



Preliminary Information

PIT3665J Brake Pedal Moves or Self Applies at Full Turns

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	Escalade	2001 - 2004	All	All	All	All
Chevrolet	Avalanche	2002 - 2004	All	All	All	All
Chevrolet	Tahoe	2001 - 2004	All	All	All	All
Chevrolet	Suburban	2001 - 2004	All	All	All	All
Chevrolet	Suburban 3500HD	2016 - 2019	All	All	All	All
Chevrolet	Express	1998 - 2020	All	All	All	All
Chevrolet	Silverado	1998 - 2020	All	All	All	All
Chevrolet	Astro Vans	1998 - 2005	All	All	All	All
GMC	Savana	1998 - 2020	All	All	All	All
GMC	Sierra	1998 - 2020	All	All	All	All
GMC	Yukon	2001 - 2004	All	All	All	All
GMC	Safari	1998 - 2005	All	All	All	All
Hummer	H2	2003 - 2007	All	All	All	All

With Hydro-Boost Brake System

Supersession Statement:

This PI was superseded to update the recommendation. Please discard PIT3665H.

Condition / Concern

On vehicles with a Hydro-Boost System, customers may notice during full lock turns or near full lock turns that the brake pedal will move down or self apply. This can be caused by the internal dump valve of the hydro-boost not seating properly due to contamination in the steering system. The hydroboost assembly is not tolerant to certain types of contaminants that may be present in the steering system.

Recommendations / Instructions

The Hydro-Boost System is not serviceable and must be replaced.

IMPORTANT:

- Before replacement of the Hydro-Boost System, the entire steering system (including power steering pump, lines, cooler, and gear box) must be flushed to avoid a reoccurrence.
- If the vehicle has been in with the same concern within 20k miles of previous repair then it is recommended that the entire steering system (including power steering pump, lines, cooler, and gear box) be replaced.
- For vehicles no longer under warranty, inform the customer that replacing the Hydro-Boost unit only, could possibly result in a shorter lifespan of the unit itself and that the customer may choose to replace all other steering system components if desired, at their own expense.

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
2441730	Power Brake Booster Replacement	Use Published Labor Operation Time

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.



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