
		No: Proceed to next step
Step	Action	Decision
#2	DIAGNOSTIC: Run performance tests on the a/c system per appropriate service manual. Any issue discovered?	Yes. Refer to appropriate service manual, diagnose and repair. See steps below for inspection after evaporator removal
		No: No further action needed

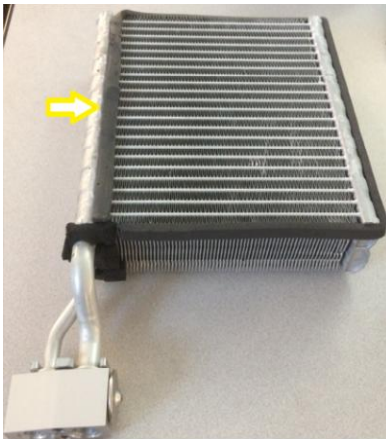
Repair Step(s)

1. Remove evaporator, following steps in Master Service Information and relocate evaporator seal as shown.

REMOVAL PROCEDURE:

Refer to appropriate service manual for evaporator removal

1. Inspection: Incorrect seal location



INSTALLATION PROCEDURE:

Refer to appropriate service manual for evaporator installation

1. Correct seal location



2. Automatically update BCM software with the latest HVAC logic that is released and automatically programable to listed parameters

- ID 1934 "BC_RCD_Compressor_on_time" should be 2 seconds (not 7)
- ID 3409 "LP Switch OFF timer should be 10 Seconds (not 14)
- ID 2548 "HVAC Max Initial Pressure" Should be 300 Psig (not 250)

3. **Manually** update the BCM Software parameter with the latest HVAC Logic NOT yet Released and not automatically programable.

- ID 3164 "HVAC Freeze Probe Low temp Limit" change to 7C (was 6C)

Warranty Information

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

Other Resources

[HVAC Resource Center](#)

[Body Controller Resource Center](#)

[Master Service Information Site](#)

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