

CH570 & CH670 Sugar Cane Harvester Diagnostic

Track and Wheel Machines
(With Stage 2 or 3 Engine)



JOHN HARE



COLLECTION

DIAGNOSTIC TECHNICAL MANUAL CH570 & CH670 Sugar Cane Harvester

TM155019 01DEC18 (ENGLISH)



John Deere Thibodaux

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.

DX, TMIFC-19-20140415

<p>Section 210 - General Information Group 05A - Safety Group 05B - General References Group 05C - References for Technical Information</p> <p>Section 211 - Diagnostic Trouble Codes (DTC) Group ATC - Automatic Temperature Control Unit (ATC) Diagnostic Trouble Codes Group CAB - Cab Control Unit (CAB) Diagnostic Trouble Codes Group CSM - Cab Switch Module (CSM) Diagnostic Trouble Codes Group CYM - Cane Yield Monitor (CYM) Diagnostic Trouble Codes Group ECU14 - Engine Control Unit (ECU) - Level 14 Diagnostic Trouble Codes Group EIC - Engine Interface Control Unit (EIC) Diagnostic Trouble Codes Group FCU - Front Control Unit (FCU) Diagnostic Trouble Codes Group IHU - Improved Height Control Unit (IHU) Diagnostic Trouble Codes Group MHC - Multi - Function Control Handle (MHC) Diagnostic Trouble Codes Group PDU - Primary Display Unit (PDU) Diagnostic Trouble Codes Group PSC - Propulsion and Steering Control Unit (PSC) Diagnostic Trouble Codes Group PTP - Power Control Unit (PTP) Diagnostic Trouble Codes Group RCU - Rear Control Unit (RCU) Diagnostic Trouble Codes Group SCL - Steering Column Control Unit (SCL) Diagnostic Trouble Codes Group 100 - AutoTrac Exit Codes</p> <p>Section 212 - Observable Symptom and System Diagnostics Group 20 - Engine Systems Group 30 - Fuel, Air Intake, Exhaust and Cooling Systems Group 40 - Electrical or Electrohydraulic Systems Group 45 - Electronic Control Units Group 50 - Drivetrain Group 60 - Steering and Brakes Group 70 - Hydraulics Group 90 - Cab</p> <p>Section 220 - Engine Group 05 - General Information Group 20 - Theory of Operation Group 30 - Schematics Group 50 - Tests and Adjustments</p> <p>Section 230 - Fuel, Air Intake, Exhaust and Cooling Group 05 - General Information Group 10 - Operational and Preliminary Checks Group 20 - Theory of Operation Group 50 - Tests and Adjustments</p> <p>Section 240 - Electrical System Group 05 - General Information</p>	<p>Group 10 - Operational and Preliminary Checks Group 20A - Power Distribution Theory of Operation Group 20B - Lighting Theory of Operation Group 20C - Cab Electrical Theory of Electrical Operation Group 20D - Engine Electrical Theory of Operation Group 20E - Transmission and Drive Systems Electrical Theory of Operation Group 20F - Electro - Hydraulic Systems Electrical Theory of Operation Group 20G - CAN Bus Systems Theory of Operation Group 20H - Material Handling Theory of Operation Group 30 - Functional Schematics Group 30A - Power Distribution Schematics Group 30B - Lighting Schematics Group 30C - Cab Electrical Schematics Group 30D - Engine Electrical Schematics Group 30E - Transmission and Drive Systems Electrical Schematics Group 30F - Electro - Hydraulic Systems Electrical Schematics Group 30G - CAN Bus Systems Schematic Group 30H - Material Handling Schematic Group 50A - Power Distribution Diagnostic Procedures Group 50B - Lighting Diagnostic Procedures Group 50C - Cab Electrical Diagnostic Procedures Group 50D - Engine Electrical Diagnostic Procedures Group 50E - Transmission and Drive Systems Electrical Diagnostic Procedures Group 50F - Electro - Hydraulic Systems Electrical Diagnostic Procedures Group 50G - CAN Bus Systems Diagnostic Procedures Group 50H - Material Handling Diagnostic Procedures</p> <p>Section 245 - Electronic Control Units Group 05 - General Information Group 10A - Accessing Diagnostic Trouble Codes and Addresses Group 10B - Diagnostic Readings Group 10C - Programming Control Units Group 10D - Interactive Tests and Calibrations Group 20 - Theory of Operation Group 30 - Schematics Group 50 - Tests and Adjustments Group ATC - Automatic Temperature Control Unit Software Addresses (ATC) Group CAB - Cab Control Unit Software Addresses (CAB) Group CSM - Cab Switch Module Software Addresses (CSM) Group CYM - Cane Yield Monitor (CYM) Group ECU - Engine Control Unit Software Addresses (ECU) Group EIC - Engine Interface Control Unit Software Addresses (EIC) Group FCU - Front Control Unit Software Addresses (FCU) Group IHU - Improved Height Control Unit Software</p>
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Addresses (IHU)

Group MHC - Multi - Function Handle Control Unit

Software Addresses (MHC)

Group PDU - Primary Display Unit Software Addresses (PDU)

Group PSC - Propulsion and Steering Control Unit Software Addresses (PSC)

Group PTP - Propulsion Control Unit Software Addresses (PTP)

Group RCU - Rear Control Unit Software Addresses (RCU)

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General Information

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