

# Service Update

## 18185 Coolant Concentration Out of Specification



Reference Number: N182166550

Release Date: May 2018  
Revision: 00

**Attention:** This service update includes vehicles in dealer inventory and customer vehicles that return to the dealership for any reason. This bulletin will expire at the end of the involved vehicle's New Vehicle Limited Warranty period.

Make	Model	Model Year		RPO	Description
		From	To		
Chevrolet	Silverado	2018	2018		
GMC	Sierra				

Involved vehicles are marked "open" on the Investigate Vehicle History screen in GM Global Warranty Management system. This site should always be checked to confirm vehicle involvement prior to beginning any required inspections and/or repairs.

<b>Condition</b>	In certain 2018 model year Chevrolet Silverado and GMC Sierra vehicles, the concentration of dex-cool coolant to water may be too high and may cause degradation of cooling performance. The driver may see a DIC message at 125 degrees Celsius that the air-conditioning is disabled for engine coolant temperature (ECT), and at 128 degrees Celsius, another DIC message is displayed for Engine Overheated Idle Engine.
<b>Correction</b>	Dealers are to drain specified coolant amount and replace with water.

### Parts

No parts are required for this repair.

### Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9103836	Drain Coolant and Add Water	0.5	ZFAT	N/A

### Service Procedure

**Warning: To avoid being burned, do not remove the radiator cap or surge tank cap while the engine is hot. The cooling system will release scalding fluid and steam under pressure if radiator cap or surge tank cap is removed while the engine and radiator are still hot.**

1. Raise and support the vehicle. Refer to *Lifting and Jacking the Vehicle* in SI.



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2. Place a drain pan under the radiator drain cock.
3. Install a suitable length of hose to the radiator drain cock nipple and route the hose to allow free drain of coolant.
4. Open the radiator drain cock.
5. Using the chart below, drain the appropriate amount of coolant.
6. Close the radiator drain cock and remove hose.

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7. Lower the vehicle. Refer to *Lifting and Jacking the Vehicle* in SI.
8. Open the hood and install fender covers.
9. Remove the radiator surge tank cap.



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10. Using a funnel, fill the surge tank with the correct amount of clean, drinkable water.
11. Install the radiator surge cap.
12. Remove the fender covers and close hood.

### Coolant Chart

Engine RPO	Amount of Coolant to Drain/Water to be added
LV3 (4.3L)	3.9 Liters
L83 (5.3L)	4.2 Liters
L96 (6.0L)	4.4 Liters
L86 (6.2L)	4.2 Liters

### Dealer Responsibility

Whenever a vehicle subject to this service update enters your vehicle inventory, or is in your facility for service in the future, and the vehicle is still covered under the New Vehicle Limited Warranty, you must take the steps necessary to be sure the service update correction has been made before selling or releasing the vehicle.

All new, used, GM Certified Used, courtesy transportation vehicles, dealer shuttle vehicles, etc. in dealers' possession and subject to this bulletin must be held and inspected/repared per the service procedure of this bulletin before customers take possession of these vehicles. Involved vehicles must be held and not delivered to customers, dealer-traded, released to auction, used for demonstration, or any other purpose.

All GM Certified Used vehicles currently in the dealers' inventory within the Certified Pre-Owned Inventory System (CPOIS) will be de-certified and must be held and remedied per the service procedure in this bulletin. Upon submitting an accepted/paid warranty transaction in the Global Warranty Management (GWM) system, the vehicle can be re-certified for sale within the CPOIS system, or once again be used in the CTP program.

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 tools, equipment, 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 dealer for information on whether your vehicle may benefit from the information.



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GLOBAL SAFETY FIELD INVESTIGATIONS  
DCS4765  
URGENT - DISTRIBUTE IMMEDIATELY

Date: May 30, 2018

Subject: 18185 - Service Update  
Coolant Concentration Out of Specification

Models: 2018 Chevrolet Silverado  
2018 GMC Sierra

To: All General Motors Dealers

General Motors is releasing Service Update 18185 today. The total number of U.S. vehicles involved is approximately 39. Please see the attached bulletin for details.

**Global Warranty Management (GWM)**

The Investigate Vehicle History (IVH) screen in the GWM system will be updated today, May 30, 2018. A list of involved vehicles in dealer new inventory is attached to this message. Please hold all warranty transactions until IVH has been updated.

END OF MESSAGE

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