

# 245 FARM LOADER



JOHN DEERE

## OPERATORS MANUAL

### 245 FARM LOADER

OMW28503 A1 English

**OMW28503 A1**

LITHO IN THE U.S.A.  
ENGLISH





# Introduction

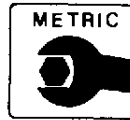


**This safety alert symbol identifies important safety messages in this manual. When you see this symbol be alert to the possibility of personal injury and carefully read the message that follows.**

“Right-hand” and “left-hand” sides of the loader are determined by facing in the direction of tractor forward travel.

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

Record your loader serial number in the space provided on page 114. Your dealer needs this information to give you prompt efficient service.



These loaders are of metric design.

For your convenience, most specifications are given in metric measurement with the customary U.S. measurement following.

Some specifications cannot be converted. These appear in metric only.

Most hardware is metric. Specified metric hardware must be used for replacement.



**CAUTION: Use only metric tools on metric hardware. Other tools may not fit properly. They may slip and cause injury.**





# Contents

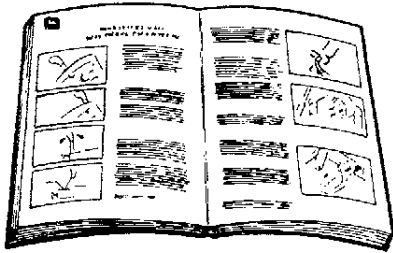
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Safety . . . . .	2
Preparing the Tractor . . . . .	8
Attaching and Detaching . . . . .	15
Controls . . . . .	30
Transporting . . . . .	34
Operating the Loader . . . . .	36
Lubrication . . . . .	44
Trouble Shooting . . . . .	48
Service . . . . .	50
Storage . . . . .	54
Attachments . . . . .	56
Assembly . . . . .	77
Specifications . . . . .	116
Serial Number . . . . .	118
Index . . . . .	119



# Safety

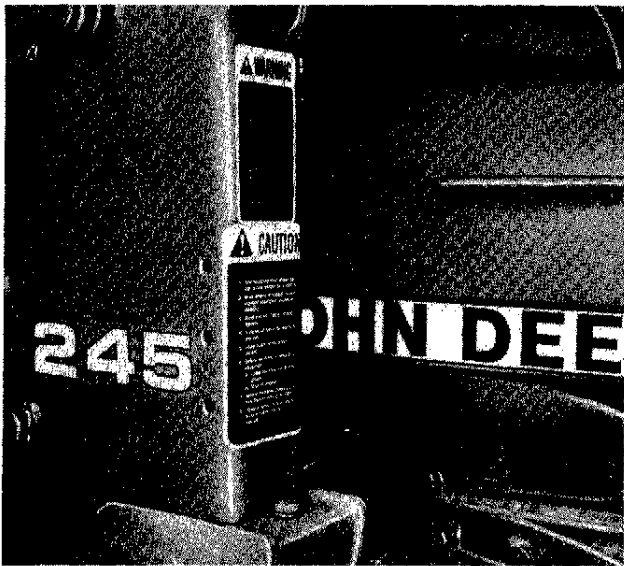
## BEFORE OPERATING



W7596

W7596

Read this manual carefully, regardless of your previous experience. It will save you time and labor.



W7716

Read all decals on the loader and in this manual.

Become familiar with all controls.

Check hardware.

Check condition of hydraulic hoses and connections.

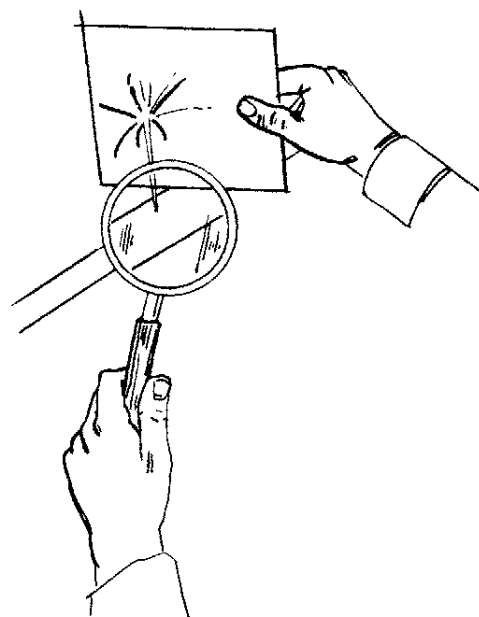
Remove foreign objects from loader.

Be sure no one is near loader.

Be sure all tractor PTO shields are installed.

Escaping hydraulic oil under pressure can have sufficient force to penetrate the skin, causing serious injury. Before disconnecting lines, be sure to relieve pressure. Before applying pressure, be sure connections are tight and lines, pipes and hoses are not damaged. Use a piece of cardboard or wood, rather than hands, to search for leaks.

If injured by escaping oil, see a doctor at once. Serious infection or reaction can develop if proper medical treatment is not administered immediately.



H35336

H35336

## OPERATING

Improper use of loader can cause serious injury or death.

Be sure to follow all the safety precautions outlined in your tractor operator's manual.

Use the recommended rear wheel ballast.

Keep PTO clutch lever disengaged.

Be sure no one is near tractor and loader.

Do not allow riders on tractor or loader.

Operate loader from operator's seat only.

Carry load low at all times.

Turn tractor at slow speeds.

Reduce tractor ground speed when traveling over rough terrain.

Avoid traveling over loose fill, rocks and holes.

Do not overload loader.

Avoid working on inclines.

Drive slowly through gates and doors.

Avoid handling loose or shiftable loads.

Never use loader as a battering ram.

Remain at controls until operating cycle is complete.

Lower bucket or attachment to ground when loader is unattended.

*Continued on next page*

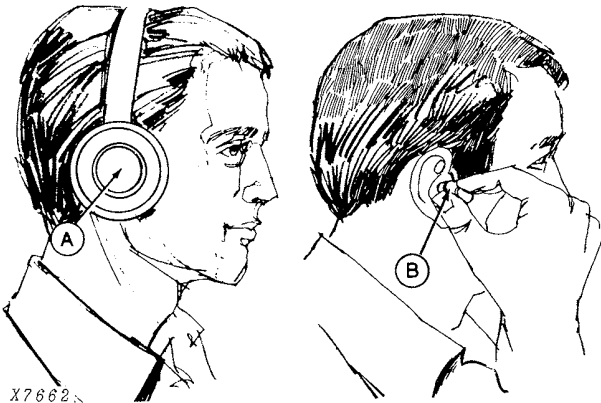
Never stand under a raised loader bucket or attachment.

Beware of low wires when bucket is raised.

### Protect Against Noise

Prolonged exposure to loud noise can cause impairment or loss of hearing.

Wear a suitable hearing protective device such as earmuffs (A) or earplugs (B) to protect against objectionable or uncomfortable loud noises.

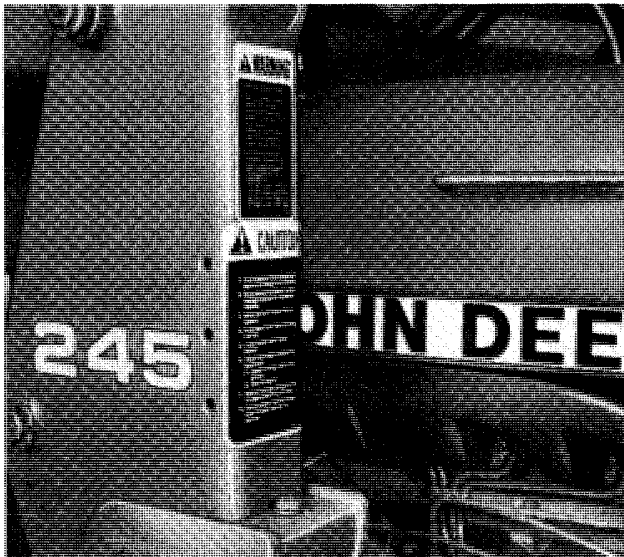


X7662

X7662

A—Earmuffs  
B—Earplugs

## HANDLING ROUND BALES



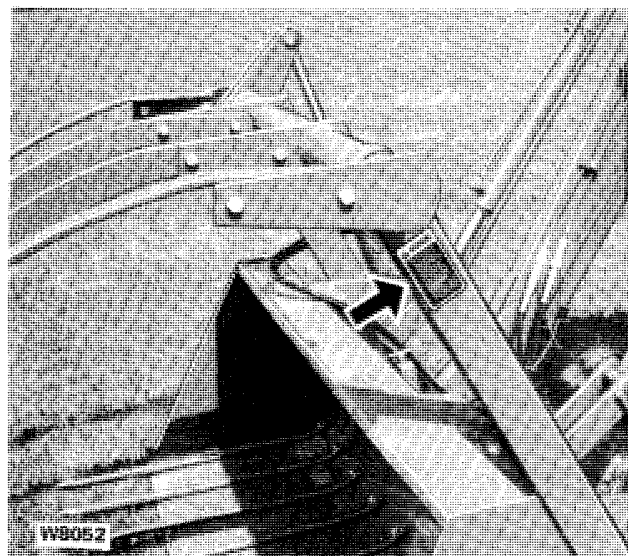
W7716

Improper use of front-end loaders to handle round bales can result in injury to the tractor operator from:

- the bale rolling back down the loader boom into the operator's station or -
- a tractor roll-over accident caused by instability when the bale is not carried low.

**CAUTION:** To prevent bodily injury, exercise extreme caution when using a front-end loader to handle round bales.

Even when using proper equipment, handling round bales can be hazardous. Follow the instructions shown in this manual and on the decals attached to the loader and round bale clamp.



W8052

Do not handle round bales with the loader unless the specially designed John Deere round bale grapple is installed. Without the grapple the bale can fall on the operator when the loader is raised.

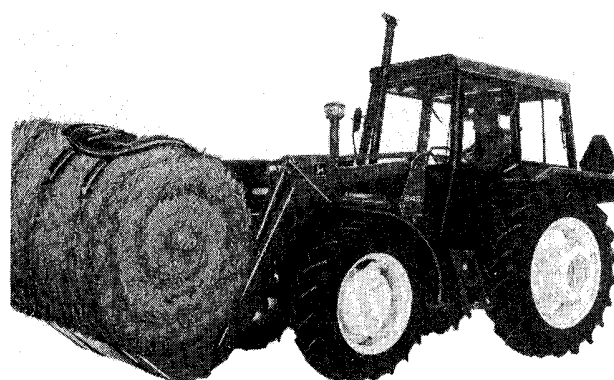
To avoid handling and stability problems, do not exceed a round bale weight of 408 kg (900 pounds).

The tractor must be equipped with a roll-over protective structure to prevent operator injury in case of a tractor roll-over accident.

The tractor must have maximum rear ballast per wheel and maximum tread width. See "Rear Tread" and "Rear Ballast" on page 11.

Reduce tractor ground speed. Carry the bale as low as possible and maintain adequate visibility and ground clearance at all times.

Jerky operation causes tractor-loader instability. Operate the loader controls smoothly.

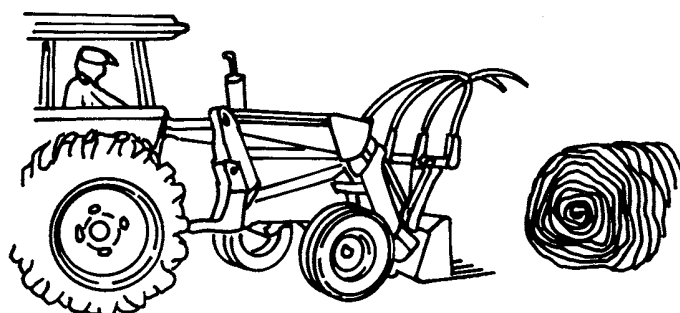


W8028

When handling round bales on a slope, approach the bale with the tractor facing uphill.

Never use the tractor-loader to stop a rolling bale.

Obey all safety messages under "Operating" on pages 3 and 4.



W8029

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