

3325 and 3365 Professional Turf Mower

For complete service information see:

Yanmar Engine Repair



John Deere Horicon Works
TM1427 (30MAR93)

LITHO IN U.S.A.
ENGLISH

Introduction

FOREWORD

This manual is written for an experienced technician. Essential tools required in performing certain service work are identified in this manual and are recommended for use.

Live with safety: Read the safety messages in the introduction of this manual and the cautions presented throughout the text of the manual.

N This is the safety-alert symbol. When you see this symbol on the machine or in this manual, be alert to the potential for personal injury.

Technical manuals are divided in two parts: repair and operation and tests. Repair sections tell how to repair the components. Operation and tests sections help you identify the majority of routine failures quickly.

Information is organized in groups for the various components requiring service instruction. At the beginning of each group are summary listings of all applicable essential tools, service equipment and tools, other materials needed to do the job, service parts kits, specifications, wear tolerances, and torque values.

Technical Manuals are concise guides for specific machines. They are on-the-job guides containing only the vital information needed for diagnosis, analysis, testing, and repair.

Fundamental service information is available from other sources covering basic theory of operation, fundamentals of troubleshooting, general maintenance, and basic type of failures and their causes.

Contents

SECTION 10—GENERAL INFORMATION

- Group 05—Safety
- Group 10—General Specifications
- Group 15—Repair Information
- Group 20—Fuel and Lubricants
- Group 25—Serial Numbers

SECTION 20—ENGINE REPAIR

- Group 05—Engine Removal and Installation
- Group 10—Muffler
- Group 15—Cooling System

SECTION 30—FUEL AND AIR REPAIR

- Group 05—Fuel System
- Group 10—Air System

SECTION 40—ELECTRICAL REPAIR

- Group 05—Batteries and Cables
- Group 10—Electrical System Components
- Group 15—Wiring Harness

SECTION 50—POWER TRAIN REPAIR

- Group 05—Hydrostatic Transmission
- Group 10—Transaxle
- Group 15—Final Drives
- Group 20—Control Linkage

SECTION 60—STEERING AND BRAKE REPAIR

- Group 05—Steering System Repair
- Group 10—Brake Repair
- Group 15—Rear Axle

SECTION 70—HYDRAULIC REPAIR

- Group 05—Hydraulic Pumps
- Group 10—Hydraulic Control Valves
- Group 15—Weight Transfer System
- Group 20—Hydraulic Cylinders
- Group 25—Rockshaft Assembly
- Group 30—Hydraulic System

SECTION 80—MISCELLANEOUS REPAIR

- Group 05—Cutting Units
- Group 10—Operator Seat Assembly

SECTION 210—OPERATIONAL CHECKOUT PROCEDURE

- Group 05—Test and Adjustment Specifications
- Group 10—Operational Checkout Procedures

SECTION 220—Engine Operation, Tests and Adjustments

- Group 05—Component Location
- Group 10—Theory of Operation
- Group 15—Diagnosis, Tests, & Adjustments

SECTION 230—FUEL/AIR OPERATION, TESTS AND ADJUSTMENTS

- Group 05—Component Location
- Group 10—Theory of Operation
- Group 15—Diagnosis, Tests & Adjustments

SECTION 240—ELECTRICAL OPERATION, TESTS AND ADJUSTMENTS

- Group 05—Component Location
- Group 10—Theory of Operation
- Group 15—Diagnosis Tests and Adjustments
- Group 20—Wiring Schematics

SECTION 250—POWER TRAIN OPERATION, TESTS AND ADJUSTMENTS

- Group 05—Component Locations
- Group 10—Theory of Operation
- Group 15—Diagnosis, Tests, & Adjustments
- Group 20—Hydraulic/Hydrostatic Schematic

SECTION 260—STEERING/BRAKES OPERATION, TESTS, & ADJUSTMENTS

- Group 05—Component Location
- Group 10—Theory of Operation
- Group 15—Diagnosis, Tests & Adjustments
- Group 20—Steering Schematic

SECTION 270—HYDRAULIC SYSTEM OPERATION, TESTS AND ADJUSTMENTS

- Group 05—Component Location
- Group 10—Theory of Operation

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.

TM1427-19-30MAR93

COPYRIGHT© 1993
DEERE & COMPANY
Moline, Illinois
All rights reserved
A John Deere ILLUSTRATION™ Manual
Previous Editions
Copyright 1991 Deere & Company

Group 15—Diagnosis, Tests & Adjustments
Group 20—Hydraulic Schematics

Index

10

20

30

40

50

60

70

80

210

220

230

240

250

260

270

INDX



Thank you very much
for your reading.
Please click here
to get more information.