

**316, 318 and 420
Lawn and Garden
Tractors**
(Serial No. 010001-)

John Deere Horicon Works
OMM79655 Issue J9
(This manual replaces OM-M79655 H9)

LITHO IN U.S.A.
ENGLISH

Introduction

THANK YOU for purchasing a John Deere product.

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 U.S. customary units and their metric equivalents.

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

WRITE PRODUCT IDENTIFICATION NUMBERS in the Specifications section. Accurately record all the numbers to help in tracing the machine should it be stolen. Your distributor also needs these numbers when you order parts. If this manual is kept on the machine, also 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 distributor.

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.



M35174
-UN-29AUG88

MX,IFC,M79655 -19-12APR89

Contents

	Page		Page
Safety	1	Troubleshooting	
Controls	8	Engine	35
Operating the Engine		Tractor	38
Starting the Engine	13	Electrical System	39
Warming Engine	16	Brakes	40
Engine Idling	17	Steering	40
Stopping the Engine	17	Service	
Driving the Tractor		Hour Meter	41
Driving the Tractor	19	Removing and Installing Engine Shields	41
Using 2-Speed Axle Shift Lever—420 Tractors Only	20	Service Intervals	42
Operating Differential Lock—420 Tractors	22	Engine Break-In	43
Using Turn Brake Pedals—318 and 420 Tractors	22	Checking	
Using reserve Fuel System—318 and 420 Tractors	23	Engine Oil Level	44
Stopping Tractor	24	Transmission Oil Level	44
Emergency Stopping	24	Air Cleaner Elements	45
Operating the Lights	25	Air Intake Screens	47
Oil Pressure Indicator	25	Safety Interlock System Checkout	
Battery Discharge Indicator	25	Procedure	48
Connecting Front Attachment Hydraulic Hoses	26	Changing Engine Oil	52
Using Rear Weights	26	Checking Tire Pressure	53
Rear Wheel Weights—Cast Iron	26	Checking Gear Case Oil Level for Tractor with 2000 RPM Rear PTO	53
Rear Wheel Weights—Plastic Shell	27	Lubricating	
Rear Weights for 3-Point Hitch	27	Front Wheel Spindles	54
Rear Weights for Tractor Without 3-Point Hitch	27	Brake Pedal Shaft	54
Using Front Weight	28	Power Steering Cylinder Ball Joint	54
Liquid Weight	28	Drive Shaft	55
Maximum Weights	29	Clean Engine Cooling Fins	57
Adjusting Rear Wheel Spacing	29	Changing Engine Oil Filter	57
Transporting	31	Cleaning and Gapping Spark Plugs	58
Fuels and Lubricants	32	Changing Transmission Oil and Filter	59
		Changing Air Cleaner Element	60
		Checking Battery Electrolyte Level	61
		Changing Fuel Filter	62
		Adjusting Seat	62
		Lubricating Ball Joints on Tractors With 3-Point Hitch	62

Continued on next page

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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Contents

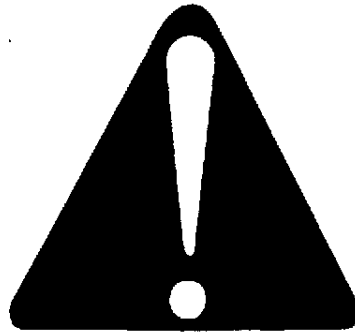
	Page
Replacing	
Headlight Bulbs	63
Taillight Bulb	63
Indicator Light Bulb	64
Lighting Circuit Fuse	65
Adjusting Transmission Shift Lever	65
Storage	66
Assembly	68
Specifications	72
Index	

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.



O53,ALERT -19-16JUN87

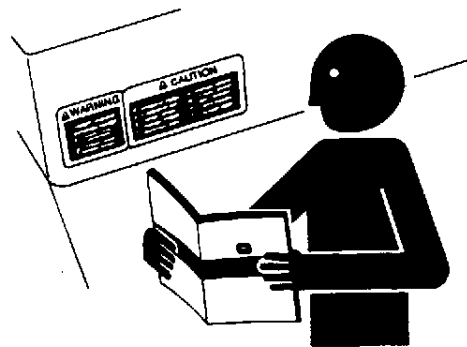
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FOLLOW SAFETY INSTRUCTIONS

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.

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.



O53,READ -19-23APR87

T5201 -UN-23AUG88

UNDERSTAND SIGNAL WORDS

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

Safety signs with signal word DANGER or WARNING are typically near specific hazards.

General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.



O53,SIGNAL -19-07OCT85

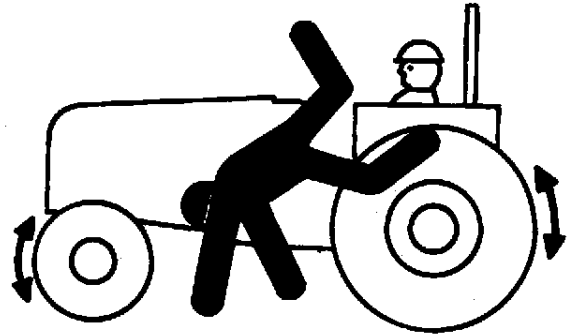
T5187 -19-30SEP88



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.



O53,RIDER -19-03MAY88

TS290 -UN-23AUG68

PROTECT CHILDREN

Keep children and others away when you operate machine.

BEFORE YOU BACK UP:

- Stop the PTO.
- Look behind tractor for children.

Do not let children operate tractor.

Never carry children. Do not let children ride on tractor, mower, or any attachment.



MX,SAS,O -19-12APR89

IM41274 -UN-06SEP88



AVOID TIPPING

Do not drive where machine could slip or tip.

Stay alert for holes, rocks, and roots in the terrain, and other hidden hazards. Keep away from drop-offs.

Slow down before you make a sharp turn.

Use care when pulling loads or using heavy equipment.

- Use only approved drawbar hitch points.
- Limit loads to those you can safely control.
- Use counterweights or wheel weights when suggested in this operator's manual.

Reduce speed and exercise extreme caution on slopes and in sharp turns to prevent tipping or loss of control. Be especially cautious when changing direction on slopes.

Do not stop or start suddenly when going uphill or downhill.

If machine stops going up hill.

- Stop the PTO.
- Back down slowly.



M41275 -UN-06SEP88

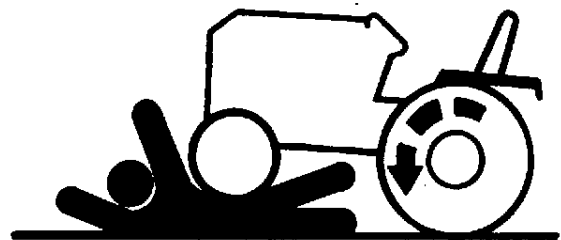
MX,SAS,B -19-12APR89

PARK TRACTOR SAFELY

To park tractor safely:

1. Move shift lever in "N" (Neutral) position.
2. Disengage PTO'S.
3. Lower equipment to the ground.
4. Engage park brake.
5. Stop the engine.
6. Remove key.

Before you leave the operator's seat, wait for engine and attachment parts to stop moving.



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MX,SAS,B1 -19-12APR89

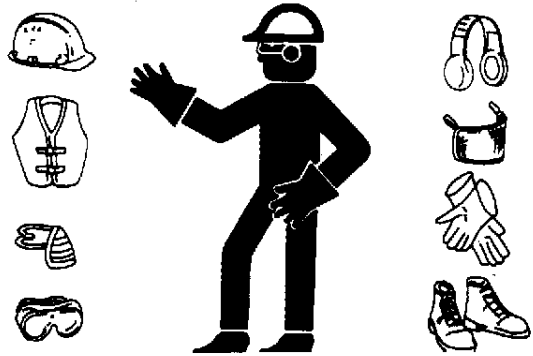


WEAR PROTECTIVE CLOTHING

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.



O53,WEAR -19-23APR87

TS206
-UN-23AUG88

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.



O53,FIRE1 -19-23APR87

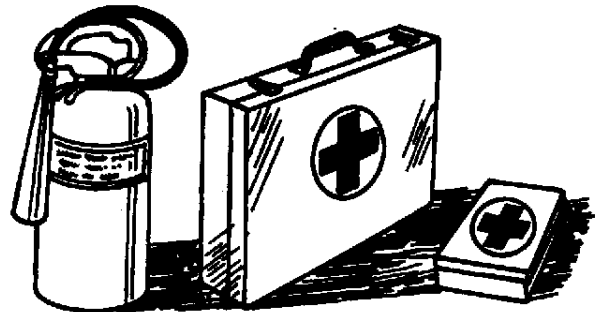
TS202
-UN-23AUG88

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.



O53,FIRE2 -19-03MAR88

TS291
-UN-23AUG88

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for your reading.**

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