



An Oshkosh Corporation Company

INFORMATION NOTICE

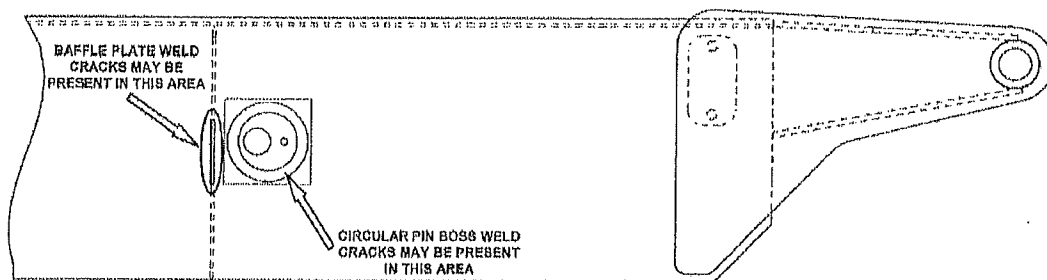
Attention: JLG Product Owner
Subject: Fly Boom Platform Level Cylinder Mounting Area Inspection
Models Affected: JLG Model 600S, 600SJ, 660SJ, 600SC, 600SJC, 660SJC Boom Lifts
Date: March 22, 2013

JLG Product Owner:

This information notice is being issued to certain JLG machine owners to highlight the need to perform the required inspections (daily pre-start, pre-delivery, periodic [performed every three months] and annual inspections), as described in the Operation and Safety Manual and the Service & Maintenance Manual, on 600S Series boom lifts manufactured by JLG Industries, Inc. ("JLG").

Reports from the field have indicated that weld cracks may develop around the platform level cylinder pin boss or the nearby baffle plate weld on the fly boom of 600S/660SJ series machines, including 600SC/660SJC models, if the machines are overloaded or abused over time. If the weld cracks are overlooked during the required inspections, the cracks could potentially propagate resulting in the fly boom platform level cylinder pin boss falling through fatigue.

The fly boom platform level cylinder mounting area inspection must be completed on all 600S Series boom lifts as part of the next pre-start daily walk-around inspection. Extend the boom sufficiently to visually check for damage, cracks, distortion or excessive wear, and ensure hardware is secure and properly installed. Please reference Section 2 of the Operation and Safety Manual for the complete Pre-Start Inspection Procedure. Inspection of this area is currently required as part of the mandatory inspections as outlined in the Operation and Safety Manual.



Should cracks be discovered during the inspection, please refer to the attached repair procedure (3128701) for further instructions.

Please distribute this notice to all technicians, users and operators of JLG 600S Series Boom Lifts.

If you have any questions or need additional information, contact JLG Industries.

Enclosures:

3128701 Instruction Sheet – 600S/660SJ Fly Boom Baffle Plate/Pin Boss Crack Repair

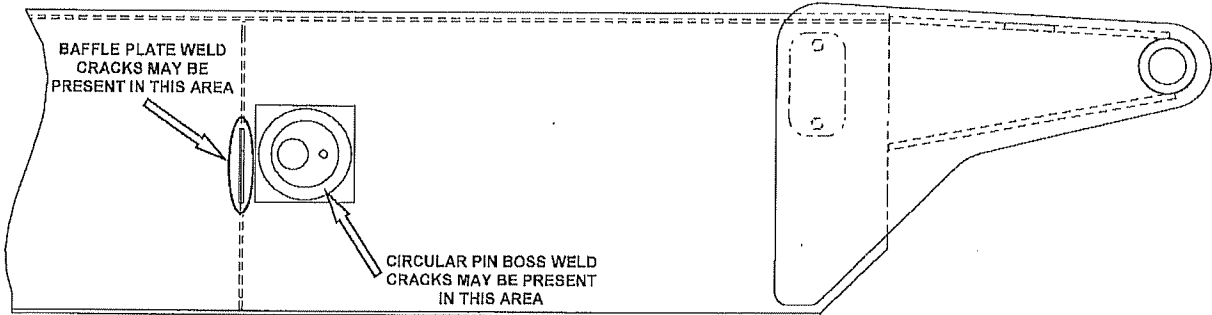


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Instruction Sheet

JLG Model 600S/660SJ Fly Boom Baffle Plate/Pin Boss Crack Repair



⚠ CAUTION

USE ALL APPLICABLE SAFETY PRECAUTIONS WHILE WORKING ON, AROUND OR UNDER MACHINERY.

SPECIAL TOOLS REQUIRED:

- Stands and lifting equipment capable of lifting/supporting the affected components.
- Air carbon-arc equipment
- Hand held power grinder
- Electric welding equipment
- AWS 70 grade, low hydrogen rod or wire
- Standard welder's tools
- Standard mechanics tools
- Paint

PERSONNEL REQUIRED:

- Qualified JLG equipment mechanic
- Certified welder

NOTICE

GENERAL REPAIR GUIDELINES:

This repair procedure provides parts and repair information for a specific discrepancy. It is the

responsibility of the entity performing the repairs to determine if the discrepancy can be corrected by this procedure.

Reference the service and specifications manuals and illustrated parts manual for safe and proper disassembly/assembly procedures.


WELD REPAIR GUIDELINES:

All welding must be in strict accordance with ANSI/AWS D1.1, EN288-3 or EN288-4, or equivalent Australian standards, as required by applicable standards for aerial work platforms.

Disconnect the battery of the machine being repaired prior to welding.

Ground only to the component being welded. Do not ground to any adjacent component or allow pins, wear pads, wire ropes, bearings, gears, seals, valves, electrical wiring, or hoses to be between the grounding position and the area to be welded.

Failure to comply with the above weld repair guidelines may result in component damage.

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NOTICE

The below procedures may be used to correct discrepancies on the left or right side plate of the fly boom weldment.

BAFFLE PLATE WELD CRACK PROCEDURE:

1. Safely support the fly boom section to alleviate pressure or stresses at affected repair area(s). Remove all necessary components from the boom assembly to facilitate repair.
2. Using a hand-held power grinder, grind along the parent metal crack of the fly boom section to form a 45 degree "V" groove, 1/8" deep, 0" root opening on the outside surface of the boom side plate. Ensure that all sharp corners are removed along the crack(s).
3. Prepare the affected area(s) for welding. Using the recommended weld material, weld the discrepancy area(s) using a 1/8" full penetration groove weld technique with AWS 70 grade low hydrogen rod or wire, weld along the crack(s), filling the groove up through termination points(s).

NOTICE

DO NOT GRIND THE REPAIR WELD FLUSH WITH BOOM SIDE PLATE.

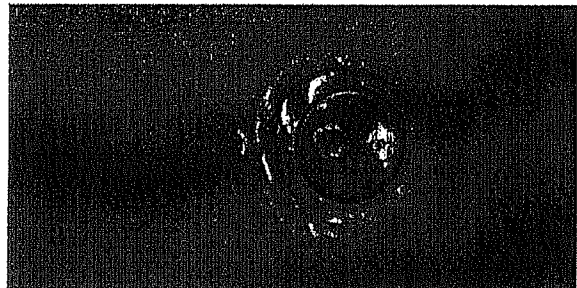


4. Inspect welds using the magnetic particle or dye-penetrant inspection methods to assure there are no cracks or deformities. If any cracks or deformities exist, grind to remove affected area(s) and repeat the weld and inspection procedures.
5. Clean, prime and paint all affected areas.
6. Re-install all components removed to facilitate repair.

7. Operate the boom telescope function through a minimum of five (5) complete cycles to verify proper operation prior to returning the subject boom lift to service.
8. All discrepancies must properly corrected before returning the machine to service.

PIN BOSS (PLATFORM LEVEL CYLINDER PIN MOUNTING) WELD CRACK PROCEDURE:

1. Safely support the fly boom section to alleviate pressure or stress at affected repair area(s). Remove all necessary components from the boom assembly to facilitate repair.
2. For weld cracks around the pin boss area, use air carbon-arc equipment or a portable power grinder to remove area(s) of weld discrepancy. Remove weld 1" beyond end(s) of weld discrepancy, tapering to a depth of 0".



3. Prepare the affected areas for welding. Using the recommended weld material, weld the discrepancy area(s) using a 1/4" fillet weld technique with AWS 70 grade low hydrogen rod or wire.
4. Inspect welds using the magnetic particle or dye-penetrant inspection methods to assure there are no cracks or deformities. If any cracks or deformities exist, grind to remove attached area(s) and repeat the weld and inspection procedures.
5. Clean, prime and paint all affected areas.
6. Reinstall all components removed to facilitate repair.
7. Operate the boom telescope function through a minimum of five (5) complete cycles to verify proper operation prior to returning the subject boom lift to service.
8. All discrepancies must be properly corrected before returning the machine to service.