



Service Bulletin

File in Section: -

Bulletin No.: 18-NA-153

Date: December, 2018

TECHNICAL

Subject: Wireless Charging System Check/Phone Compatibility/Retrofit Kit Available

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	LaCrosse	2017	2018			All	All
	Regal	2018	2018				
Cadillac	ATS	2015	2018				
	CT6	2015	2018				
	CTS	2015	2018				
	ELR	2015	2018				
	XT5	2015	2018				
	XTS	2015	2018				
	Escalade Models	2015	2017				
Chevrolet	Bolt EV	2015	2017				
	Suburban	2015	2017				
	Tahoe	2015	2017				
	Volt	2015	2017				
	Camaro	2016	2018				
	Impala	2016	2018				
	Malibu	2016	2018				
	Colorado	2015	2018				
	Cruze	2015	2018				
	Equinox	2018	2018				
	Silverado	2016	2017				
GMC	Acadia	2018	2018				
	Canyon	2015	2018				
	Sierra	2016	2017				
	Yukon Models	2015	2017				

Involved Region or Country	North America and N.A. Export Regions
Additional Options (RPOs)	Equipped with Inductive Portable Wireless Charger (RPO K4C) or Accessory RPO 5ZI
Condition	Some customers may comment on the wireless charging being inoperative on vehicle after recently upgrading cell phone and/or changing vehicles.
Cause	This may be due to newer cell phones not being compatible with the first generation (GEN I) wireless charging system.

Service Procedure

Important: Before performing any repairs, dealers should reference previous GM Service Bulletin 17-NA-142 to check phone compatibility and validate the function of the wireless device charger with special tool EL 51755-A.

Before any further steps are taken, dealers should confirm that the vehicle is equipped with K4C or 5ZI, the GEN I wireless charging system is operating as intended, and if the customer's phone is compatible with the GEN I wireless charging system.

If equipped with K4C or 5ZI, the system is operating as intended and the customer's phone is not compatible, then the dealer can offer the customer to purchase a GEN II wireless charging retrofit kit, P/N 84526978. The suggested list price is \$99.00 (USD). Dealers in Canada should refer to GMCC suggested list price.

The GEN II wireless charging system is compatible with the latest cell phones, and is intended to wirelessly charge without a cell phone protective cover. Due to various sizes and styles of cell phone protective covers, GM cannot guarantee that a cell phone with a cover installed will wirelessly charge.

Upgrading to a GEN II wireless charging system will not change the dimensions of the charging pocket or pad. If the customer's phone does not fit in the GEN I wireless charging configuration, it will not fit in the GEN II wireless charging configuration.

Note: This kit is intended as customer pay and will not be allowed under warranty.

Parts Information

Causal Part	Description	Part Number	Qty
N/A	MODULE PKG-M/ TEL CONT	84526978	1
N/A	BRACKET, WIRELESS CHARGING SYS MDL (CHARGE MODULE BRACKET)	84488999	1
N/A	LINER, I/P CTR COMPT (Charge Mat)	84500494	1

The retrofit kit will include a GEN II wireless charging module and a service jumper harness that results in a "plug and play" connection. The kit is customer pay and will not be allowed to be covered under warranty.

Reference the list of vehicles below to determine which vehicles are involved by model and model year.

Programs That Only Require Kit P/N 84526978

Make	Model	GEN I Wireless Charging or Gen II Wireless Charging			
		2015	2016	2017	2018
Buick	LaCrosse	N/A	N/A	GEN I	GEN I
Buick	Regal	N/A	N/A	N/A	GEN I
Buick	Regal Wagon	N/A	N/A	N/A	GEN I
Cadillac	CT6	N/A	GEN I	GEN I	GEN I
Cadillac	Escalade Models	GEN I	GEN I	GEN I	GEN II
Cadillac	XT5	N/A	N/A	GEN I	GEN I
Chevrolet	Bolt EV	N/A	N/A	GEN I	GEN II
Chevrolet	Camaro	N/A	GEN I	GEN I	GEN I
Chevrolet	Cruze	N/A	GEN I	GEN I	GEN I
Chevrolet	Equinox	N/A	N/A	N/A	GEN I
Chevrolet	Impala	N/A	GEN I	GEN I	GEN I
Chevrolet	Silverado	N/A	GEN I	GEN I	GEN II
Chevrolet	Suburban	GEN I	GEN I	GEN I	GEN II
Chevrolet	Tahoe	GEN I	GEN I	GEN I	GEN II
Chevrolet	Volt	N/A	GEN I	GEN I	GEN II
GMC	Acadia (RPO 5ZI)	N/A	N/A	N/A	GEN I
GMC	Sierra	N/A	GEN I	GEN I	GEN II
GMC	Yukon	GEN I	GEN I	GEN I	GEN II

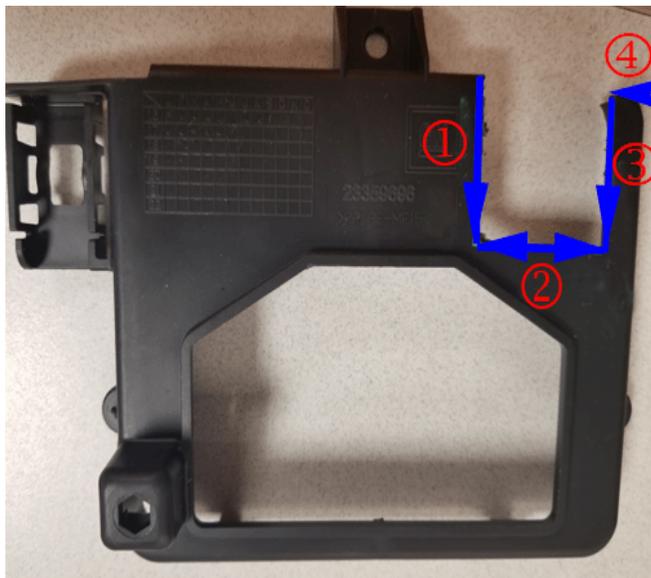
Important: GMC Acadia customers that previously purchased an accessory wireless charging kit as GEN I can now upgrade to the GEN II.

Programs That Require Kit P/N 84526978 and Require Re-Work of Existing Parts

Make	Model	GEN I Wireless Charging or Gen II Wireless Charging			
		2015	2016	2017	2018
Chevrolet	Colorado	N/A	N/A	GEN I	GEN I
Chevrolet	Malibu	N/A	GEN I	GEN I	GEN I
GMC	Canyon	N/A	N/A	GEN I	GEN I

Important: The Chevrolet Colorado, Malibu, and GMC Canyon will require slight modification to install the GEN II wireless charging retrofit kit. The modifications are necessary to allow the new connector location to have proper clearance. Please reference the modification procedure below.

Chevrolet Colorado and GMC Canyon Modification Procedure



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Legend

- (1) 32 mm
- (2) 30 mm
- (3) 30 mm
- (4) 11 mm

Modify the wireless charging module bracket by trimming the areas shown to allow clearance for the new module connector.

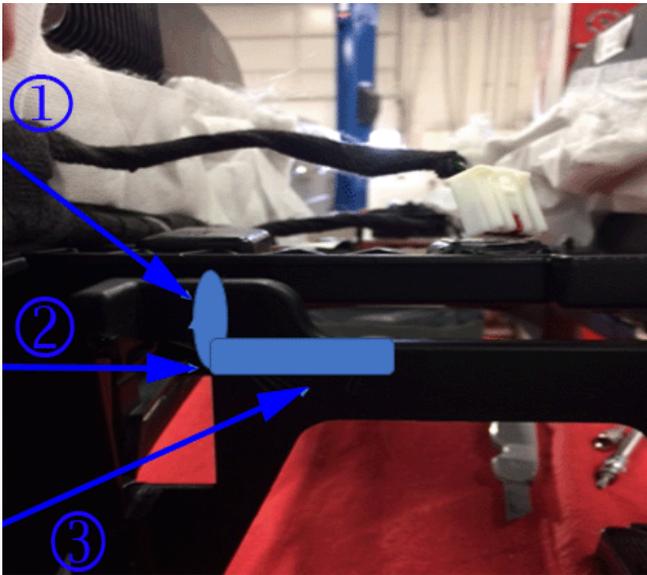
Chevrolet Malibu Modification Procedure



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View of area where cell phone charger attaches to console. Looking from rear of console before cutting console webbing.

Note: Console is upside down in this picture.



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1. Cut vertically up from existing rectangular opening.
2. Cut down approximately 5 mm, 30 mm from edge of existing rectangle.
3. Cut horizontally from rectangular opening to the prior cut that was 5 mm down.

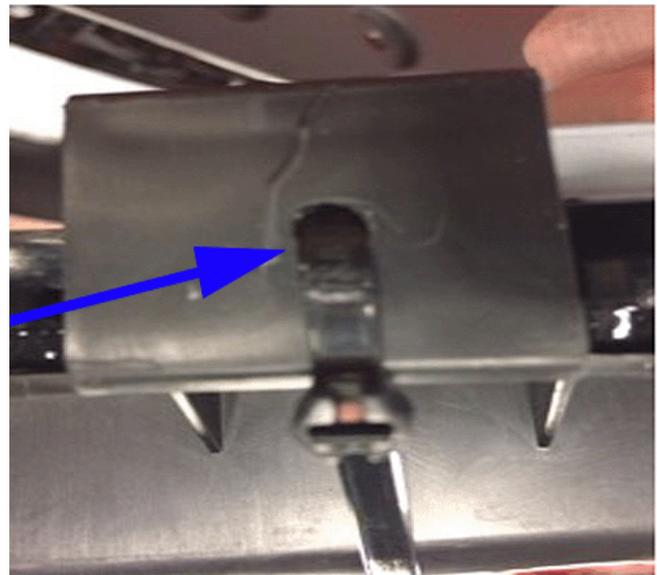


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Finished console modification.

Modified area inside oval

Note: Console is still upside down in this picture.



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Install wireless charging module into the charging pocket retainer clips.

Scribe a line on the inside of the retaining clip level with the surface of the charging module (both retaining clips).

Remove wireless charging module.

Drill a hole in the charging pocket retaining clips below the line that was scribed into the retaining clip. With hole below line it will ensure that the charging module will be pulled and retained to the charging pocket.

Drill a large enough hole for Ziptie to fit through.



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Place charging module into charging pocket.

Install a 17 in / 45 cm Ziptie around the charging module/charging pocket.

Secure Ziptie and cut off excess.

Reinstall assembled parts into the console.

Programs That Require Kit P/N 84526978 and Additional Parts Required; Bracket (P/N 84488999) and Charge Mat (P/N 84500494)

Make	Model	GEN I Wireless Charging or Gen II Wireless Charging			
		2015	2016	2017	2018
Cadillac	ATS	Gen I	Gen I	Gen I	Gen I
Cadillac	CTS	Gen I	Gen I	Gen I	Gen I
Cadillac	ELR	Gen I	Gen I	Gen I	Gen I
Cadillac	XTS	Gen I	Gen I	Gen I	Gen I

Note: Starting with the 2019 Model Year, all GM vehicles that offer wireless charging should be equipped with GEN II wireless charging.

Warranty Information

Any labor and/or additional parts will also be customer pay. Labor time should be charged similar to what is documented in the GM Global Labor Time Guide utilizing labor operation 5420170 for the specific program comparison. Most GM vehicles will require only the kit; however, a small number of GM programs will require slight modification or additional parts to complete the retrofit.

Version	2
Modified	Released May 9, 2018 December 11, 2018 – Added the GMC Acadia model/information and two P/Ns to the Parts Information.

Additional Keywords: Apple, 8,8+, X, iPhone

