



Preliminary Information

PIP5545C SES Lamp ON With DTC P0324 - Engine Squeak Or Belt Noise

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	LaCrosse	2017 - 2019	ALL	ALL	3.6L LGX	ALL
Buick	Regal	2018 - 2020	ALL	ALL	3.6 LGX	ALL
Cadillac	ATS	2016 - 2019	ALL	ALL	3.6L LGX	ALL
Cadillac	CT6	2016 - 2020	ALL	ALL	3.0L LGW, 3.6L LGX	ALL
Cadillac	CTS	2016 - 2019	ALL	ALL	3.6L LGX	ALL
Cadillac	XT5	2017 - 2020	ALL	ALL	3.6L LGX	ALL
Cadillac	XT6	2020	ALL	ALL	3.6 LGX	ALL
Chevrolet	Blazer	2019 - 2020	ALL	ALL	3.6 LGX	ALL
Chevrolet	Camaro	2016 - 2019	ALL	ALL	3.6L LGX	ALL
Chevrolet	Colorado	2017 - 2020	ALL	ALL	3.6L LGZ	ALL
GMC	Acadia	2017 - 2019	ALL	ALL	3.6L LGX	ALL
GMC	Canyon	2017 - 2020	ALL	ALL	3.6L LGZ	ALL

Involved Region or Country	North America
Condition	Some customers may comment that the SES lamp is on or the engine may have a slight noise coming from the front of engine belt area. This noise may or may not be present at the time vehicle comes in.
Cause	Upon investigation you may find DTC P0324 set in the ECM. Vehicle may also have a slight squeak noise coming from the front of engine. We have determined that at times this code can be set by noise from the water pump.

Correction:

If this condition is found perform the following inspections prior to diagnosing per SI.

- a) Listen to the water pump with a stethoscope or chassis ears to see if any unusual noise is heard. Compare to similar vehicle to confirm.
- b) Watch the knock retard bank to bank on GDS2, then remove the belt and observe knock retard again. If there is a difference this PI applies.

If no noises are heard or there is no difference in knock retard then this PI does not apply.

Normal SI diagnostics should be followed.

If a noise is heard or a difference is made removing the belt, then replace the water pump and reevaluate the concern.

NOTE: This is a preliminary temporary diagnostic and repair. As more investigation information becomes available this PI will be updated or advanced to a bulletin.

Warranty Information

For vehicles repaired under the Powertrain coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
4032750	Water Pump Replacement	Use Published Labor Time

Version History

Version	4
Modified	01/11/2018 - Created on 09/05/2018 - Updated to remove Models 12/11/2018 - Updated to add Models and Model Year 07/06/2020 - Updated to add Models and Model Year



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