



# Service Bulletin

Bulletin No.: 24-NA-131

Date: July, 2024

## TECHNICAL

**Subject:** Information on Improper Cabin A/C and/or Heating Performance, DTC's P1C01 and/or B3A66 Set

This Bulletin replaces PIT6179. Please discard all versions of PIT6179.

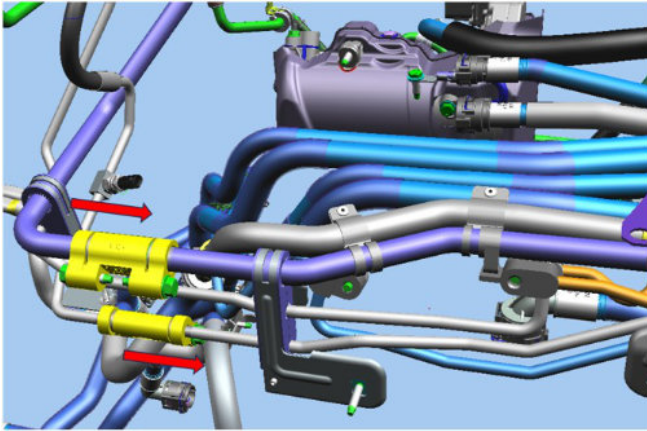
Brand:	Model:	Model Year:		Breakpoint:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado EV	2024	2024	—	—	—	—
GMC	HUMMER EV	2022					
	HUMMER EV SUV	2024					

<b>Involved Region or Country</b>	North America
<b>Condition</b>	Some customers may comment on having improper cabin heating and/or improper A/C performance. Technicians may find one or both of the following DTC's set. <ul style="list-style-type: none"> <li>• P1C01 - Air Conditioning Compressor Motor Underspeed</li> <li>• B3A66 - Condensing Heater Flow Valve Motor Stuck Closed</li> </ul>
<b>Cause</b>	The condition may be caused by the A/C condenser check-valve or the evaporator check-valve, installed incorrectly blocking the refrigerant flow.
<b>Correction</b>	Inspect the A/C check valve orientation, the arrow indicates the direction of refrigerant flow. If incorrect, remove the check valve and reinstall in the correct orientation. If valves are installed in correct orientation, continue with normal SI diagnostics for the DTC codes that are set.

### Service Procedure

**Important:** This technical service bulletin (TSB) can only be completed by certified repair facilities who have met all specific training, tool and equipment requirements pertaining to the vehicle Brand and Model serviced. Repairs must be performed by a technician who has successfully completed the required training.

**Important: Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.**

**HUMMER EV**

The rearward check valve (1) points forward. The forward check valve (2) points upward, as shown in the picture above.

**Parts Information**

Refer to the electronic parts catalog (EPC) for obtaining the correct P/N's

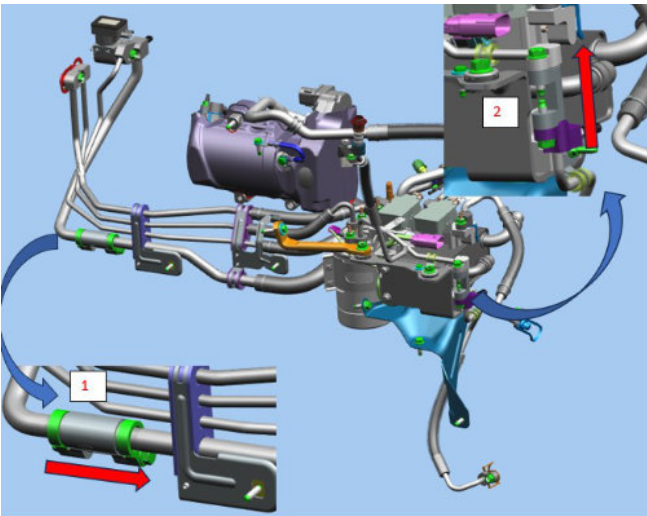
**Note:** Replace any one-time use A/C seals, fasteners, and bolts.

**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:

6655245

Both valves point toward the front of the vehicle, as shown in the picture above.

**Silverado EV**

6655246

Labor Operation	Description	Labor Time
4486198*	Air Conditioning Evaporator Check Valve Replacement	1.0 Hrs. (HUMMER EV, HUMMER EV SUV)
4486208*	Air Conditioning Condenser Check Valve and Heater - Air Conditioning Evaporator and Blower Module Refrigerant Pipe Replacement	5.0 Hrs. (HUMMER EV, HUMMER EV SUV)
4486218*	Air Conditioning Condenser Check Valve and Air Conditioning Condenser Hose Replacement	5.1 Hrs. (Silverado EV)

Labor Operation	Description	Labor Time
4486228*	Air Conditioning Evaporator Check Valve Replacement	2.5 Hrs. (Silverado EV)
*This is a unique Labor Operation for Bulletin use only.		

Version	1
Modified	Released July 16, 2024

