



Service Bulletin

Bulletin No.: 19-NA-128

Date: December, 2020

TECHNICAL

Subject: Limited Vehicle Speed, Malfunction Indicator Lamp (MIL) Illuminated - DTC P07A7

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	CT6 Plug-in	2016	2018	—	—	2.0L (LTG)	Automatic-Hybrid Electric (MRD)

Involved Region or Country	North America, China
Additional Options (RPOs)	Equipped with ELECTRIFIED PROPULS-ELECTRIC, PHEV, GEN 2, RWD (HP9)
Condition	<p>Some customers may comment on one or more of the following conditions:</p> <ul style="list-style-type: none"> • MIL is illuminated • Limited vehicle speed <p>Some technicians may find DTC P07A7 (Transmission Clutch 3 Stuck On) set in the Hybrid Powertrain Control Module (HPCM).</p>

Cause	
	<p>5224678</p> <p>This condition may be caused by the 1-3 clutch return spring ring (1) that has come out of its groove, causing the Variable 1-4 and 1-3 Clutch Piston Return Spring Plate to contact (2) the variable clutch plate assembly.</p>

Correction	<p>Note: The addition of this C3 snap ring retainer will correct the condition and allow for repair, in lieu of transmission replacement.</p> <p>Engineering has designed a snap ring retainer that will stop the snap ring from rotating, which keeps it securely in its designed groove.</p> <p>⇒ The C3 clutch assembly must be disassembled, replacing both the clutch pack and the snap ring as well as adding the new snap ring retainer.</p>
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Service Procedure

Refer to *Variable 1-2-3-4 and 1-2-3 Clutch Disassemble* in SI.



5224585

Important: During assembly, position the 1-3 clutch return spring ring, as shown in the above picture, to aid in retainer installation.

Parts Information

Causal Part	Description	Part Number	Qty
X	RETAINER, VAR 1-4 & 1-3 CLU SNP RNG	24298424	1
X	GASKET, A/ TRNS TORQ DPNR HSG	24268461	1
X	PLATE SET, VAR 1-4 & 1-3 CLU	24268430	1
X	SEAL, A/TRNS TORQ DPNR	24266675	1

Causal Part	Description	Part Number	Qty
X	RING, A/TRNS TORQ DPNR FLUID SEAL RET	24257281	1
X	RING, VAR 1-4 & 1-3 CLU RTN SPR	24256243	1
X	RING, VAR 1-4 & 1-3 CLU BKG LKT RET	24253178	1
X	FLUID, A/TRANS (DEXRON HP) (1QT/0.946 LITRES)	Refer to EPC	10 QT (9.5 Liters)

Warranty Information

For submitting this repair under the Hybrid Component Limited 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
8480828*	C3 Snap Ring Retainer Installation	8.5 hrs
*This is a unique Labor Operation for bulletin use only.		

Version	2
Modified	Released June 07, 2019 December 16, 2020 – Changed the Warranty Information coverage statement to Hybrid Component Limited Warranty coverage.

