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RAIL

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## SERVICE BULLETIN

### MAINTENANCE OF WAY EQUIPMENT

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**DATE:** 1-19-2015 **BULLETIN NO:** 15-003

**TITLE:** 6700SJ2 BUGGY BIAS ACTUATOR SYSTEM

**RATING:**

|                                                                     |                                                                          |
|---------------------------------------------------------------------|--------------------------------------------------------------------------|
| <input type="checkbox"/> <b>DIRECTIVE</b><br>(Action Is Required)   | <input checked="" type="checkbox"/> <b>ALERT</b><br>(Potential Problem)  |
| <input type="checkbox"/> <b>INFORMATION</b><br>(Action Is Optional) | <input type="checkbox"/> <b>PRODUCT IMPROVEMENT</b><br>(Enhance Product) |

**PRODUCT SERIES / MODEL:** 6700SJ2 MACHINES WITH SELECTABLE LINE RAIL OPTION AND LASER LINER SYSTEM INSTALLED

| SERIAL NO: | BNSF   | BNSF   | OTHER  |
|------------|--------|--------|--------|
|            | 153114 | 153744 | 153706 |
|            | 153151 | 153745 | 153714 |
|            | 153206 | 153757 | 153734 |
|            | 153211 | 153759 | 153751 |
|            | 153214 |        | 153753 |
|            | 153215 |        | 153766 |
|            | 153274 |        |        |

**SUMMARY:** The bias actuator mounting brackets can restrict the range of motion of the actuator in some instances. In some cases the weight of the buggy cross slide is transferred to the actuator which could cause it to fail. Redesigned bias actuator brackets are available to alleviate this issue.

**OPERATIONAL IMPACT:** Improved reliability of buggy bias actuator system.

**ACTION:** Replace the left bias actuator bracket #5016399 with #5049670.  
Replace the right bias actuator bracket #5016398 with #5049705.

**CONTACT:** If you have any questions or if we can be of any service, please contact:

Gene Russell or Joe Lokovich  
Ludington, MI Facility  
(231) 843-3431



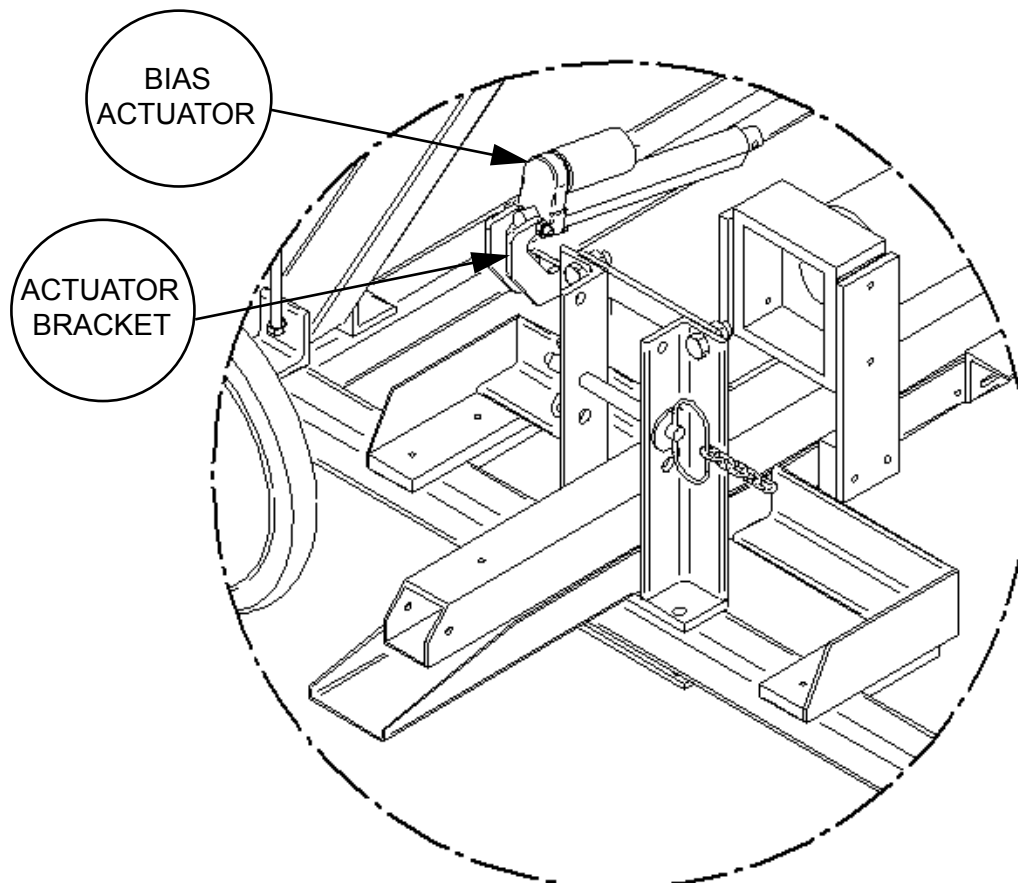
- FOLLOW APPLICABLE RAILROAD LOCKOUT - TAGOUT PROCEDURE TO REMOVE MACHINE FROM ENERGY SOURCE. FAILURE TO COMPLY COULD RESULT IN SEVERE BODILY INJURY.

### SERVICE BULLETIN INSTRUCTIONS:

5016413 OPTION, SEL LINE RAIL, LASER COMP  
5038117 CONVERSION, SEL LINE RAIL, LASER COMP

- Ensure power to the light buggy is turned off.
- Remove the left bias actuator from the left actuator mounting bracket.
- Remove the existing left actuator mounting bracket from the light buggy frame.
- Mount the new left actuator mounting bracket, 5049670, to the light buggy frame using the existing hardware.
- Mount the left bias actuator to the new left bias actuator mounting bracket.
- Remove the right bias actuator from the right bias actuator mounting bracket.
- Mount the new right bias actuator mounting bracket, 5049705, to the light buggy frame using the existing hardware.
- Mount the right bias actuator to the new right bias actuator mounting bracket
- Apply power to the light buggy.
- Both actuators will move to their extended length.
- Installation complete.

**FIGURE 1.0 - BIAS ACTUATOR BRACKET DRAWING**



**SERVICE GROUP PARTS LIST:**

| ITEM | PART NO | DESCRIPTION                | QTY |
|------|---------|----------------------------|-----|
| 1    | 5049670 | BIAS ACTUATOR BRACKET - LH | 1   |
| 2    | 5049705 | BIAS ACTUATOR BRACKET - RH | 1   |

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415 North Main Street  
Fairmont, MN  
56031-1837  
Tel: (507) 235-3361  
Fax: (507) 235-7370

2401 Edmund Road, Box 20  
Cayce-West Columbia, SC  
29171-0020  
Tel: (803) 822-9160  
Fax: (803) 822-7471

200 South Jackson Road  
Ludington, MI  
49431  
Tel: (231) 843-3431  
Fax: (231) 843-1644

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