PRELIMINARY INFORMATION

Subject: Brake Fluid Found In Brake Pressure Switch Connector After N242482680 Is Completed

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado 4500/5500/6500	2019-2024		All	All	All	Al

Involved Region or Country	North America
Condition	**Note:** The primary purpose of this PI is to provide a repair option for vehicles that previously had Safety Recall N242482680-02 completed. These vehicles will already be equipped with the updated sealed Brake Jumper Harness, p/n 19410082/1. In some rare cases, vehicles that have already undergone Safety Recall N242482680-02 may find brake fluid in the B356 Brake Pipe Pressure Switch connector. **Note:** This condition is most commonly identified during diagnosis of related customer concerns, such as the brake booster pump running continuously, or other conditions that lead technicians to inspect the B356 connector.
Cause	The cause of this condition could be a leaking B356 Brake Pipe Pressure Switch.

Correction

In most cases, repairs for this type of concern typically involve replacing both the B356 Brake Pipe Pressure Switch and its harness connector (the connector is part of the Brake Jumper Harness). However, on these vehicles, the Brake Jumper Harness installed during Safety Recall N242482680-02 is sealed to prevent brake fluid from migrating into the wiring.

Because the harness is sealed, inspect the Brake Pipe Pressure Switch harness connector terminals for excessive corrosion or damage. If no issues are found, replace the B356 Brake Pipe Pressure Switch and clean the harness connector terminals using electrical contact cleaner. Reassemble the components and perform a functional test by turning the vehicle off and applying the brake pedal to verify that the Brake Booster Pump activates.

If the system operates properly, no further repairs or Brake Jumper Harness replacement are required.

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