

6020 to 6920S Tractors and SE Tractors Diagnostics

TECHNICAL MANUAL 6020 to 6920S Tractors and SE Tractors Diagnostics TM4726 01NOV03 (ENGLISCH)

For complete service information also see:

6020 to 6920S Tractors and SE Tractors Operation and Tests	TM4741
6020 to 6620 Tractors and SE Tractors Repair	TM4750
Tractors 6820, 6920 and 6920S Repair	TM4750
Front Wheel Drive Axles - AS Series	CTM104
Front Wheel Drive Axles (700 Series) POWERTECH® Diesel Engines	CTM207
Mechanical Fuel Injection Systems	CTM170
Electronic Fuel Injection Systems (Level 4)	CTM284
Electronic Fuel Injection Systems (Level 1)	CTM220
Electronic Fuel Injection Systems (Level 11)	CTM331
Electronic Fuel Injection Systems (Level 12)	CTM77
Alternators and Starting Motors (available in English only)	

PDF



DOWNLOAD



John Deere Werke Mannheim
European Version
Printed in Germany

Introduction

Foreword

This diagnostics manual is valid for the following tractor types:

6020, 6120, 6220, 6320, 6420, 6420S, 6520, 6620, 6820, 6920 and 6920S.

SE tractors: 6020, 6120, 6220, 6320, 6420 and 6520.

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.

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.

LX24888,0000410 -19-01OCT02-1/1

Contents

SECTION 210—GENERAL INFORMATION

Group 05—Safety Information

210

SECTION 211—DIAGNOSTIC TROUBLE CODES

Group ATC—ATC Diagnostic Trouble Codes
Group BCU—BCU Diagnostic Trouble Codes
Group BIF—BIF Diagnostic Trouble Codes
Group ECU—ECU Diagnostic Trouble Codes
Group EPC—EPC Diagnostic Trouble Codes
Group JDL—JDL Diagnostic Trouble Codes
Group PLC—PLC Diagnostic Trouble Codes
Group PRF—PRF Diagnostic Trouble Codes
Group SFA—SFA Diagnostic Trouble Codes
Group SIC—SIC Diagnostic Trouble Codes
Group SSU—SSU Diagnostic Trouble Codes
Group TCU—TCU Diagnostic Trouble Codes
Group TEC—TEC Diagnostic Trouble Codes
Group UIC—UIC Diagnostic Trouble Codes

211

212

213

SECTION 212—OBSERVABLE SYMPTOMS

Group 20—Engine
Group 40—Electrical System
Group 50—SyncroPlus Transmission
Group 51—Power Reverser Transmission
Group 53—AutoPowr/IVT Transmission
Group 55—PowrQuad, PowrQuad Plus and
AutoQuad Transmissions
Group 56—Drive Systems
Group 60—Steering and Brakes
Group 70—Hydraulic System
Group 90—Operator's Cab

INDX

SECTION 213—SYSTEM DIAGNOSTICS

Group 45—Electronics

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.

COPYRIGHT © 2003
DEERE & COMPANY
European Office Mannheim
All rights reserved
A John Deere ILLUSTRATION® Manual
Previous Editions
Copyright © 2002, 2001

210

211

212

213

INDX

Section 210

GENERAL INFORMATION

Contents

Page

Group 05—Safety Information

Recognize Safety Information	210-05-1
“Important” - Information	210-05-1
“Note” - Information	210-05-1
Prevent Machine Runaway	210-05-1
Handle Fluids Safely—Avoid Fires	210-05-2
Prevent Battery Explosions	210-05-2
Prepare for Emergencies.	210-05-2
Prevent Acid Burns	210-05-3
Avoid High-Pressure Fluids	210-05-4
Service Cooling System Safely	210-05-4
Remove Paint Before Welding or Heating	210-05-5
Avoid Heating Near Pressurized Fluid Lines	210-05-5
Work In Ventilated Area	210-05-6
Wear Protective Clothing	210-05-6
Practice Safe Maintenance	210-05-7
Park Machine Safely	210-05-7
Use Proper Lifting Equipment	210-05-8
Construct Dealer-Made Tools Safely	210-05-8
Support Machine Properly	210-05-8
Work in Clean Area	210-05-9
Illuminate Work Area Safely	210-05-9
Service Machines Safely	210-05-9
Use Proper Tools	210-05-10
Service Tires Safely	210-05-10
Service Front-Wheel Drive Tractor Safely	210-05-11
Safety Information - Air Brake System	210-05-11
Avoid Eye Contact With Radar	210-05-12
Keep ROPS Installed Properly	210-05-12
Replace Safety Signs	210-05-12
Dispose of Waste Properly	210-05-13
Live With Safety	210-05-13
Safety Measures on Electronic Control Units	210-05-14



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