



Service Bulletin

Bulletin No.: 19-NA-035


Date: April, 2020

TECHNICAL

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

This Bulletin replaces PIP5526A. Please discard PIP5526A.

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	2017				
Chevrolet	Camaro	2016	2019				M5T, M5U, M5X, MQE
	Colorado	2016					
	Corvette	2015					
	Express	2017					
	Silverado Models	2015	2018				
	Silverado 1500 (New Model)	2019	2019				
Silverado LD							
GMC	Canyon	2016	2019				M5U, M5T, M5X, MQE
	Savana	2017					
	Sierra Models	2015	2018				
	Sierra 1500 (New Model)	2019	2019				
	Sierra Limited						
	Yukon Models	2015	2017				M5U

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	<p>If you encounter a vehicle with the above concern, perform the following checks:</p> <ol style="list-style-type: none">1. Attempt to duplicate the No Park condition by operating the shift lever. <p>⇒ The shift lever should move freely through all positions.</p> <ol style="list-style-type: none">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. <p>⇒ If all the above are OK, continue with procedure.</p> <ol style="list-style-type: none">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.  <p>5247414</p> <ol style="list-style-type: none">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

Causal Part	Description	Part Number	Qty
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	3
Modified	Released March 14, 2019 Revised April 08, 2019 - Updated various Model Years. Revised April 01, 2020 — Added Yukon Models.

