



Service Bulletin

Bulletin No.: 19-NA-035

Date: March, 2019

TECHNICAL

Subject: 8L45, 8L90 Park System Does Not Engage

This Bulletin replaces PIP5526. Please discard PIP5526.

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission: (8L45, 8L90 Automatic)
		from	to	from	to		
Cadillac	ATS	2016	2019				M5U, M5X, M5T, M5N, MQE
	CT6	2016	2018				
	CTS	2016	2019				
	Escalade Models	2015	2018				
Chevrolet	Camaro	2016	2019				M5T, M5U, M5X, MQE
	Colorado						
	Corvette						
	Express						
	Silverado Models	2018					
	Silverado 1500 (New Model)	2019	2019				
	Silverado LD						
GMC	Canyon	2015	2019				M5U, M5T, M5X
	Savana		2018				
	Sierra Models						
	Sierra 1500 (New Model)	2019	2019				
	Sierra Limited						

Involved Region or Country	North America and N.A. Export Regions
Condition	Some customers may comment that the vehicle will not obtain Park at times.
Cause	This condition may be caused by a damaged parking pawl and/or parking pawl actuator. ⇒ The transmission may have experienced a park engagement while the vehicle was in motion or the transfer case obtained a neutral state.

Correction

If you encounter a vehicle with the above concern, perform the following checks:

1. Attempt to duplicate the No Park condition by operating the shift lever.
- ⇒ The shift lever should move freely through all positions.
2. Check the transfer case for proper operation in each range.
 3. Inspect the shift cable system and mounting bracket for any signs of visible damage or being mis-routed.
- ⇒ If all the above are OK, continue with procedure.
4. Remove the transmission oil pan and valve body following Service Information (SI).
 5. Remove the park pawl actuator bracket and discard the bolts.
 6. Remove the park pawl actuator.



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7. Inspect for damage, bent rod or incomplete travel of the actuator.



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8. Inspect the park pawl for damage.

⇒ If damage to the Park Pawl Actuator and Park Pawl is present as described above, replace the following components:

Note: Failure to replace any of the following components may not resolve the condition of not obtaining Park.

- Park Pawl Actuator
- Park Pawl
- Main Shaft Detent Lever Hub Pin
- Park Pawl Actuator Bracket
- Park Pawl Actuator Bracket Bolts
- Output Carrier

Service Procedure

Note: The transmission should be disassembled and cleaned thoroughly.

Refer to *Reaction Carrier Assembly, Output Carrier, and Output Shaft Removal* in SI.

Parts Information

Causal Part	Description	Part Number	Qty
X	ACTUATOR, PARK PAWL	Refer to EPC	1
N/A	PAWL, PARK		1
N/A	PIN, MAN SHFT DTNT LVR HUB		1
N/A	BOLT, PARK PAWL ACTR BRKT		2
N/A	BRACKET, PARK PAWL ACTR		1
N/A	CARRIER, OUTPUT		1
N/A	FILTER, A/TRNS FLUID		Refer to EPC
N/A	Oil		

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
8466012	Reaction Carrier Overhaul	Use Published Labor Operation Time

Version	1
Modified	Released March 14, 2019

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, **DO NOT** assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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