

Subject: Engineering Information - Service AWD Lamp Illuminated On Driver Information Center (DIC), DTCs C1260, C1261, C1262, C1263, C1264, C1265, C1266, C1267, C1290, C1291, C1292, C1293, C1295 and/or C1296 Set

Attention: Proceed with this EI ONLY if the customer has commented about this concern AND the PIE number is listed in the Global Warranty Management / Investigate History link (GWM/IVH). If the customer has not commented about this condition or the EI does not show in GWM/IVH, disregard the PIE and proceed with diagnostics found in published service information. THIS IS NOT A RECALL refer to Service Bulletin 04-00-89-053 for more details on the use of Engineering Information bulletins.

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	Enclave	2021	2023	—	—	Equipped with 3.6L Engine (RPO LFY)	Equipped with 9 SPD Transmission (RPO M3W)
Cadillac	XT5	2021	2023	—	—	Equipped with 3.6L, 2.0L Engine (RPOs LGX, LSY)	Equipped with 9 SPD Transmission (RPOs M3W, M3G)
	XT6						Equipped with 9 SPD Transmission (RPOs M3V, M3T)
Chevrolet	Blazer						Equipped with 3.6L Engine (RPO LFY)
	Traverse					Equipped with 3.6L, 2.0L Engine (RPOs LGX, LSY)	Equipped with 9 SPD Transmission (RPOs M3W, M3G)
GMC	Acadia						

Involved Region or Country	North America
Additional Options (RPOs)	Equipped with CHASSIS DRIVE LINE-ALL WHEEL DRIVE (AWD)/FOUR WHEEL DRIVE(4WD), DRIVER SELECT (RPO F48)

Condition	<p>Some customers may comment on the Service AWD Lamp illuminated on the driver information center (DIC). Technician may find one or more of the following DTCs set.</p> <ul style="list-style-type: none"> ● C1260 - Power Transfer Unit Clutch Position Sensor Circuit High Voltage ● C1261 - Power Transfer Unit Clutch Position Sensor Circuit Low Voltage ● C1262 - Power Transfer Unit Clutch Position Sensor Circuit ● C1263 - Power Transfer Unit Clutch Position Sensor Signal Circuit High ● C1264 - Power Transfer Unit Clutch Position Sensor Signal Circuit Low ● C1265 - Power Transfer Unit Clutch Position Sensor Signal Circuit ● C1266 - Power Transfer Unit Clutch Position Sensor Signal Circuit Incorrect ● C1267 - Power Transfer Unit Clutch Position Sensor Signal Out Of Range ● C1290 - Power Transfer Unit Clutch Motor Circuit High Voltage ● C1291 - Power Transfer Unit Clutch Motor Circuit Low Voltage ● C1292 - Power Transfer Unit Clutch Motor Circuit ● C1293 - Power Transfer Unit Clutch Motor Circuit High Current ● C1295 - Power Transfer Unit Clutch Motor Circuit Erratic ● C1296 - Power Transfer Unit Clutch Motor Performance
Cause	<p>GM Engineering is attempting to determine the root cause of the above condition. Engineering has a need to gather information on vehicles PRIOR to repair that may exhibit this condition. As a result, this information will be used to "root cause" the customer's concern and develop/validate a field fix.</p>

Correction

If you encounter a vehicle with the above concern, follow normal diagnostics in SI. If all diagnostics lead to having a PTU issue. **DO NOT** attempt to make any repairs to the PTU. Replace the complete PTU and contact one of the engineers listed below. GM engineering is looking to retrieve 3 complete untouched PTUs having the above concern.

Contact Information

The Contact Information has been redacted.

Please include the following information if leaving a message:

- Technician name
- Dealer name and phone number
- Complete VIN and repair order (R.O) number

On the repair order, document the date and time the call was placed (even if the engineer was not reached).

If engineering is unable to return the call within one hour, proceed with diagnosis and repair based on information found in SI.

Warranty Information

If engineer was contacted or required information was provided, use:

Labor Operation	Description	Labor Time
8486148*	Engineering Information - Service AWD Lamp Illuminated On (DIC), Multiple DTCs Set	0.3 Hrs

*This is a unique Labor Operation for bulletin use only.

Version	1
Modified	Released May 13, 2022