



Service Bulletin

Bulletin No.: 20-NA-215

Date: April, 2021

TECHNICAL

Subject: Loss of Power Steering Assist, Service Power Steering and/or Steering Assist is Reduced Drive with Care Message Displayed on Driver Information Center (DIC) - DTC C0460 and/or C0545 Set

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	Enclave	2020	2021	October 3, 2020	October 16, 2020	—	—
Cadillac	XT5			September 28, 2020	October 22, 2020		
	XT6			September 28, 2020	October 22, 2020		
Chevrolet	Blazer	2021		September 29, 2020	October 22, 2020		
	Traverse	2020		October 3, 2020	October 16, 2020		
GMC	Acadia			September 28, 2020	October 22, 2020		

Involved Region or Country	North America, Uzbekistan, Russia, Middle East, Israel, Palestine, Chile, Colombia, Ecuador, Peru, Japan, Cadillac Korea (South Korea), GM Korea Company
Condition	<p>Some customers may comment on one or more of the following conditions:</p> <ul style="list-style-type: none"> • Loss of power steering assist • Service Power Steering message displayed on DIC • Steering Assist is Reduced Drive with Care message displayed on DIC <p>Along with these conditions, the customer might experience concerns with:</p> <ul style="list-style-type: none"> • Loss of StabiliTrak functionality • Loss of Lane Keep Assist functionality • Loss of Advanced Park Assist functionality <p>Some technicians may find one or more of the following DTCs set, current or history, in the K34 Power Steering Control Module:</p> <ul style="list-style-type: none"> • C0460-58 • C0545-00
Cause	This condition may be caused by internal component interference contact within the power steering gear assembly during rotation of the steering wheel, causing unintended grounding and damage of internal electrical components.
Correction	For vehicles built within the date range specified above, if the customer has stated one of these steering DIC messages or the Power Steering Control Module contains either of the DTCs, replace the power steering gear assembly.

Service Procedure

Refer to *Electric Belt Drive Rack and Pinion Steering Gear Replacement* in SI.

Parts Information

Use the VIN and refer to the GM Electronic Parts Catalog (EPC) to determine the proper part to order.

Causal Part	Description	Part Number	Qty
X	GEAR, ELEC BELT DRIVE RACK & PINION STRG	Refer to EPC	1

Warranty Information

Note: Use the Labor Time that coincides with the repair performed.

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Model	Labor Time
7421770*	Electric Belt Drive Rack and Pinion Steering Gear Replacement for DTC C0460-58 and/or C0545-00 Set	Acadia (AWD)	5.5 hrs
		Acadia (FWD)	5.9 hrs
		Acadia W/LGX (AWD)	6.4 hrs
		Acadia W/LSY (AWD)	3.9 hrs
		Blazer (AWD)	4.1 hrs
		Blazer (FWD)	3.4 hrs
		Enclave (AWD)	5.6 hrs
		Enclave (FWD)	5.1 hrs
		Traverse (AWD)	5.6 hrs
		Traverse (FWD)	5.1 hrs
		XT5 (AWD)	6.0 hrs
		XT6	6.6 hrs
Add	Wheel Alignment - Steering Wheel Angle and/or Front Toe Adjustment	All	0.7 hr

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

Version	1
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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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