

# **6205 and 6505 Tractors**

**John Deere Werke Mannheim  
OMAL119243 Issue G9**

**European Version  
Printed in Germany  
ENGLISCH**

# 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 and safety signs on your machine may also be available in other languages (see your John Deere dealer to order).

**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 the direction of forward travel.

**WRITE PRODUCT IDENTIFICATION NUMBERS** (P.I.N.) in the Specification or Identification 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.

**SETTING FUEL DELIVERY BEYOND PUBLISHED** factory specifications or otherwise overpowering will result in loss of warranty protection for this machine.

**BEFORE DELIVERING THIS MACHINE**, your dealer performed a predelivery inspection. After operating for the first 100 hours, schedule an after-sale inspection with your dealer to ensure best performance.

**THIS TRACTOR IS DESIGNED SOLELY** for use in customary agricultural or similar operations (“INTENDED USE”).

Use in any other way is considered as contrary to the intended use. The manufacturer accepts no liability for damage or injury resulting from this misuse, and these risks must be borne solely by the user. Compliance with and strict adherence to the conditions of operation, service and repair as specified by the manufacturer also constitute essential elements for the intended use.

**THIS TRACTOR SHOULD BE OPERATED**, serviced and repaired only by persons familiar with all its particular characteristics and acquainted with the relevant safety rules (accident prevention).

The accident prevention regulations, all other generally recognized regulations on safety and occupational medicine and the road traffic regulations must be observed at all times.

Any arbitrary modifications carried out on this tractor will relieve the manufacturer of all liability for any resulting damage or injury.

# Contents

	Page		Page
<b>Identification Views</b> . . . . .	00-1	Correct ground travel speed . . . . .	45-3
<b>Safety</b> . . . . .	05-1	Travel speeds . . . . .	45-4
<b>Safety Decals</b> . . . . .	10-1	Shifting transmission . . . . .	45-7
<b>Controls and Instruments</b>		Engaging front-wheel drive . . . . .	45-8
Vehicle controls . . . . .	15-1	Differential lock . . . . .	45-8
Attachment controls . . . . .	15-2	Foot brakes . . . . .	45-8
Indicator lights . . . . .	15-3	<b>Rockshaft and Three-Point Hitch</b>	
Fuel gauge . . . . .	15-4	Operating the rockshaft . . . . .	50-1
Coolant temperature gauge . . . . .	15-4	Depth adjustment . . . . .	50-2
<b>Lights</b>		Three-point hitch . . . . .	50-3
Light switch . . . . .	20-1	Draft links . . . . .	50-3
Hazard warning lights . . . . .	20-2	Attaching implements . . . . .	50-4
Turn signals and horn . . . . .	20-2	Center link . . . . .	50-5
<b>Operator's Platform</b>		Lift links . . . . .	50-5
Roll-over protective structure . . . . .	25-1	<b>Power Take-Off</b>	
Seat belt . . . . .	25-2	PTO guard . . . . .	55-1
Operator's seat . . . . .	25-2	Operating the PTO . . . . .	55-2
<b>Break-In Period</b>		Attaching PTO-driven equipment . . . . .	55-4
After the first 4 and 8 hours of operation . . . . .	30-1	<b>Ballast</b>	
Within the first 100 hours of operation . . . . .	30-1	Ballast . . . . .	60-1
After the first 100 hours of operation . . . . .	30-3	Measuring rear wheel slip . . . . .	60-2
<b>Prestarting Checks</b> . . . . .	35-1	Rear wheel weights . . . . .	60-2
<b>Operating the Engine</b>		Filling tires with liquid ballast . . . . .	60-3
Starting the engine . . . . .	40-1	Front weights . . . . .	60-4
Electrical starting aid . . . . .	40-2	<b>Wheel Tread, Tires</b>	
Booster battery . . . . .	40-2	Front wheel tread adjustment . . . . .	65-1
Towing the tractor . . . . .	40-4	Adjusting the fenders . . . . .	65-6
Parking the tractor . . . . .	40-4	Rear wheel tread adjustment . . . . .	65-8
Stopping the engine . . . . .	40-5	Tires . . . . .	65-11
<b>Operating the Tractor</b>		Tire combinations with front-wheel drive . . . . .	65-12
Reduce fuel consumption . . . . .	45-1	<b>Additional Equipment</b>	
		Selective control valves . . . . .	70-1
		Control lever . . . . .	70-1
		Couplers . . . . .	70-1
		Maximum permissible oil withdrawal . . . . .	70-2

Continued on next page

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A John Deere ILLUSTRATION® Manual

## Contents

	Page		Page
Remote hydraulic cylinder . . . . .	70-2	<b>Service / Every 1500 Hours or 2 Years</b>	
Swinging drawbar . . . . .	70-4	Changing oil in FWD axle . . . . .	115-1
Trailer hitches . . . . .	70-4	Changing transmission oil . . . . .	115-2
<b>Transport . . . . .</b>	<b>75-1</b>	<b>Service / Every 3000 Hours or 3 Years</b>	
<b>Fuel, Lubricants, Hydraulic Oil and Coolant</b>		Changing coolant . . . . .	120-1
Fuel . . . . .	80-1	<b>Service / As Required</b>	
Engine oil . . . . .	80-2	Engine air cleaner . . . . .	125-1
Transmission/hydraulic oil . . . . .	80-3	Secondary (safety) element . . . . .	125-2
FWD axle oil . . . . .	80-3	Adjusting the handbrake . . . . .	125-3
Grease . . . . .	80-4	Bleeding the hydraulic brakes . . . . .	125-3
Coolant . . . . .	80-6	Fuel filter . . . . .	125-5
<b>Lubrication and Periodic Service</b>		Bleeding the fuel system . . . . .	125-5
Opening hood . . . . .	85-2	Operator's seat . . . . .	125-6
Removing grille screens . . . . .	85-2	Starting motor . . . . .	125-7
Removing fan guard . . . . .	85-3	Fuses . . . . .	125-7
Access to battery . . . . .	85-3	<b>Troubleshooting</b>	
Access to fuses . . . . .	85-3	Hydraulic system . . . . .	130-1
Alternator . . . . .	85-4	Engine . . . . .	130-2
Service intervals . . . . .	85-5	Electrical system . . . . .	130-4
<b>Service / Daily or Every 10 Hours</b>		<b>Storage</b>	
Engine crankcase oil level . . . . .	90-1	Storage for a lengthy period . . . . .	135-1
Checking the lights . . . . .	90-2	Taking tractor out of storage . . . . .	135-2
Other service jobs . . . . .	90-2	<b>Specifications</b>	
<b>Service / Every 250 Hours</b>		Engine . . . . .	140-1
Changing engine oil . . . . .	95-1	PTO power output . . . . .	140-2
Changing engine crankcase filter element . . . . .	95-2	Axle loads and weights . . . . .	140-3
Checking transmission oil level . . . . .	95-2	Electrical system . . . . .	140-4
Battery service . . . . .	95-3	Capacities . . . . .	140-4
Lubricating front axle . . . . .	95-3	Sound level . . . . .	140-4
Checking oil level in FWD axle . . . . .	95-4	Tire loading limits . . . . .	140-5
Three-point hitch . . . . .	95-5	Safety note regarding electrical appliances . . . . .	140-7
Checking neutral start circuit . . . . .	95-6	<b>Serial Numbers . . . . .</b>	<b>145-1</b>
<b>Service / Every 500 Hours</b>		<b>Index</b>	
Changing the fuel filter . . . . .	100-1		
Lubricating rear axle . . . . .	100-1		
Air intake hoses . . . . .	100-2		
<b>Service / Every 750 Hours</b>			
Checking engine speeds . . . . .	105-1		
Changing transmission oil filters . . . . .	105-1		
<b>Service / Every Year</b>			

# Identification Views



LX1019445 -UN-04AUG99



LX1019446 -UN-04AUG99

LX,OMTYP 017561-19-01JUL99

# 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 -19-29SEP98

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.

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 -19-03MAR93

TS187 -19-30SEP88

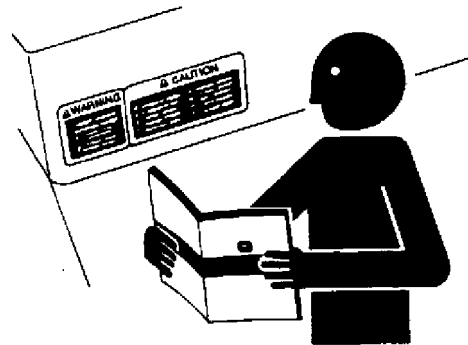
## FOLLOW SAFETY INSTRUCTIONS

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 -19-03MAR93

TS201 -UN-23AUG88

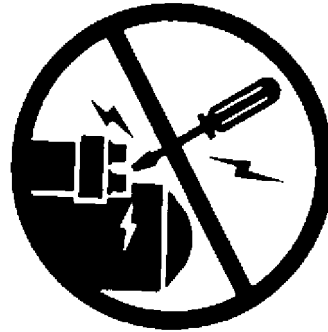


## PREVENT MACHINE RUNAWAY

Avoid possible injury or death from machinery 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 transmission in neutral or park.



DX,BYPAS1 -19-29SEP98

TS177 -UN-11JAN89

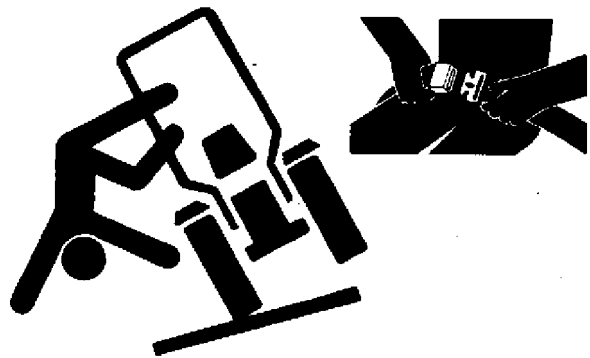
## USE SEAT BELT PROPERLY

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

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

Replace entire seat belt if mounting hardware, buckle, belt, or retractor show signs of damage.

Inspect seat belt and mounting hardware at least once a year. Look for signs of loose hardware or belt damage, such as cuts, fraying, extreme or unusual wear, discoloration, or abrasion. Replace only with replacement parts approved for your machine. See your John Deere dealer.



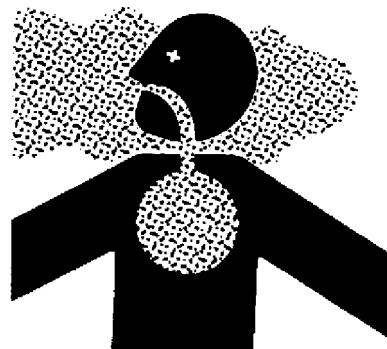
DX,ROPS1 -19-07JUL99

TS205 -UN-23AUG88

## WORK IN VENTILATED AREA

Engine exhaust fumes can cause sickness or death. If it is necessary to run an engine in an enclosed area, remove the exhaust fumes from the area with an exhaust pipe extension.

If you do not have an exhaust pipe extension, open the doors and get outside air into the area.



DX,AIR -19-04JUN90

TS220 -UN-23AUG88



## DRIVING THE TRACTOR SAFELY

Always check the road and general operating safety of the machine before using.

Operate tractor only when all guards are fitted and in their correct position.

Before moving away, always check immediate vicinity of machine (e.g. for children). Ensure adequate visibility.

Always adapt your ground speed to meet the ground conditions. Avoid making sharp turns when driving up or down slopes or when driving across the slope. Do not attempt to turn the machine with the differential lock engaged. When driving down slopes, never depress the clutch and change gear!

Attach implements and trailers to the tractor only using the prescribed drawbars or hitches. Attach trailers and implements correctly. Always ensure that trailers and implements cannot roll away.

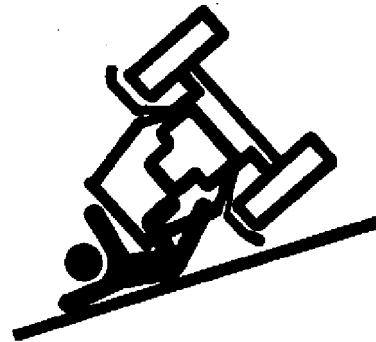
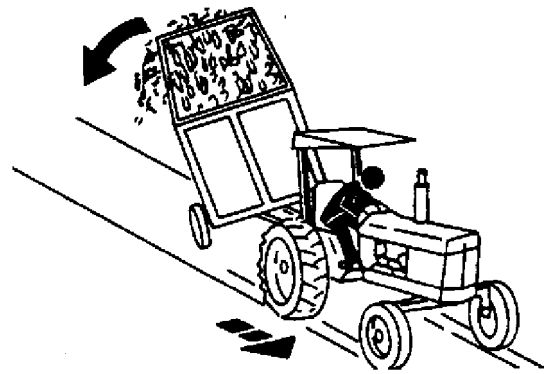
When making turns with towed or mounted implements, always take into consideration the width and inertia of the implement.

Reduce your ground speed when driving the tractor on slopes or over uneven ground and before making sharp turns. Before descending a steep hill, shift to a lower gear. Never coast downhill!

Avoid holes, ditches and obstructions which may cause the tractor to tip, particularly on hillsides.

Front-wheel drive greatly increases traction. This means that the tractor can be driven on steeper slopes, increasing the possibility of a tip over. Driving forward out of a ditch or up a steep slope could cause tractor to tip over to the rear. Therefore reverse out of these situations whenever possible.

Never drive near the edge of a gully or steep embankment — it might cave in!



-UN-23AUG68

TS216

-UN-07DEC88

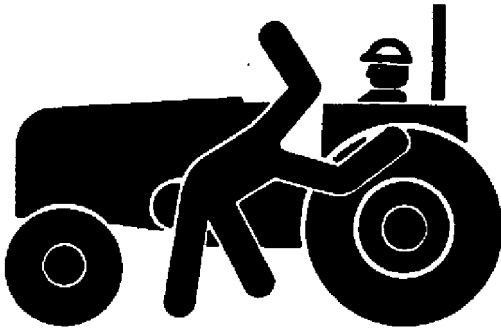
RW13093

LX,DRIVE -19-01JUN92

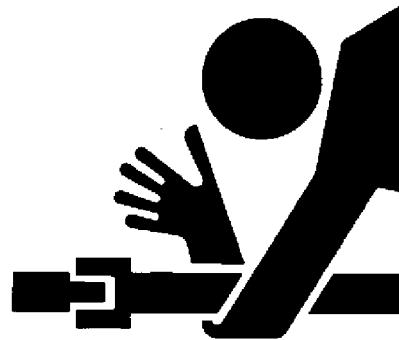




## OPERATING THE TRACTOR SAFELY



TS213 -JUN-23AUG88



TS276 -JUN-23AUG88

Careless use of the tractor can result in unnecessary accidents. Be alert to hazards of tractor operation. Understand causes of accidents and take every precaution to avoid them. Most common accidents are caused from:

- Tractor roll-over
- Improper starting procedures
- Crushing and pinching during hitching
- Collisions with other motor vehicles
- Entanglement in PTO shafts
- Falling from tractor

Avoid accidents by taking the following precautions:

- Put transmission in PARK before dismounting. Leaving transmission in gear with engine stopped will NOT prevent the tractor from moving.
- Be sure everyone is clear of tractor and attached equipment before starting engine.
- Never try to get on or off a moving tractor.
- When tractor is left unattended, place in PARK, lower implements to the ground, stop the engine, and remove the key.
- Never go near an operating PTO or an operating implement.
- Always fasten your seat belt in a ROPS equipped tractor.

RX,HAZARD,S -19-20DEC95

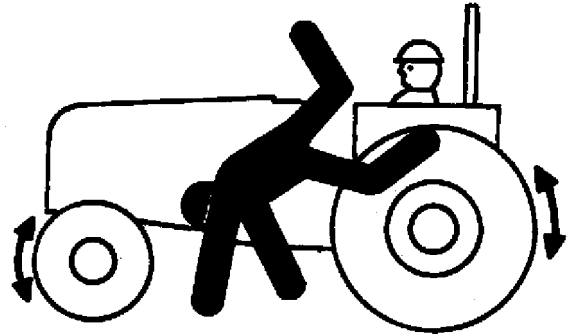


## KEEP RIDERS OFF MACHINE

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 the machine. Riders also obstruct the operator's view resulting in the machine being operated in an unsafe manner.

On machines equipped with a passenger seat, one rider is permitted.



-UN-23AUG68

TS290

LX,OMITF 002146-19-01FEB92

## PARKING AND LEAVING THE TRACTOR

Lower mounted implement(s) or equipment to the ground before leaving the tractor.

When leaving the tractor and/or implements, shut off engine, engage range and gear shift levers as well as handbrake and parking lock, remove main switch key and lock the operator's cab (if equipped). Put chock blocks in position.

Never leave tractor unattended while the engine is still running.

Never leave the operator's platform/cab when driving.



LX002510

-UN-17JAN95

LX002510

LX,PARK -19-07DEC96

## HANDLE FUEL SAFELY—AVOID FIRES

Handle fuel with care: it is highly flammable. Do not refuel the machine while smoking or when near open flame or sparks.

Always stop engine before refueling machine. Fill fuel tank outdoors.

Prevent fires by keeping machine clean of accumulated trash, grease, and debris. Always clean up spilled fuel.



-UN-23AUG88

TS202

DX,FIRE1 -19-03MAR93

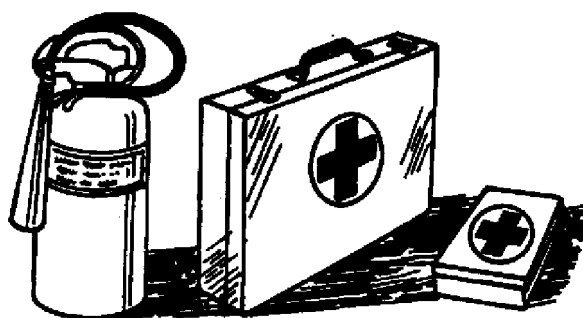


## PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

Keep a first aid kit and fire extinguisher handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.



DX.FIRE2 -19-03MAR93

TS291  
-UN-23AUG88

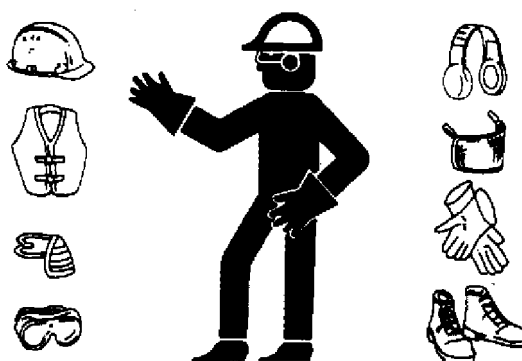
## WEAR PROTECTIVE CLOTHING

Wear close fitting clothing and safety equipment appropriate to the job.

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

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

Operating equipment safely requires the full attention of the operator. Do not wear radio or music headphones while operating machine.



DX.WEAR -19-10SEP90

TS206  
-UN-23AUG88

## STAY CLEAR OF ROTATING DRIVELINES

Entanglement in rotating driveline can cause serious injury or death.

Keep tractor master shield and driveline shields in place at all times. Make sure rotating shields turn freely.

Wear close fitting clothing. Stop the engine and be sure PTO driveline is stopped before making adjustments, connections, or cleaning out PTO driven equipment.



DX.PTO -19-12SEP95

TS1644  
-UN-22AUG95

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