

2955 TRACTOR (740000-)



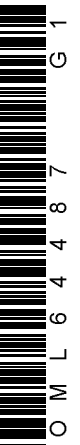
JOHN DEERE

OPERATORS MANUAL 2955 TRACTOR (740000-)

OML64487 G1 English

JOHN DEERE WERKE MANNHEIM
OML64487 G1
(Mark old manual OML57755 L0 for
machines up to Serial No. above.)

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 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.

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.



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LX,OIFC 001318-19-01JUL81

Contents

	Page		Page
Safety	05-1	Windshield wipers	35-6
Safety Signs	10-1	Fan, air louvers, heater	35-7
Controls and Instruments		Air conditioning system	35-7
Controls	15-1	Steering wheels adjustment	35-8
Control Lights	15-3	Treads, Tires, Ballast	
Instruments	15-4	Front wheel treads	40-1
Break-In Period		Front wheel toe-in	40-3
After the first 4 and 8 hours	20-1	Rear wheel tread	40-4
After the first 50 hours	20-1	Tires	40-8
Within the first 100 hours	20-2	Ballast	40-9
After the first 100 hours	20-2	Measuring rear wheel slip	40-10
Operating the Engine		Rear wheel weights	40-11
Prestarting check	25-1	Filling tires with liquid ballast	40-13
Starting the engine	25-2	Installing front weights	40-14
Electric starting aid	25-3	Rockshaft and 3-Point Hitch	
Starting with a booster battery	25-3	Control lever	45-1
Engine coolant heater	25-4	Load selector lever	45-3
Towing the tractor to start	25-4	Rate-of-implement-drop	45-4
Towing the tractor	25-5	Three-point hitch	45-5
Parking the tractor	25-5	Draft links	45-5
Stopping the engine	25-5	Center link	45-6
Operating the Tractor		Lift links	45-7
Reduce fuel consumption	30-1	Attaching implements	45-9
Ground travel speeds	30-3	Sway blocks	45-10
Shifting transmission	30-5	Accessories	
Shifting Hi-Lo unit	30-6	Selective control valves	50-1
Engaging Creeper Transmission	30-6	Poppet type valves	50-1
Differential lock	30-7	Breakaway couplers	50-6
Foot brakes	30-8	Spool type valves	50-8
Operator's Station		Quick couplers	50-8
Lighting system	35-1	Maximum permissible oil withdrawal	50-9
Seat	35-4	Double acting remote hydraulic cylinder	50-10
Roll guard	35-5	Swinging drawbar	50-11
Seat belt	35-6	Power Take-Off	
		PTO master shield	55-1

Continued on next page

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Contents

	Page		Page
Operating of PTO	55-2	Changing front axle oil	100-3
Attaching PTO-driven equipment	55-3		
Front-Wheel Drive		Service - Fuel System	
Operation	60-1	Checking fuel filter	105-1
Front wheel steering angle	60-2	Replacing fuel filter	105-1
Adjusting front wheel tread	60-3	Bleeding fuel system	105-2
Tires	60-5		
	-	Service - Transmission/Hydraulics	
Fuel, Lubricants and Coolant		Checking oil level	110-1
Fuel	65-1	Replacing filter element	110-2
Engine oil	65-2	Changing oil	110-3
Fluid for hydraulically operated clutch	65-3		
Transmission/hydraulic oil	65-3	Service - Clutch	
Transmission oil for MFWD front axle	65-4	Adjusting clutch	115-1
Multipurpose grease	65-5	Adding fluid to reservoir	115-1
Engine coolant	65-5	Lubricating clutch throw-out bearing	115-1
Removing Access Covers		Service - Miscellaneous	
Grille screens	70-1	Operator's seat	120-1
Hood	70-1	3-Point hitch	120-1
Battery box covers	70-2	Compressor V-belt	120-1
		SGB air filter	120-2
Lubrication and Periodic Service			
Service intervals	75-1	Service - Electrical System	
Timetables	75-2	Batteries	125-1
		Neutral start system	125-4
Service - Air Intake System		Starting motor	125-4
Primary air filter	80-1	Removing batteries	125-5
Secondary air filter	80-3	Alternator	125-7
Air intake hoses	80-4	Lamps	125-8
		Fuses	125-11
Service - Brakes		Service - Heater/Air Conditioning System	
Bleeding brakes	85-1	Air conditioning system	130-1
Adjusting hand brake	85-2	Heater	130-2
Service - Engine		Tractor Storage	
Engine oil	90-1	Storage	135-1
Engine filter	90-1	Removing tractor from storage	135-2
Alternator V-belt	90-2		
Engine speeds	90-2	Crime Prevention Tips	
		140-1	
Service - Cooling System		Troubleshooting	
Replacing coolant	95-1	Hydraulic system	145-1
		Engine	145-2
		Electrical system	145-3
Service - Axles and Wheels			
Lubricate front axle and wheels	100-1	Specifications	
Lubricate rear axle	100-2	Engine	150-1
Checking front axle oil level	100-3		

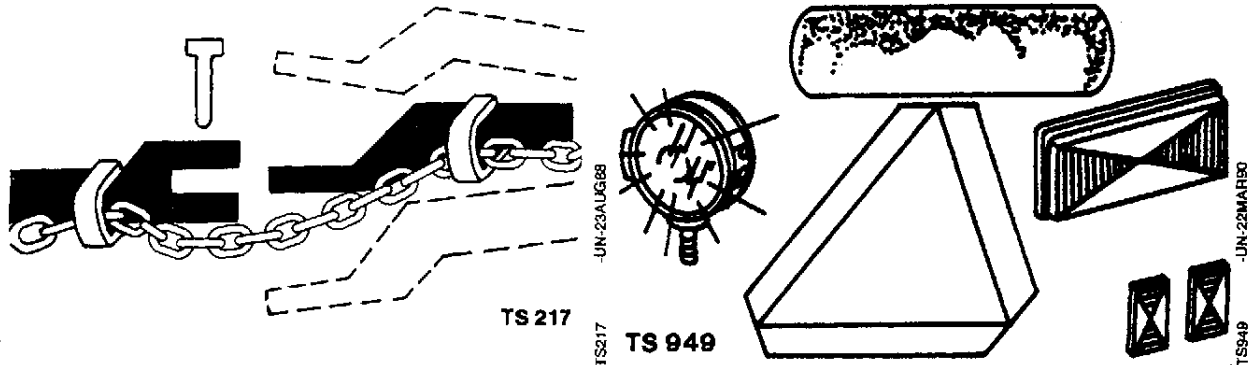
Continued on next page

Contents

	Page
Weights	150-2
Electrical System	150-2
Capacities	150-3
Identification Numbers	155-1
Lubrication and Maintenance Records . . .	160-1
Attachments	165-1

Safety

DELIVER SAFELY



The best method for delivering tractors, self-propelled equipment, and most implements or attachments is on a flatbed truck or trailer. Secure loads with tie down chains, straps, and binders.

Be aware of height and width restrictions to avoid collision with overpasses or other road users.

When towing, remember that towed loads can swerve, upset or cause you to lose control. Follow these guidelines:

- Use a tractor large enough to maintain control. Properly ballast tractor. (See tractor operator's manual.)
- Tow drawn implements with a tractor equipped with a stationary drawbar. Install a safety chain before transporting. Do not hook drawn implements to a 3-point hitch drawbar, which can raise when braking to stop.

- Use appropriate safety lights and devices. (See your local governmental regulations to assure compliance.)

- Reduce speed if towed load weighs more than the tractor and is not equipped with brakes. Follow operator's manual guidelines on towing speed and recommended speed-weight ratio:

— Maximum speed is 20 mph (32 km/h) when towing load equal to or less in weight than the tractor.

— Reduce speed to 10 mph (16 km/h) when towing load up to double the tractor weight.

— Do not tow loads exceeding double the tractor weight.

- Reduce speed in adverse weather, when turning, and on inclines. Stop slowly.



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.



T 81385

DX,ALERT -19-04JUN90

TS1889 -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.



TS201

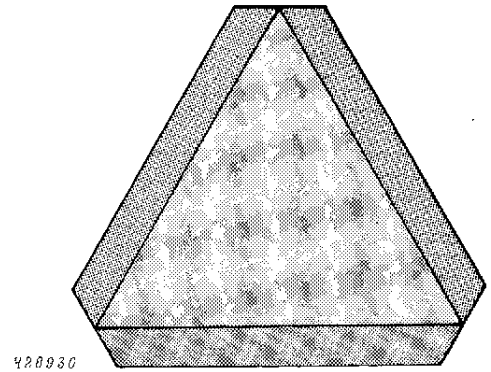
TS201 -UN-23AUG88

DX,READ -19-04JUN90



OBSERVE ROAD TRAFFIC REGULATIONS

Always observe local road traffic regulations when using public roads.



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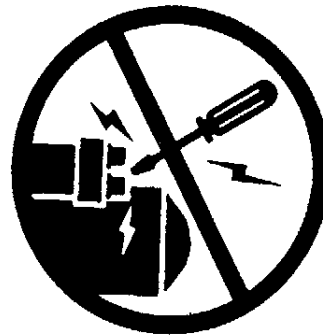
FX,ROAD -19-01MAY81

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.



TS177



-UN-11JAN89

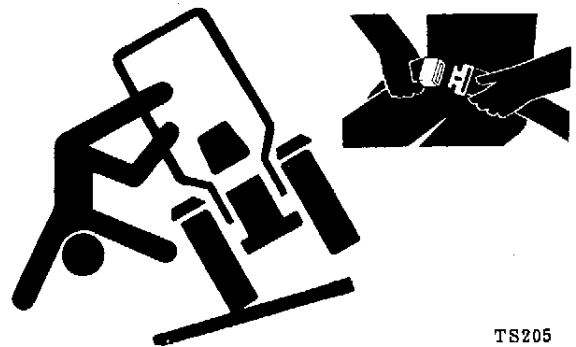
TS177

DX,BYPAS1 -19-04JUN90

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.



TS205

-UN-23AUG88

TS205

DX,ROPS1 -19-24AUG90



DRIVING THE TRACTOR

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.

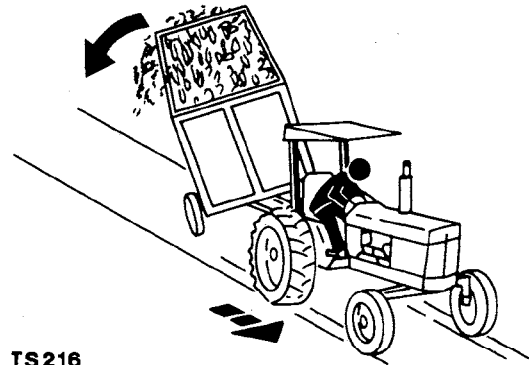
Always adapt your ground speed to meet the ground conditions. Avoid making sharp turns when driving up or down slopes or when driving across the slope. Do not attempt to turn the machine with the differential lock engaged. When driving down slopes, never depress the clutch and change gear!

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!

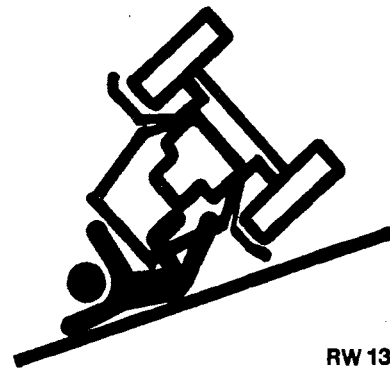
Avoid holes, ditches and obstructions which may cause the tractor to tip, particularly on hillsides.



TS216

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TS216



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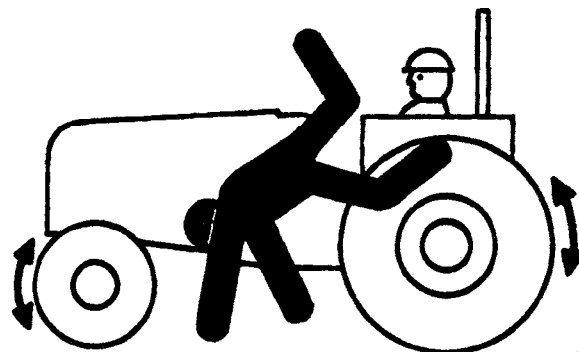
RW13093

LX,DRIVE -19-01MAY91

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.



TS 290

-UN-23AUG88

TS290

DX,RIDER -19-04JUN80



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.



TS202

DX,FIRE1 -19-04JUN90

-UN-23AUG88

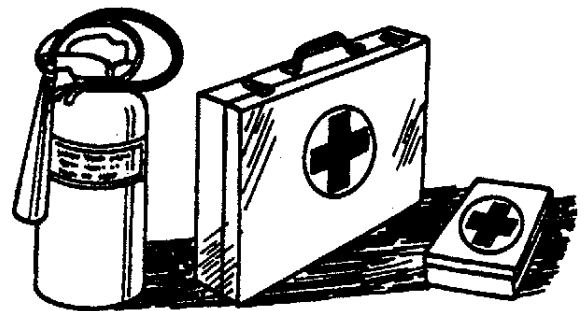
TS202

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.



TS291

DX,FIRE2 -19-04JUN90

-UN-23AUG88

TS291

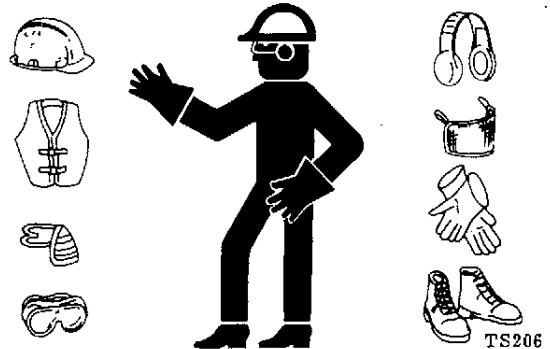
WEAR PROTECTIVE CLOTHING

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.



TS206

DX,WEAR -19-10SEP90

-UN-23AUG88

TS206



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.



TS198

-JUN-23AUG88

TS198

DX,PTO

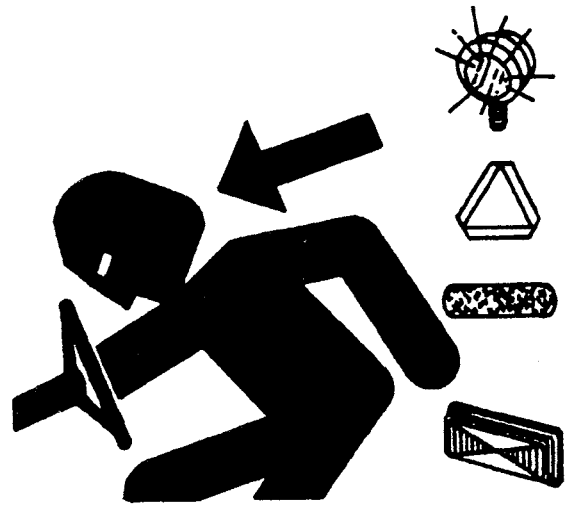
-19-04JUN90

USE SAFETY LIGHTS AND DEVICES

Slow moving tractors, self-propelled equipment and towed implements or attachments can create a hazard when driven on public roads. They are difficult to see, especially at night. Avoid personal injury or death resulting from collision with a vehicle.

Flashing warning lights and turn signals are recommended whenever driving on public roads. To increase visibility, use the lights and devices provided with your machine. For some equipment, install extra flashing warning lights.

Keep safety items in good condition. Replace missing or damaged items. An implement safety lighting kit is available from your John Deere dealer.



TS 951

-JUN-12A-PR90

TS951

DX,FLASH

-19-04JUN90

HANDLE CHEMICAL PRODUCTS SAFELY

Direct exposure to hazardous chemicals can cause serious injury. Potentially hazardous chemicals used with John Deere equipment include such items as lubricants, coolants, paints, and adhesives.

A Material Safety Data Sheet (MSDS) provides specific details on chemical products: physical and health hazards, safety procedures, and emergency response techniques.

Check the MSDS before you start any job using a hazardous chemical. That way you will know exactly what the risks are and how to do the job safely. Then follow procedures and recommended equipment.

(See your John Deere dealer for MSDS's on chemical products used with John Deere equipment.)

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TS1132

DX,MSDS,NA

-19-15MAR91

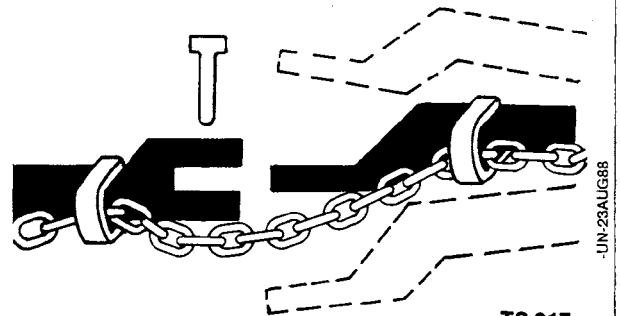


USE A SAFETY CHAIN

A safety chain will help control drawn equipment should it accidentally separate from the drawbar.

Using the appropriate adapter parts, attach the chain to the tractor drawbar support or other specified anchor location. Provide only enough slack in the chain to permit turning.

See your John Deere dealer for a chain with a strength rating equal to or greater than the gross weight of the towed machine. Do not use safety chain for towing.



TS 217

-JUN-23AUG88
TS217

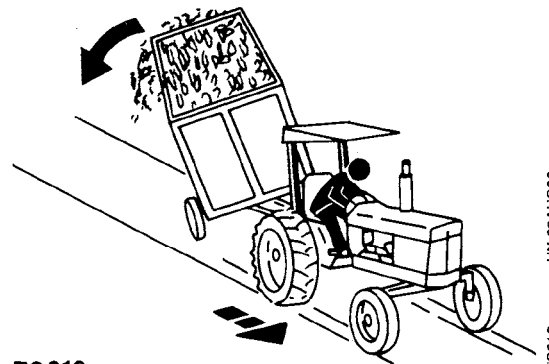
DX,CHAIN, -19-04JUN90

REDUCE SPEED WHEN TOWING LOADS

Braking to stop towed loads from transport speeds can cause the towed load to swerve and upset. Reduce speed if towed load weighs more than the tractor and is not equipped with brakes.

Follow recommended speed-weight ratio guidelines:

- Maximum speed is 20 mph (32 km/h) when towing load equal to or less in weight than the tractor.
- Reduce speed to 10 mph (16 km/h) when towing load up to double the tractor weight.
- Do not tow loads exceeding double the tractor weight.
- Use additional caution when towing loads under adverse surface conditions, when turning, and on inclines.



TS 216

-JUN-23AUG88
TS216

DX,TOW -19-04JUN90



FRONT-WHEEL DRIVE

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!

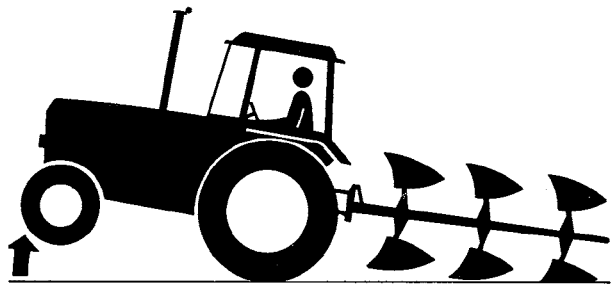
LX,MFWD1 -19-01MAY91

BALLASTING FOR SAFE GROUND CONTACT

Operating, steering and braking performance of tractor can be considerably affected by attached implements, trailers or ballast weights.

To maintain the necessary ground contact, ballast the tractor as necessary.

Observe the maximum permissible axle loads and total weights.



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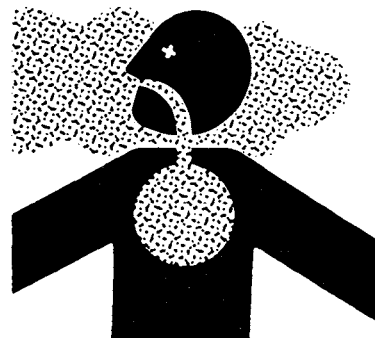
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ES114061

LX,GROUND -19-01MAY91

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.



TS 220

-JUN-29AUG88
TS220

DX,AIR -19-04JUN90



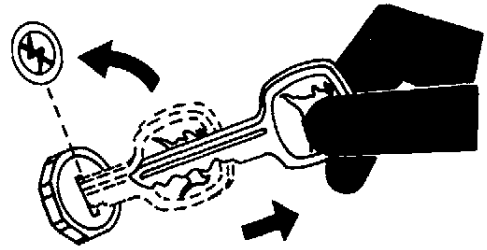
PARKING AND LEAVING THE TRACTOR

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 or parking lock, remove main switch key and lock the operator's cab (when equipped). Position chock blocks.

Never leave tractor unattended as long as engine is still running.

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



TS 230

LX,PARK -19-01MAY91

JUN-24MAY98
TS230



PRACTICE SAFE MAINTENANCE

Understand service procedure before doing work. Keep area clean and dry.

Never lubricate or service machine while it is moving. Keep hands, feet, and clothing from power-driven parts. Disengage all power and operate controls to relieve pressure. Lower equipment to the ground. Stop the engine. Remove the key. Allow machine to cool.

Securely support any machine elements that must be raised for service work.

Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts. Remove any buildup of grease, oil, or debris.

Disconnect battery ground cable (-) before making adjustments on electrical systems or welding on machine.



TS218

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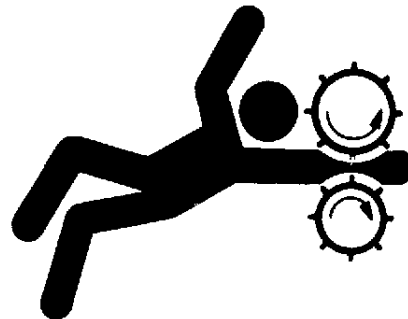
TS218

DX,SERV -19-04JUN90

SERVICE MACHINES SAFELY

Tie long hair behind your head. Do not wear a necktie, scarf, loose clothing, or necklace when you work near machine tools or moving parts. If these items were to get caught, severe injury could result.

Remove rings and other jewelry to prevent electrical shorts and entanglement in moving parts.



TS228

-JUN-23AUG88

TS228

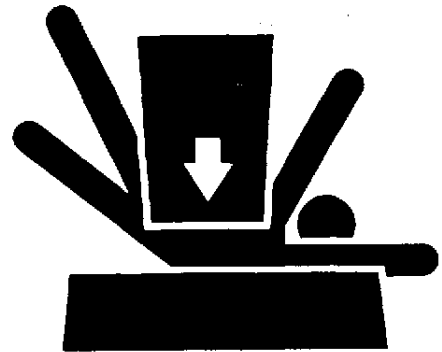
DX,LOOSE -19-04JUN90



SUPPORT MACHINE PROPERLY

Always lower the attachment or implement to the ground before you work on the machine. If you must work on a lifted machine or attachment, securely support the machine or attachment.

Do not support the machine on cinder blocks, hollow tiles, or props that may crumble under continuous load. Do not work under a machine that is supported solely by a jack. Follow recommended procedures in this manual.



TS 229

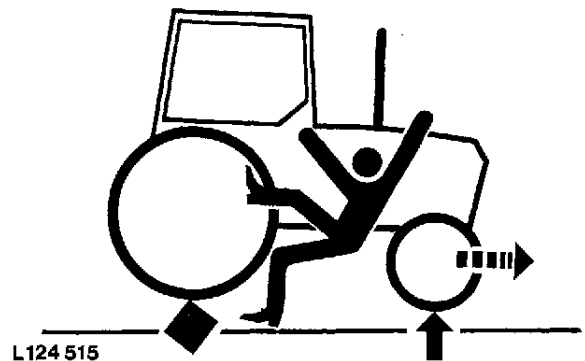
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TS229

DX,LOWER -19-04JUN90

SERVICE FRONT-WHEEL DRIVE TRACTOR SAFELY

When servicing front-wheel drive tractor with the rear wheels supported off the ground and rotating wheels by engine power, always support front wheels in a similar manner. Loss of electrical power or transmission/hydraulic system pressure will engage the front driving wheels, pulling the rear wheels off the support if front wheels are not raised. Under these conditions, front drive wheels can engage even with switch in disengaged position.



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LX,MPWD2 -19-01MAY91



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USE GENUINE JOHN DEERE PARTS

Genuine John Deere parts have been specifically designed for John Deere machines.

Other parts are neither examined nor released by John Deere. Installation and/or use of such products could thus have negative effects upon the design characteristics of the machine and thereby affect its safety.

Avoid this risk by using only genuine John Deere parts.



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FX,PARTS -19-01MAY91

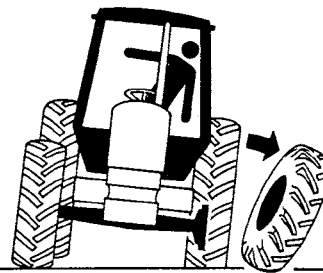
CHANGING WHEELS SAFELY

Remove a wheel on level ground only. The other wheels must be secured by means of chock blocks to prevent tractor runaway.

LX,WHEEL -19-01MAY91

RETIGHTEN WHEEL NUTS

Retighten machine wheel nuts at the intervals specified in section "Break-In Period" and "Service".



L124 516

-UN-
L124516

LX,WHEEL1 -19-01MAY91

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