

148, 158 and 168 Farm Loaders



JOHN DEERE

OPERATORS MANUAL

148, 158 and 168
Farm Loaders

OMW21465 Issue I9 English

John Deere Welland Works
OMW21465 Issue I9

LITHO IN U.S.A.
ENGLISH





To the Purchaser

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

Record your loader model and serial number in the space provided on page 86. Your dealer needs this information to give you prompt, efficient service when you order parts or attachments.

Because John Deere sells its products world-wide, U.S. units of measure are shown with their respective metric equivalents throughout this operator's manual. These equivalents are the SI (International System) Units of Measure.





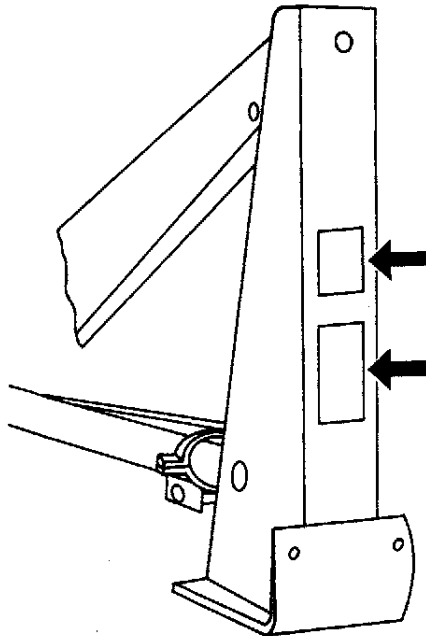
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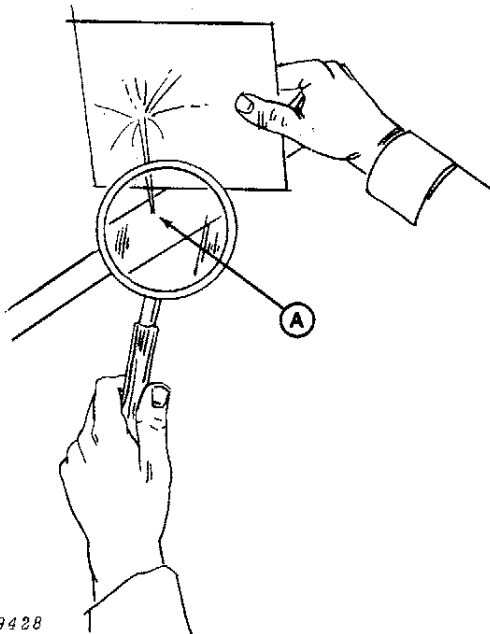


Safety

BEFORE OPERATING



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A—Pin Hole Leak

1. Read all decals and SAFETY section of this manual.

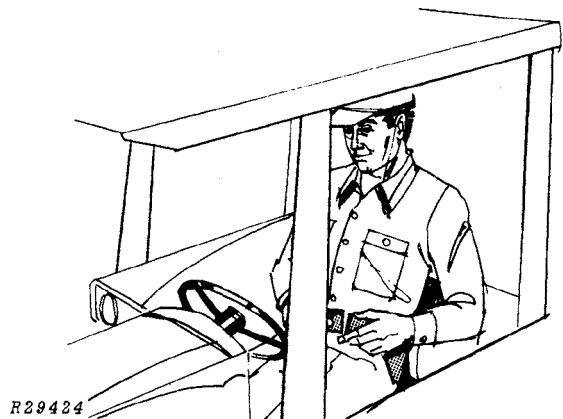
2. Escaping fluid under pressure can have sufficient force to penetrate the skin, causing serious personal injury. Before disconnecting lines, be sure to relieve all pressure. Before applying pressure to the system, be sure all connections are tight and that lines, pipes and hoses are not damaged. Fluid escaping from a very small hole can be almost invisible. Use a piece of cardboard or wood, rather than hands to search for suspected leaks.

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

3. Become familiar with all controls.
4. Check hardware condition.
5. Check condition of hydraulic hoses and connections.
6. Remove foreign objects from loader.
7. Be sure no one is near loader.
8. Be sure all tractor PTO shields are installed.

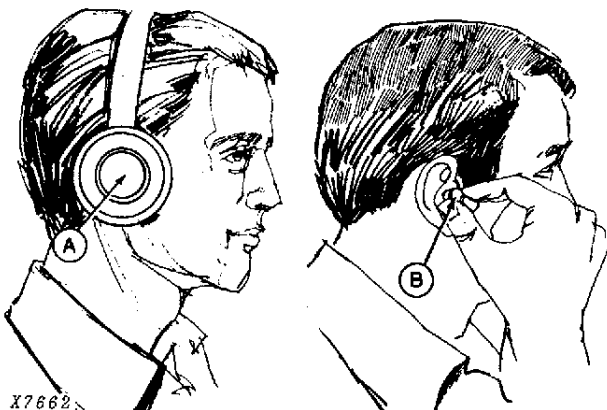
OPERATING

1. Improper use of loader can cause serious injury or death.
2. Under most operating conditions:
 - a) Using a seat belt on a tractor with a roll-over protective structure is recommended.
 - b) Using a seat belt on a tractor without a roll-over protective structure is not recommended.



OPERATING—Continued

3. Use the recommended rear wheel ballast.
4. Keep PTO clutch lever disengaged.
5. Be sure no one is near tractor and loader.
6. Do not allow riders on tractor or loader.
7. Operate loader from operator's seat only.
8. Carry load low at all times.
9. Turn tractor at slow speeds.
10. Reduce tractor ground speed when traveling over rough terrain.
11. Avoid traveling over loose fill, rocks and holes.
12. Do not overload loader.
13. Avoid working on inclines.
14. Drive slowly through gates and doors.
15. Avoid handling loose or shiftable loads.
16. Never use loader as a battering ram.
17. Remain at controls until operating cycle is complete.
18. Lower bucket or attachment to ground when loader is unattended.
19. Never stand under a raised loader bucket or attachment.



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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.

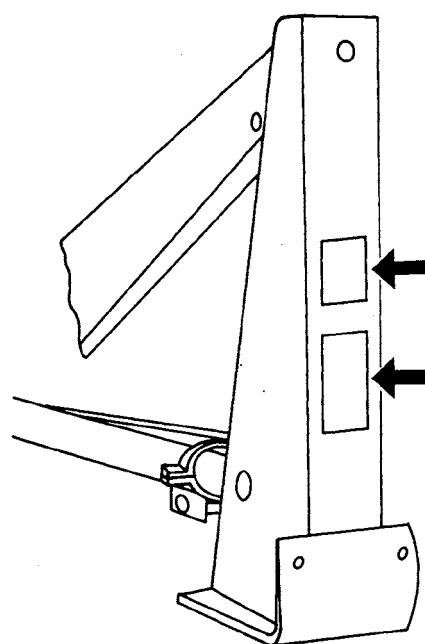
A—Earmuffs
B—Earplugs

HANDLING ROUND BALES

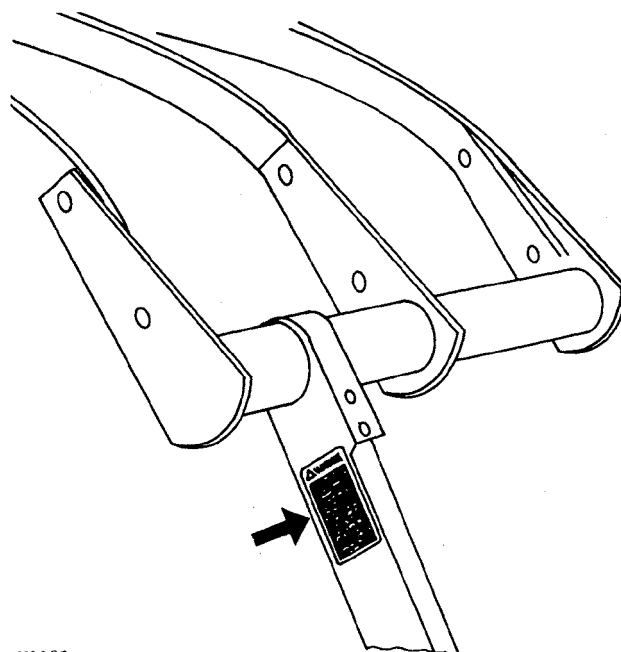
1. Improper use of front-end loaders to handle round bales can result in injury to the tractor operator from:
 - a) the bale rolling back down the loader boom into the operator's station or -
 - b) a tractor roll-over accident caused by instability when the bale is not carried low.

⚠ CAUTION: Exercise extreme caution when using a front-end loader to handle round bales. Be careful and prevent bodily injury.

2. 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.



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HANDLING ROUND BALES—Continued

3. Do not handle round bales with the loader unless the specially designed John Deere round bale clamp is installed. Without the clamp, the bale can fall on the operator when the loader is raised.
4. To avoid handling and stability problems, do not exceed a round bale weight of 2000 pounds (907 kg).
5. The tractor must be equipped with a roll-over protective structure to prevent operator injury in case of a tractor roll-over accident.
6. The tractor must have maximum rear ballast per wheel and maximum tread width. See "Rear Tread" and "Rear Ballast" on page 11.
7. Reduce the tractor ground speed. Carry the bale as low as possible and maintain adequate visibility and ground clearance at all times.
8. Jerky operation causes tractor-loader instability. Operate the loader controls smoothly.



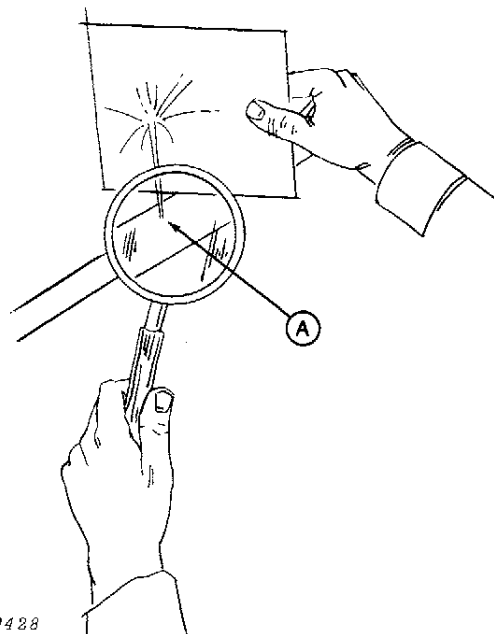
9. When handling round bales on a slope, approach the bale with the tractor facing uphill.

10. Never use the tractor-loader to stop a rolling bale.
11. Obey all safety messages under "Operating" on pages 3 and 4.

SERVICE AND STORAGE

1. Lower bucket or attachment to ground, shut off tractor engine and relieve pressure in hydraulic system before adjusting, lubricating, or servicing loader.
2. Check hoses, fasteners and other parts for damage. Make necessary repairs.
3. Escaping fluid under pressure can have sufficient force to penetrate the skin, causing serious personal injury. Before disconnecting lines, be sure to relieve all pressure. Before applying pressure to the system, be sure all connections are tight and that lines, pipes, and hoses are not damaged. Fluid escaping from a very small hole can be almost invisible. Use a piece of cardboard or wood, rather than hands to search for suspected leaks.

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



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A—Pin Hole Leak

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