



Service Bulletin

Bulletin No.: 22-NA-248

Date: July, 2024

TECHNICAL

Subject: HVAC Heat Intermittently Inoperative, DTCs B2B05 and/or B2B06 Set

Brand:	Model:	Model Year:		Breakpoints:		Engine:	Transmis- sion:
		from	to	from	to		
Cadillac	Escalade Models	2021	2022	(2021 MY) 1GN5CNKD3MR355234 to 1GNSKDKD4MR494401		All	—
Chevrolet	Suburban			(2022 MY) 1GNSKFKL8NR100001 to 1GKS2BKD8NR170158			
	Tahoe						
GMC	Yukon Models						

Involved Region or Country	North America
Condition	Some customers may comment on the HVAC heat intermittently inoperative. Technicians may find one or both of the following DTCs set in the BCM. • B2B05 - HVAC Temp Motor - Front 1 Performance • B2B06 - HVAC Temp Motor - Front 2 Performance
Cause	The condition may be caused by a mismatch of B020 firmware and B018 parameters.
Correction	

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Visually inspect the right-side temperature valve actuator (2) and the left-side temperature valve actuator (1) for a yellow dot, as shown in the pictures above, that indicates the parts were manually re-flashed. If the yellow dot is present, replace the temperature valve actuator.

Service Procedure

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.

Refer to *Temperature Valve Actuator Replacement* in SI.

Parts Information

Using the VIN#, refer to the electronic parts catalog (EPC) for obtaining the correct temperature valve actuator P/N#.

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
4420800	Programmable Temperature Valve Actuator Replacement - Right Side	Use Published Labor Operation Time
4420830	Programmable Temperature Valve Actuator Replacement - Left Side	

Version	3
Modified	Released January 19, 2023 Revised May 03, 2024 - Updated the warranty information. Revised July 11, 2024 - Updated Correction.