



**DATE:** 6-23-16

**APPLIES TO:** This service bulletin applies to 2016 model year Gladiator and MetroStar model chassis cabs built by Spartan Motors USA, Inc. between January 28, 2016 and March 22, 2016.

**CONDITION:** Diesel Exhaust Fluid (DEF) supply module may be incorrect for application.

**CORRECTION:** Replace DEF fluid supply module

**LABOR ALLOCATION:** 1.5 hrs.

**CLASSIFICATION:** V3

**PARTS NEEDED:**

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	S-2544-001	Kit-FT Supply Module

**Kit # S-2544-001 Contains:**

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	0884-LL1-001	Supply Module
1	CSB16-170-001	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.

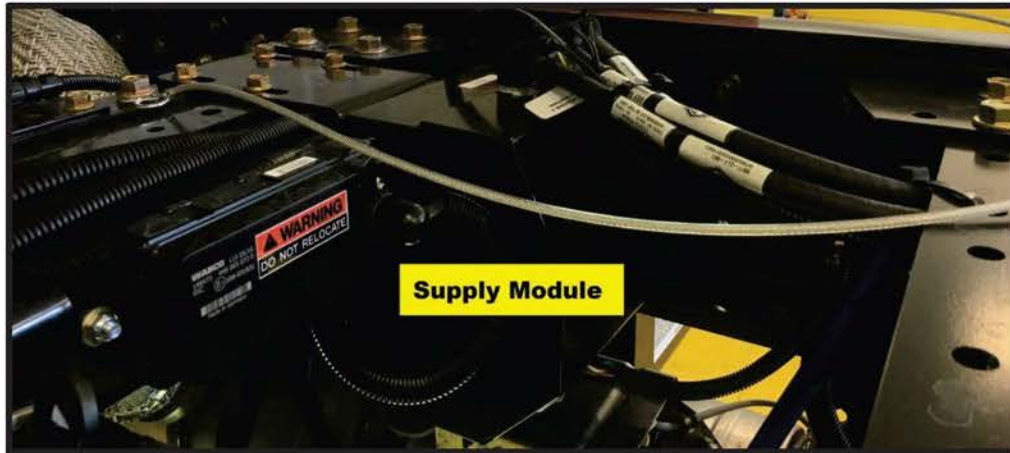
All applicable industry safety standards must be followed when performing work identified in this procedure.

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:**

1. Raise cab utilizing instruction on cab tilt pendent. Ensure safety bar is in place.
2. Supply module is located on a frame cross member towards rear of cab. Refer to FIG. 2-1.



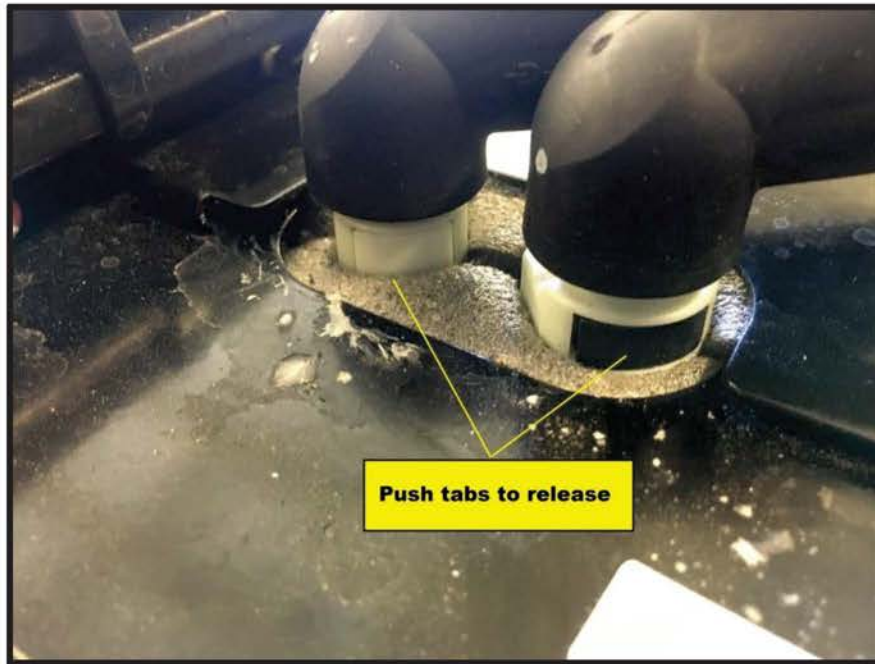
**FIG. 2-1**

3. Ensure locations of the three (3) DEF hoses coming off of top of supply module are marked to correctly re-install.

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.



4. For this step, unplugging heater connector for each line will not be necessary. Disconnect lines from supply module by pushing on release tab and gently pull up on line. Refer to FIG. 3-1.



**FIG. 3-1**

5. Remove two (2) cover retaining screws located at bottom of cover. Retain for reuse. Refer to FIG. 3-2.

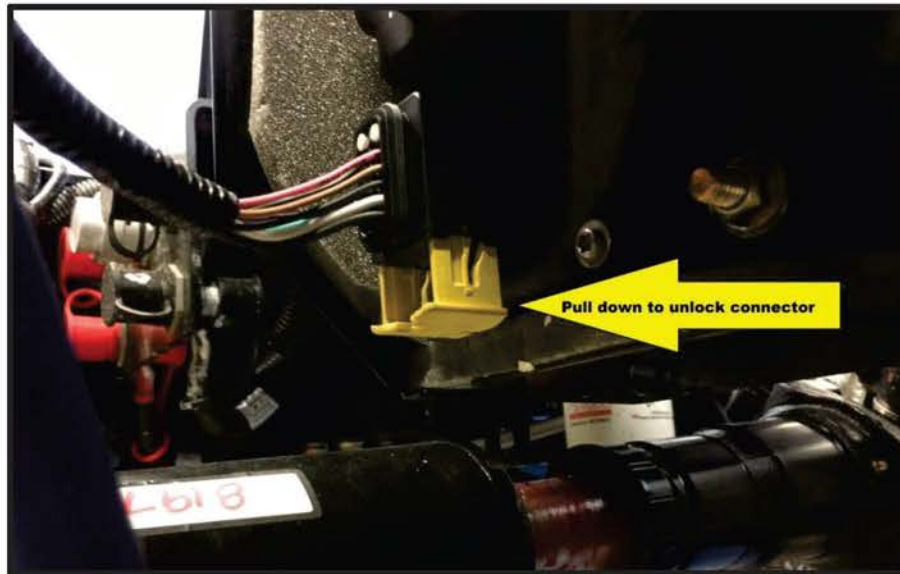


**FIG. 3-2**

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.

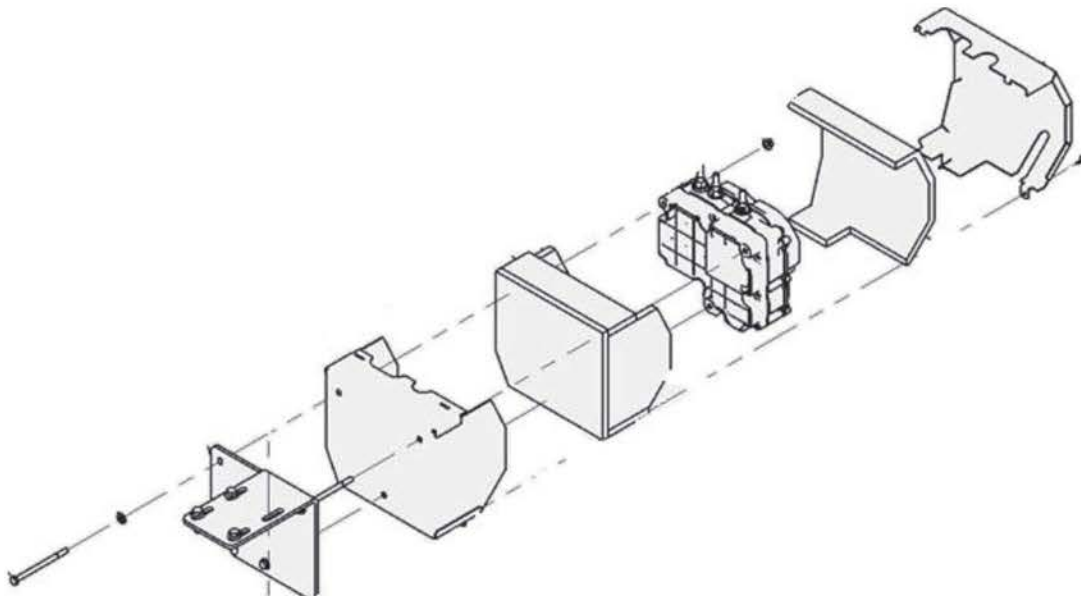


6. Once cover is removed unplug connector located at bottom of supply module by carefully pulling down on yellow tab. Retain cover and hardware for reuse. Refer to FIG. 4-1.



**FIG. 4-1**

7. Remove three (3) fasteners securing supply module to bracket. Retain fasteners for reuse. The supply module must be return per Spartan Motors USA, Inc. RMA process. Refer to FIG. 4-2.

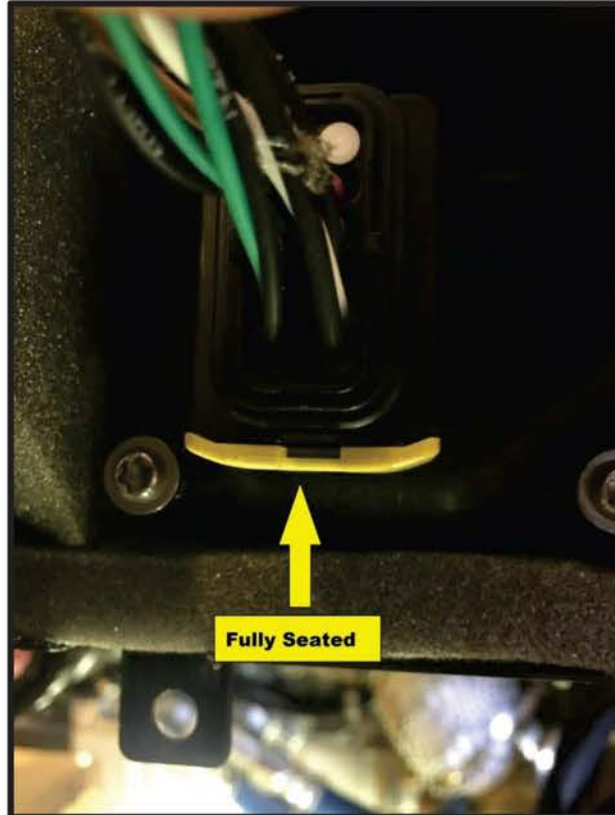


**FIG. 4-2**

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.



8. Install three retained fasteners securing supply module to bracket. Refer to FIG. 4-2.
9. Plug in connector to bottom of supply module. When pushing connector back on be sure yellow lock has fully seated. Refer to FIG. 5-1.



**FIG. 5-1**

10. Install retained cover and secure bottom two fasteners.
11. Plug lines back onto supply module in reverse order. Be sure that lines are fully seated and an audible click is heard.
12. Reinstall zip ties to ensure harnesses and hoses are secured as in the built configuration.
13. Start engine and check for any codes or DEF leaks. If a code appears troubleshoot code and check all connections.

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.