3100, 3200, 3200 X, 3300, 3300 X, 3400 and 3400 X Tractors

For complete service information also see:



DCEO-Mannheim TM4525 (23JAN01)

Printed in Germany
ANGLAIS

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.



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.

This technical manual is divided into sections corresponding to the principle functions of the machine. The sections are subdivided into groups dealing with 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

-19-01NOV95

FD,TMIFC

Contents

SECTION 05—SAFETY

Group 05—Safety Precautions

SECTION 10—GENERAL INFORMATION

Group 05—Specifications

Group 10—Lubricants, Hydraulic Oil, Brake Fluid and Coolant

Group 15—Check and Adjustments

Group 20—Predelivery Inspection

SECTION 20—ENGINE

Group 00—Removal and Installation

SECTION 30—FUEL, AIR INTAKE AND COOLING SYSTEMS

Group 05-Coolant Pump Drive

SECTION 40—ELECTRICAL SYSTEM

Group 05—General Information

Group 10—Fuses and Connectors, Standard Tractors

Group 10A—Fuses and Connectors, Version "X"

Group 15—Wiring Diagrams and Component Location, Standard Tractors

Group 15A—Wiring Diagrams and Component Location, Version "X"

Group 20—Checking on Circuits, Standard Tractors

Group 20A-Checking on Circuits, Version "X"

Group 25—Component Check

Group 30A—Troubleshooting — Version "X"

SECTION 50—CLUTCH AND GEAR TRANSMISSION

Group 00-Access to Components

Group 05—Clutch Controls (Vehicle and PTO)

Group 10-Vehicle Clutch and PTO Clutch

Group 15—Transmission Controls

Group 20—Gear Transmission — Method of Operation

Group 25—Gear Transmission (Without Twinshift)

Group 30-Twinshift Unit

SECTION 56—DRIVE SYSTEMS

Group 00—Removal and Installation

Group 05—Differential and Differential Housing

Group 10-Final Drives

Group 15—Rear PTO

Group 20—Front PTO

Group 25—Front-Wheel Drive Clutch

SECTION 60—STEERING AND BRAKES

Group 00—Removing and Installing Components

Group 05—Hydrostatic Steering

Group 10—Brake Controls — Standard Tractors

Group 10A—Brake Controls — Version "X"

Group 15—Foot Brakes and Handbrake

Group 20—Hydraulic Trailer Brake

SECTION 70—HYDRAULIC SYSTEM

Group 00—Removing and Installing Components

Group 05—Description and Operation

Group 10—Checks and Adjustments

Group 15-Valves and Filters

Group 20—Selective Control Valves

Group 25—Pressure Outlets and Connectors

Group 30—Rockshaft Operation

Group 30A—Disassembling and Assembling Rockshaft

SECTION 90—OPERATOR'S CAB

Group 00—Removing and Installing the Cab — Standard Tractors

Group 00A—Removing and Installing the Cab — Version "X"

Group 05A-Instrument Unit on Version "X"

Group 10—Heating and Ventilation

Index

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.

TM4525-19-23JAN01

COPYRIGHT® 1996
DEERE & COMPANY
European Office Mannheim
All rights reserved
A John Deere ILLUSTRUCTION® Manual

Contents

Secti	ion	05
SA	FΕ	TY

Contents

Page

Group 05—Safety Precautions 05-05-1



Thank you very much for your reading.

Please click here to get more information.