



SPARTAN CHASSIS, INC.

CSB07-250-001

April, 2007

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CAMPAIGN SERVICE BULLETIN

- SUBJECT:** Front Suspension – Air Spring Spacers
- APPLIES TO:** Certain Spartan Firetrucks with an IFS and having a Vehicle Date of Manufacture (VDM) of March 1, 2007 through March 16, 2007.
- CONDITION:** Interference between tie rod and air spring in a deflated position
- CORRECTION:** Add spacers below air spring

PLEASE READ THE ENTIRE BULLETIN BEFORE PROCEEDING WITH ANY WORK. CONTACT SPARTAN CHASSIS IF THERE ARE ANY CONCERNS WITH THE PROCEDURES CONTAINED IN THIS DOCUMENT

PART / SERVICE INFORMATION:

Labor Time: 1 hr.

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	S-1830-001A	Kit- IFS 84 Spacer

Kit #S-1830-001A Contains:

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	6040081	Kit-Spartan Fire truck Spacer
1	CSB07-250-001	Document Instructions

STEP-BY-STEP INSTRUCTIONS:

1. Observe all industry safety standards and secure vehicle for installation of air spring spacers.
2. Tilt cab insuring the safety latch is engaged.
3. Place jack under front axle and raise vehicle until tires are suspended just off the ground. This will exhaust all air from the air springs.
4. Place jack stands under both sides of frame.

Technical Service Bulletins are intended for use by Professional Technicians only. They are written to guide Professional Technicians in performing service to vehicles of product 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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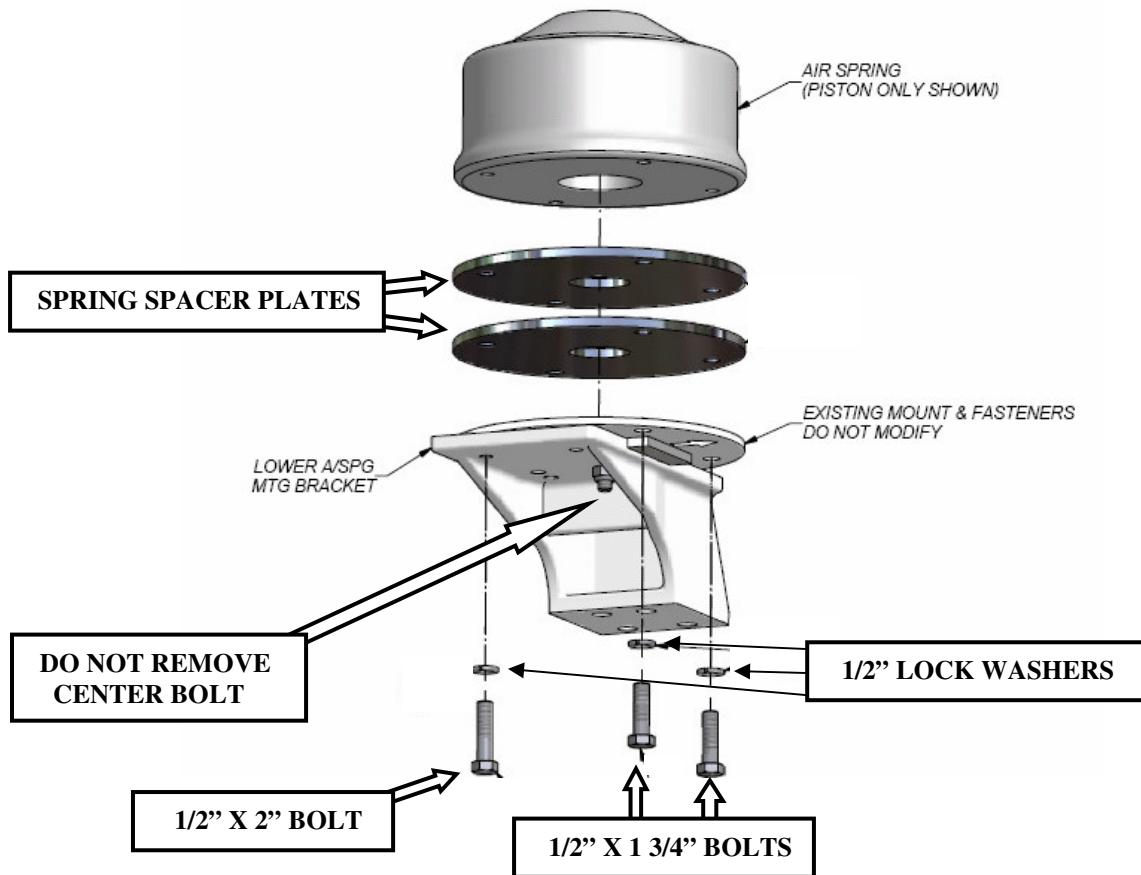
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5. Locate the bottom of the air spring and remove the three (3) 1/2" bolts and lock washers. Discard bolts and washers.

NOTE: Do not remove the center bolt.

6. Refer to FIG. 2-1. Compress the air spring and insert the two (2) spring spacer plates between the air spring and the existing mounting plate.
7. Align mounting holes of the spring spacer plates to those of the existing mounting plate. Allow the air spring to extend to hold the spring spacer plates in the proper position.



AIR SPRING SPACER INSTALLTION

FIG. 2-1

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8. Refer to FIG. 2-1. Install the new hardware insuring the 1/2" X 2" bolt is installed in the rear hole. Torque to 25 ft. lbs.
9. Repeat steps 5 through 8 for oppose side.
10. Remove jack stands and lower cab.

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