



Service Bulletin

TECHNICAL

Subject: Snapping/Ticking Noise and/or Spark from Harmonic Balancer

This Bulletin replaces PIP5354 and updates the Model and Service Procedure sections. Please discard PIP5354.

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	Enclave	2015	2017			LLT	
	LaCrosse	2015	2017			LFX, LGX	
Cadillac	ATS	2015	2017			LFX, LGX	
	CT6	2016	2017			LGW, LGX	
	CTS (VIN A)	2015	2016			LF3, LFX	
	CTS	2017	2017			LGX	
	SRX	2015	2016			LFX	
	XT5	2017	2017			LGX	
	XTS	2015	2017			LF3, LFX	
Chevrolet	Camaro	2015	2017			LFX, LGX	
	Equinox	2015	2017			LFX	
	Impala Models	2015	2017			LFX	
	Traverse	2015	2017			LLT	
GMC	Acadia Models	2015	2017			LGX, LLT	
	Terrain	2015	2017			LFX	

Involved Region or Country

North America and N.A. Export Regions

Condition	Some customers may comment on the following conditions: <ul style="list-style-type: none"> • Snapping noise • Ticking noise • Sparks from the engine compartment
Cause	This condition may be caused by the rubber compound not meeting the specific material design specification that allows for excessive resistance between the center of the hub to the outside ring of the harmonic balancer.
Correction	If you experience a customer with this concern, it will be necessary to replace the harmonic balancer.

Parts Information

Description	Engine RPO	Part Number	Qty
BALANCER, CR/SHF	LGX	12648346	1
	LGW	12652776	1
	LFX LLT	12674685	1
	LF3	12603180	1

Warranty Information

Labor Operation	Description	Labor Time
4063290	Crankshaft Balancer Replacement	Use Published Labor Operation Time

Service Procedure

Replace the crankshaft balancer. Refer to *Crankshaft Balancer Replacement* in SI.

Version	1
Modified	

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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