



Service Bulletin

Bulletin No.: 17-NA-272

Date: April, 2019

TECHNICAL

Subject: Loud Noise, Malfunction Indicator Lamp Illuminated and/or No Start with DTC P0016, P0017, P0018 or P0019 Set

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	CT6	2016	2017	Refer to the table below for affected VIN List.		3.6L (LGX) or 3.0L (LGW)	All
	XT5	2017	2017				

VIN List		
1G6K95R65HU125862	1G6K95R67HU128309	1G6KE5R65HU123444
1G6KE5R68GU166867	1G6KE5R68GU166934	1G6KE5R6XHU125853
1G6KG5R60GU166372	1G6KG5R66GU166652	1G6KG5R67GU167261
1G6KG5R68GU166555	1G6KH5R60HU125268	1G6KH5R60HU125819
1G6KH5R66HU123556	1G6KH5R66HU124643	1G6KH5R66HU125002
1G6KK5R61GU166377	1G6KK5R63GU167255	1G6KK5R6XGU167320
1G6KN5R62HU123451	1G6KN5R63HU123457	1G6KN5R64HU127484
1G6KN5R65HU125338	1G6KN5R65HU125677	1G6KN5R6XHU123794
1G6KN5R6XHU177614	1GYKNCRS4HZ122698	LSGKR5364GA005951
LSGKR5A61GA005828		

Involved Region or Country	North America and N.A. Export Regions
Additional Options (RPOs)	Equipped with 6 Cylinder Engine (RPO LGX or LGW)
Condition	Some customers may comment on a loud noise, malfunction indicator lamp illuminated and/or vehicle will not start. During diagnosis a technician may find DTC P0016, P0017, P0018 or P0019 set in the Engine Control Module (ECM).
Cause	This may be caused by a broken engine crank sprocket caused by incomplete machining. Failure of the sprocket will cause the timing chain to stop moving or break.
Correction	Replace the engine assembly.

Parts Information for LGW Engine

Description	Part Number	Qty
Engine Assembly	12679113	1
A/C compressor hose seal: to condenser	13579648	1
A/C compressor hose seal: to evaporator	13579646	1

Description	Part Number	Qty
Catalytic converter outlet gasket - right hand	22759470	1
Exhaust pipe clamp catalytic converter outlet- left hand	23436598	1
Front suspension strut bolt	11561309	2
Front axle shaft nut	11612295	2
Front lower control arm bolt	11547107	2

Description	Part Number	Qty
Drivetrain cradle bolts	11548391	8
Turbocharger exhaust pipe gasket	12638677	2

Parts Information for LGX Engine

Description	Part Number	Qty
Engine Assembly	12679111	1
A/C compressor hose seal: to condenser	13579648	1
A/C compressor hose seal: to evaporator	13579646	1
Catalytic converter outlet gasket - right hand	22759470	1
Exhaust pipe clamp catalytic converter outlet- left hand	23436598	1
Cylinder head to exhaust pipe gasket (cat conv)	22997477	2
Front suspension strut bolt	11561309	2
Front axle shaft nut	11612295	2
Front lower control arm bolt	11547107	2
Drivetrain cradle bolts	11548391	8

Version	2
Modified	April 02, 2019 – Corrected the Engine Assembly part numbers for LGX and LGW engine.

Warranty Information

Labor Operation	Description	Labor Time
4067490	Engine Replacement	Use Published Labor Operation Time

Service Procedure

If you encounter a vehicle with the above concern and the VIN is listed above, follow diagnosis referring to SI.

Once verified that the condition was caused by a broken engine crank sprocket, replace the engine assembly. Refer to *Engine Replacement* in SI.

