

# 1760, 1760NT, 1770 Drawn Planters - Diagnostic and Repair



JOHN HARE



COLLECTION

## TECHNICAL MANUAL

**Planters models 1760 8RN, 8R1, 12RN; 1760NT 6RN, 8RN; 1770 12RN**

**TM1583 06 SEP 14 (ENGLISH)**

**For complete service information also see:**

Generation 2 & Variable Rate Fertilizer	TM2099
SeedStar Monitoring System and Variable Rate Drive	TM1601
MaxEmerge 5 & ExactEmerge Row Unit Repair	TM131219
Planter Monitoring Systems	TM1270
Alternators and Starting Motors	CTM77
Machine Connection Information	
100 Series Hydraulic Cylinders	



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## Table of contents

### **FOREWORD**

#### **Section 10 - SAFETY AND GENERAL INFORMATION**

- Group 05 - Safety
- Group 10 - Lubricants
- Group 15 - General Information

#### **Section 20 - WELDING**

- Group 05 - Repair and Welding

#### **Section 30 - PLANTING UNITS**

- Group 05 - Vacuum Seed Metering Mechanisms
- Group 10 - Plateless Seed Meter Mechanism
- Group 15 - Vacuum Manifold System
- Group 20 - Seed Openers
- Group 25 - Closing Wheels
- Group 30 - Insecticide/Herbicide Meter
- Group 35 - Coulter
- Group 40 - Pneumatic Down Force
- Group 45 - Troubleshooting

#### **Section 40 - ELECTRICAL**

- Group 05 - Specifications
- Group 10 - Harness Repair
- Group 15 - Half Width Disconnect
- Group 20 - Lighting repair

#### **Section 50 - DRIVES**

- Group 05 - Transmissions and Drives
- Group 10 - Half Width Disconnect
- Group 15 - Dry Fertilizer—1770 Only
- Group 20 - Liquid Fertilizer
- Group 25 - Variable Rate Drive

#### **Section 60 - WHEEL MODULES AND TIRES**

- Group 05 - Wheel Module Repair

#### **Section 70 - HYDRAULICS**

- Group 05 - Vacuum Meter
- Group 10 - Cylinders
- Group 15 - Valve Repair
- Group 20 - PTO Pump
- Group 25 - 60 Seed Cart

#### **Section 240 - ELECTRICAL OPERATION AND TESTS**

- Group 05 - General Information
- Group 10 - System Schematics
- Group 15 - System Diagnosis and Tests

#### **Section 270 - HYDRAULIC SYSTEM OPERATION AND TESTS**

- Group 05 - General Information
- Group 10 - Hydraulic Troubleshooting
- Group 15 - Marker Valve Operation
- Group 20 - 1760 Theory of Operation
- Group 25 - 1760NT Operation
- Group 30 - 1770 Operation



## 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:**

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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 diagnostics. Repair sections tell how to repair the components. Diagnostic 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.

This manual is part of a total product support program.

#### **FOS MANUALS—REFERENCE**

#### **TECHNICAL MANUALS—MACHINE SERVICE**

#### **COMPONENT MANUALS—COMPONENT SERVICE**

Fundamentals of Service (FOS) Manuals cover basic theory of operation, fundamentals of troubleshooting, general maintenance, and basic type of failures and their causes. FOS Manuals are for training new personnel and for reference by experienced technicians.

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

## Section 10 - SAFETY AND GENERAL INFORMATION

### Table of contents

<b>Group 05 - Safety</b> .....	1
Recognize Safety Information .....	1
Understand Signal Words .....	1
Follow Safety Instructions .....	1
Handle Fluids Safely—Avoid Fires .....	2
Prevent Battery Explosions .....	2
Prepare for Emergencies .....	3
Operate the Planter Safely .....	3
Keep Riders Off Machine .....	4
Prevent Machine Runaway .....	4
Prevent Acid Burns .....	6
Transport Safely .....	6
Use Safety Lights and Devices .....	7
Use a Safety Chain .....	7
Avoid High-Pressure Fluids .....	8
Park Machine Safely .....	8
Free Dry Fertilizer Augers Safely .....	9
Handle Chemical Products Safely .....	9
Support Machine Properly .....	10
Wear Protective Clothing .....	11
Service Machines Safely .....	11
Work In Ventilated Area .....	11
Remove Paint Before Welding or Heating .....	12
Illuminate Work Area Safely .....	12
Avoid Heating Near Pressurized Fluid Lines .....	14
Replace Safety Signs .....	14
Use Proper Lifting Equipment .....	14
Service Tires Safely .....	15
Work in Clean Area .....	15
Practice Safe Maintenance .....	17
Perform Service Safely .....	17
Use Proper Tools .....	18
Dispose of Waste Properly .....	18
Store Attachments Safely .....	19
Use Adequate Service Facilities .....	19
Insecticide and/or Herbicide Hoppers Lid Fill Closed Handling System .....	20
Observe Environmental Protection Regulations .....	20
Live With Safety .....	20
<b>Group 10 - Lubricants</b> .....	21
Grease .....	21
Gear Oil .....	22
Alternative and Synthetic Lubricants .....	22
Lubricant for Finger Pickup Meters .....	22
Lubricant for Radial Bean Meter Only .....	23
Special Lubricants for Vacuum Seed Meters .....	24
Lubricant Storage .....	24
<b>Group 15 - General Information</b> .....	25
Unified Inch Bolt and Screw Torque Values .....	25
Metric Bolt and Screw Torque Values .....	26
O-Ring Boss Fitting Torque Chart .....	27



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