



# Service Bulletin

File in Section: 06 - Engine

Bulletin No.: 15-06-03-002K

Date: February, 2018

## INFORMATION

**Subject:** Original Equipment Batteries Part Number and ACDelco Replacement Battery Approved Warranty Part Numbers

**Models:** 2016-2018 GM Passenger Cars and Trucks

**Attention:** This Bulletin also applies to any of the above models that may be Export from North America vehicles.

This Bulletin has been revised to update applicable information below including information in the table below for Malibu (VIN Z) w/Stop Start. Please discard Corporate Bulletin Number 15-06-03-002J.

Correct battery cold cranking amperage (CCA) ratings and type are critical for proper test results when using the EL-50313. Access to the battery specification label, which contains the OEM part number and CCA rating and type, may be difficult without component removal. Refer to the table below for the original equipment ratings and part numbers used to set up a proper battery test. There has been some confusion as to the correct CCA rating to use, SAE vs. EN. Refer to the table below for the correct battery warranty replacement.

The correct ACDelco battery warranty replacement in the catalog is designated by the "Original Equipment Replacement" note in the description field.

When testing batteries, you must:

- Select "Out of Vehicle" when setting up the test.
- Disconnect both of the battery cables from the battery. The battery does not need to be removed from the vehicle.
- Connect the EL-50313 directly to the battery terminal posts.
- Select the correct SAE CCA. The battery should be close to room temperature and not frozen.
- Select the proper battery type; Flooded, AGM, or Stop/Start AGM (Auxiliary Battery). Spiral AGM is not used by GM.

**Note:** Select the proper battery type to prevent battery damage and to ensure correct test results.

**Notice:** Batteries that are deeply discharged will take an extended time to recharge. Batteries that are cold (below freezing) can falsely fail testing. Batteries that are cold and deeply discharged must first be warmed prior to testing & charging.

Cold Battery Testing – Battery Temperature at Less Than 0°C (32°F)

When an automotive 12 Volt battery is cold, (below freezing) its capacity starts to reduce. This can be observed in the voltage level of the battery, as well as measured cold cranking amps. A cold battery is also resistant to charging. The colder the battery, the more these characteristics are affected

Depending how cold a battery is, it can fail testing using any type of battery test equipment, including the EL-50313 (GR8).

**Important:** It is impossible to calculate the core temperature of a battery, so using external surface temperature is not reliable. Warm the battery a **minimum of 12 hours** prior to testing. Longer warming times will be needed depending how cold the battery is.

**Note:** Cold batteries are resistant to charging even when in use on the vehicle. They will not recover quickly in subfreezing temperatures. Releasing a new vehicle with a battery in a low state of charge puts the customer at risk to a no crank event.

**Note:** If you suspect that a battery may be frozen, inspect the case for cracks prior to charging. Do not charge a frozen battery.

Always warm a cold battery temperature to above **4°C (40°F)** prior to testing.

Vehicle	Engine	CCA (OEM)	MY 16 OEM Part Number	MY 17 OEM Part Number	MY 18 OEM Part Number	ACDelco Part Number	GM Part Number	CCA (Service)	Battery Type
<b>Passenger Car</b>									
ATS	All Engines	700	23423787	23423787	23423787	48AGM	88864541	760	AGM
	Performance RPO - Y4Q	560	88865429	88865429	88865429	LN1AGM	88865429	560	
ATS w/Stop Start	L4/Gas	730	23423786	23423786	23423786	94RAGM	88864542	900	AGM
Aveo	L4/Gas	510	94668768	94668768	94668768	86PS	88865255	590	Flooded
BOLT EV	ELECTRIC	520	-	42526125	-	LN1AGM	88865429	560	AGM
			-	-	42479943				
Camaro	L4, V6 & V8/Gas	700	23423787	23423787	23423787	48AGM	88864541	760	AGM
Cascada	LWC L4	760	13487590	13487590	13487590	94RAGM	88864542	800	AGM
City Express	L4/Gas	470	24410-ETB00B	24410-ETB00B	24410-ETB00B	121RPS	88865293	600	Flooded
Corvette	All Engines	615	22940819	22940819	22940819	48PS	88865244	615	Flooded
Cruze	L4/Diesel	720	22948859	22948859	22948859	94R/PG	88865934	800	Flooded
	L4/Gas	525	23214405	-	-	47PS	88865274	525	Flooded
		615	-	22940819	22940819				
Cruze w/ Stop Start	L4/Gas	730	23423786	23423786	23423786	94RAGM	88864542	850	AGM
CT6	LTG/LGW/LGX	850	23423785	23423785	23423785	49AGM	88864539	900	AGM
	LTG PHEV	730	-	23333166	23333166				
CTS Sedan (New Model - VIN A)	All Engines	730	23423786	23423786	23423786	94RAGM	88864542	850	AGM
ELR	L4/Gas	600	47P7YR	-	-	EVLN2	88865475	630	AGM
Impala (VIN 1)	L4/Gas	730	23423786	23423786	23423786	49AGM	88864539	900	AGM
	L4 & V6/Gas	615	-	-	-	48PS	88865244	615	Flooded
22940819			22940819	22940819					
Impala (VIN 1) w/Stop Start	LCV L4/Gas	730	23423786	23423786	23423786	48AGM	88864541	760	AGM
		155	AUX	AUX	AUX	AUX	88864603	155	Stop/Start AGM
Impala Limited (VIN W)	V6/Gas	600	10360684	-	-	34PS	88865448	660	Flooded
LaCrosse	LUK L4/BAS+	525	23214405	-	-	47PS	88865274	525	Flooded
	LFX V6/Gas	615	22940819	-	-	48PS	88865244	615	
	LHN Gas	615	-	-	22940819	48PS	88865244	615	
	LGX Gas	730	-	23423786	23423786	94RAGM	88864542	850	AGM
Malibu (VIN Z)	LTG L4/Gas	660	23104180	23104180	23104180	48HPG	88865275	660	Flooded
Malibu (VIN Z) w/Stop Start	LFV L4/Gas	700	23423787	23423787	23423787	94RAGM	88864542	850	AGM

Vehicle	Engine	CCA (OEM)	MY 16 OEM Part Number	MY 17 OEM Part Number	MY 18 OEM Part Number	ACDelco Part Number	GM Part Number	CCA (Service)	Battery Type
Malibu (VIN Z) Hybrid	LKN L4/Gas Hybrid	525	23214405	23214405	23214405	47PS	88865274	525	Flooded
Malibu Limited (VIN 1) & Malibu (VIN 1)	All Engines	525	23214405	-	-	47PS	88865274	525	Flooded
Malibu Limited (VIN 1) w/Stop Start & Malibu (VIN 1) w/Stop Start	LCV L4/Gas	730	23423786	-	-	94RAGM	88864542	850	AGM
		155	AUX12	-	-	AUX12	88864603	155	Stop/Start AGM
Malibu Limited (VIN 1) w/Stop Start & Malibu (VIN 1) w/Stop Start	LKW L4/Gas	850	23423785	-	-	49AGM	88864539	900	AGM
		155	AUX12	-	-	AUX12	88864603	155	Stop/Start AGM
Regal	LUK L4/BAS+	525	23214405	23214405	-	47PS	88865274	525	Flooded
	L4/Gas	615	22940819	22940819	-	48PS	88865244	615	
Sonic	L4/Gas	525	23214405	23214405	23214405	47PS	88865274	525	Flooded
Spark	L4/Gas	410	94523672	94523672	94523672	LN1PS	88864528	450	Flooded
Spark EV	EV	520	95086464	-	-	LN1AGM	88865429	560	AGM
Chevrolet SS	V8/Gas	700	92270051	92270051	-	48AGM	88864541	760	AGM
Verano	All Engines	615	22940819	22940819	-	48PS	88865244	615	Flooded
Volt	L4/Gas	600	47P7YR	47P7YR	47P7YR	EVLN2	88865475	630	AGM
<b>Pick Up</b>									
Colorado/Canyon	L4 & V6/Gas	615	22940819	22940819	22940819	48PS	88865244	615	Flooded
	L4 Diesel	850	23423785	23423785	23423785	49AGM	88864539	900	AGM
Silverado/Sierra LD/HD <b>Note:</b> AUX battery is same as main battery	LML/L5P V8/Diesel	730	23104474	23104474	23104474	48PG	88865245	730	Flooded
	HD PU L96 V8 Gas		-	23423786	23423786	48AGM	88864541	760	AGM
	V8/Gas	720	22948859	22948859	22948859	94R/PG	88865934	800	Flooded
	V6/Gas	730	23104474	23104474	23104474	48PG	88865245	730	
<b>SUV</b>									
Captiva Sport	L4/Gas	615	22940819	22940819	-	48PS	88865244	615	Flooded
	V6/Gas	660	23104180	23104180	-	48HPG	88865275	660	
Acadia/Enclave/Traverse (VIN R/N)	V6/Gas	660	23104180	23104180	-	48PGHR	88865786	670	Flooded
Acadia (VIN N)	LGX V6/Gas	660	-	23104180	23104180	48HPG	88865275	660	Flooded
Acadia (VIN N) w/Stop Start	LCV L4/Gas	730	-	23423786	23423786	94RAGM	88864542	850	AGM

Vehicle	Engine	CCA (OEM)	MY 16 OEM Part Number	MY 17 OEM Part Number	MY 18 OEM Part Number	ACDelco Part Number	GM Part Number	CCA (Service)	Battery Type
Trax	L4/Gas	525	95388782	95388782	95388782	47PS	88865274	525	Flooded
Encore	L4/Gas	525	95388782	95388782	95388782	47PS	88865274	525	Flooded
Encore w/ Stop Start	L4/Gas	760	42364318	42364318	42364318	48AGM	88864541	760	AGM
Envision w/ Stop Start	LCV/Gas	700	84057191	84057191	84057191	94RAGM	88864542	850	AGM
	LTG/Gas	730	23264514	23333166	23333166	94RAGM	88864542	850	
Equinox/ Terrain	L4/Gas	525	23214405	23214405	23214405	47PS	88865274	525	Flooded
	LFX V6/Gas	660	23104180	23104180	-	48HPG	88865275	660	
Equinox/ Terrain w/ Stop Start	LYX/ LTG/LH7	700	-	-	23423787	48AGM	88864541	760	AGM
Escalade/ Tahoe/ Suburban/ Yukon <b>Note:</b> AUX battery is same as main battery	LML V8/ Diesel	730	23104474	23104474	23104474	48PG	88865245	730	Flooded
	V8/Gas	720	22948859	22948859	22948859	94R/PG	88865934	800	
SRX	V6/Gas	660	23104180	23104180	-	48HPG	88865275	660	Flooded
XTS	V6/Gas	660	23104180	23104180	23104180	48HPG	88865275	660	Flooded
XT5 w/Stop Start	V6/Gas	730	-	23423786	23423786	94RAGM	88864542	850	AGM
<b>Van</b>									
Express/ Savana <b>Note:</b> AUX battery is same as main battery	L4 LWN/ Diesel	770	-	25863585	25863585	78VPG	88861747	800	Flooded
	V8 LGH/ Diesel	770	25863585	25863585	25863585	78VPG	88861747	800	
	V8/Gas	600	25841893	25841893	25841893	78PS	88865249	700	
<b>Police Package</b>									
Caprice	V6/Gas	700	92270051	92270051	-	48AGM	88864541	760	AGM
	V6/ Gas AUX		92270051	92270051	-		88864541		
	V8/Gas		92270051	92270051	-		88864541		
	V8/ Gas AUX		92270051	92270051	-		88864541		
Impala	V6/Gas	720	10360685	-	-	34PG	88865242	750	Flooded
<b>Medium Duty</b>									
Low Cab Forward	6500 XD	750	-	-	89832-18150	1110	1980498	750	Flooded
	3500/ 4500		89808-40181	89808-40181	-	1111	1981046		
			-	-	89832-18150	1110	1980498		
	4500 HD/ XD - 5500 HD/XD		31-750	31-750	31-750	1111	1981046		

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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