

John Deere Agriculture

7200 and 7400 Tractors
**DIAGNOSIS AND TESTS SERVICE
MANUAL**
7200, 7400



tm1552, April 2008



Table of contents

FOREWORD

Section 205 - SAFETY INFORMATION

Group 05 - Safety

Section 210 - GENERAL INFORMATION

Group 05 - Operational Checkout

Group 10 - General Reference Information

Group 15 - Test Equipment Calibration

Section 211 - DIAGNOSTIC SERVICE CODES

Group 05 - CCU

Group 10 - HCU

Group 15 - LHP

Section 212 - OBSERVABLE SYMPTOMS

Group 10 - Brakes

Group 20 - Hitch

Group 30 - Operator Station

Group 70 - Hydraulics

Section 220 - ENGINE

Group 05 - General Information

Section 230 - FUEL, AIR INTAKE AND ENGINE COOLING SYSTEMS

Group 20 - Fuel/Air/Cooling System Theory of Operation

Section 240 - ELECTRICAL SYSTEM

Group 04 - Diagnostic Codes and Addresses

Group 05 - Electrical System Information

Group 10 - System Diagrams

Group 15 - Sub-System Diagnostics

Group 20 - Calibration and References

Section 250 - TRANSMISSIONS

Group 05 - Operational Checks

Group 10 - PowrQuad PowrQuad is a trademark of Deere & Company. Diagnosis

Group 10A - SyncroPlus SyncroPlus is a trademark of Deere & Company. Diagnosis

Group 20 - PowrQuad PowrQuad is a trademark of Deere & Company. Theory of Operation

Group 20A - SyncroPlus SyncroPlus is a trademark of Deere & Company. Theory of Operation

Section 256 - DRIVE SYSTEMS

Group 05 - Operational Checks

Group 10 - Drive System Diagnosis

Group 20 - Adjustments

Group 25 - Theory of Operation

Section 260 - STEERING AND BRAKES

Group 15 - Tests and Adjustments

Group 20 - Steering and Brakes Theory of Operation

Section 270 - HYDRAULIC SYSTEM

Group 05 - Operational Checks

Group 10 - Hydraulic System Diagnosis

Group 15 - Calibration and Adjustments

Group 20 - Theory of Operation

Section 290 - OPERATOR STATION

Group 05 - Air Conditioning Operational Checks

Group 10 - Air Conditioning System Diagnosis

Group 25 - Air Conditioning Theory of Operation
Section 299 - DEALER FABRICATED TOOLS
Group 05 - Dealer Fabricated Tools

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.

CAUTION:

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.



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