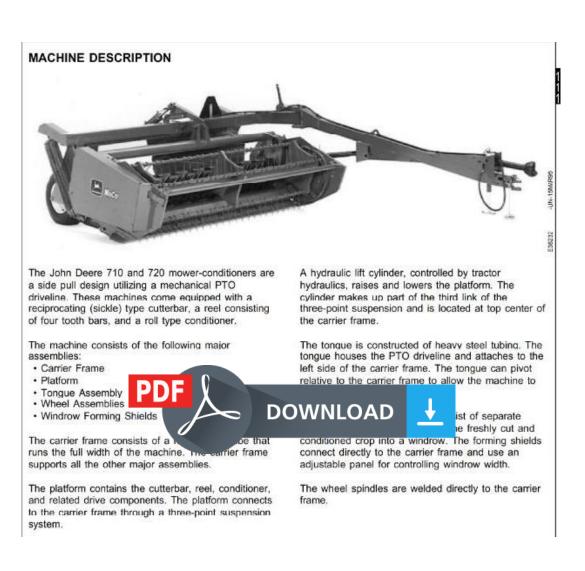
## John Deere Mower-Conditioners Models 710, 720 Diagnostic and RepairTechnical Service Manual (tm1619)



Type: Service Manual Language: English Pages: 254 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 Mower-Conditioners Models 710, 720 Diagnostic and RepairTechnical Service Manual (tm1619)

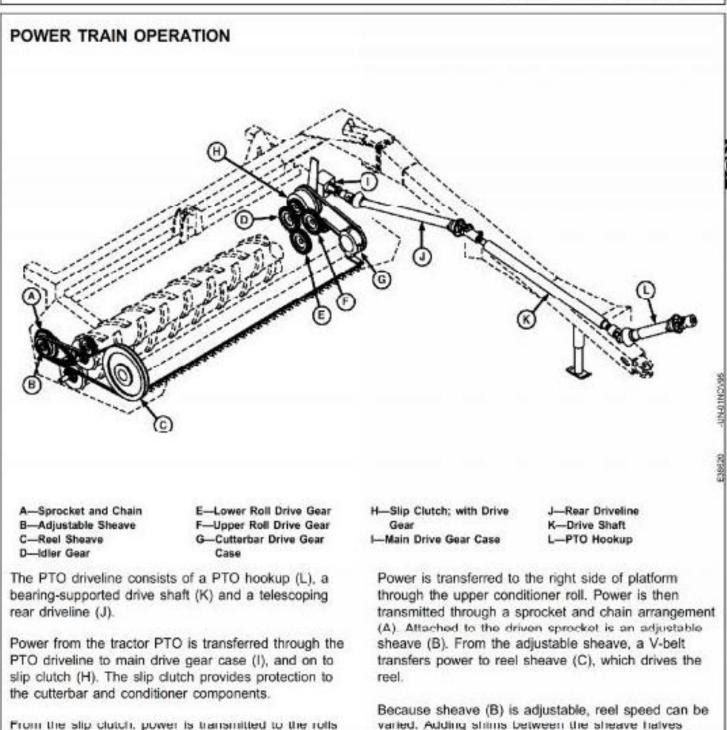
In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

## Contents:

- General Information
- Specifications
- Serial Number Location
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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 05 General Information



From the slip clutch, power is transmitted to the rolls through external drive gears (D—F). A V-belt transmits the power to the cutterbar drive gear case (G).

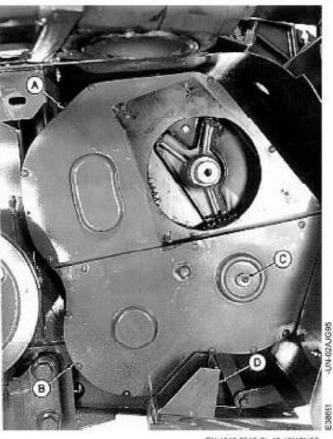
The cutterbar drive gear case utilizes an eccentric shaft and yoke arrangement to transform power from a rotary motion to a reciprocating motion, causing the cutterbar knife to move back and forth. The gear case is fully enclosed with the internal components lubricated with gear oil. An optional 16 tooth drive sprocket is available for reel speed faster than what the adjustable sheave can adjust to.

decreases the reel speed, while removing shims

increases reel speed.

- 3. Remove bracket (D).
- 4. Remove lubrication fitting (C).
- 5. Remove covers (A and B).

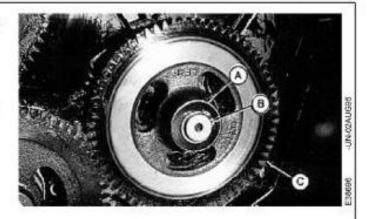
A-Upper Enclosure Cover B-Lower Enclosure Cover C-Lubrication Fitting D-Bracket



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- NOTE: Record quantity of shims and location used to aid in assembly.
- 6. Remove snap ring (B) and shim(s) (A).
- IMPORTANT: When removing the idler gear, the gear seals will catch the edge of the snap ring groove in the idler gear shaft, causing the IIp seal spring of the outboard seal to dislodge and become wedged between the shaft and inner race of the outer bearing. Use a protective sleeve on the shaft or damage to the snap ring groove and surface of shaft may result.
- 7. Remove idler gear (C).

8. Check idler gear teeth for excessive wear. Replace idler gear if necessary.



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