



# Service Bulletin

Bulletin No.: 07-08-49-020R

Date: September, 2023

## INFORMATION

**Subject:** IPC Odometer Programming Method Quick Reference Guide

**Models:** 2020 and Prior GM Passenger Cars and Trucks

**Attention:** This bulletin applies to vehicles sold in the U.S. and Canada Only.

**This bulletin has been revised to add the first Important statement, add a Note to use SPS programming for all vehicles after the 2020 MY (except G-Van), and added Model Years up to 2024 to Chevrolet Express and GMC Savana in the table. Please discard Corporate Bulletin Number 07-08-49-020Q.**

**Important:** Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

The purpose of this bulletin is to provide a reference guide to help identify which season odometer programming method to use after replacing the instrument panel cluster (IPC). The three season odometer programming methods in use today are listed below. In addition, this reference guide lists the component where the season odometer value is stored. The season odometer value may be stored in the IPC, the driver information center (DIC) or the integrated body control module (IBCM), also commonly called a body control module (BCM).

**Note:** Any vehicles not listed in this document need to follow the SPS Programming for Odometer. After model year 2020, all vehicles except G-Van have converted to using SPS Programming. G-Van will still require ESC.

### Season Odometer Programming Methods in Use Today

1. IPC reprogramming and setup using the service programming system (SPS).
2. Odometer setup at the electronic service center (ESC) when using an exchange IPC/DIC.
3. Tech 2® – The Tech 2 is used to set up a replacement BCM, which includes loading the odometer value that is displayed and stored in the IPC. A replacement IPC will display the previously stored vehicle odometer value, communicated from the BCM, after cycling the ignition or driving the vehicle.

**Important:** Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will interrupt programming. Install the EL-49642 SPS Programming Support Tool (GM Dealer Equipment Item #PSC-550) to maintain system voltage. If not available, connect a fully charged 12V jumper or booster pack disconnected from the AC voltage supply. DO NOT connect a battery charger.

Model	Model Year	Odometer Value Storage	Odometer Programming Method
<b>Buick</b>			
Cascade	2016-2019	BCM	SPS*
Century	2003-2005	IPC	ESC
Enclave	2008-2017	IPC	ESC
	2018–2019	BCM	SPS*
Encore	2013-2020	BCM	SPS*
Envision	2016-2020	BCM	SPS*
LaCrosse/Allure	2005-2009	IPC	ESC

Model	Model Year	Odometer Value Storage	Odometer Programming Method
LaCrosse	2010-2019	BCM	SPS*
Lucerne	2006-2011	IPC	ESC
LeSabre	2003-2005	IPC	ESC
Park Avenue	2003-2005	IPC	ESC
Rainier	2004-2007	IPC	SPS
Regal	2003-2004	IPC	ESC
	2011-2020	BCM	SPS*
Rendezvous	2003-2007	IPC	ESC
Terraza	2005-2007	IPC	ESC
Verano	2012-2017	BCM	SPS*
<b>Cadillac</b>			
ATS	2013-2019	BCM	SPS*
CTS	2003-2007	IPC	ESC
CT4	2020	BCM	SPS*
CT5	2020	BCM	SPS*
CT6	2016-2020	BCM	SPS*
CTS Coupe, CTS Wagon, CTS-V	2008-2013	IPC	ESC
CTS Sedan, CTS-V	2014-2019	BCM	SPS*
DeVille	2003-2005	IPC	ESC
DTS	2006-2011	IPC	ESC
ELR	2014-2016	BCM	SPS*
Escalade	2003-2014	IPC	SPS
Escalade	2015-2020	BCM	SPS*
Seville	2003-2004	IPC	ESC
SRX	2004-2009	IPC	ESC
	2010-2016	IPC	SPS*
STS	2005-2011	IPC	ESC
XLR	2004-2009	IPC	ESC
XTS	2013-2019	BCM	SPS*
XT4	2019-2020	BCM	SPS*
XT5	2017-2020	BCM	SPS*
XT6	2020	BCM	SPS*
<b>Chevrolet</b>			
Astro	2003-2005	IPC	ESC
Avalanche	2003-2013	IPC	SPS
Aveo	2004-2008	IPC	ESC
	2009-2011	IPC	SPS
Blazer	2003-2005	IPC	ESC
	2019-2020	BCM	SPS*
Bolt EV	2017-2020	BCM	
Colorado	2004-2011	IBCM	Tech 2
Colorado	2012-2020	BCM	SPS*
Camaro	2010-2020	BCM	SPS*
Captiva Sport	2012-2013	IPC	SPS

Model	Model Year	Odometer Value Storage	Odometer Programming Method
Cavalier	2003-2005	IBCM	Tech 2
City Express	2016-2019	BCM	SPS*
Cobalt	2005-2010	IBCM	Tech 2
Corvette	2003-2013	IPC	ESC
	2014-2019	BCM	SPS*
	2020	BCM	SPS*
Cruze	2010-2017	BCM	SPS*
Epica	2004-2006	IPC	ESC
Equinox	2005-2006	IBCM	Tech 2
	2007-2009	IPC	ESC
	2010-2020	BCM	SPS*
Express	2003-2024	IPC	ESC
HHR	2006-2011	IBCM	Tech 2
Impala Limited (VIN W)	2003-2016	IPC	ESC
Impala (VIN 1)	2014-2019	BCM	SPS*
Kodiak	2003-2009	IPC	ESC
Malibu	2003	IPC	ESC
	2004-2011	IBCM	Tech 2
	2012-2020	BCM	SPS*
Monte Carlo	2003-2007	IPC	ESC
Opra	2004-2007	IPC	ESC
Orlando	2011-2014	BCM	SPS*
Orlando SUV	2019	BCM	SPS*
S-10	2003-2004	IPC	ESC
Silverado Classic	2003-2007	IPC	SPS
Silverado HD	2007-2014	IPC	SPS*
	2015-2020	BCM	SPS*
Silverado LD	2007-2013	IPC	SPS
	2014-2020	BCM	SPS*
Silverado 1500	2019	BCM	SPS*
Silverado 4500/5500/6500	2019	BCM	SPS*
Sonic	2012-2020	BCM	SPS*
Spark	2013-2020	BCM	SPS*
SS	2014-2017	BCM	SPS*
SSR	2003-2006	IPC	ESC
Suburban	2003-2014	IPC	SPS
Suburban	2015-2020	BCM	SPS*
Tahoe	2003-2014	IPC	SPS
Tahoe	2015-2020	BCM	SPS*
TrailBlazer	2003-2009	IPC	SPS
Traverse	2009-2017	IPC	ESC
	2018-2020	BCM	SPS*
Trax	2013-2020	BCM	SPS*
Uplander	2005-2009	IPC	ESC
Venture	2003-2005	IPC	ESC

Model	Model Year	Odometer Value Storage	Odometer Programming Method
Volt	2011-2019	BCM	SPS*
<b>GMC</b>			
Acadia	2007-2016	IPC	ESC
Acadia Limited	2017	IPC	ESC
Acadia	2017-2020	BCM	SPS*
Canyon	2004-2011	IBCM	Tech 2
	2012-2020	BCM	SPS*
Envoy	2003-2009	IPC	SPS
Jimmy	2003-2005	IPC	ESC
Safari	2003-2005	IPC	ESC
Savana	2003-2024	IPC	ESC
Sierra Classic	2003-2007	IPC	SPS
Sierra HD	2007-2014	IPC	SPS
	2015-2020	BCM	SPS*
Sierra LD	2007-2013	IPC	SPS
	2014-2020	BCM	SPS*
Sierra 1500	2019	BCM	SPS*
Sonoma	2003-2004	IPC	ESC
Terrain	2007-2009	IPC	ESC
Terrain	2010-2020	BCM	SPS*
TopKick	2003-2010	IPC	ESC
Yukon	2003-2006	IPC	SPS
	2007-2014	IPC	SPS
	2015-2020	BCM	SPS*
<b>HUMMER</b>			
H2	2003-2007	IPC	SPS
	2008-2010	IPC	ESC
H3	2006-2010	IBCM	Tech2
<b>Oldsmobile</b>			
Alero	2003-2004	IPC	ESC
Bravada	2003-2004	IPC	SPS
Silhouette	2003-2004	IPC	ESC
<b>Pontiac</b>			
Aztek	2003-2005	IPC	ESC
Bonneville	2003-2005	IPC	ESC
G3	2009-2010	IPC	SPS
G5	2007-2010	IBCM	Tech 2
G6	2005-2009	IBCM	Tech 2
G8	2008-2009	IPC	SPS
Grand Am	2003-2005	IPC	ESC
Grand Prix	2003-2008	DIC	ESC
GTO	2004-2006	IPC	ESC
Montana	2003-2005	IPC	ESC
Montana SV6	2005-2009	IPC	ESC
Pursuit	2005-2006	IBCM	Tech 2

Model	Model Year	Odometer Value Storage	Odometer Programming Method
Solstice	2006-2010	IBCM	Tech 2
Sunfire	2003-2005	IBCM	Tech 2
Torrent	2006	IBCM	Tech 2
	2007-2010	IPC	ESC
Vibe	2003-2010	IPC	ESC
Wave	2005-2008	IPC	ESC
<b>Saab</b>			
9-7X	2005-2009	IPC	SPS
<b>Saturn</b>			
ASTRA	2008-2009	IPC	SPS
AURA	2007-2009	IBCM	Tech 2
ION	2003-2007	IBCM	Tech 2
L-Series	2003-2005	IBCM	Tech 2
OUTLOOK	2007-2010	IPC	ESC
RELAY	2005-2007	IPC	ESC
SKY	2007-2010	IBCM	Tech 2
VUE	2003-2007	IBCM	Tech 2
	2008-2010	IPC	SPS

\*The odometer programming is integrated as part of the BCM programming procedure. It is not a stand-alone event.

\*\*The IPCs on the Low Cab Forward **CANNOT** be programmed. An odometer label (GM P/N 10443718) should be ordered and placed on the B-pillar.

