



An Oshkosh Corporation Company

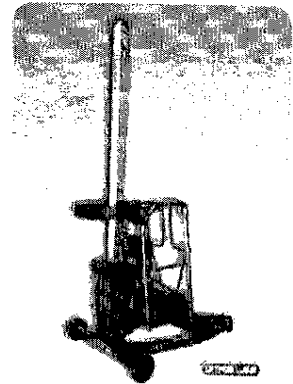
## SAFETY NOTICE

FSB #112E3

# **FIELD SERVICE BULLETIN**

## **PROMPT ACTION REQUIRED**

**Attention:** JLG Product Owner  
**Subject:** LiftPod Platform Gate Hinge Replacement  
**Models Affected:** FS60 and FS80 LiftPod Platforms  
**Date:** August 29, 2012



### **Purpose:**

This Field Service Bulletin ("Bulletin") is being issued to advise you of the requirement to replace the platform gates on certain FS60 and FS80 LiftPod Platforms manufactured by JLG Industries, Inc ("JLG"). The platform gates must be replaced because incorrect material selection, coupled with inconsistencies in the die casting process, produced some gate hinges that are not of adequate strength as required by the appropriate industry standards for aerial work platforms. This Bulletin must be completed on all affected units.

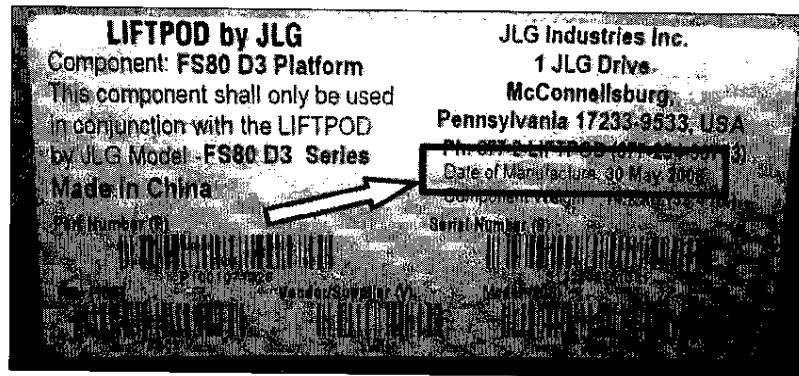
### **Affected Machines:**

All Model FS60 and FS80 LiftPod **Platforms** with a Date of Manufacture before 13 November 2011 are affected by this campaign. Refer to the Required Action section on page 2 of this bulletin to locate the date of manufacture on the platform serial number label to determine if your FS60 and FS80 LiftPod platforms fall within the affected range.

### **Time for Completion:**

All affected units may remain in use up to the next service interval, but no later than sixty (60) days from receipt of this Bulletin. The enclosed Platform Gate Replacement Procedure must be performed prior to this time.

- Determine if your platform is affected by this bulletin by identifying the Date of Manufacture on the platform serial number label.



- Platforms with a Date of Manufacture before 13 November 2011 are affected by this bulletin. Proceed to Step #3 below.
  - If the Date of Manufacture of a platform is on or after 13 November 2011, no further action is required for that platform.
- A LiftPod Gate Kit, #2890225, must be ordered for each affected platform and installed according to the enclosed Platform Gate Replacement Procedure. You will be required to provide the serial number of the affected LiftPod platform.
    - If you are a JLG account holder, you must place your parts order through the normal parts ordering process. When ordering a Kit, refer to the consult factory notice for warranty information.
    - If you are not a JLG account holder, there will be no charge for the LiftPod Gate Kit (#2890225). The gate kit must be ordered through the JLG LiftPod website at the following address:
      - [www.liftpod.com](http://www.liftpod.com)
      - Then click "LiftPod Warranty" from the menus at the top to open the LiftPod Warranty webpage shown below.
      - From the LiftPod Warranty page, click the last link titled "FSB #112E3 Parts Ordering Information."
      - Complete the form, including the affected LiftPod platform serial number, contact information, and shipping information, then click "submit."
      - When the form is successfully submitted, the order will process, and a LiftPod Gate Kit will be sent to the address provided on the form.
  - Promptly notify JLG of the completion of this Bulletin by sending the enclosed Safety Campaign Completion Form to JLG in accordance with the instructions on the form.

**Contacts:**

If you have any question or need further information, please contact the Product Safety and Reliability Department by email ([productsafety@jlg.com](mailto:productsafety@jlg.com)) or telephone (877-554-7233 or 717-485-6591).

**Enclosures:**

*Platform Gate Replacement Procedure  
Campaign Completion Form*



**PROCEDURE:** Platform Gate Replacement Procedure  
**MODELS:** FS60 and FS80 LiftPod Platforms

**Tools and Equipment Required:**

- 4 mm Allen Head Wrench (included with parts kit)
- Appropriate lubricant for new hinge bushings, such as a lightweight oil, petroleum jelly, lightweight grease, etc.

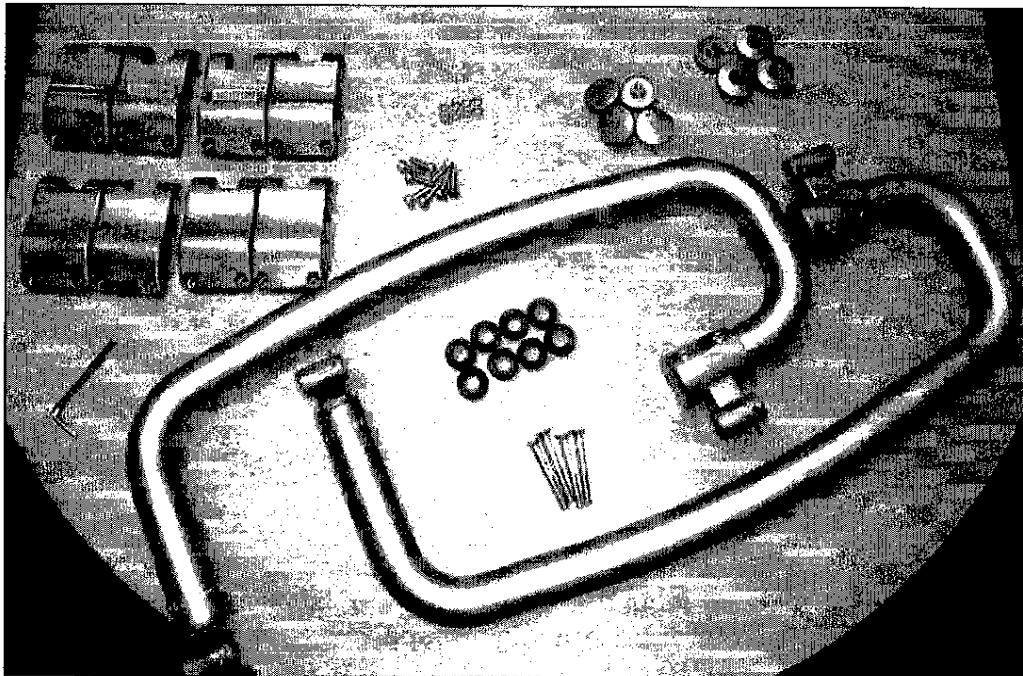
**Personnel Required:**

- Qualified equipment mechanic

**Parts/Material Required:**

LiftPod Gate Kit, #2890225. One kit per affected platform containing the following components:

- |  |  |
|--|--|
| (1) Right Hand Gate                    | (4) Hinge Caps (Threaded)                            |
| (1) Left Hand Gate                     | (4) Hinge Center Bolts                               |
| (2) Hinge Covers (Labeled #1001071287) | (8) Hinge Cover Bolts                                |
| (6) Hinge Covers (Unlabeled)           | (8) Hinge Cover Nuts                                 |
| (8) Black Bushings                     | (1) 4 mm Allen Wrench                                |
| (4) Hinge Caps (Through Hole)          | (1) Pictorial Instruction Sheet #3121416 (not shown) |

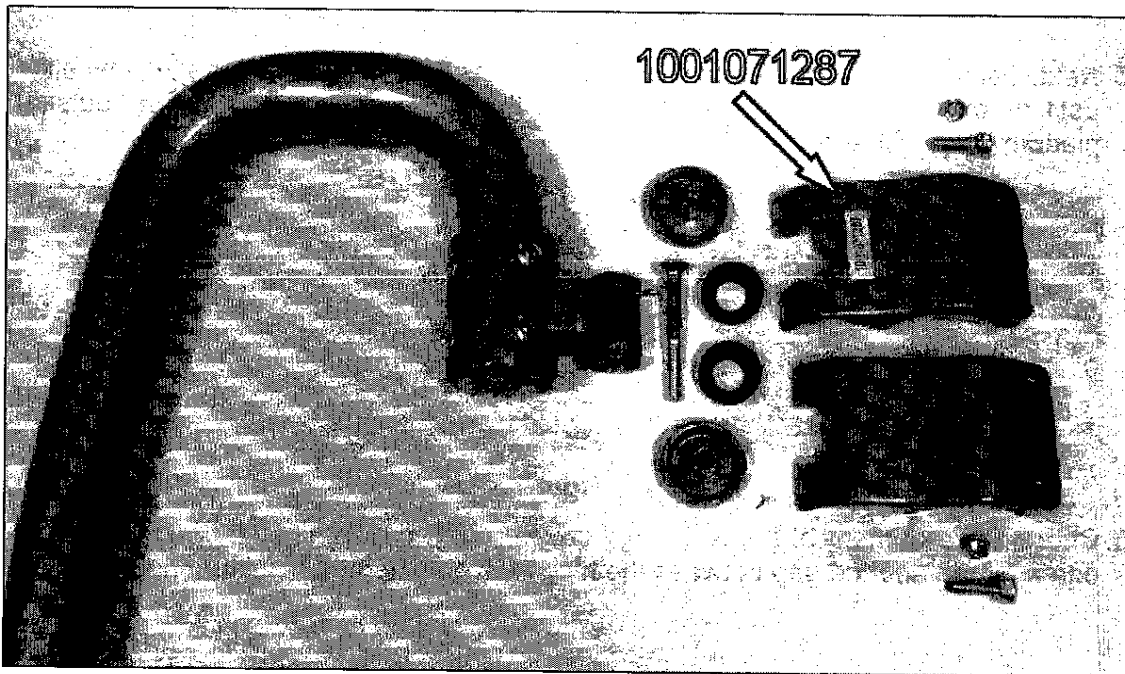


## II. Removal of Original Gates

6. The removal process is the same for the right and left gate assemblies. The top and bottom hinge assemblies of each gate must be removed in order to separate each gate tube from the platform.
7. Remove the bottom hinge assembly first. Locate and remove the two hinge cover bolts and nuts, and the vertical hinge bolt in the center of the hinge assembly – the vertical bolt head will be on the underside of the hinge assembly during removal.
8. Once all three bolts are removed, the front and rear hinge covers and hinge pivot hardware can be pulled apart to separate the gate tube from the platform.
9. Repeat Steps #7 and #8 to remove the top hinge assembly.
10. Repeat Steps #7, #8, and #9 to remove the opposite side gate and hinge assemblies.

## III. Installation of New Gates

11. From the parts kit, locate the right side gate tube, one set of hinge covers, and associated hardware shown in Figure 2. Ensure one of the hinge covers for the top gate hinge is labeled with the part number #1001071287.

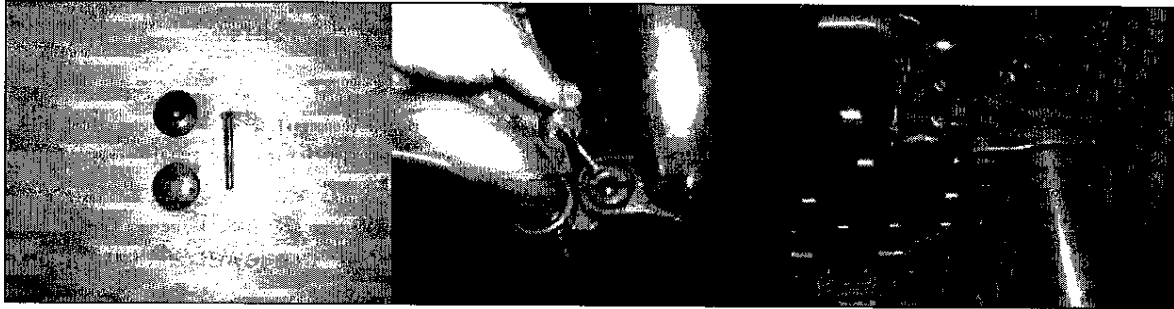


**Figure 2**

12. Add a small amount of lubricant to the inside of the black bushings. A lightweight grease or petroleum jelly works best, as it will help hold the bushings in place on the gate hinge during assembly. A lightweight liquid lubricant can be used as well.

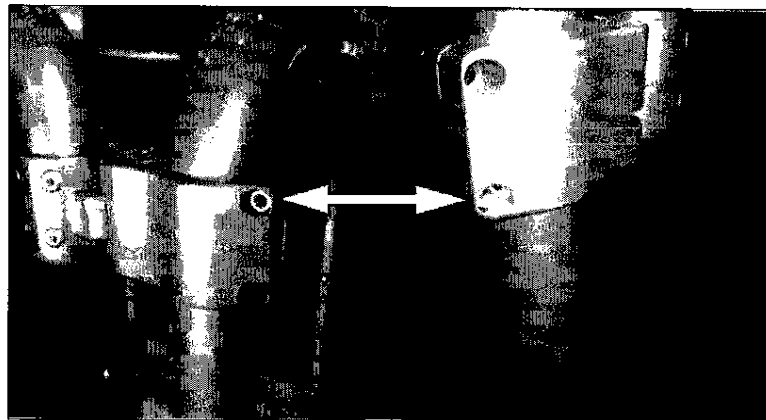
17. Once the hinge covers are fitted properly and alignment is achieved, install the long hinge center bolt with the upper and lower hinge caps. Note that one cap is threaded to receive the long hinge center bolt and the other cap is a through hole. Reference Figure 5.

**NOTE: THE ORIGINAL HINGE CENTER BOLT WAS INSTALLED WITH THE HEAD OF THE BOLT FACING DOWNWARD. THIS BOLT CAN BE INSTALLED WITH THE HEAD OF THE BOLT FACING UPWARD OR DOWNWARD. FOR EASE OF INSTALLATION IN THE FIELD, IT IS RECOMMENDED THE HEAD OF THE BOLT BE FACING UPWARD FOR EACH OF THE FOUR GATE HINGES. REFERENCE FIGURE 5.**



**Figure 5**

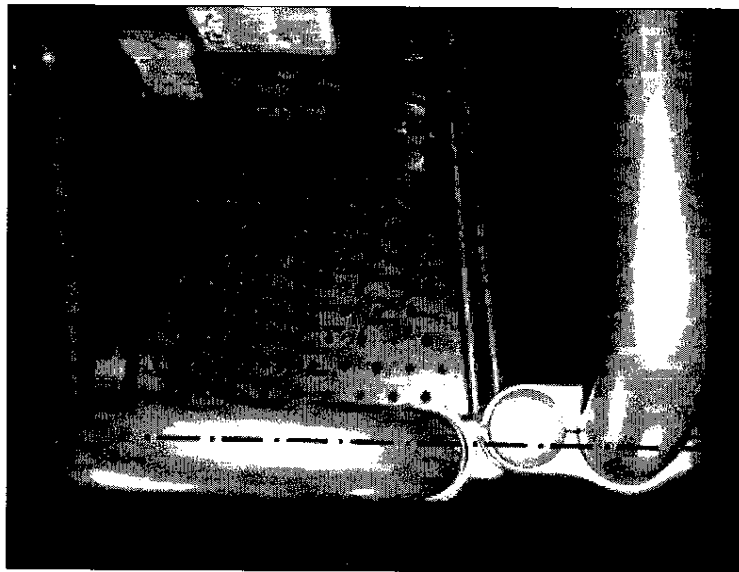
18. Begin to tighten the hinge center bolt until the upper and lower hinge caps securely engage the hinge covers. Do not fully tighten yet.
19. Install the remaining two hinge cover bolts and nuts. Ensure the nuts are properly seated in the hexagonal formation of each hinge cover as shown in Figure 6.



**Figure 6**

20. Securely tighten both hinge cover bolts and finish tightening the vertical center bolt.
21. Once the top hinge assembly is installed and hardware is tightened, and before beginning to install the lower hinge assembly, carefully ensure the gate swings inward. If the gate does not swing inward, disassemble the hinge assembly and ensure the correct (left or right side) gate tube was used and that the #1001071287 hinge cover is used on the upper hinge on the inboard (toward the inside of the platform) side. Also, ensure the gate will self-close. If the gate does not self-close, closes slowly, or only closes partially, ensure lubrication was added to the inside of the black bushings on the lower hinge (Step #12).

28. Install the remaining two hinge cover bolts and nuts. Ensure the nuts are properly seated in the hexagonal formation of each hinge cover.
29. Securely tighten both hinge cover bolts and finish tightening the vertical center bolt.
30. Once the lower hinge assembly is installed and all hardware is tightened, carefully ensure again that the gate swings inward and is self-closing. If the gate does not swing inward, disassemble the lower hinge assembly and verify the installation is correct. Reference Step #21 for troubleshooting the top hinge installation. If the gate does not self-close, closes slowly, or only closes partially, ensure lubrication was added to the inside of the black bushings on the lower hinge.
31. Looking down at the top of the gate, a properly installed hinge assembly will look like Figure 8. Note that the gate rests in a straight line with the hinge clamps.



**Figure 8**

32. Installation of the left side gate is identical to the right side gate. Repeat this procedure, beginning at Step #11 using the left side gate tube.
33. Once both gates are installed and all hardware in each of the four hinges is tight, ensure once again that both gates swing inward and are self-closing.
34. Destroy and discard the original left and right side gate tubes and any associated hardware.
35. Reinstall the platform onto the mast, the accessory tray (if equipped), and prepare the machine for operation.

Should any further discrepancies be discovered during the accomplishment of this procedure, please contact JLG immediately for further evaluation.



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Hagerstown, MD 21742  
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E-Mail Address: ProductSafety@JLG.com

<b>Campaign Completion Form</b>	➤ Complete <u>ALL</u> Sections of this form and mail or fax to the location specified above.
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<b>Machine Information</b>		
Make: _____	Model: _____	Hour Meter Reading: _____
Serial Number or VIN/PIN: _____		

<b>Completion Information</b>	
Bulletin Number: _____	Completion Date: _____

<b>Completed By Contact Information</b>			
Company Name: _____			
Street Address: _____		Address1: _____	
City: _____	State/Province: _____	Zip/Postal Code: _____	Country: _____
Telephone: _____	Facsimile: _____		E-Mail Address: _____
Contact Name: _____	Signature: _____		Date: _____

\* If you would like to update the current ownership information that we have on file for the above referenced unit, please complete and return an Owner Update Form (PSR008).