

# 840 BALE PROCESSOR



## OPERATORS MANUAL 840 BALE PROCESSOR

OME76359 J5 English

**JOHN DEERE OTTUMWA WORKS**  
**OME76359 J5**

LITHO IN THE U.S.A.  
ENGLISH



# Introduction

**⚠** This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

Record the identification number(s) in the space provided following Specifications. Accurately record all of the characters because (should the product be stolen) tracing is sometimes through a computer match of letters and numbers. Also, your dealer needs this information when ordering parts. If you carry your operator's manual on the machine for reference, be sure to also record the identification number(s) on a separate sheet of paper and file it in a secure place not on the machine so you will still have a record in case the machine is stolen.

"Right-hand" and "left-hand" sides are determined by facing in the direction the processor will travel when in use.

Your warranty appears on your copy of the purchase order which you should have received from your dealer.

Measurements are shown with their respective Metric equivalents throughout this operator's manual. These equivalents are the SI (International System) Units of Measure.

**⚠** Some pictures in this manual show the machine with safety shields removed for a better view of the subject pictured. The machine should **NEVER** be operated with any of the safety shields removed.



*John Deere 840 Bale Processor*

# Checklists

## 840 BALE PROCESSOR

### PREDELIVERY CHECKLIST

After the processor has been completely set up, inspect it thoroughly to be sure it is ready to operate properly before delivering it to the customer. The following checklist is a reminder of points to inspect. Check off each item as it is found satisfactory or after proper adjustment is made.

- Processor has been assembled properly.
- Bolts, nuts, bearing collars and set screws are tight.
- Wheel hubs bolts are properly tightened and tires are inflated to recommended pressure.
- Lubricate all lubrication points; be sure all fittings are taking grease and check all lubrication seals for leakage.
- Gear case is lubricated and vented properly.
- Slip clutch is properly adjusted and will slip.
- Tub drive chain is properly tensioned and cog driver is properly positioned with tub drive cogs.
- Connect processor securely to tractor drawbar and check hydraulic system for leaks and proper operation of the hydraulic components.
- Be sure tub tilts smoothly. When tub is tilted, be sure tub tilt lockout valve functions properly and brake is engaged to prevent rotor rotation. If rotor can be rotated, adjust brake springs or linkage.
- Hydraulic motor and tub speed control valve functions properly. Tub rotates without any binding.
- Connect PTO and check operation of PTO, gear case and rotor. Watch for any signs of faulty operation, vibration or unusual sounds. After a period of operation, disengage PTO and shut off tractor engine. Check for loose bolts, heated bearings and gear case.
- Clean the processor and touch up any places where the paint is nicked or scratched. Be sure all decals are properly affixed and undamaged.
- Tire pressure has been checked.
- Safety chain is attached.

\_\_\_\_\_  
(Date Set Up)

\_\_\_\_\_  
(Signature of Set-Up Technician)

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### OWNER REGISTER

Name \_\_\_\_\_  
County \_\_\_\_\_ City \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_  
Serial Number \_\_\_\_\_  
Model Number \_\_\_\_\_  
Date Sold \_\_\_\_\_

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### DELIVERY CHECKLIST

The following checklist is a reminder of very important information which should be conveyed directly to the customer at the time the processor is delivered. Check off each item as it is fully explained.

- Advise customer the tractor 3-point lift arms must be completely raised during operation of the machine. If the arms are in lowered position they will contact tongue or PTO shaft and do considerable damage.
- Advise the customer that the life expectancy of this, like any other machine is dependent on regular lubrication as described in this manual.
- Explain the importance of safe and proper operation of the machine. Point out decals warning the operator of the dangers of unsafe operating procedures and conditions.
- When the processor is transported on a road or highway at night or during the day, accessory lights and devices should be used for adequate warning to operators of other vehicles. The tub should be rotated so the slow moving vehicle emblem is visible from behind. Various safety lights and safety devices are available from your John Deere dealer. In this regard, tell customers to check local governmental regulations.
- Complete Delivery and Warranty Registration forms, listing serial number of machine.
- Explain Warranty. Have dealer and customer sign form.
- Show customer how to hook up machine and operation of controls.
- For the safety of those around the machine, explain the proper adjustment of the brake when tilting the tub.
- Explain the adjustments for operation.
- Advise to use safety chain.
- Give the operator's manual to the customer and explain all operating adjustments and lubrication fully.

\_\_\_\_\_  
(Date Delivered)

\_\_\_\_\_  
(Signature)

Checklists

**AFTER-SALE CHECKLIST**

It is suggested the following items be checked some-time during the first season's operation.

- Go over entire machine for loose or missing bolts.
- All chains are properly tightened.
- All safety shields are in place.

- Check for damaged or broken parts.
- If possible, run the processor to see if it is functioning properly.
- Review the entire operator's manual with the customer and stress the importance of proper and regular lubrication and safety precautions.

\_\_\_\_\_  
(Date Checked)

\_\_\_\_\_  
(Signature)

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**BEFORE EACH SEASON CHECKLIST**

- Be sure recommended lubrication has been performed. Be sure gear case lubricant is not contaminated. If in doubt, drain and refill with new lubricant.
- Check tension of tub drive chain.
- Check tension of slip clutch springs.
- With the processor operating in a stationary position, observe the operation of moving parts. Watch for any signs of faulty operation or overheated bearings, and listen for any unusual sounds.

- Inspect all bearings to be sure they are tight and not badly worn.
- Check hydraulic system for proper operation and leakage.
- Check tire pressure and wheel bolts.
- Be sure the proper operating adjustments have been made for your crop.

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*Checklists*

**EACH MORNING OF OPERATION  
CHECKLIST**

Lubricate items required daily and those whose lubrication time is due.

Check chain tension for excessive tightness or looseness.

Look for loose or missing bolts or parts.

Check hydraulic system for leakage.

Check tire pressure.

Check tractor hookup for security, proper connections and correctly operating controls.

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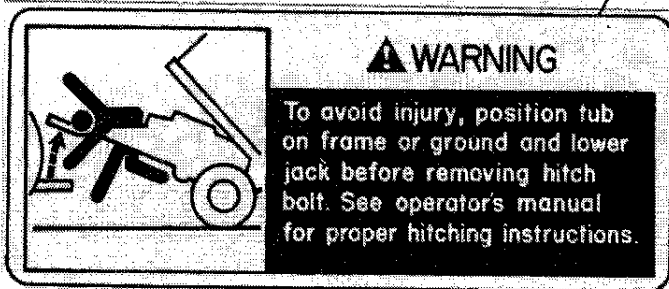
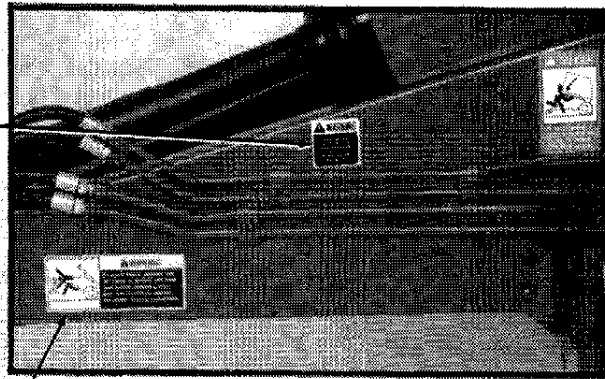
# Safety Signs

## READ SAFETY SIGNS CAREFULLY

Carefully read and follow all CAUTION and WARNING safety signs.

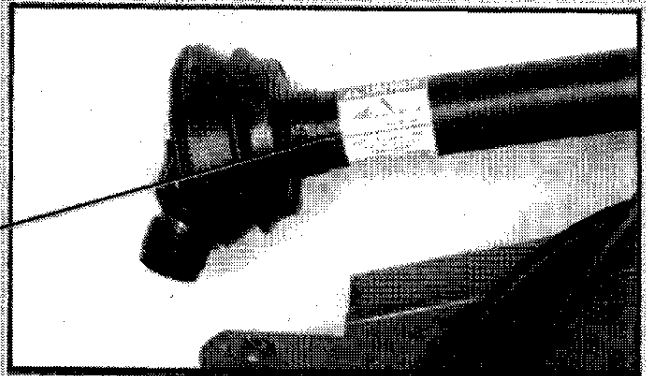
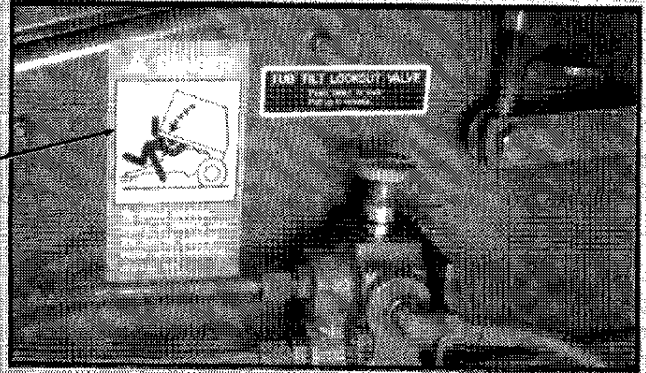
Keep safety signs in good condition. Replace missing or damaged safety signs.

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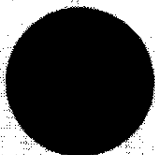
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**▲ WARNING**

To avoid rear end collision when transporting, line up dots on tub and frame to position SMV reflector rearward.



**▲ CAUTION**

1. Keep all shields in place.
2. Disengage and shut off all engine and/or motor power before servicing or unclagging machine.
3. Keep hands, feet, and clothing away from power-driven parts.



**▲ DANGER**

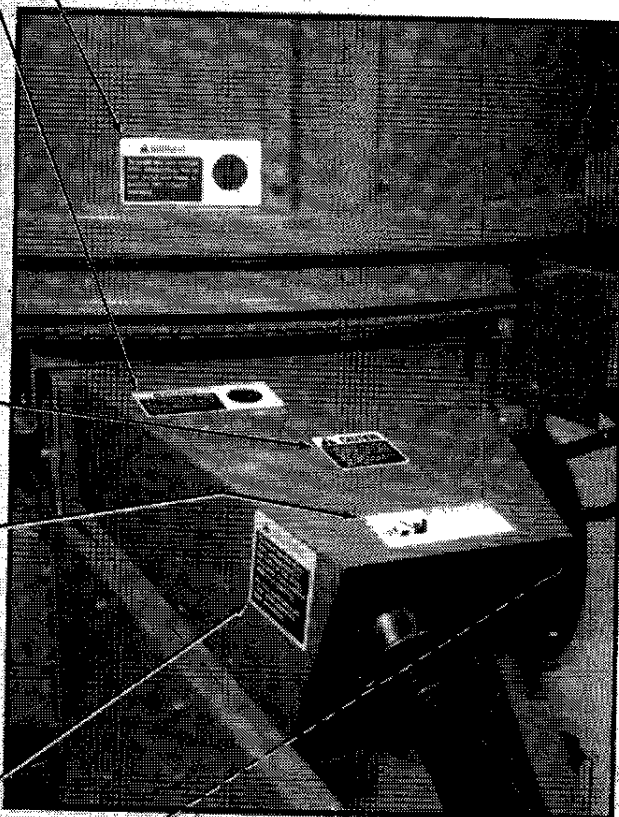
Entanglement in rotating driveline can cause serious injury or death.

Keep all shields in place. Avoid contact with rotating parts.

**▲ WARNING**

To avoid serious injury from entanglement in the rotor or tub drive, stay away from machine when it is operating.

Be sure bystanders are clear when operating bale processor.



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