



DATE: 1-26-17

APPLIES TO: This service bulletin applies to model year 2016 Gladiator and Metrostar, model emergency response chassis cabs built between April 09, 2013 and November 1, 2016.

CONDITION: Instrument panels equipped with the C-COM Lightbar-Message Center (LMC) produce an unintentional alarm that may not be silenced by the driver.

CORRECTION: Update the software within the LMC

LABOR ALLOCATION: 0.5 hrs.

CLASSIFICATION: V3

PARTS NEEDED:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	S-2571-001	Kit-Gauge Software update

Kit # S-2571-001 Contains:

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	S-2571.Zip	Zip File
1	CSB16-560-002	Instruction Document
1	CSB16-560-003	Instruction Document

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 Motors USA, Inc. 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.



STEP-BY-STEP INSTRUCTIONS:

Note: Updating the LMC software is requires a PC running Windows XP or newer operating system and one of the following databus communication adapters capable of J1939 communication at 500 kbps:

- Dearborn DPA-4 USB
- Nexiq USB-Link 2
- Vector CANcaseXL

1. Contact Spartan Motors USA, Inc. Customer & Product Support Group at 1-800-543-5008 to obtain software download instructions and the part number of the instrument panel installed in your vehicle. These are required to complete the instructions. Please have your VIN number available.
2. Turn the master and ignition switches on. Allow the gauges to complete their start-up sequence.
3. Using the left button on the LMC, enter the display menu.
4. Using the LMC buttons, navigate to the Self Test > Version menu. (Right Button = navigate, Center Button = select, Left Button = previous menu/exit).
5. On the version screen, look for the Config. ID. If the Config. ID ends in the letter “a” (e.g., “106100a”), please stop and contact Spartan Motors USA, Inc. Customer & Product Support Group at 1-800-543-5008. These vehicles will require additional parts to complete the update.
6. Turn off the ignition switch. Turn off the master switch.
7. Connect communication adapter to green vehicle diagnostic port located below instrument panel, to left of steering column.
8. Turn master and ignition switches on. Allow gauges to complete their start-up sequence.
9. Open FlashXHZ.exe program.
10. Select appropriate communication adapter (e.g., Nexiq USB-Link2).
11. Based on gauge panel part number, select proper databus speed.
 - a. For all 2001-NN1 parts, select 500K CAN
 - b. For all 2018-NN1 parts, select 250K CAN

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- 12. Click FIND CLUSTER.
- 13. Select CCOM-LMC in AMETEK DEVICES FOUND list.
- 14. Select Browse.
- 15. Based on gauge panel part number, select proper flashfile according to Table 1.
- 16. Click DOWNLOAD.
- 17. Downloading will begin.



DO NOT DO ANYTHING UNTIL DOWNLOADING IS COMPLETE. REMOVING POWER WHILE DOWNLOADING MAY CORRUPT THE PROGRAMMING.

- 18. When complete, it should say “Downloading is completed successfully.”
- 19. The LMC will automatically restart. Wait for gauges to reset and perform their self-test routine.
- 20. Using left button on LMC, enter display menu.
- 21. Using LMC buttons, navigate to the Self Test > Version menu. (Right Button = navigate, Center Button = select, Left Button = previous menu/exit).
- 22. On Version screen, verify Config. ID is correct for gauge panel part number according to Table 1.

Gauge Panel Part Number	Flashfile	Config ID	Bus Speed
2001-NN1-BBA	106100d_V2.07_Flashfile.s19	106100d	500k
2001-NN1-BBB	106100d_V2.07_Flashfile.s19	106100d	500k
2001-NN1-BBC	106100d_V2.07_Flashfile.s19	106100d	500k
2001-NN1-BBM	106100d_V2.07_Flashfile.s19	106100d	500k
2001-NN1-BBQ	106100d_V2.07_Flashfile.s19	106100d	500k
2001-NN1-BBE	106202d_V2.07_Flashfile.s19	106202d	500k
2001-NN1-BBI	106203d_V2.07_Flashfile.s19	106203d	500k
2001-NN1-BBK	106203d_V2.07_Flashfile.s19	106203d	500k
2018-NN1-ADB	106200b_V2.07_Flashfile.s19	106200b	250k
2018-NN1-BAE	106201b_V2.07_Flashfile.s19	106201b	250k

Table 1

- 23. Turn power off.

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