

Part 573 Safety Recall Report

19V-328

Manufacturer Name : General Motors LLC**Submission Date :** AUG 14, 2019**NHTSA Recall No. :** 19V-328**Manufacturer Recall No. :** N182206310**Manufacturer Information :****Population :**

Manufacturer Name : General Motors LLC

Number of potentially involved : 318,374

Address : 29427 Louis Chevrolet Road
MAIL CODE 480-210-2V WARREN MI
48093

Estimated percentage with defect : 1 %

Company phone : 586-596-1733

Vehicle Information :

Vehicle 1 : 2017-2019 Chevrolet Silverado 2500/3500

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : GM production records were used to identify vehicles built with the Duramax diesel 6.6 liter engine (L5P) and the engine heater power cord (K05). Vehicles that do not have this option combination are not included in this recall. 203,213 Chevrolet Silverado 2500/3500 vehicles are affected by this recall.

Production Dates : JUL 18, 2016 - APR 18, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 2 : 2019-2019 Chevrolet Silverado 4500/5500/6500

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : GM production records were used to identify vehicles built with the Duramax diesel 6.6 liter engine (L5D) and the engine heater cord (K05). Vehicles that do not have this option combination are not included in this recall. 1295 Chevrolet Silverado 4500/5500/6500 vehicles are affected by this recall.

Production Dates : MAY 23, 2018 - APR 19, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 3 : 2017-2019 GMC Sierra 2500/3500

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : GM production records were used to identify vehicles built with the Duramax diesel 6.6 liter engine (L5P) and the engine heater power cord (K05). Vehicles that do not

have this option combination are not included in this recall. 113,866 GMC Sierra 2500/3500 vehicles are affected by this recall.

Production Dates : JUL 18, 2016 - APR 18, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : General Motors has decided that a defect which relates to motor vehicle safety exists in certain 2017-2019 model year Chevrolet Silverado 2500/3500 vehicles, certain 2017-2019 model year GMC Sierra 2500/3500 vehicles, and certain 2019 model year Chevrolet Silverado 4500/5500/6500 vehicles. In vehicles equipped with the Duramax diesel 6.6 liter engine and the optional engine-block heater cord, a short-circuit condition may develop in the engine-block heater cable or in the terminals that connect the heater cable to the block heater.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A short-circuit condition can cause damage to engine components and, in rare cases, start a fire in the engine compartment.

Description of the Cause : A short-circuit condition can occur in these vehicles if: (i) a block-heater coolant leak develops and coolant contacts the block-heater cable terminals while the cable is plugged into an energy source; or (ii) the heater cable itself is chafed or damaged due to improper routing, use, or storage. Contamination of the sealing surface of the block-heater heating element during manufacturing can allow coolant leaks to develop.

Identification of Any Warning that can Occur : The customer may notice: (i) smoke or a burning smell; (ii) poor block-heater performance; (iii) tripped circuit breakers or blown vehicle fuses; (iv) damage to the block heater, the heater cable, or engine components; and (v) block-heater coolant pooling under the vehicle.

Supplier Identification :

Component Manufacturer

Name : Electronics Components International

Address : 91 Lincoln Street

Tilsonburg, Ontario FOREIGN STATES

Country : Canada

Chronology :

see attachment

Description of Remedy :

Description of Remedy Program : Dealers will replace engine block heaters. 2500/3500 series trucks will also receive replacement heater cords, to be routed by the dealer. Vehicles that had this feature disabled as a remedy to the safety condition will be contacted and offered replacement block heaters (and heater cords for 2500/3500 series trucks) under a separate customer satisfaction program. Pursuant to 577.11, GM will provide reimbursement to owners for repairs according to the plan submitted on May 19, 2017.

How Remedy Component Differs from Recalled Component : Replacement engine block heaters are manufactured under improved supplier processes that eliminate silicone contamination of the heating element sealing surface and increase cure time for the heating element sealing material. Replacement heater cords for 2500/3500 series trucks will be routed by the dealer to prevent chafing or damage from misuse.
Recalled Component Name: CORD ASM-ENG COOL HTR, HEATER ASM-ENG COOL
Recalled Component Description: Engine-block heater power cord; Engine-block heater
Recalled Component Part Number: 84303149 (cord), 12681380 (heater)
Recalled Component Country of Origin: Canada

Identify How/When Recall Condition was Corrected in Production : GM's Flint plant stopped building vehicles with this option combination on April 23, 2019. The Springfield plant stopped building vehicles with this option combination on April 25, 2019.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on April 26, 2019. GM will provide planned owner notification dates when available. The recalled population will be addressed under three bulletins: N182206310, N182206311, and N182206312. Interim owner notification is expected to begin on May 28, 2019.

Planned Dealer Notification Date : APR 26, 2019 - APR 26, 2019

Planned Owner Notification Date : MAY 28, 2019 - JUN 24, 2019

* NR - Not Reported