



Recall Service Bulletin



**Recall Service Bulletin
RSB22-500-001**

DATE: 7/6/2022

APPLIES TO: This service bulletin applies to certain 2021 through 2023 model year, Gladiator, Metro Star and FC-94 model emergency response chassis cabs built between March 2022 and May 2022.

NHTSA/TC Id: **22V373/TC2022-275**

CONDITION: Certain Weldon HC nodes contain a terminating resistor installed on the internal circuit board, which can result in a data-bus error. Affected part number 6060-1000-00.

CORRECTION: Replace Hercules HC 1.5 nodes with Hercules HC 1.6 nodes with no internal terminating resistor.

LABOR ALLOCATION: 1 hour per node

CLASSIFICATION: V3

PARTS NEEDED:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
2	6060-1010-00	Hercules HC 1.6

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

- 1) Contact Spartan Customer Service at 1-800-867-6478 to open case and request replacement Hercules HC nodes. Please have the last 8 of the VIN and the serial numbers from the nodes available.
- 2) The customer service representative will issue a return material authorization (*RMA*) and instructions to return the old node. Retain packaging that the new nodes came in for use in returning old node.
- 3) Upon receiving the replacement nodes, they will need be programmed with OEM bin files. If you are a dealer/service center performing the repair, you will need to contact the OEM/body builder to procure the necessary bin files. The bin files can either be loaded to the node with the appropriate bench harness or after installation in truck through the Weldon communication connector under the dash to the left of the steering column.

Remove and Replace Hercules HC Node: Driver's Side Behind Gauges

- 4) Ensure master and ignition switches are turned off
- 5) Remove the 6 screws holding Instrument cluster in place and remove instrument cluster.

Refer to Figure 2.1



Figure 2.

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- 6) Locate the Weldon HC node behind the instrument cluster.
- 7) Disconnect connectors and remove 4 mounting fasteners.
- 8) Remove the HC Node from the vehicle and retain to return to Spartan Fire LLC.

Refer to Figure 3.1

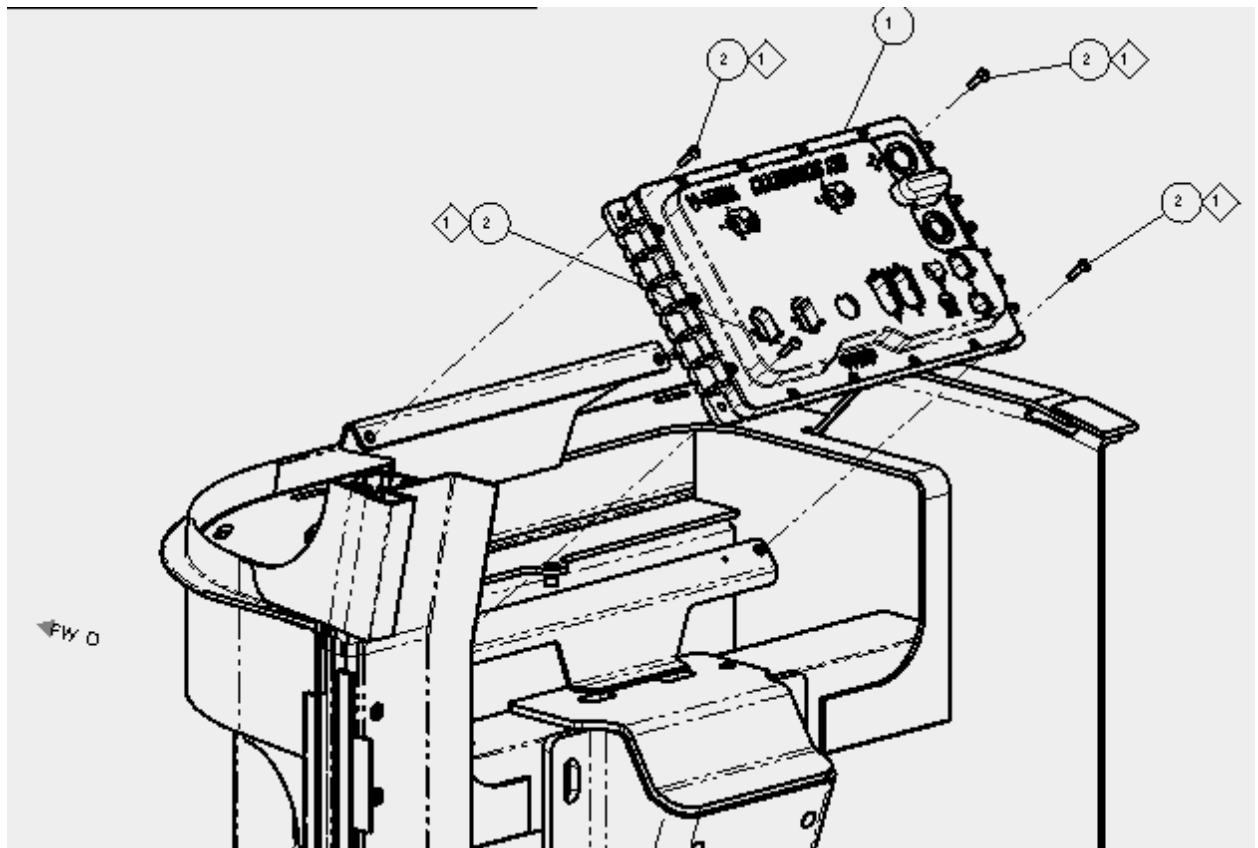


Figure 3.1

- 9) Install the new HC node and tighten fasteners.
- 10) Reconnect connectors and ensure they are all fully seated.
- 11) Reinstall instrument cluster and tighten fasteners.

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Remove and Replace Hercules HC Node: Officer's Side Behind Glove Box

- 12) Locate glove box on officer's side dash area
- 13) Remove fasteners and lift glove box assembly from dash area.

Refer to Figure 4.1

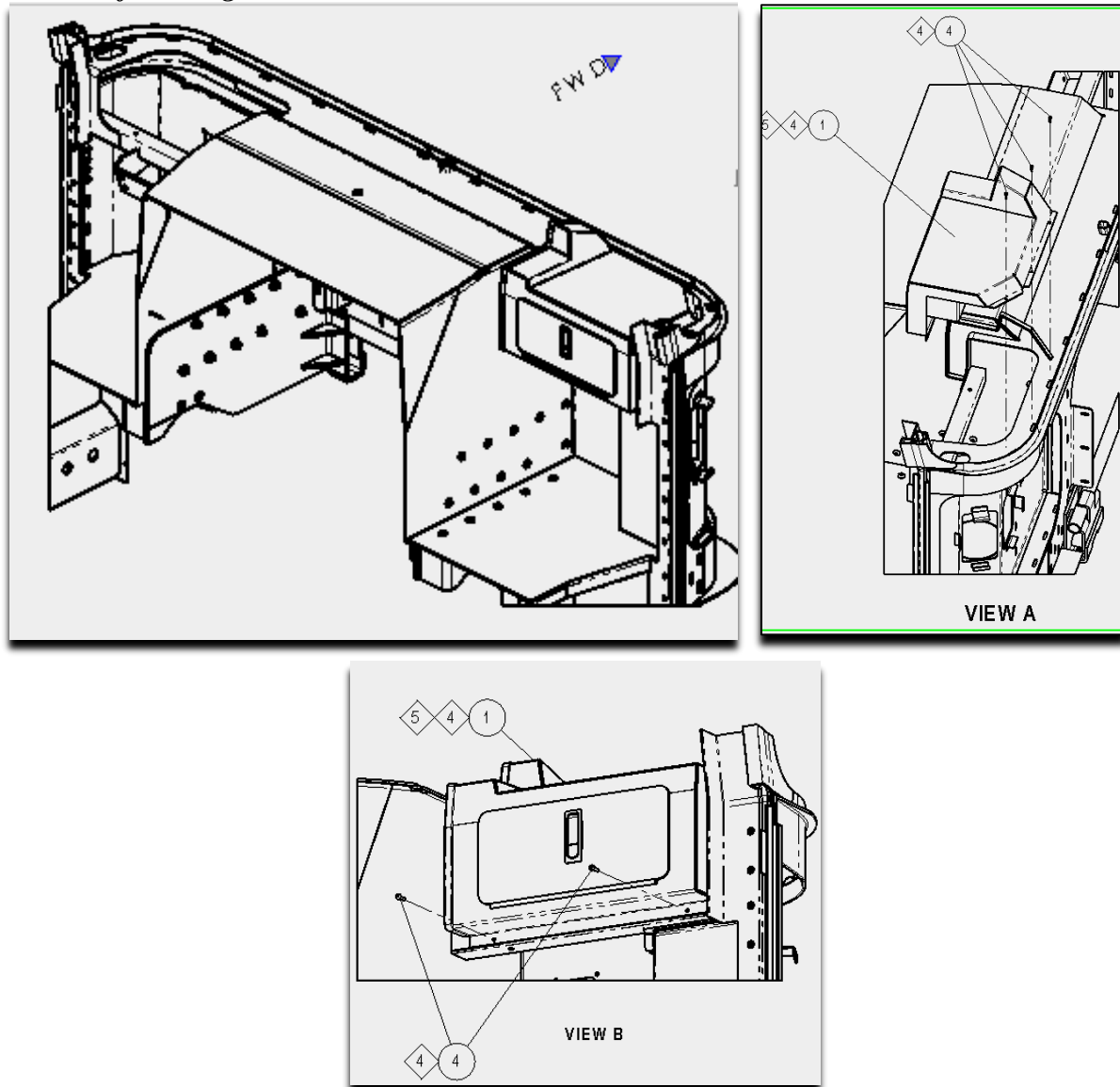


Figure 4.1

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14) Remove the 4 fasteners holding the HC node in place. Refer to **Figure 5.1**

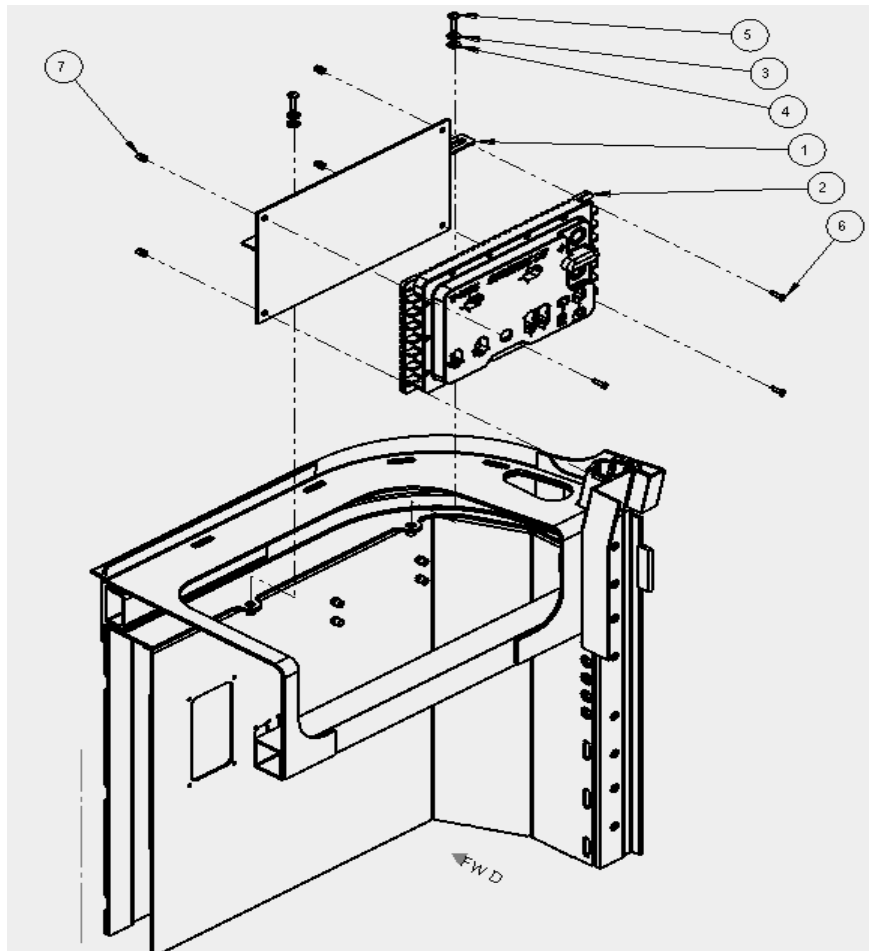


Figure 5.1

- 15) Install the new HC node and tighten fasteners.
- 16) Reconnect connectors and ensure they are all fully seated.
- 17) Reinstall officer side glove box and tighten fasteners.

Final Steps

- 18) Return old nodes to Spartan Fire LLC using the RMA issued by the customer service technician.
- 19) Verify operation of v-mux functions.

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