



Service Bulletin



SERVICE UPDATE

SUBJECT: Service Update for Inventory and Customer Vehicles
220 Amp Generator Fuse Block Corrosion
Expires with Base Warranty

MODELS: 2015 Chevrolet Silverado 2500 HD
2015 GMC Sierra 2500 HD
Equipped with 220 Amp Generator RPO KW5

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.

PURPOSE

This bulletin provides a service procedure to relocate the separate 250 Amp fuse into the pre-fuse assembly on top of the vehicle battery on **certain** 2015 model year Chevrolet Silverado 2500 HD and GMC Sierra 2500 HD vehicles equipped with a 220 Amp Generator (RPO KW5). These vehicles may, due to corrosion at the ends of the fuse, experience a resistance build-up that does not allow current to flow through the fuse, resulting in the generator not being able to charge the vehicle battery. The battery symbol may appear on the IP and a message in the driver information center will show "Service Battery Charging System." As the battery loses charge, the vehicle may stall or not be able to start when the battery goes below 11.3 Volts. Depending on the state of charge of the battery when this occurs, the vehicle may have between 50-85 minutes before any potential stall condition.

This service procedure should be completed as soon as possible on involved vehicles currently in dealer inventory and customer vehicles that return to the dealer for any type of service during the New Vehicle Limited Warranty coverage period.

VEHICLES INVOLVED

All involved vehicles are identified by VIN in the Global Warranty Management System – Investigate Vehicle History Application. Dealership technicians should always check this site to confirm vehicle involvement prior to beginning any required inspections and/or repairs. It is important to routinely use this tool to verify eligibility because not all similar vehicles may be involved regardless of description or option content.

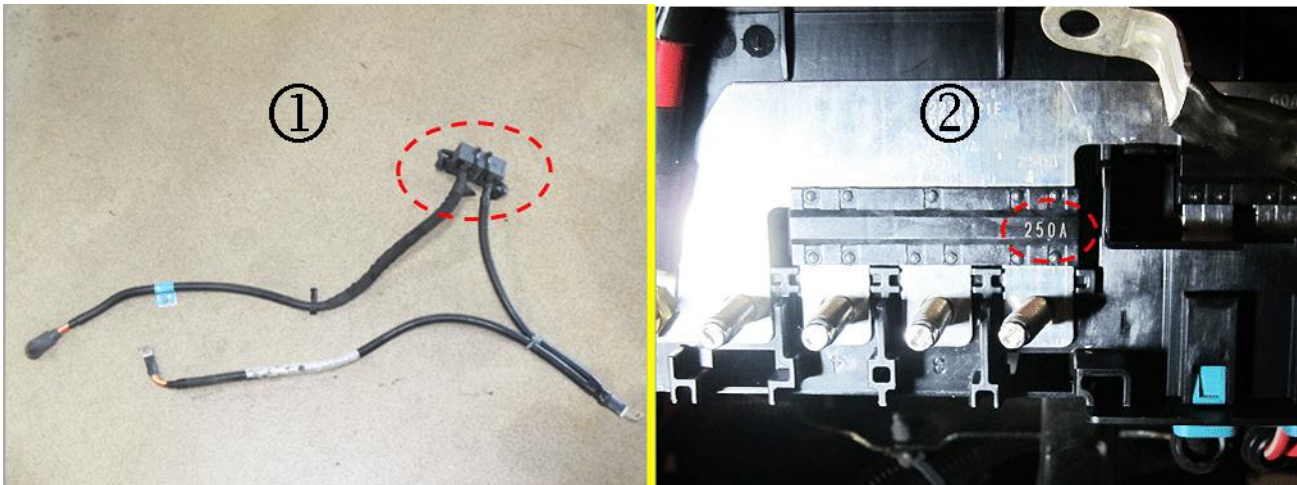
Additionally, a list of involved vehicles currently in dealer inventory is available on the “Service Update Bulletin Information” link under the “Service” tab in GM GlobalConnect (US) or attached to the GlobalConnect message (Canada) used to release this bulletin. Customer vehicles that return for service, for any reason, and are still covered under the vehicle's base warranty should also be checked for vehicle eligibility.

PART INFORMATION

Parts required to complete this service update are to be obtained from General Motors Customer Care and Aftersales (GMCC&A). Please refer to your “involved vehicles listing” before ordering parts. Normal orders should be placed on a DRO = Daily Replenishment Order. In an emergency situation, parts should be ordered on a CSO = Customer Special Order.

Part Number	Description	Quantity/Vehicle
23261760	BLOCK ASM-FUSE BAT DISTRIBUTION U ENG COM	1
23261761	CABLE ASM-BAT POS	1
23279188	CABLE ASM-BAT POS AUX BATTERY (K4B)	1
23261767	HARNESS ASM-GEN BAT CONT WRG	1

SERVICE PROCEDURE



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Note: With the new parts design, the 250 Amp fuse which was previously located on the cables (1) has now been re-located in the fuse battery distribution block (2).

1. Place vehicle in stall with a hoist.
2. Remove the upper intake manifold sight shield. Refer to *Upper Intake Manifold Sight Shield Replacement*. SI.



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3. Remove the fuse battery distribution unit engine compartment block (1). Refer to *Fuse Battery Distribution Unit Engine Compartment Block Replacement* in SI.



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4. Remove the battery positive cable. Refer to *Battery Positive Cable Replacement (Single Battery)* or *Auxiliary Battery Positive Cable Replacement - Battery to Battery Relay K4B* in SI.



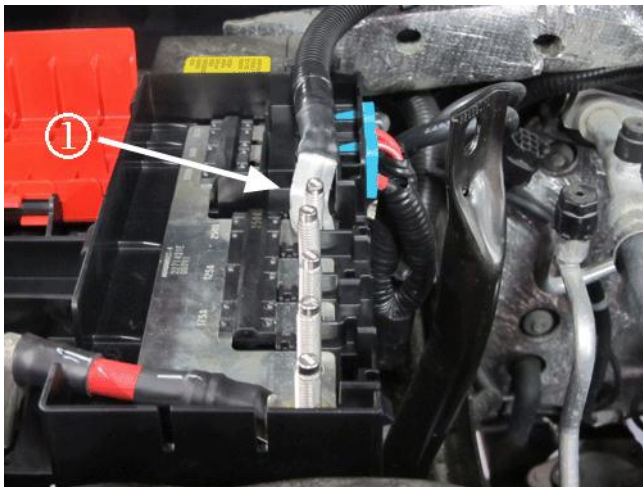
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Tip: Shown in the graphic above, for easier access to the positive battery cable fastener at the junction box, disconnect the X121 connector (1).

5. Mount the new fuse battery distribution unit engine compartment block by snapping the block onto the battery lip.

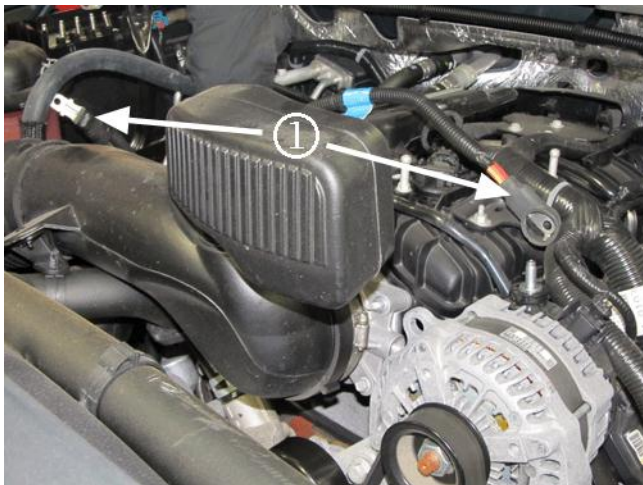
Note: If disconnected during previous step, reconnect the X121 connector (1) after installation of the new cable.

6. Install the new battery positive cable, except for the fuse block and negative battery connections. Refer to *Battery Positive Cable Replacement (Single Battery)* or *Auxiliary Battery Positive Cable Replacement - Battery to Battery Relay K4B* in SI.



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7. Position the battery positive cable eyelet (1) to the fuse block rear post, at #1 stamping.



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8. Remove the generator battery control wiring harness (1). Refer to *Generator Battery Control Wiring Harness Replacement (L96, LC8)* in SI.



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Note: Position the rearward generator harness eyelet (2) on rear post at stamping #2, on top of the positive battery cable eyelet (1) at stamping #1. Position the forward harness eyelet (3) on the forward post at stamping #5.

9. Install the new generator battery control wiring harness. Refer to *Generator Battery Control Wiring Harness Replacement (L96, LC8)* in SI.

Tip: Shown in the graphic below, for some vehicle models the cable connection at the starter and the retainer connection to the frame may be easier accomplished through the right wheelhouse liner.



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10. Complete the installation of the fuse battery distribution unit engine compartment block. Refer to *Fuse Battery Distribution Unit Engine Compartment Block Replacement* in SI.
11. Reinstall the upper intake manifold sight shield. Refer to *Upper Intake Manifold Sight Shield Replacement*. SI.

WARRANTY TRANSACTION INFORMATION

Submit a transaction using the table below. All transactions should be submitted as a ZFAT transaction type, unless noted otherwise.

Labor Code	Description	Labor Time
9101126	Fuse Block, Positive Battery Cable and Generator Harness Replacement	1.0
Add:	For Auxiliary Battery Vehicles (K4B)	0.3

DEALER PROGRAM 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.

