

**544E, 544E LL, AND
544E TC LOADERS
624E LOADER
644E LOADER**



JOHN DEERE

OPERATORS MANUAL
544E, 544E LL, AND 544E TC
LOADERS 624E LOADER 644E
LOADER

OMT131709 G1 English

**JOHN DEERE DUBUQUE WORKS
OMT131709 G1**

LITHO IN THE 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 given in both metric and customary U.S. unit equivalents. Use only correct replacement parts and fasteners. Metric and inch fasteners may require a specific metric or inch wrench.

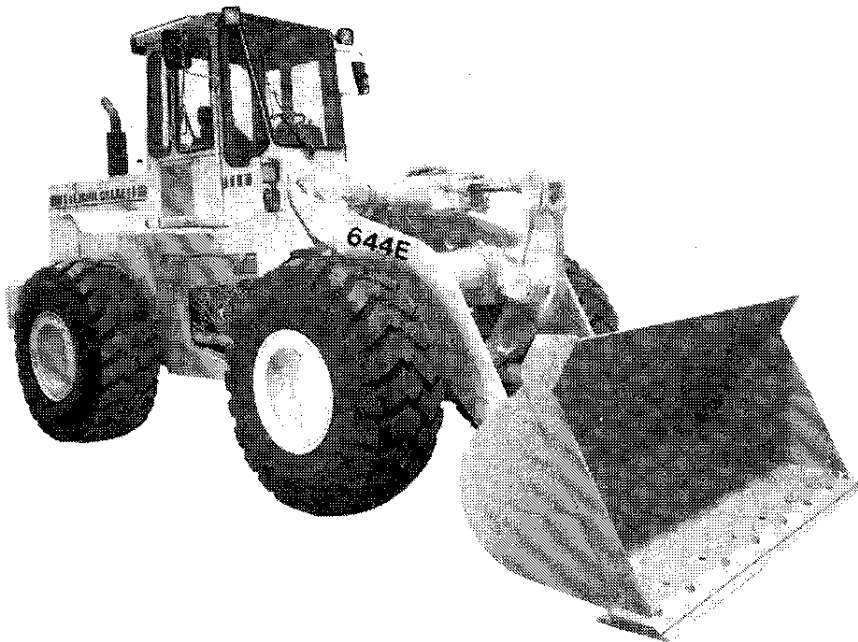
RIGHT-HAND AND LEFT-HAND sides are determined by facing in the direction of forward travel.

WRITE PRODUCT IDENTIFICATION NUMBERS (P.I.N.) in the Machine Numbers 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. File the identification numbers in a secure place off the machine.

WARRANTY is provided as part of John Deere's support program for customers who operate and maintain their equipment as described in this manual. The warranty is explained on the warranty certificate which you should have received from your dealer.

This warranty provides you the assurance that John Deere will back its products where defects appear within the warranty period. In some circumstances, John Deere also provides field improvements, often without charge to the customer, even if the product is out of warranty. Should the equipment be abused, or modified to change its performance beyond the original factory specifications, the warranty will become void and field improvements may be denied. Setting fuel delivery above specifications or otherwise overpowering machines will result in such action.

THE TIRE MANUFACTURER'S warranty supplied with your machine may not apply outside the U.S.



TB570AP2
-JUN-20OCT88

CALIFORNIA PROPOSITION 65 WARNING
Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.

TX,DH1848 -19-06JUN91

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T6795CC -JUN-19OCT88

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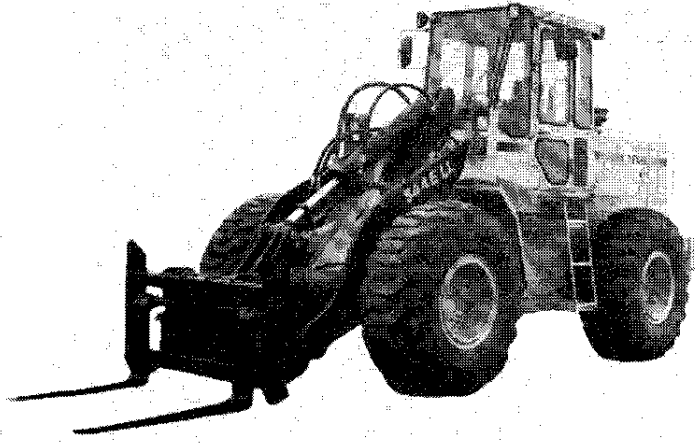
Hello dear friend!

Thank you very much for reading.

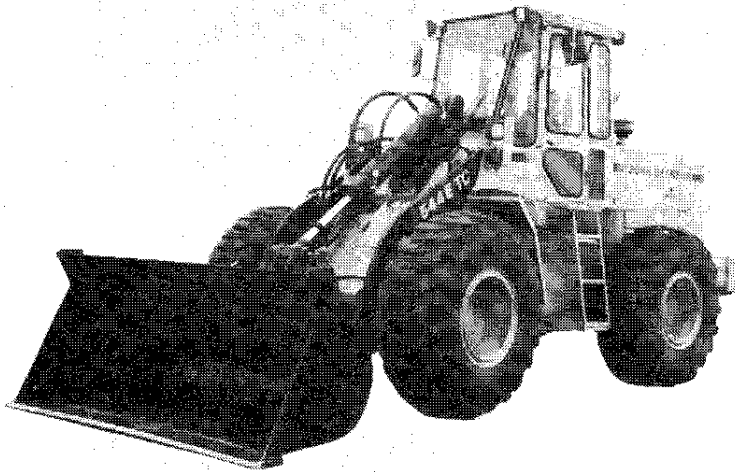
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T6978AC -UN-27FEB89



T6978AD -UN-27FEB89

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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.

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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.



DX,ALERT -19-04JUN90

T81369 -UN-07DEC88

UNDERSTAND SIGNAL WORDS

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

DANGER or WARNING safety signs are located near specific hazards. General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.



DX,SIGNAL -19-04JUN90

TS187 -19-30SEP88

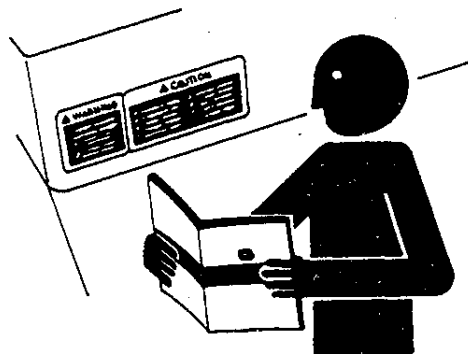
FOLLOW SAFETY INSTRUCTIONS

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. Be sure new equipment components and repair parts include the current safety signs. Replacement safety signs are available from your John Deere dealer.

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.

If you do not understand any part of this manual and need assistance, contact your John Deere dealer.



DX,READ -19-04JUN90

TS201 -UN-23AUG88



AVOID INJURY FROM ROLLOVER ACCIDENTS

WEAR YOUR SEAT BELT

DO NOT ATTEMPT TO JUMP CLEAR OF TIPPING MACHINE--SERIOUS OR FATAL CRUSHING INJURIES WILL RESULT

MACHINE WILL TIP OVER FASTER THAN YOU CAN JUMP FREE

To avoid rollovers:

Be careful when operating on a slope.

Avoid sharp turns.

Balance loads so weight is evenly distributed and load is stable.

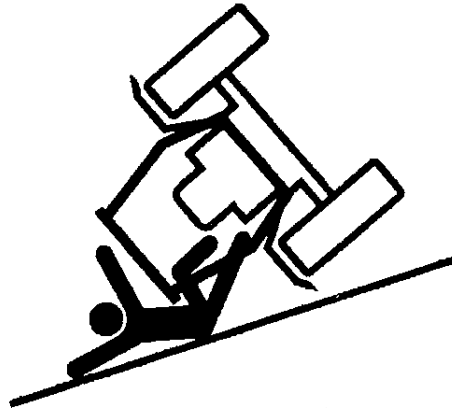
Carry tools and loads close to the ground to aid visibility and lower center of gravity.

Reduce speed before turning or swinging load.

Know capacity of machine. Do not overload.

Be careful when operating at the edge of an excavation, trench, or drop-off, and loading or unloading from a trailer.

Read and understand the operating instructions in this operator's manual.



**USE
SEAT
BELT**

T7242EA -19-22FEB90

TX,05,DH1525 -19-21JUN91



AVOID INJURY FROM BACKOVER ACCIDENTS

BEFORE MOVING MACHINE, BE SURE ALL PERSONS ARE CLEAR OF AREA

ALWAYS BE ALERT FOR BYSTANDERS MOVING INTO THE WORK AREA. USE HORN OR OTHER SIGNAL TO WARN BYSTANDERS BEFORE MOVING MACHINE

WHEN USING A SIGNAL PERSON, KEEP PERSON IN VIEW AT ALL TIMES. BE SURE SIGNAL PERSON IS CLEAR BEFORE BACKING UP



To avoid backover accidents:

Always look around before you back up. Be sure that everyone is in the clear.

Keep bystanders away from pivot area of an articulated machine.

Keep reverse warning alarm in working condition, if equipped.

Use a signal person when backing up if view is obstructed. Always keep signal person in view.

Learn the meaning of all flags, signs, and markings used on the job, and who has the responsibility for signaling.

Keep windows, mirrors, and lights clean and in good condition.

Dust, heavy rain, fog, etc., can reduce visibility. As visibility decreases, reduce speed and use proper lighting.

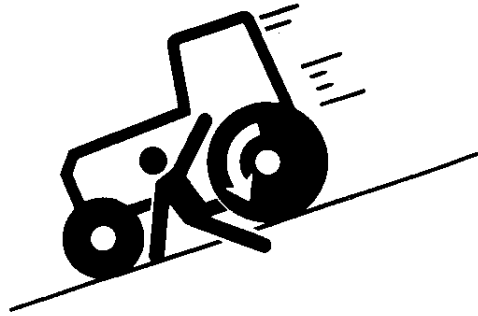
Read and understand the operating instructions in this operator's manual.



AVOID INJURY FROM ROLLAWAY ACCIDENTS

TO PREVENT ROLLAWAY, ALWAYS MAKE SURE MACHINE IS PROPERLY SECURED BEFORE LEAVING OPERATOR'S SEAT

DEATH OR SERIOUS INJURY MAY RESULT IF YOU ATTEMPT TO MOUNT OR STOP A MOVING MACHINE



To avoid rollaways:

Select level ground when possible to park machine.

Place transmission controls in neutral, move FNR lever to neutral, and engage park brake.

Lower all equipment to ground.

Stop the engine.

Block all wheels if you must park on a grade. Position machine to prevent rolling.

Park a reasonable distance from other machines.

Read and understand the operating instructions in this operator's manual.

T7241AZ -UN-21FEB90

TX.05.DH1526 -19-26JAN91

INSPECT MACHINE

Inspect your machine carefully each day by walking around it before you start it. (See Pre-Start Inspection Chapter.)



T6607AQ -UN-16OCT88

T82.BHSA.CL -19-14MAR90



USE HANDHOLDS AND STEPS

Falling is one of the major causes of personal injury.

When you get on and off the machine, always maintain a three point contact with the steps and handrails, and face the machine. Do not use the steering wheel or any controls as handholds.

Never jump on or off the machine. Never mount or dismount a moving machine.

Be careful of slippery conditions on platforms, steps, and handrails when leaving the machine.



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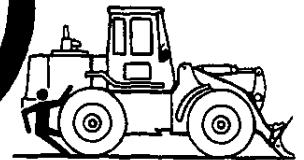
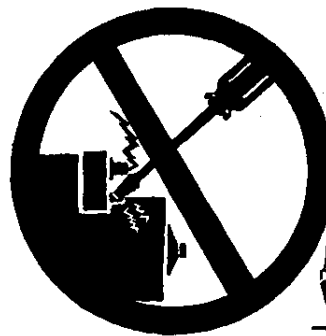
TX,05,DH583 -19-18MAR91

PREVENT MACHINE RUNAWAY

Avoid possible injury or death from machine runaway.

Do not start engine by shorting across starter terminals. Machine will start in gear if normal circuitry is bypassed.

Never start engine while standing on ground. Start engine only from operator's seat with FNR lever locked in neutral and park brake engaged.



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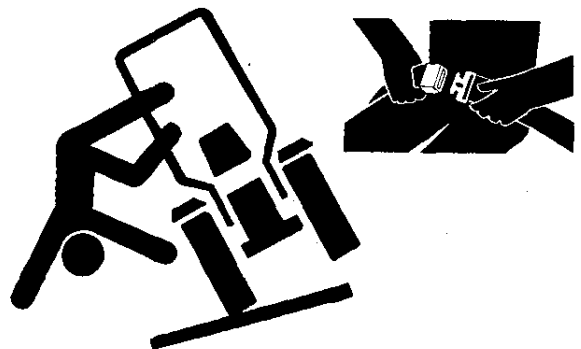
02T,05,K110 -19-06JUN91

USE SEAT BELT PROPERLY

Use a seat belt when you operate with a roll-over protective structure (ROPS) to minimize chance of injury from an accident such as an overturn.

Do not use a seat belt if operating without a ROPS.

Do not remove roll-over protective structure (ROPS).



TS205 -JUN-23AUG88

02T,05,J46 -19-15JAN88



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first, and then click the above link

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MAINTAIN SEAT BELT

It is important to use the seat belt on ROPS equipped machines to minimize the chance of injury from an accident such as an overturn. Keep the seat belt in good condition.

Carefully examine buckle, webbing, and attaching hardware.

Be sure that the retractor, if equipped, locks to prevent belt extension after latching buckle.

Be sure that attaching hardware is in place and secure.

Replace the seat belt if it does not operate properly, or if it is damaged, worn, or deteriorated.

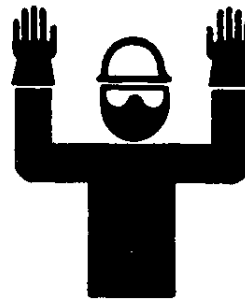
TX,05,DH1741 -19-18MAR91

TRAVEL SAFELY

Know the location of bystanders before moving the machine.

Always keep the reverse warning alarm in working condition. It warns people when the machine starts to move in reverse.

Use a signal person when moving the machine in congested areas. Coordinate hand signals before starting the machine.



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