

John Deere HarvestLab 3000 Stationary and on 70X0/8000 Series Self-Propelled Forage Harvesters Technical Manual (TM137019)

HarvestLab™ 3000
Stationary /
HarvestLab™ 3000 on
70X0 Series and 8000
Series Self-Propelled
Forage Harvesters



JOHN HARE



COLLECTION

TECHNICAL MANUAL

HarvestLab™ 3000 Stationary / HarvestLab™ 3000
on 70X0 Series and 8000 Series Self-Propelled
Forage Harvesters

TM137019 01DEC18 (ENGLISH)



John Deere Ag Management
Solutions

Covers: 3000

Type: Service Manual

Language: English

Pages: 169

Format: PDF

Features: Bookmarked, searchable, printable

Compatibility: Windows/Mac/Tablet/Mobile

This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere HarvestLab 3000 Stationary and on 70X0/8000 Series Self-Propelled Forage Harvesters Technical Manual (TM137019)**

In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

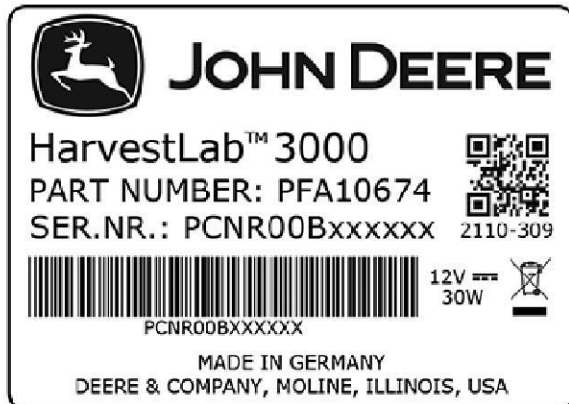
Contents:

- General Information
- Specifications
- Serial Number Location
- Engine Specifications
- Engine Diagnostics
- Engine Tests and Adjustments
- Engine Repair
- Power Train
- Transmission
- Axles
- Differential
- PTO
- Hydraulic System
- Electrical System
- Electrical Tests and Diagnostics
- Wiring Diagram / Schematic
- Ignition and Charging
- Steering
- Brakes
- Wheels
- Operator's Platform
- Body Panels
- Disassembly and Assembly
- Diagnostics, Tests and Adjustments
- Troubleshooting
- and much more...

Please note this manual is in **downloadable PDF format only**. If you have any questions about this product or would like to request sample pages, please contact us and reference the product name or SKU.

References for Technical Information

Serial Number Label



PC23936-UN: Sensor Label

HarvestLab™ components have identification labels. The letters and numbers on these labels identify a component or assembly. All characters are needed when ordering parts or identifying the system or component for any John Deere™ product support program. If stolen, these characters are required for law enforcement to trace your system.

HarvestLab is a trademark of Deere & Company
John Deere is a trademark of Deere & Company

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HarvestLab™ 3000 Serial Number Label



PC24175-UN: EAC Label



PC24176-UN: EAC Label

LEGEND:

A-EAC Label

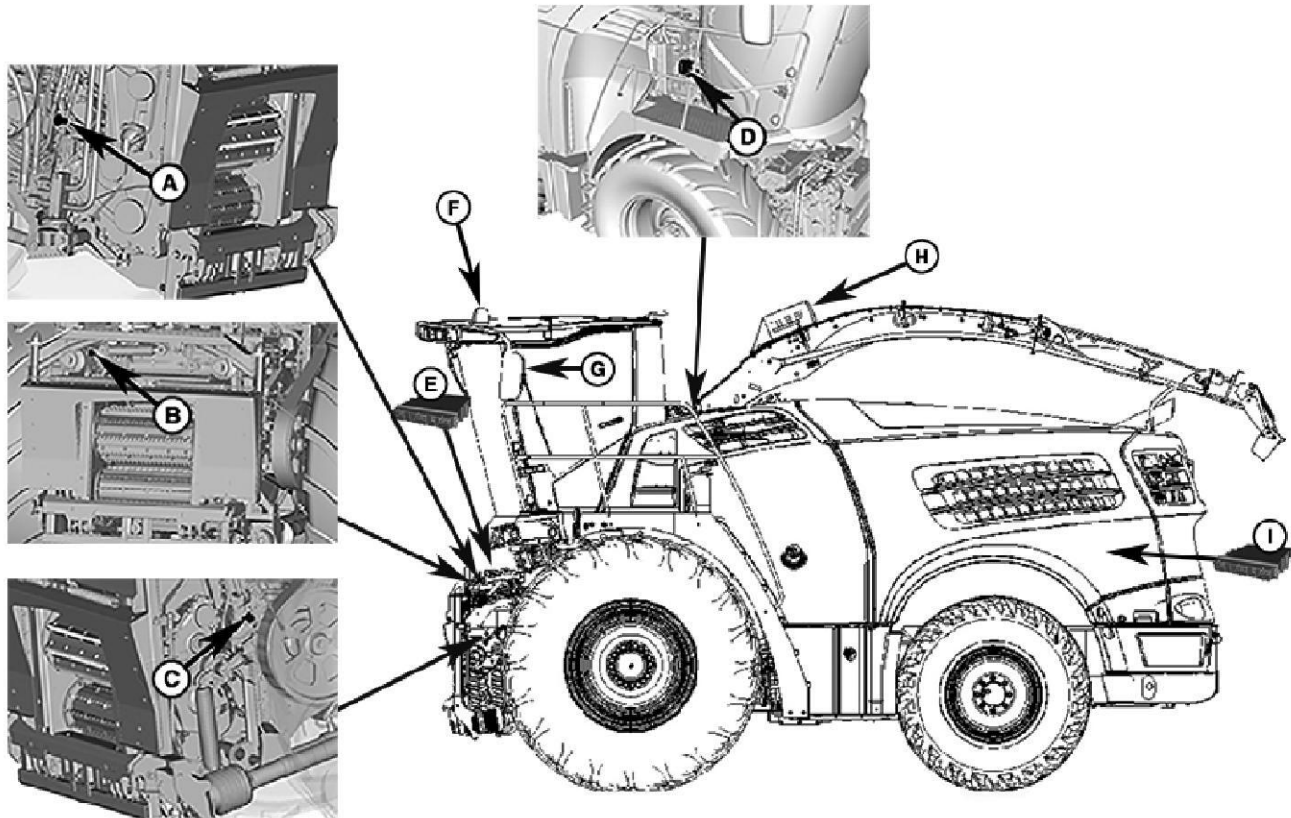
The HarvestLab™ 3000 sensor.

HarvestLab is a trademark of Deere & Company

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HarvestLab™ 3000 Utilized on 8000 Series SPFH Components

Mass Flow Sensor (right feedrolls)
 Feedroll Speed Sensor
 Mass Flow Sensor (left feedrolls)
 Chassis Control Unit (FH2)
 Cutterhead Control Unit (CHC)
 2630 Display
 HarvestLab™ 3000 Sensor



PC24366-UN: 8000 Series SPFH

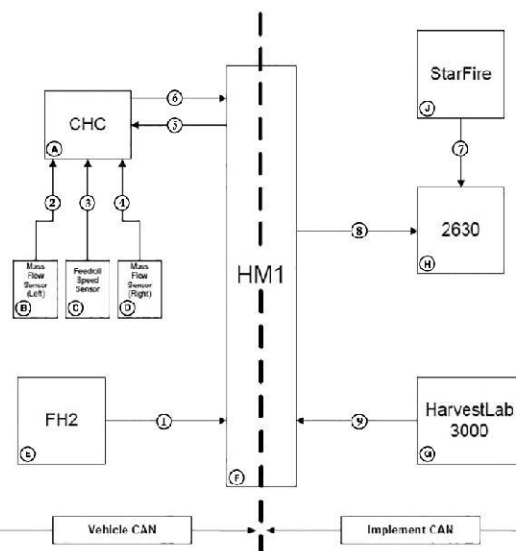
LEGEND:

A-Mass Flow Sensor (right feedrolls)
B-Feedroll Speed Sensor
C-Mass Flow Sensor (left feedrolls)

D-Chassis Control Unit (FH2)
E-Cutterhead Control Unit (CHC)
F-StarFire™ Receiver

G-2630 Display
H-HarvestLab™ 3000 Sensor
I-HM1 Controller

Controller Diagram:



PC2439E-UN: Controllers

LEGEND:

A-Cutterhead Control Unit (CHC)
B-Left Mass Flow Sensor
C-Feedroll Speed Sensor
D-Right Mass Flow Sensor
E-Chassis Control Unit (FH2)
F-Harvest Monitor Control Unit (HM1)
G-HarvestLab™ 3000 Sensor
H-2630 Display
I-StarFire™ Receiver
J-Header Width in Use / Number of Rows / Row Spacing
K-Measure distance between upper and lower feedroll
L-Measure speed of feedroll
M-Measure distance between upper and lower feedroll
N-Mass Flow (kg/s) / Feedroll engaged
O-Moisture
P-GPS position / GPS speed
Q-Moisture & Constituents / Header width in use / Mass Flow (kg/s) / Recording start/stop message
R-Moisture & Constituents

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