



# Preliminary Information

## PIP5479 CT6 4EL70 Hybrid Transmission and Component Restriction Program

### Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	CT6	2017	All	All	LTG	MRD
Involved Region or Country	North America					
Additional Options (RPO)	HP9, MRD					
Condition	This PI will explain the 4EL70 (MRD) electric variable automatic transmission assembly and component restriction for the 2017 MY Cadillac CT6 Hybrid Plug in. This program will start on March 1st, 2017 to gather important feedback on this new transmission. This bulletin will be revised to announce the end of the exchange program at a later date.					
Cause	Product teams continually seek valuable information for engineering improvements. To assist in this effort the restriction program will be used for this product. It is imperative that freeze frame failure records be captured along with DTC's and not cleared.					

### Correction:

The 4EL70 (MRD) hybrid transmission assembly and component restriction will be administered by the GM Technical Assistance Center (TAC). The servicing technician must provide detailed customer comments, conditions, diagnostic trouble codes (DTCs) and other useful information. To request restricted components, dealerships are required to call Technical Assistance (TAC). Prior to calling TAC, please read through this entire document. If diagnosis leads to replacement of one or more of the restricted components listed below please have all SI document numbers used during diagnosis available prior to contacting TAC. TAC Telephone Number US 1-877-446-8227 (Action Center prompt or Hybrid prompt) Canada 1-800-263-7740 for English or 1-800-263-7960 for French

**Danger: Always perform the High Voltage Disabling procedure prior to servicing any High Voltage component or connection. Personal Protection Equipment (PPE) and proper procedures must be followed.**

The High Voltage Disabling procedure will perform the following tasks:

- Identify how to disable high voltage.
- Identify how to test for the presence of high voltage.
- Identify condition under which high voltage is always present and personal protection equipment (PPE) and proper procedures must be followed.

Before working on any high voltage system, be sure to wear the following Personal Protection Equipment:

- Safety glasses with appropriate side shields when within 50 feet of the vehicle, either indoors or outdoors.
- Certified and up-to-date Class "0" Insulation gloves rated at 1000V with leather protectors.
- Visually and functionally inspect the gloves before use.
- Wear the Insulation gloves at all times when working with the Drive Motor Battery assembly, whether the system is energized or not. Failure to follow the procedures exactly as written may result in serious injury or death.

**Important: If vehicle damage does not allow access to the high voltage manual disconnect, then disconnect the 12V battery and remove the damaged portion of the vehicle until such time as the HV manual disconnect can be removed and the High Voltage Disabling procedure can be completed.**

1. Perform the high voltage disable procedure at the drive motor generator control module assembly or cable connections. Refer to High Voltage Disabling in SI.
2. Perform the high voltage enable procedure when the transmission is installed or repaired and ready to be test driven.

### Parts Information

Description	Part Number	Quantity
TRANSMISSION ASM-AUTO	24261737	1
Valve ASM, CONT(W/BODY & VLV)	24270079	1
Rotor, Drive Motor (1st Pos)	24247151	1

Motor, Drive (2nd Pos)	24281879	1
Stator, Drive Motor (1st Pos)	24281516	1
PUMP, A/TRNS FLUID	24277086	1

Warranty Information

Labor Operation	Description	Labor Time
8464670	Transmission Replacement	Use Published Labor Operation Time
*This is a unique Labor Operation for Bulletin use only.		

Version History

Version	1
Modified	

