



**Bulletin No.:** PIP6049A  
**Published date:** 03/24/2025

## Preliminary Information

### PIP6049A Diagnostic Aid: Leak Rear Transmission Extension Housing - 8L45 8L80 8L90 MFC M8R N8X MTH

#### Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Colorado	2024 - 2025	ALL	ALL ALL	MFC	N8R
Chevrolet	Express	2024 - 2025	ALL	ALL ALL	MTH	MFC
Chevrolet	Silverado	2024 - 2025	ALL	ALL ALL	MFC	
GMC	Canyon	2024 - 2025	ALL	ALL ALL	MFC	N8R
GMC	Savana	2024 - 2025	ALL	ALL ALL	MTH	N8X
GMC	Sierra	2024 - 2025	ALL	ALL ALL	MFC	

<b>Involved Region or Country</b>	<b>Asia/Pacific Brazil Colombia Europe International Fleet Sales Ecuador Israel Middle East Operations North America South America South Korea Palestine Paraguay Peru Philippines Uruguay</b>
<b>Additional Options (RPO)</b>	<b>MP 3010/3015 MP 3023/3024/3025 NP0 NGH</b>
<b>Condition</b>	<b>Leak Extension Housing Area.</b>
<b>Cause</b>	<b>Diagnostic help to isolate possible housing porosity, or just the gasket and seal.</b>

#### Correction:

**2WD :** Add DYE to test the leak and confirm that there is no porosity in the extension housing or the extension housing plugs are not the source of the leak prior to replacing the gasket or output seal.

**4WD :** Add DYE to the transmission to verify the leak is actually from the transmission. If the leak is confirmed to be from the transmission, and not just from the extension housing plugs, replace the complete extension housing, gasket, and the output shaft, instead of replacing just the output seal.

#### Warranty Information


For vehicles repaired under the Powertrain coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
8462650	Gasket and Extension Housing replacement	Use Published Labor Times

Labor Operation	Description	Labor Time
8462460	Output Seal replacement	Use Published Labor Times
6462670	Extension Housing Plug replacement	Use Published Labor Times
8466030	Output Shaft Replacement	Use Published Labor Times

**Version History**

<b>Version</b>	2
<b>Modified</b>	03/14/2025 Created on 03/24/2025 - Updated Correction.

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