

148

Farm Loader

John Deere Welland Works
OMW37997 Issue E9
(This manual replaces OMW37997-I8)

LITHO IN U.S.A.
ENGLISH

Introduction

READ THIS MANUAL carefully to learn how to operate and service your machine correctly. Failure to do so could result in personal injury or equipment damage.

THIS MANUAL SHOULD BE CONSIDERED a permanent part of your machine and should remain with the machine when you sell it.

MEASUREMENTS in this manual are U.S. customary units and their metric equivalents.

RIGHT-HAND AND LEFT-HAND sides of the implement are determined by facing in the direction the implement will travel when going forward.

WARRANTY is on the warranty certificate which you should have received from your dealer.

WRITE PRODUCT IDENTIFICATION NUMBERS in the Specifications section. Accurately record all the numbers to help in tracing the machine should it be stolen. Your dealer also needs these numbers when you order parts. If this manual is kept on the machine, also file the identification numbers in a secure place off the machine.



W13002
-UN-13MAR89

Checklists

DELIVERY

The following list is a reminder of important information that should be explained to the customer.

- Safe operation and service.
- Loader controls and operation.
- Lubrication.
- Give the customer the operator's manual. Encourage the customer to read it.

Signature: _____

Date: _____

W01,5PD,B -19-24NOV86

AFTER-SALE

The following items should be checked sometime during the first six months of loader operation. Check off each item as found satisfactory or correction is made.

- Check for loose or missing hardware. Mounting frame hardware is tightened to correct torque.
- Check for broken or missing parts. Repair as necessary.
- Hydraulic hoses and connections do not leak.
- Transmission/hydraulic oil level is correct.
- If possible, operate the loader. Loader should respond correctly to controls.
- All decals are fastened and legible.

Signature: _____

Date: _____

W01,5PD,C -19-24NOV86

Checklists

OWNER REGISTER

Name _____ Model _____

Address _____ Serial Number _____

City _____ Date Sold _____

State/Prov _____ Mail Code _____

W01,12PD,C -19-22NOV86

Contents

	Page		Page
Safety	05-1	Relieving Hydraulic Pressure SCV	25-2
Preparing The Tractor		Connecting Hoses SCV	25-2
Approved Tractors	10-1	Relieving Hydraulic Pressure ICV	25-3
Using Roll-Over Protective Structure	10-1	Connecting Hoses ICV	25-3
Approved Front Tires	10-2	Secure Loader	25-3
Inflating Front Tires	10-3	Check Loader Operation	25-5
Checking Front Wheel Hardware	10-3	Transporting	30-1
Removing Front Weights	10-3	Operating The Loader	
Selecting Front Tread	10-3	Preoperating Checks	35-1
Selecting Rear Tread	10-4	Understanding Round Bale Handling	
Adding Rear Ballast	10-4	Hazards	35-2
Operating with SCV	10-5	Avoiding Tractor Roll-Over When	
Setting Hydraulic Speed	10-5	Handling Round Bales	35-2
Installing SCV Lockouts	10-6	Carrying Round Bales	35-3
Operating with ICV	10-6	Lift Capacity of Loader With Bale Fork	35-3
Using Lever Lock Clip	10-7	Lift Capacity of Loader With Grapple	35-4
Controls		Removing Material From A Pile	35-4
Using Float	15-1	Carrying Material	35-5
Using SCV Lockout	15-1	Loading Operations	35-5
Operating Loader With SCV	15-2	Backfilling	35-6
Operating Loader With ICV	15-2	Digging	35-6
Using Regenerative Dump Position ICV	15-3	Leveling and Scraping Forward	35-6
Using Control Lever Lock	15-3	Leveling in Reverse	35-7
Relieving Hydraulic Pressure		Attachments	
Loader Attached	15-4	Installing Attachments	40-1
Loader Not Attached	15-4	Materials Buckets	40-1
Detaching The Loader		Installing Side Cutting Edges	40-1
Detaching The Loader	20-1	Attaching Bucket Tines	40-2
Relieving Hydraulic Pressure SCV	20-3	Installing Extensions For Materials	
Disconnecting Hoses SCV	20-3	Buckets	40-2
Relieving Hydraulic Pressure ICV	20-4	Installing Bucket Level Indicator	40-3
Disconnecting Hoses ICV	20-5	Forklift	40-4
Backing Away From Loader	20-5	Round Bale Grapple	40-4
Adjusting Parking Stand	20-6	Silage Grapple	40-4
Attaching The Loader		Round Bale Fork	40-5
Attaching The Loader	25-1	Parking Stand	40-5

Continued on next page

All information, illustrations and specifications in this manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.

OMW37997 E9-19-03JAN90

COPYRIGHT© 1989
DEERE & COMPANY
Moline, Illinois
All rights reserved
A John Deere ILLUSTRATION™ Manual
Previous Editions
Copyright1988,1986,1979,1978,1973 Deere & Company

Contents

	Page
Installing Lift Link	40-6
Installing Stand	40-7
Attaching Mounting Guides	40-8
 Lubrication And Maintenance	
Selecting Grease	45-2
Alternative Lubricants	45-2
Lubricating Loader	45-3
Checking Transmission/Hydraulic Oil Level	45-3
Tightening Loader Mast Hardware	45-4
Tightening Mounting Frame Hardware	45-4
Tightening Side Frame Hardware	45-6
 Troubleshooting	50-1
 Service	
Checking Bolt Torque	55-2
Tightening Hydraulic Fittings	55-4
Torque Procedure	55-5
Tightening O-Ring Fittings	55-6
Tightening Flare Type Tube Fittings	55-7
Tightening Flare Type Hose Fittings	55-8
Tightening Pipe Thread Fittings	55-8
Changing Control Lever Position	55-9
Identifying Hose Connections	
Loader With Grapple	55-9
Loader Without Grapple	55-10
Tractor With Spool-Type SCV	55-11
Tractor With ICV	55-12
Servicing Tractor Air Intake Filter	55-13
 Storage	60-1
 Crime Prevention	65-1
 Specifications	70-1
 Index	

Safety

RECOGNIZE SAFETY INFORMATION

This is the safety-alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating practices.



O53,ALERT -19-16JUN87

T81389 -UN-07DEC68

UNDERSTAND SIGNAL WORDS

A signal word—DANGER, WARNING, or CAUTION—is used with the safety-alert symbol. DANGER identifies the most serious hazards.

Safety signs with signal word DANGER or WARNING are typically near specific hazards.

General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.



O53,SIGNAL -19-07OCT85

-19-30SEP88

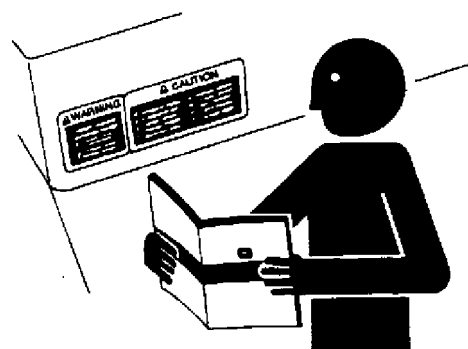
TS187

FOLLOW SAFETY INSTRUCTIONS

Carefully read all safety messages in this manual and on your machine safety signs. Keep safety signs in good condition. Replace missing or damaged safety signs.

Learn how to operate the machine and how to use controls properly. Do not let anyone operate without instruction.

Keep your machine in proper working condition. Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.



O53,READ -19-23APR87

-UN-23AUG88

TS201



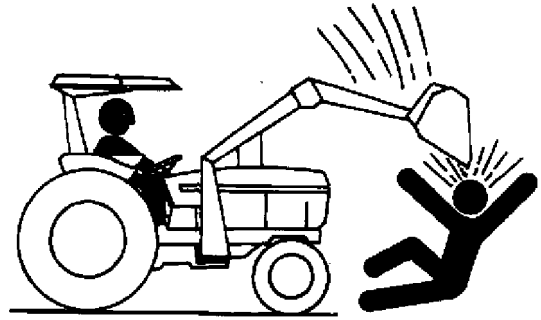
PROTECT PEOPLE AND ANIMALS

Never allow anyone to walk or work under a raised loader.

Be sure that people, livestock, or pets are not standing near the machine while operating.

Do not use the loader for a work platform.

Do not lift or carry anyone on loader or in bucket or attachment.



W14235 -UN-05OCT88

WX158.OM.A -19-28MAR89

OPERATE CONTROLS SAFELY

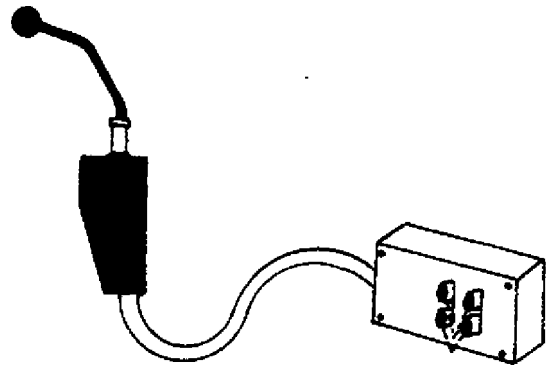
Become familiar with controls.

Be sure anyone operating the loader is aware of safe operation and potential hazards.

Operate loader from operator's seat only. Remain at controls until operating cycle is complete.

Stop loader gradually when lowering or lifting loads.

To help prevent loss of control, do not use "FLOAT" position to lower loader.



W11377 -UN-06OCT88

WX158.OM.B -19-21MAR89



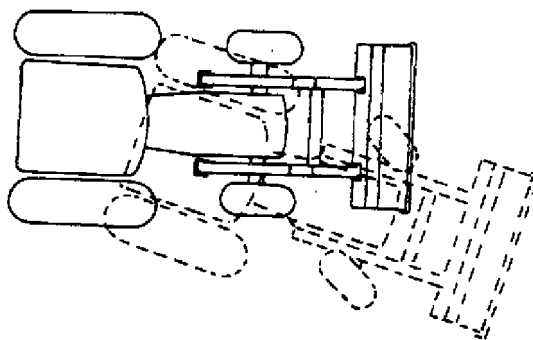
OPERATE LOADER SAFELY

Improper use of loader can cause serious injury or death.

Use particular care when working on inclines and hillsides.

Avoid holes, ditches, and obstructions which may cause tractor/loader to tip.

Allow for additional length of loader on tractor while turning.



W11378 -UN-06OCT88

WX158,OM,C -19-21MAR89

CARRY MATERIALS SAFELY

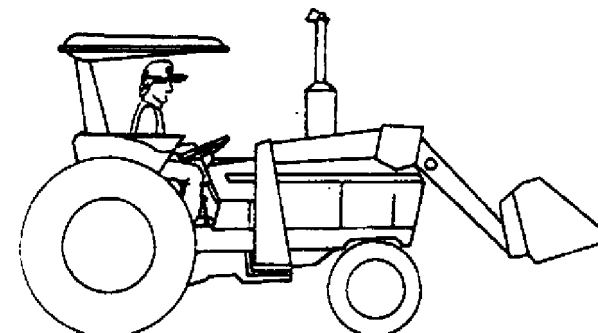
Do not exceed lift capacity of loader.

Carry load low at all times.

Avoid handling loose or shiftable loads.

Reduce tractor ground speed when traveling over rough ground or when making turns.

Drive slowly through gates and doors.

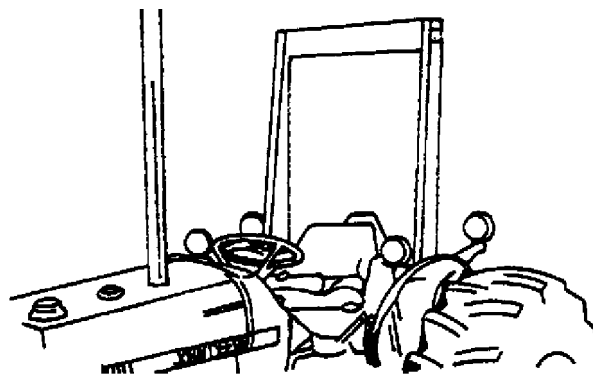


W11380 -UN-06OCT88

WX158,OM,D -19-21MAR89

USE ROLL-OVER PROTECTIVE STRUCTURE (ROPS)

To help prevent personal injury or death caused by tractor roll-over, be sure tractor is equipped with roll-over protective structure (ROPS) and use approved seat belt. In addition, add rear ballast recommended.



W11507 -UN-06OCT88

WX158,OM,E -19-21MAR89

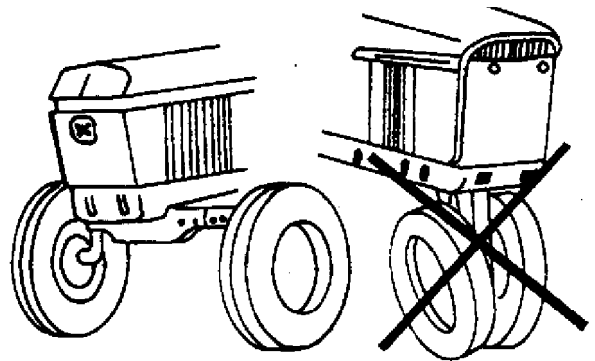


HELP PREVENT ROLL-OVERS

Do not use tractor with Roll-O-Matic front end, single, or double front wheels.

Use recommended rear ballast for stability.

Use widest rear wheel tread setting to maximize stability.



WX158,OM,F -19-21MAR89

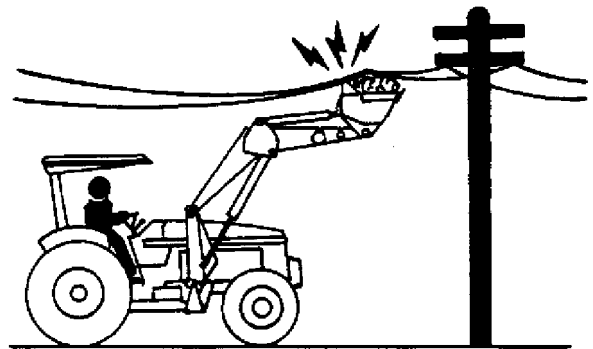
W11379 -UN-06OCT88

AVOID POWER LINES

Serious injury or death can result from contact with electric lines. Use care to avoid contact with electric lines when moving or operating the loader.

Beware of lift clearance when raising loader to maximum height.

Do not dismount from tractor if any component is in contact with lines.



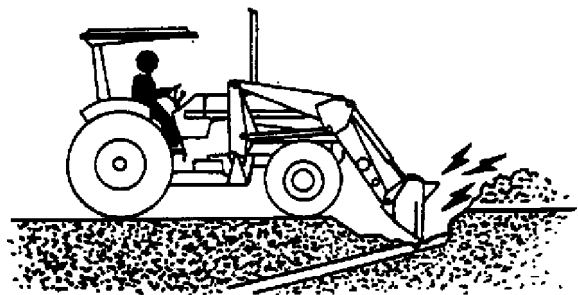
WX158,OM,G -19-24APR89

W14321 -UN-02FEB89

DIG SAFELY

Before digging, check location of cables, gas lines and water lines.

Do not dismount from tractor if any component is in contact with electrical lines.



WX,80,SY,J -19-03MAY89

W14322 -UN-02FEB89



DETACH LOADER SAFELY

The loader must be equipped with the parking stand attachment.

Adjust the stand properly. See Backing Away From The Loader in Detaching the Loader section.

Detach the loader on a hard level surface.

Before disconnecting hydraulic hoses, relieve all hydraulic pressure.

Lock the stand in position after detaching the loader.



W13050 -UN-06OCT88

WX148,OM.A -19-24APR89



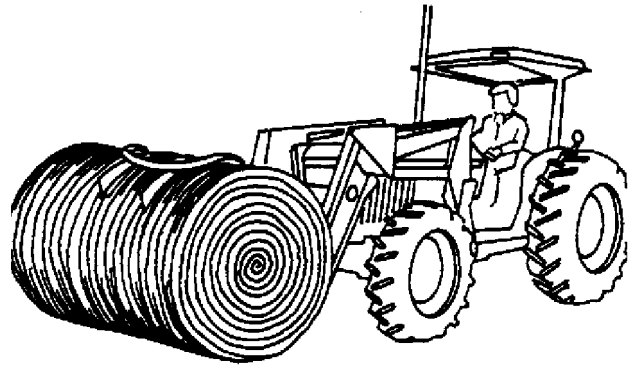
HANDLE ROUND BALES SAFELY

To help prevent personal injury, do not handle round bales without approved John Deere Round Bale Handling attachments.

Improper use of loaders to handle round bales can result in serious injury or death to the tractor/loader operator. This could be caused by the bale rolling back down the loader into the operator's station.

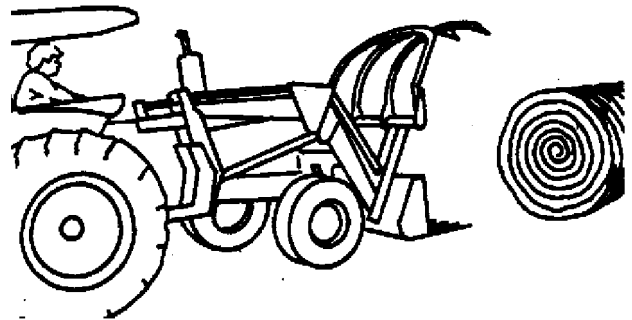
To attain optimum stability and visibility:

- do not handle bales that exceed the bale weight limitations of the loader
- carry the bale slowly and as low as possible to the ground
- operate the loader controls smoothly, avoiding jerky operation
- when handling round bales on a slope, always approach the bale with the tractor facing uphill
- never use the tractor/loader to stop a rolling bale



-UN-06OCT88

W7718



-UN-06OCT88

W7792

WX158,OM,I -19-21MAR89



HANDLING ROUND BALES WITH BALE FORK

Handling round bales can be hazardous, always use proper equipment. Follow the instructions in the OPERATING THE LOADER section of this manual. Also, read the decals attached to both the loader and the round bale fork.

DO NOT handle round bales with a loader unless the specially designed John Deere round bale fork is installed. Without the fork, the bale can fall on the operator when the loader is raised.

To help prevent handling and stability problems:

—DO NOT exceed the following round bale weight limitations:

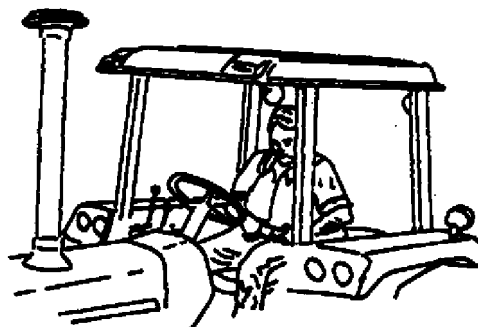
JD 100	450 kg (1000 lb)
JD 146/3 cyl tractor	
JD 175	

JD 146/4 cyl tractor	680 kg (1500 lb)
JD 245	

JD 148	900 kg (2000 lb)
JD 158	
JD 260	
JD 265	
JD 280	

—Equip the tractor with a roll-over protective structure (ROPS).

—Adjust rear tread width and add specified rear ballast per wheel. See Selecting Rear Tread and Adding Rear Ballast in Preparing the Tractor section.



W13130 -UN-05OCT88

W12361 -UN-05OCT88

WX158_OM,J -19-21MAR89



HANDLING ROUND BALES WITH GRAPPLE

Handling round bales can be hazardous, always use proper equipment. Follow the instructions in the OPERATING THE GRAPPLE section of this manual.

DO NOT handle round bales with a loader unless a specially designed John Deere Round Bale/Silage Grapple is installed. Without a grapple, the bale can fall on the operator when the loader is raised.

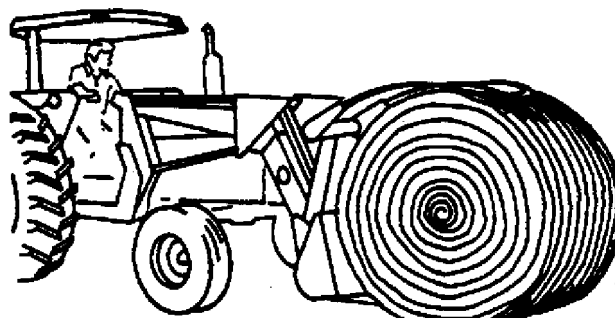
To help prevent handling and stability problems:

—DO NOT exceed the following round bale weight limitations:

JD 146	450 kg (1000 lb)
JD 148	900 kg (2000 lb)
JD 158	

—Equip the tractor with a roll-over protective structure (ROPS).

—Adjust rear tread width and add specified rear ballast per wheel. See Selecting Rear Tread and Adding Rear Ballast in Preparing the Tractor section in your loader operator's manual.



W13130 -JUN-05OCT88

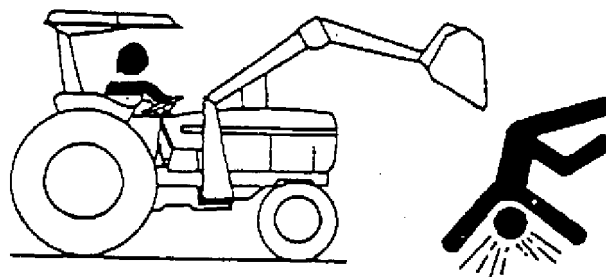
W7793 -JUN-06OCT88

WX158,OM,K -19-21MAR89

KEEP RIDERS OFF MACHINE

Only allow the operator on the machine. Keep riders off.

Riders on machine are subject to injury such as being struck by foreign objects and being thrown off of the machine. Riders also obstruct the operator's view resulting in the machine being operated in an unsafe manner.



W14766 -JUN-19JAN89

WX,80,SY,B -19-03MAY89

Buy Now



Our support email:

ebooklibonline@outlook.com