1700 Series
Drawn and Integral
Planters
(S.N. XXXXXX—740100)
Repair

TECHNICAL MANUAL
1700 Series
Drawn and Integral
TM1721 14JUL22  (ENGLISH)

For complete service information also see:

150, 250, 350 [350010001—], 450
[450010001—]ComputerTrak™ Monitors ........... TM2064
SeedStar™ Seed Monitoring System and
Variable Rate Drive ..................................... TM1601
SeedStar™ Generation 2 and Variable Rate
Fertilizer ............................................. TM2099
100 Series Hydraulic Cylinders ..................... CTM103519
17 Series Twin Row Planters Diagnosis and
Test .................................................. TM11319
Seeding Equipment Hydraulic Compatibility
Guide .................................................. DS0628
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.

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.
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Original Instructions. 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.

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A John Deere ILLUSTRATION™ Manual
Previous Editions

TM1721 (14JUL22) i
1700 Series Planters Diagnosis and Repair
PN=1
### Section 10 — General

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