



Spartan Fire, LLC

Technical Service Bulletin
TSB26-520-001

DATE: 3/18/2026

APPLIES TO: This service bulletin applies to certain model year 2023-2025 Gladiator and Metro Star model emergency response chassis cabs built between April 2024 and August 2025.

CONDITION: Certain trucks may be equipped with a LCP80 Kussmaul charger that may fail to initiate the charging operation.

CORRECTION: Identify if Kussmaul charger serial number is within the affected date range and then replace charge if it is in the affected range.

LABOR ALLOCATION: 1 hour

CLASSIFICATION: T3

PARTS NEEDED: Upon inspection in **Step 1**, if it is determined that the Kussmaul charger serial number matches one of the serial numbers listed in Table 2.1 contact **Andrea Robinson** (andrea.robinson@kussmaul.com) for instructions on the charger remedy.

GENERAL INSTRUCTIONS:

Thoroughly review entire service bulletin before starting work. If there are questions or concerns with steps defined in this service bulletin, contact Spartan Fire, LLC. Customer & Product Support Group.

All applicable industry safety standards must be followed when performing work identified in this procedure.

Service Bulletins are intended for use by Professional Technicians only. They are written to guide Professional Technicians in performing service to vehicles of specific nature in conjunction with industry standards. Professional Technicians should be appropriately trained on industry standards and have the tools and equipment to perform procedures safely and properly.



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Step By Step Instructions

Inspection

- 1) Examine the Kussmaul LCP 80 data label serial number and identify if serial number is in the date range that requires replacement.
 - a. If serial number is not one of the serial numbers in *Table 2.1* below, no further action is required.
 - b. If serial number is one of the serial numbers in *Table 2.1* below, then proceed to the replacement procedure beginning in step 2.

Affected Serial Numbers

24110159	24300182	24440106
24110161	24300185	24440107
24110163	24340189	24440108
24190165	24340190	24440109
24190168	24390191	24440110
24200171	24390192	24440111
24200172	24390195	24500123
24200174	24390196	24500124
24280176	24390197	244200170
24280177	24390198	20244310632
24280178	24390199	20244310640
24300181	24410102	20244310646

Table 2.1

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Replacement

- 2) Locate the 100 amp resettable circuit breaker in the driver's side battery box and press the release button to disconnect the 12 volt power circuit from the Kussmaul charger.
(See **Figure 3.1**)

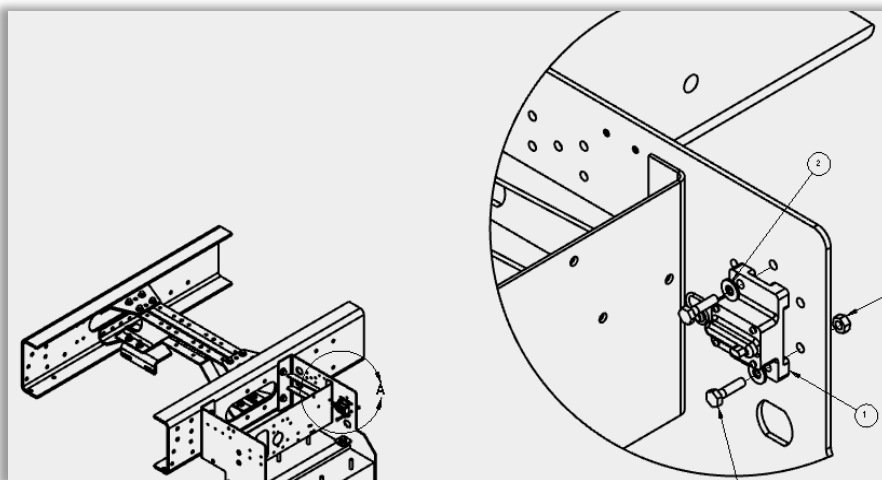
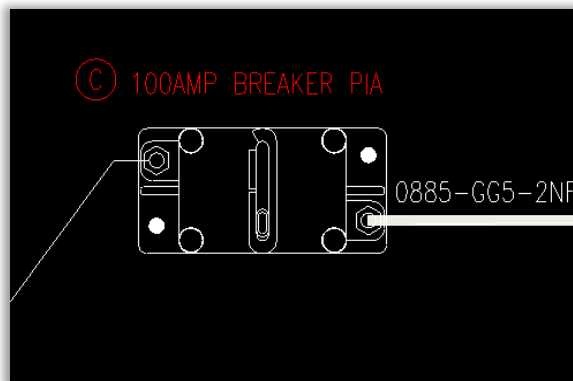


Figure 3.1

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- 3) Ensure the shore power is disconnected from the truck before proceeding with removal of the Kussmaul charger.
- 4) Locate Kussmaul charger, typically mounted under the driver's rear facing seat. (**See Figure 4.1**)

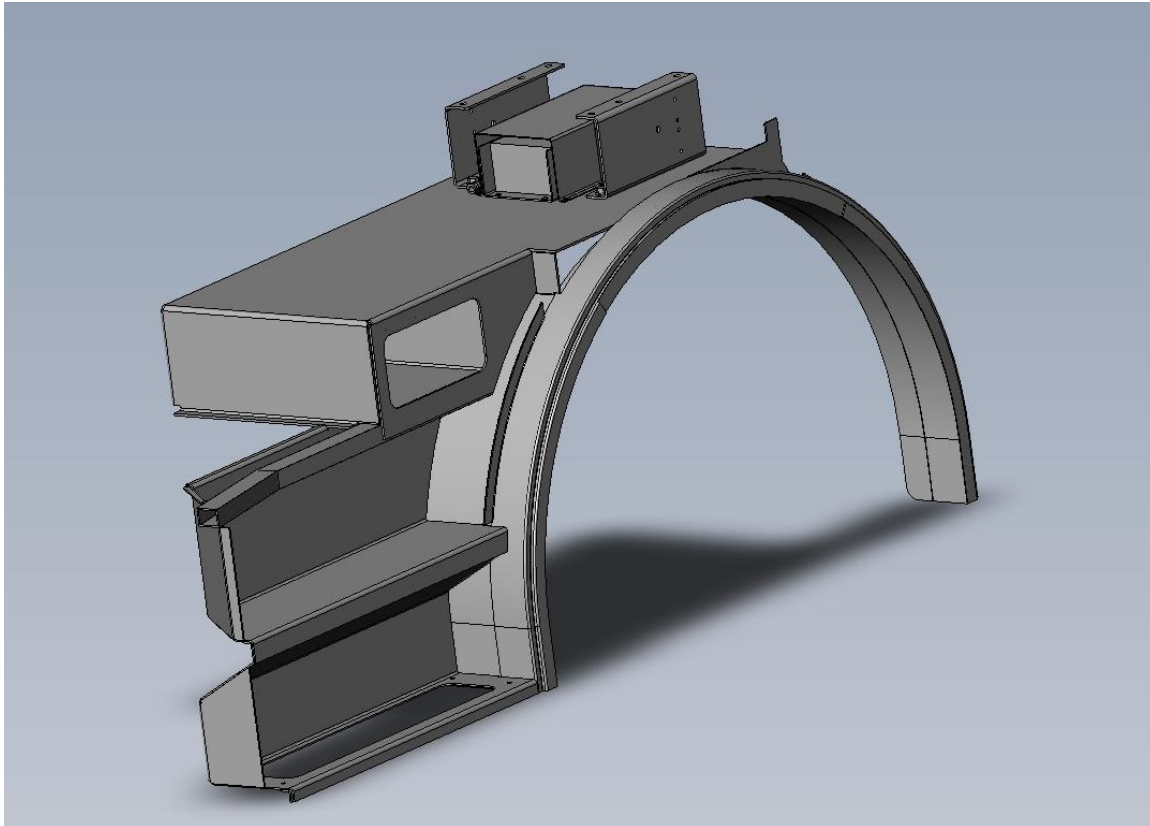


Figure 4.1

- 5) Make a note or take a photo of the wiring before disconnecting the wires from the Kussmaul charger.
- 6) Remove fasteners that secure the Kussmaul charger to the floor.

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- 7) Remove the Kussmaul charger.
- 8) Contact **Andrea Robinson** (andrea.robinson@kussmaul.com) for instructions on the charger remedy.
- 9) Reinstall new Kussmaul charger and fasteners.
- 10) Referring to the notes/photo taken earlier and **Figure 5.1** below, reconnect the wires to the Kussmaul charger.

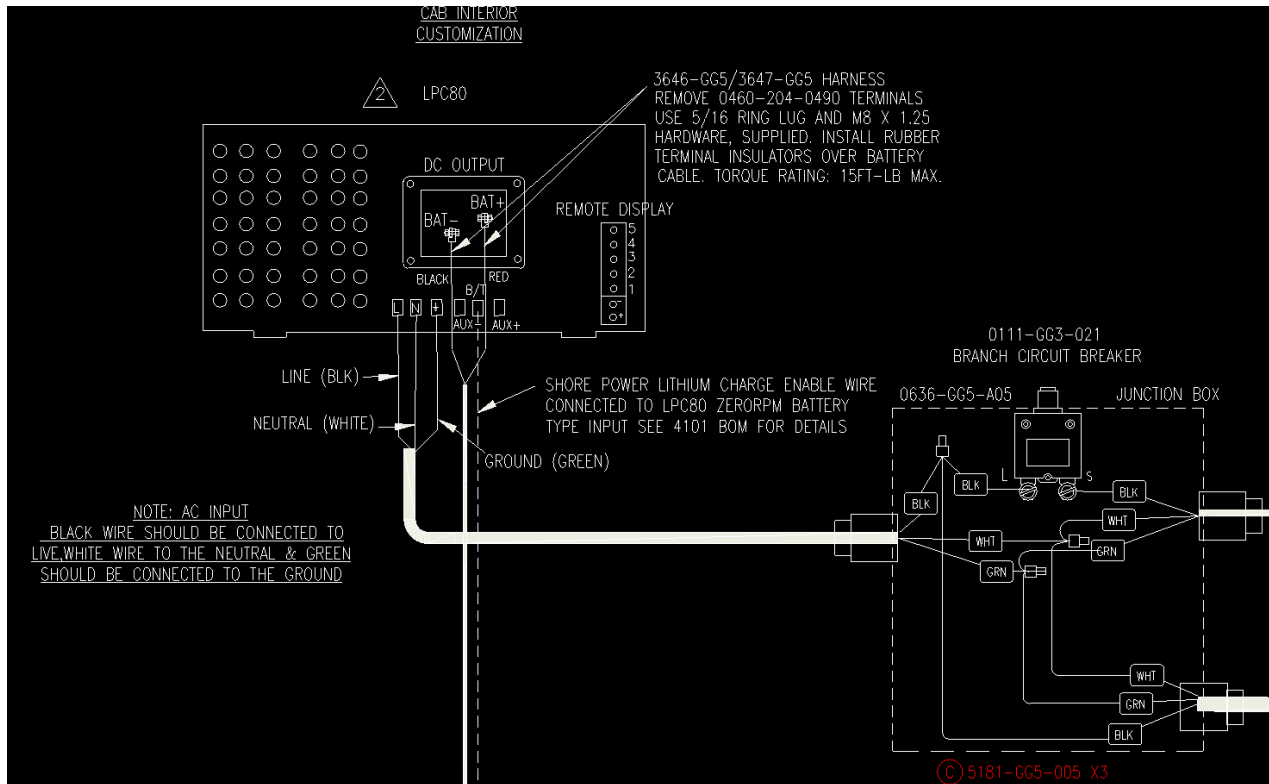


Figure 5.1

- 11) Re-engage resettable circuit breaker that was previously disengaged in step 2 to finalize the replacement.

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