



# Service Bulletin

Bulletin No.: 06-08-47-001O

Date: June, 2019

## WARRANTY ADMINISTRATION

**Subject:** Warranty SPS Control Module Reprogramming

**Models:** 2020 and Prior 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 add the 2020 Model Year and update table data and Warranty Transaction Information. Please discard Corporate Bulletin Number 06-08-47-001N.**

Module reprogramming labor operations are used to submit warranty transactions for reprogramming (without replacement) of a control module with new or updated software and/or calibration files using the TIS Service Programming System (SPS) application. These labor operations are only applicable for control modules that have valid service software/calibration files released and are not to be used when replacing a module.

### Confirming Correct Labor Operations Using the Warranty Claim Code

Please refer to the vehicle specific Labor Time Guide for the list of applicable *Reprogramming with SPS* labor codes. The following chart can be used to confirm that you are submitting a warranty transaction with the correct labor operation. Match the first two digits of the SPS Warranty Claim Code to the corresponding correct labor operation.

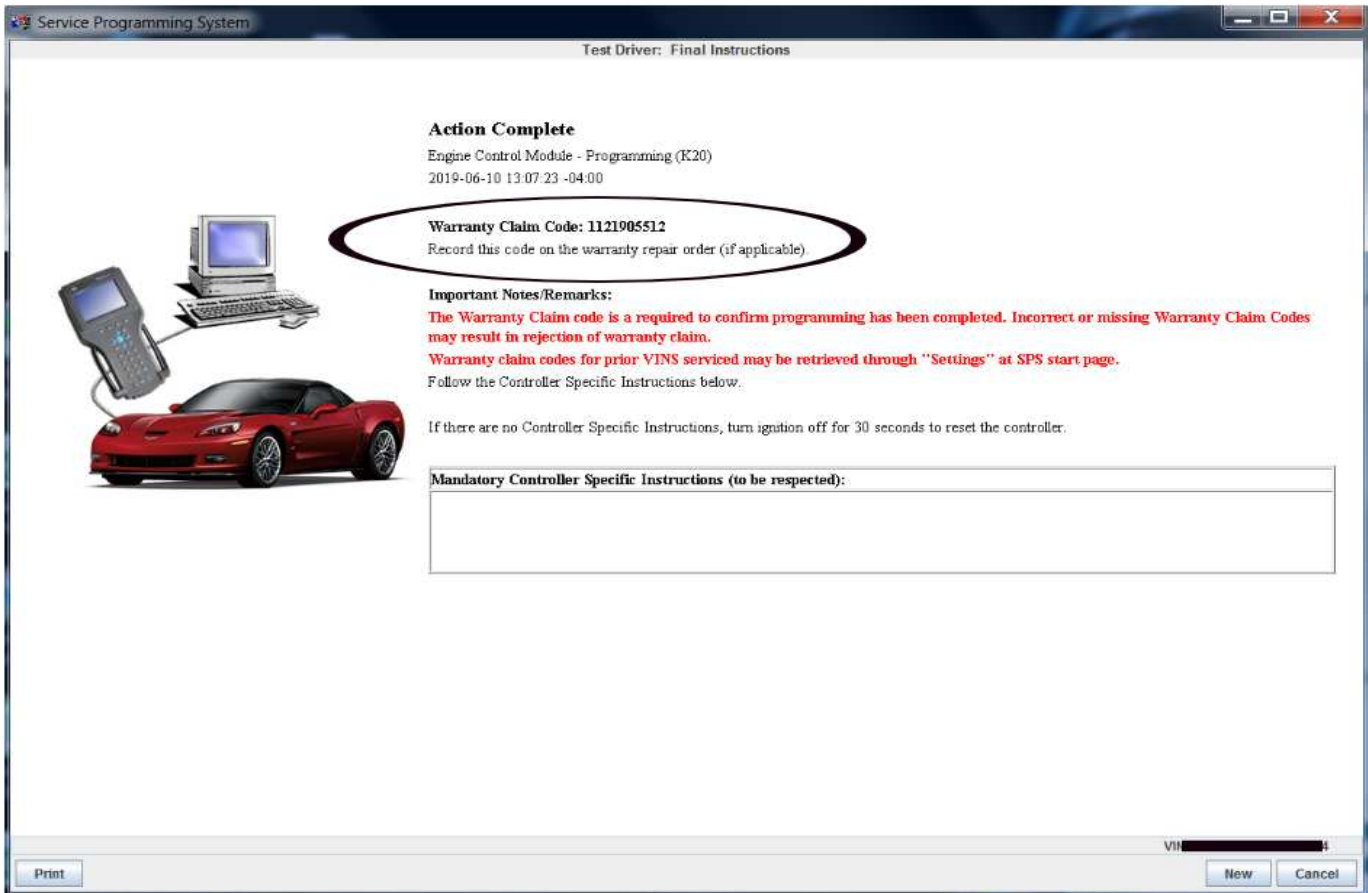
First Two Digits of Warranty Claim Code	Module Reprogram with SPS	Labor Operation(s)
All	Reprogram per Bulletin	Use Labor Operation listed in Bulletin
1A, 1B, or 37	Rear Differential Clutch Control Module	2810695
2D	Trailer Brake Control Module	2810255
BB	Active Safety Control Module	2810435
6D	Video Processing Control Module	2810845
81	Radio Speaker Amplifier	2810855
86	Media Disc Player	2810815
8E	Multimedia Player Interface Module	2810585
8F	Human Machine Interface Control Module	2810345
9C	Air Conditioning Compressor Control Module	2810985
9D	Coolant Heater Control Module	2810965
01, 10, or 11	Powertrain Control Module – Engine	2810095
01,10, or 11	Engine Control Module	2810075 2882008 4086678
14, CA, or CE	Driver Motor Generator Power Inverter Module	2810295
16	Driver Motor Generator Battery Control Module	2810315

<b>First Two Digits of Warranty Claim Code</b>	<b>Module Reprogram with SPS</b>	<b>Labor Operation(s)</b>
01, 10, or 11	Powertrain Control Module – Transmission	2810115
13	Fuel Pump Control Module	2810085
12	Fuel Injector Control Module	2810065
13 or 22	Chassis Control Module	2810705
16	Glow Plug Control Module	2810055
18	Transmission Control Module – Transmission	2810175
18	Control Solenoid Valve and Transmission Control Module Assembly	2810155
1A or 1B	Transfer Case Module	2810135
1C	Automatic Transmission Range Selector Actuator Hardware Module	2810165
28	Electronic Brake and/or Traction Control Module	2810035
2B	Electronic Parking Brake Control Module	2810205
2B	Brake Booster Control	28110015
31, 33, or 40	Power Steering Control Module	2810625
38	Electronic Suspension Control Module	2810145
40	Body Control Module	2810215
40, 41, or 43	Door Lock and Side Window Switch	2810235
1F or 45	Serial Data Gateway Module	2810275
57	Pedestrian Alert Sound Control Module	2810445
58	Inflatable Restraint Sensing and Diagnostic Module	2810525
59	Passenger Presence System	2810605
60	Instrument Panel Cluster	2810195
B2	Head-Up Display	2810495
66	Radio Control	2810325
72 or 74	Headlamp Control Module	2810475
75	K68 Trailer Lighting Control Module	2810785
75	Trailer Lamp Control Module	2810795
80	Radio	2810335 2881998
97	Communication Interface Module	2810415
97	Mobile Telephone Control Module	2810595
99	HVAC Control Head Module	2810015 2811025 2811085 2882038
A0, A9, or D0	Front Seat Heater Control Module	2810715
A2 or A4	Accessory and Liftgate Control Module	2810905
A8 or AA	Driver or Passenger Seat Adjuster Memory Module	2810875
AA	Rear Seat Heater Control Module	2810745
AD or B1	Folding Top Control Module	2810455
AF	Keyless Entry Control Module	2810545
5B, B9 or BA	Side Object Sensor	2810765
BB	Parking Assist Control Module	2810375
BC or D1	Front View Camera	2810835

First Two Digits of Warranty Claim Code	Module Reprogram with SPS	Labor Operation(s)
B0, C0, or C1	Remote Control Door Lock Receiver	2810355
C2	Steering Column Lock Control Module	2810775
CA	Battery Charger	2810285
CD	Battery Energy Control Module	2810945
CB	Hybrid Powertrain Control Module 2	2810265
CC	Accessory DC Power Control Module	2810925
D2	Radar Sensor Module - Long Range	2810645
D3, D6, D7, D8, or DA	Radar Sensor Module - Short Range	2810655
FC, FD, or S0	Multi-Axis Acceleration Sensor Module	2810565
FC, FD, S0	Occasionally a code generated after an SPS programming sequence or other SPS procedure	See LTG or associated Technical Bulletin
FE	Vehicle Theft Deterrent procedure	See LTG or associated Technical Bulletin
Begins with the letter S through Z	Special SPS Sequential Reprogramming event that generates a Warranty Claim Code	See LTG or associated Technical Bulletin

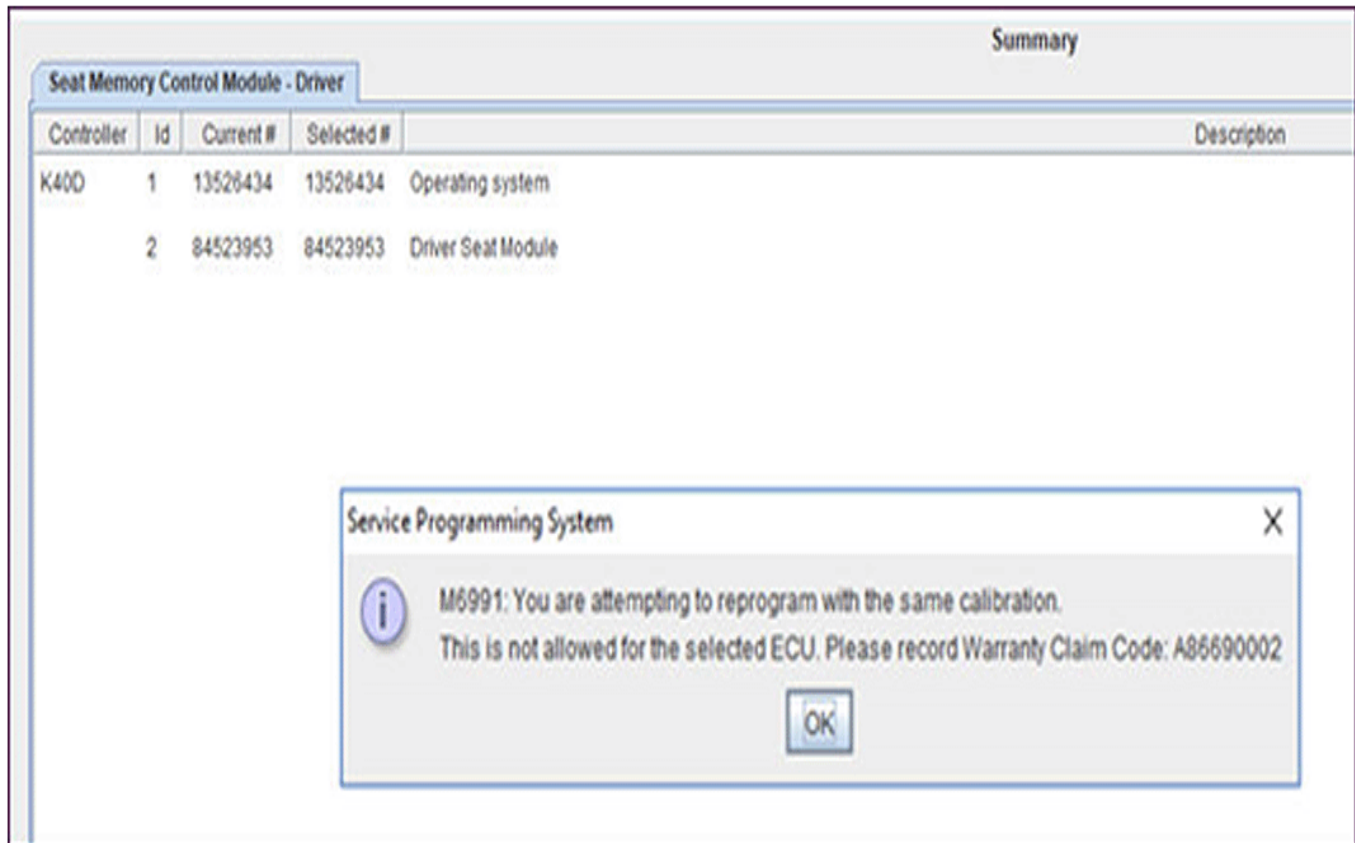
### Warranty Transaction Information

When a module is reprogrammed using SPS reprogramming, the Warranty Claim Code from the "Programming Complete" screen is required to be entered in the "SPS Warranty Claim Code" field on the transaction. DTC information (if applicable) must also be included in the Cause field of the transaction.



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The Warranty Claim Code will display in SPS (example above) after a successful programming event and should be accurately and legibly documented on the job card by the technician.



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An SPS pop up message (example above – Code M6991 Same Cal Blocking) may advise the technician that they are trying to reprogram a module with the same calibration. Reprogramming with the same calibration is not considered a valid warranty repair and the Warranty Claim Code should not be used to submit warranty or policy transactions. Note: Follow the specific instructions on any Field Action Bulletin when encountering this type of SPS alert. If the alert displays a Warranty Claim Code, document it on the job card. The Code will be necessary in situations where a transaction must be resubmitted to close the Field Action. For further information on SPS warnings regarding reprogramming a module with the current calibration, please refer to Bulletin 17-NA-242.

The Warranty Claim Code is only available when using the TIS-2-Web application. The CD or stand-alone version of TIS does not support the Warranty Claim Code.

Some control modules will require programming to be completed by using a USB memory stick with uploaded files from the TIS2 Web application. The programming to the USB memory stick will generate a Warranty Claim Code.

To avoid warranty transaction rejections:

- The VIN and the job card number on the transaction must match the VIN and job card number associated with the reprogramming event in the SPS system.
- The SPS Warranty Claim Code must be accurately entered in the "SPS Warranty Claim Code" field of the transaction.
- When more than one Warranty Claim Code is generated for a programming event, it is required to document all Warranty Claim Codes in the "Correction" field on the job card. Dealers must also enter one of the codes in the "SPS Warranty Claim Code" field of the transaction, otherwise the transaction will reject. It is best practice to enter the FINAL code provided by SPS.

### Warranty Claim Code Retrieval Information

If the SPS Warranty Claim Code was not recorded on the job card, the code can be retrieved in the SPS system as follows:

1. Open up TIS on the computer used to program the vehicle.
2. Select and start "Service Programming System (SPS)."
3. Select "Settings."
4. Select "Warranty Claim Code" tab.

The screenshot shows the Service Programming System (SPS) interface. The 'Settings' window is open, and the 'Warranty Claim Code' tab is selected. The table below displays the last 250 programming events, including VIN, Module, Function, Warranty Claim Code, and Date/Time.

VIN	Module	Function	Warranty Claim Code	Date/Time
3GTU2UEC9FG208520	K43 - Power Steering Co...	Programming	316733591	6/7/19 2:50:35 PM EDT
5GAKVCED8CJ127022	PLGM - Power Lift Gate M...	USB File Transfer (RPO ...	A46733590	6/7/19 2:49:32 PM EDT
1GNKVLED6CJ135111	PLGM - Power Lift Gate M...	USB File Transfer (RPO ...	A46733589	6/7/19 2:48:48 PM EDT
1GNKVJED1CJ121864	PLGM - Power Lift Gate M...	USB File Transfer (RPO ...	A46733588	6/7/19 2:47:24 PM EDT
5GAKVBEDXBJ212548	PLGM - Power Lift Gate M...	USB File Transfer (RPO ...	A46733587	6/7/19 2:42:10 PM EDT
5GAKVBEDXBJ212548	PLGM - Power Lift Gate M...	USB File Transfer (RPO ...	A46733586	6/7/19 2:38:39 PM EDT

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SPS will display the last 250 programming event Warranty Claim Codes. Search by VIN and/or the date/ time of the programming event.

