LX172, LX176, LX178, and LX188 Lawn Tractors (Serial No. 040001—)

John Deere Horicon Works
OMM115211 Issue H2
(This manual replaces OMM115211 H1.)
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 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 Specifications 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. 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 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.

TIRE WARRANTY—John Deere warranty applies for tires available through the John Deere parts system. For tires not available through the John Deere parts system, the tire manufacturer's warranty applicable to your machine may not apply outside the U.S. (See your John Deere dealer for specific information).



Contents

Page	Page
Safety 1	Dismounting to Inspect or Unplug Mower 39
Controls	Mowing, Bagging, and Mulching 40
Operating the EngineChecking Engine Oil Level16Filling Fuel Tank17Starting Engine (LX172)17	Transporting
Starting Engine (LX176, LX178 and LX188) 19 Cold Weather Starting 21 Checking Indicator Lamps 21	Grease53Handle Fuel Safely—Avoid Fires54Before Refueling Tractor55Refueling Tractor Safely55Fuel Recommendations56
Warming and Idling Engine	Filling Fuel Tank
Driving the Tractor Adjusting Seat	Troubleshooting
Using Park Brake	Service John Deere Parts—Your Best Choice 62 Service Intervals 64
Using and Stopping Hydrostatic Transmission (LX176, LX178 and LX188)	Service—MiscellaneousChecking Tire Pressure65Testing Safety Systems65Adjusting Hood Latch68
Installing Tire Chains	Lubricating Wheel Spindles 68
Operating the Mower Avoid Injury From Rotating Blades	Service—Engine Checking Engine Oil Level
Mower	Air Cleaner Element
Adjusting Mower Level (Side-To-Side) 36 Adjusting Mower Level (Front-To-Rear) 37 Engaging Mower	Adjusting Carburetor Idle Mixture Screw (LX172 and LX176)
Using Correct Blades (38-Inch Mower) 39	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.

OMM115211 H2-19-29JUL92

COPYRIGHT® 1992
DEERE & COMPANY
Moline, Illinois
All rights reserved
A John Deere ILLUSTRUCTION™ Manual
Previous Editions
Copyright 1991, 1990 Deere & Company

Contents

F	Page		Page
Adjusting Carburetor Idle Mixture Screw (LX178 a LX188)		Attachments	109
Service—Electrical		Assembly	110
Charge The Battery Safely		Specifications	118
Charging Rates		Opecinications	110
Checking Spark Plug		Index	
Cleaning or Replacing Battery			
Using Booster Battery			
Replacing Fuses			
Replacing Headlight Bulb			
Replacing Indicator Light Bulb			
replacing majorior Light Balb	00		
Service—Transmission			
Checking Hydrostatic Transmission Oil			
Level (LX176, LX178 and LX188)	87		
Service—Cooling System			
Checking Coolant Level (LX178 and			
LX188)	88		
Draining Cooling System (LX178 and	00		
LX188)	88		
Flushing Cooling System (LX178 and LX188)	90		
Filling Cooling System (LX178 and	50		
LX188)	91		
,			
Service—Mower and Blades			
Lubricating Mower Blade Spindles			
(38-Inch)	92		
Lubricating Mower Blade Spindles			
(48-Inch)	92		
Lubricating Mower Rear Wheels (48-Inch)			
Cleaning or Replacing Mower Drive Belt Cleaning or Replacing Mower Deck Belt	93		
(38-Inch)	94		
Cleaning or Replacing Mower Deck Belt	0.		
(48-Inch)	95		
Checking Mower Blades	96		
Removing and Installing Mower Blades			
Sharpening Blades			
Balancing Blades	98		
Removing Mower	99		
Installing Mower	103		
Storage	106		

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.



-19-04JUN90

T81389

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.

A DANGER

A WARNING

ACAUTION

DX,SIGNAL

-19-09JAN92

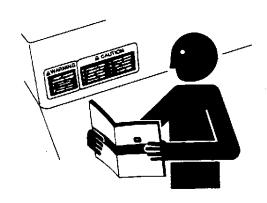
FOLLOW SAFETY INSTRUCTIONS

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.



-UN-23AUG88

DX,READ

Thank you so much for reading. Please click the "Buy Now!" button below to download the complete manual.



After you pay.

You can download the most perfect and complete manual in the world immediately.

Our support email: ebooklibonline@outlook.com