



# SPARTAN CHASSIS, INC.

TSB08-350-002

April, 2008

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## TECHNICAL SERVICE BULLETIN

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- SUBJECT:** Rear Suspension – Rear Ride Height Control Valve Linkage
- APPLIES TO:** Certain Spartan Firetruck Cab/Chassis aerial units equipped with a Raydan suspension. Having a VDM (Vehicle Date of Manufacture) of February 05, 2001 through December 20, 2007.
- CONDITION:** Contact between rear ride height linkage and access hole in crossmember gusset.

**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: 1.0 Hr.**

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

1. Observe all industry safety standards, disconnect any necessary power source and secure vehicle for enlarging of access hole in crossmember gusset.
2. Refer to FIG. 2-1. Remove linkage from rear, driver side height control valve. Carefully disconnect and remove linkage from bottom and top ends, to gain access to enlarge hole. Retain linkage for reuse.
3. Refer to FIG. 3-1. For heavy duty application. Using a die grinder, enlarge hole referring to FIG. 3-1 for proper hole dimensions. The access hole **must not** exceed the **1.00"** dimension to the outside edge of gusset.

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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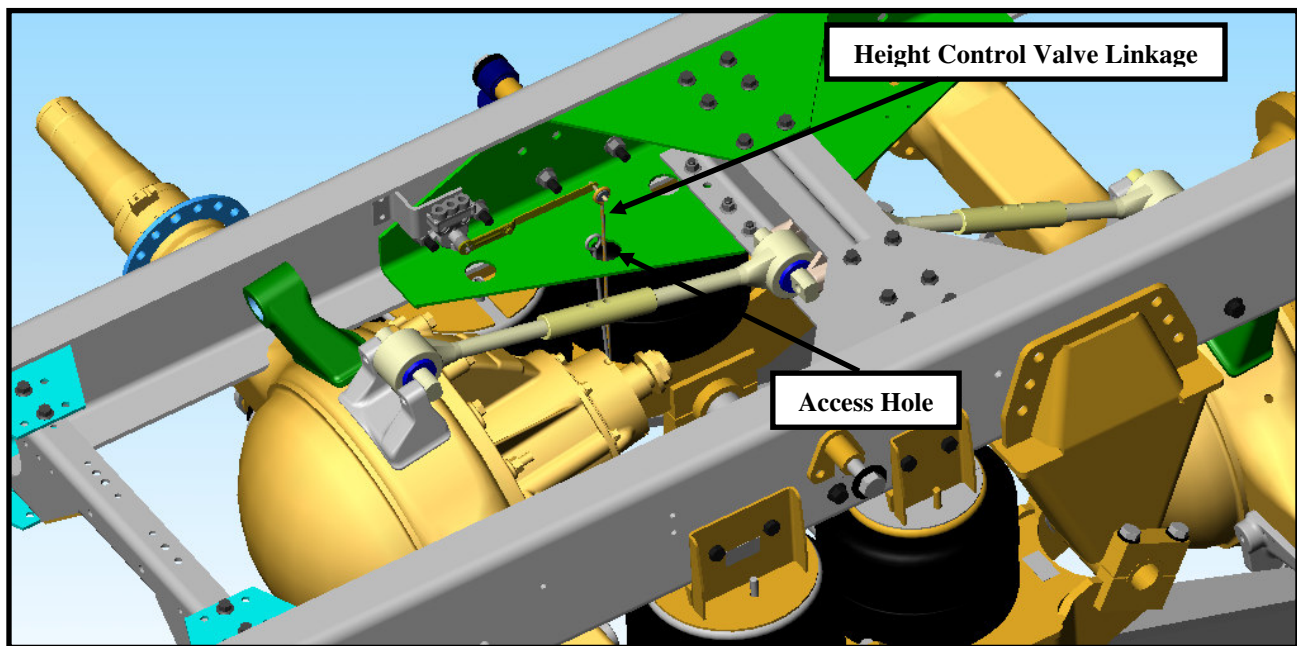
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4. Refer to FIG. 4-1. For light duty application. Using a die grinder, enlarge hole referring to FIG. 4-1 for proper hole dimensions. The access hole **must not** exceed the .75" dimension to the outside edge of gusset.



### RAYDAN SUSPENSION

#### FIG. 2-1

**NOTE: Edges of new enlarged access hole must be smooth and free of nicks and burrs. Edges of access hole surface must be repainted.**

5. When hole enlargement is completed, paint all bare metal surfaces.
6. Refer to FIG. 2-1. Reconnect height control linkage at bottom and top of linkage ends.
7. If applicable repeat steps for opposite side.
8. Reconnect any power source previously disconnected.
9. Deploy outriggers, using the proper safety devices (jack stands) check linkage for proper clearance.

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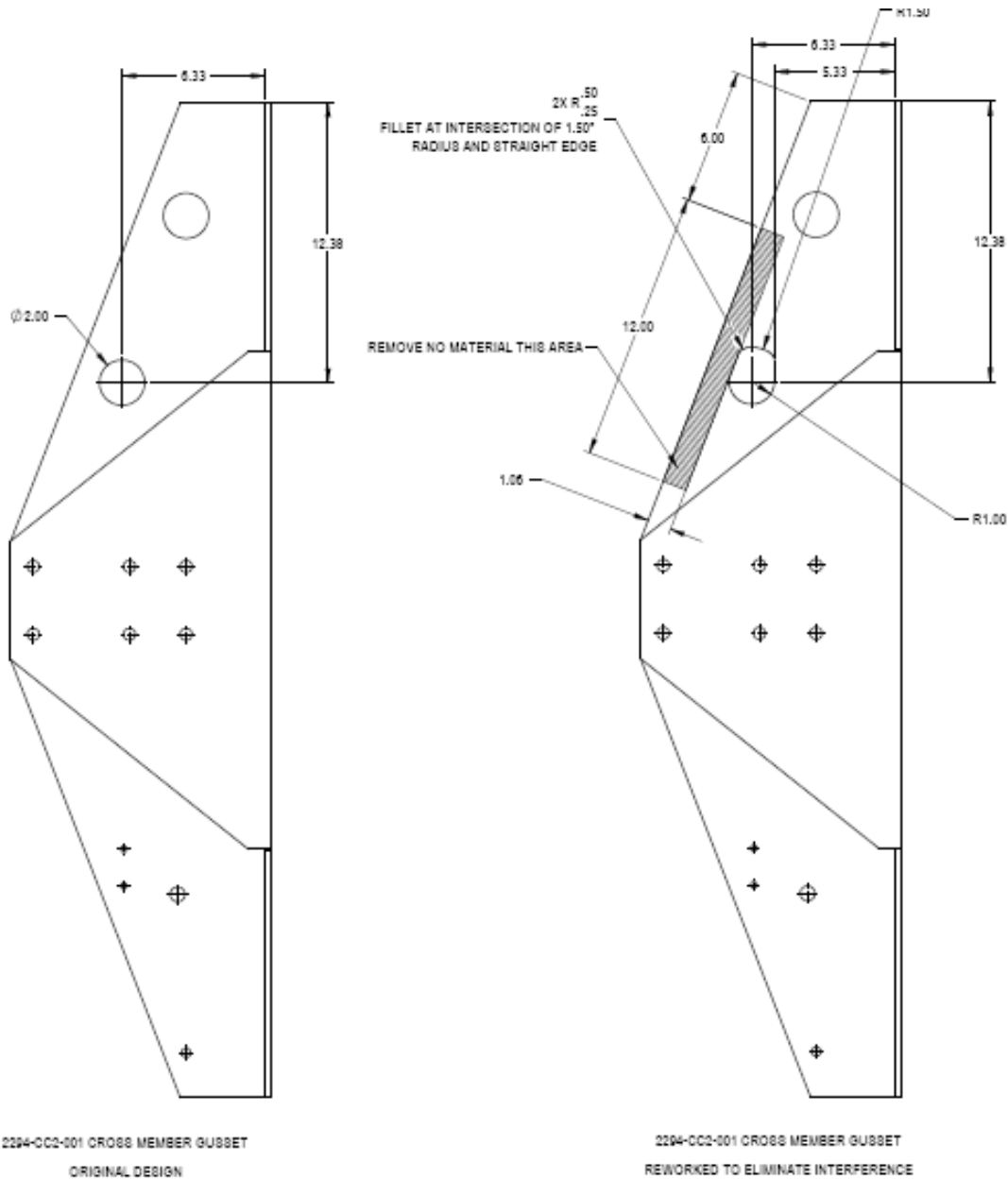
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### HEAVY DUTY CROSSMEMBER ACCESS HOLE ENLARGEMENT

**FIG. 3-1**

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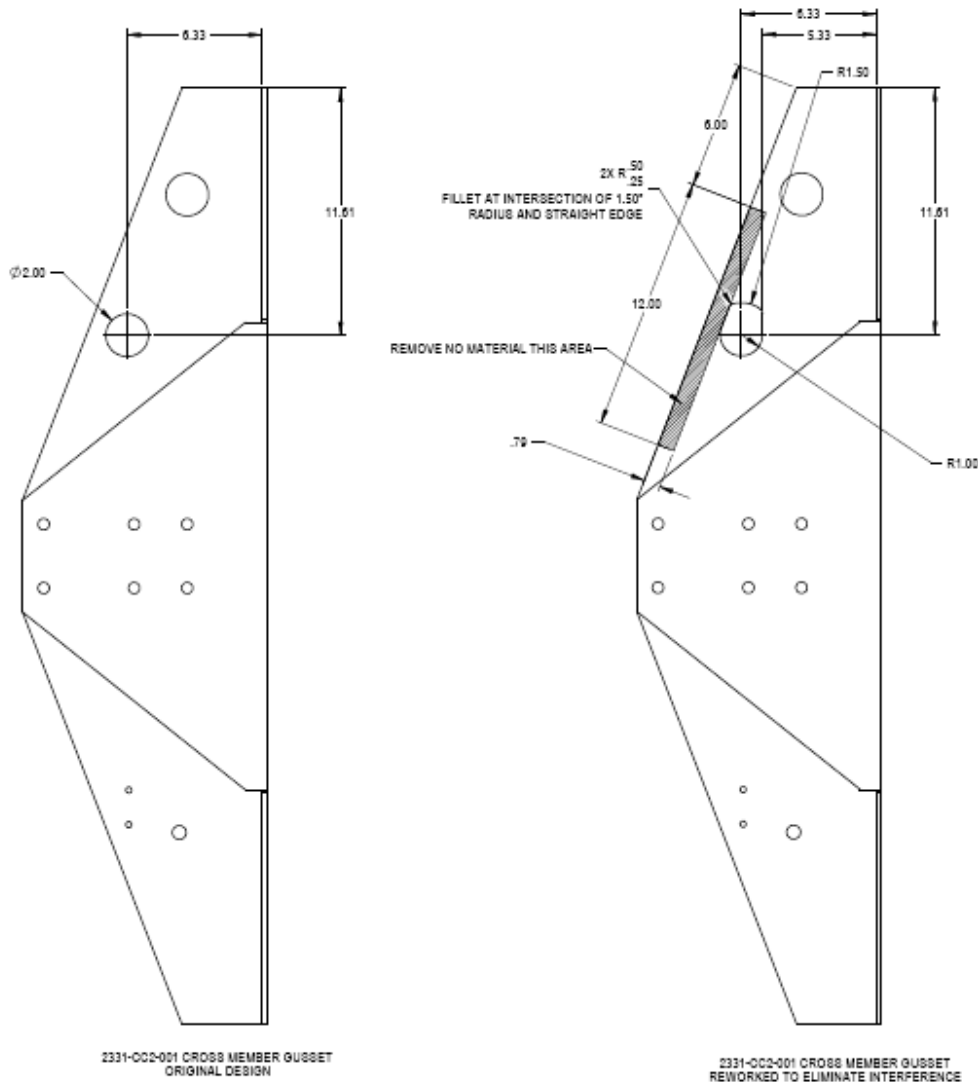
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### LIGHT DUTY CROSSMEMBER ACCESS HOLE ENLARGEMENT

**FIG. 4-1**

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