

John Deere Tractor 6090MC, 6100MC, 6110MC, 6090RC, 6100RC,6110RC Service Repair Technical Manual TM406619

890 Auger & Specialty
Crop Platforms - Repair



TECHNICAL MANUAL

890 Auger & Specialty Crop Platform

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TM1632

Covers: 6110RC,6100RC,6090RC,6110MC,6100MC,6090MC

Type: Service Manual

Language: English

Pages: 1434

Format: PDF

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Compatibility: Windows/Mac/Tablet/Mobile

This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere Tractor 6090MC, 6100MC, 6110MC, 6090RC, 6100RC, 6110RC Service Repair Technical Manual TM406619**

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
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- Electrical Tests and Diagnostics
- Wiring Diagram / Schematic
- Ignition and Charging
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- 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.

Group 15 - General Information

890 Platforms



890 Auger Platform and 4890 Self-Propelled Windrower

The diagnostic and repair procedures in this manual will address the 890 Auger Platform unless the specific diagnostic or repair procedure differs on the 890 Specialty Crop Platform, then both procedures will be illustrated.

The John Deere 890 Auger Platform or 890 Specialty Crop Platform is operated on the 4890 Self-Propelled Windrower.

890 AUGER PLATFORM

- The platform comes in three sizes 14 foot, 16 foot and 18 foot and the guard angle can be adjusted from the operator's station on the windrower. A hydraulic motor, driven by a pump on the windrower, operates the 890 Auger Platform.
- The reel has five tooth bars, with bats, and moves the crop over the twin knife drive cutter bar.
- The crop is fed into the conditioner by twin augers. The conditioner uses two urethane or steel, cleated conditioner rolls to condition the hay.

The platform hydraulic drive is covered in technical manuals TM1617 and TM1781 for the 4890 Self-Propelled Windrower.

890 SPECIALTY CROP PLATFORM

- The platform comes in two sizes 14 foot, and 16 foot and the guard angle can be adjusted from the operator's station on the windrower. A hydraulic motor, driven by a pump on the windrower, operates the 890 Specialty Crop Auger Platform.
- The reel has five tooth bars, with bats, and moves the crop over the twin knife drive cutter bar.
- The crop is moved through the platform into the forming rods by a single top auger and two bottom augers.

Reel Drive

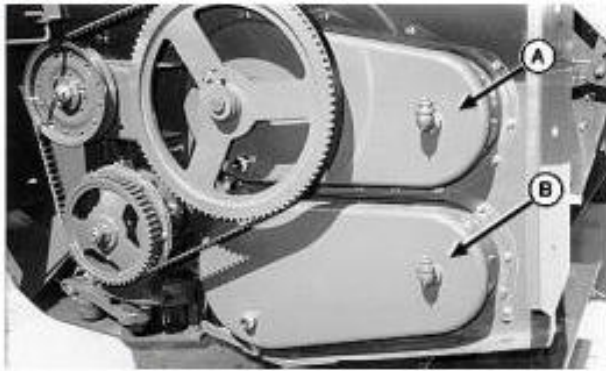
The platform is equipped with a mechanical or hydraulic reel drive.

- Mechanical reel drive is belt and chain driven and is controlled by the size of sprocket on the platform.
- Hydraulic reel drive is driven by a hydraulic motor and controlled from the operator's station.

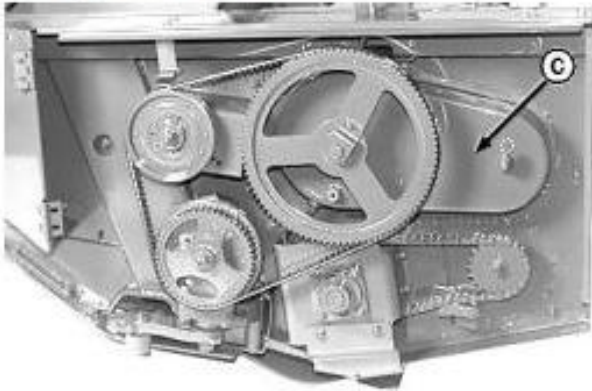
Platform Lift Lockout

Replace Left-Hand Upper or Lower Auger Drive Chain and Sprockets

- [1] -



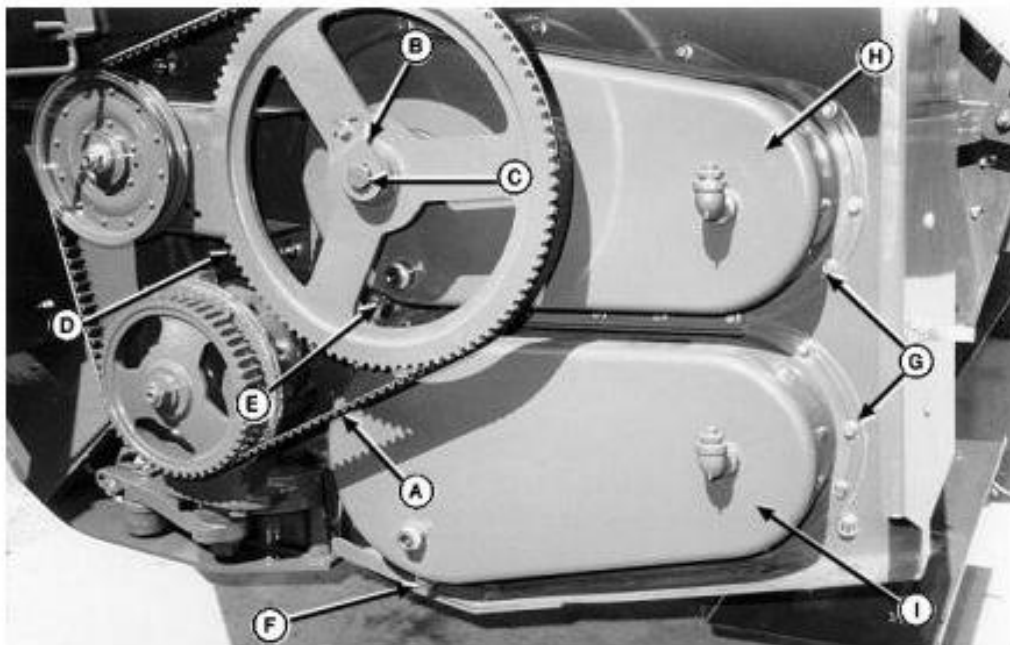
890 Auger Platform



890 Specialty Crop Auger Platform

890 AUGER PLATFORM -The upper (A) and lower (B) auger drive chains and sprockets can be replaced without opening the other drive. Perform only the steps in this procedure necessary to replace either upper or lower drive chains or sprockets.

- **890 SPECIALTY CROP AUGER PLATFORM** -When replacing upper auger drive chain or sprockets (C), perform only steps in this procedure necessary to replace upper drive chain or sprockets.



Left-Hand Side

LEGEND:

A Knife Drive Belt



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