

X500, X520, X530, X534 & X540 Select Series Tractors Diagnostic and Repair



TECHNICAL MANUAL

Select Series Tractors models X500, X520, X534, X540, X530

TM2309 28 JAN 16 (ENGLISH)



Table of contents

FOREWORD

Section 10 - SAFETY

Group 05 - Safety

Section 20 - SPECIFICATIONS

Group 05 - General Specifications

Group 10 - O-Ring Seal Service Recommendations

Group 15 - Fuels and Lubricants

Group 20 - Serial Number Locations

Section 30 - ENGINE (FH721V)

Group 05 - Specifications

Group 10 - Tools and Materials

Group 15 - Component Location

Group 20 - Theory of Operation

Group 25 - Diagnostics

Group 30 - General Information

Group 35 - Tests and Adjustments

Group 40 - Repair

Section 30A - ENGINE (FD731V)

Group 05 - Specifications

Group 10 - Tools and Materials

Group 15 - Component Location

Group 20 - Theory of Operation

Group 25 - Diagnostics

Group 30 - General Information

Group 35 - Tests and Adjustments

Group 40 - Repair

Section 30B - ENGINE (FS730V)

Group 05 - Specifications (FS730V)

Group 10 - Tools and Materials

Group 15 - Component Location

Group 20 - Theory of Operation

Group 25 - Diagnostics

Group 30 - General Information

Group 35 - Tests and Adjustments

Group 40 - Repair

Section 40 - ELECTRICAL

Group 05 - Information

Group 10 - Specifications

Group 15 - Schematics and Harnesses (SN -20000)

Group 20 - Theory of Operation (SN -20000)

Group 25 - Schematics and Harnesses (SN 20001-50000)

Group 30 - Theory of Operation (SN 20001-50000)

Group 35 - Schematics and Harnesses (SN 50001-90000)

Group 40 - Theory of Operation (SN 50001-90000)

Group 45 - Schematics and Harnesses (SN 90001-)

Group 50 - Theory of Operation (SN 90001-)

Group 80 - Tests and Adjustments

Section 50 - POWER TRAIN

Group 05 - Specifications

Group 10 - Component Location

Group 15 - Theory of Operation

Group 20 - Diagnostics

Group 25 - Tests and Adjustments

Group 30 - Repair

Section 60 - HYDRAULICS

Group 05 - Specifications

Group 10 - Component Location

Group 15 - Theory of Operation

Group 20 - Diagnostics

Group 25 - Tests and Adjustments

Group 30 - Repair

Section 70 - STEERING

Group 05 - Specifications

Group 10 - Component Location

Group 15 - Theory of Operation

Group 20 - Tests and Adjustments

Group 25 - Repair

Section 80 - ATTACHMENTS

Group 05 - Specifications

Group 10 - Component Location

Group 15 - Diagnostics

Group 20 - Tests and Adjustments

Group 25 - Repair

Section 90 - MISCELLANEOUS

Group 05 - Specifications

Group 10 - Tests and Adjustments

Group 15 - Repair

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.