



## Recall Service Bulletin



**DATE:** 10-8-19

**APPLIES TO:** This Recall service bulletin applies to 2004 through 2019 model year, Gladiator and Metro Star model emergency response chassis cabs built between August 1, 2004 and August 30, 2019 equipped with automatic tire chain kits.

**NHTSA/TC Id:** 19V674

**CONDITION:** Automatic tire chain kits may not be pressure protected from system 1 and system 2.

**CORRECTION:** Inspect to ensure pressure protection. If not pressure protected, plumb the tire chain system to the auxiliary or air horn tank.

**LABOR ALLOCATION:** 1.5 hrs.

**CLASSIFICATION:** E3

### **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.

### **STEP-BY-STEP INSTRUCTIONS:**

1. Properly support chassis to gain access to work underneath.
2. Identify whether automatic tire chain kits are pressure protected from primary and secondary systems.
  - a. With park brake engaged, check to see that both primary and secondary system pressures are 100psi or higher.
    - i. If yes; advance to step 2.d.

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 are appropriately trained on industry standards and have the tools and equipment to perform procedures safely and properly.



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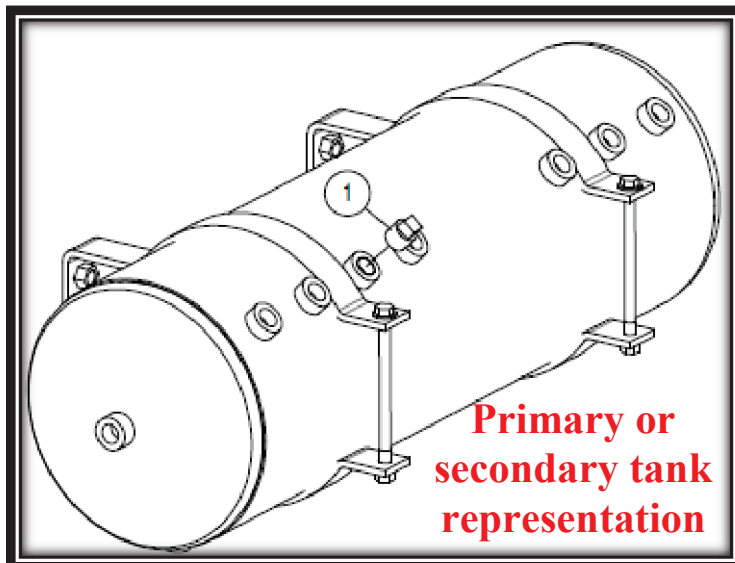


- b. Start engine.
  - c. Shutdown engine when both primary and secondary system pressures reach 100psi.
  - d. Turn on master and ignition switches to activate dash gauges.
  - e. Fully drain all auxiliary, air horn and emergency spring brake release tanks. (Identified by decal on air tank.)
  - f. Activate automatic tire chains.
    - i. If they do not actuate, system is pressure protected. Do not continue.
    - ii. If they actuate, continue to step 3.
3. Drain wet, primary, and secondary tanks completely. (Identified by decal on air tank.)
  4. Locate plugged port on either auxiliary or air horn tank and remove plug.
  5. Locate port automatic tire chain air supply is plumbed to and remove fittings from this port. Use plug removed in step 4 to plug this port, apply pipe sealer with Teflon or equivalent. Refer to FIG 3-1.
  6. Reinstall fittings and air line removed in step 5 into now open port from step 4, apply pipe sealer with Teflon or equivalent. Refer to FIG 3-2.
  7. Fill air system and check for air leaks. Zip tie all loose air lines.

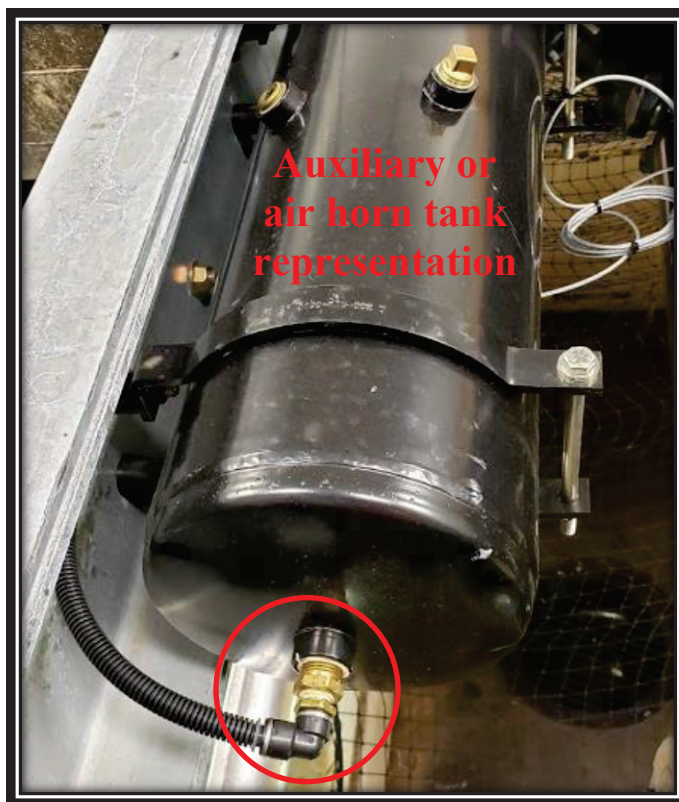
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## Recall Service Bulletin



**FIG 3.1**



**FIG 3.2**

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