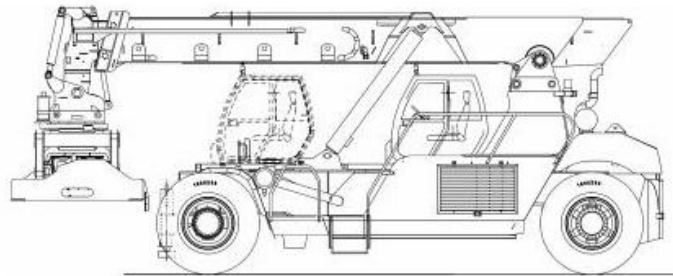


John Deere Hyster HR45-27/-31, HR45-36L/-40LS/-40S/-45LSX Container Handler C227 Series Workshop Service Manual

CAPACITIES AND SPECIFICATIONS

HR45-27, HR45-31, HR45-40S, HR45-36L,
HR45-40LS, HR45-45LSX [C227]



HYSTER

PART NO. 1641043

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Type: Service Manual

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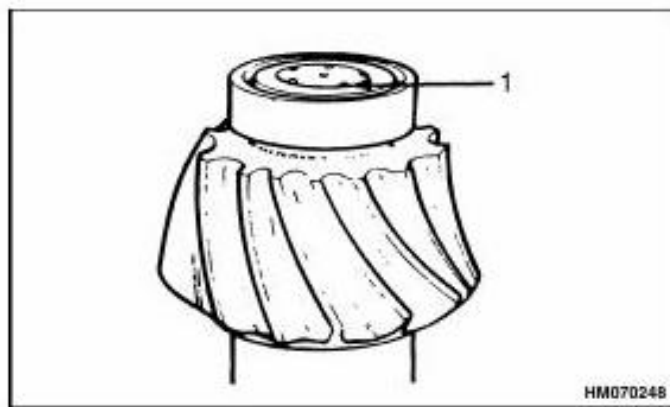
This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere Hyster HR45-277-31, HR45-36L-40LS/40S/45LSX Container Handler C227 Series Workshop Service Manual**

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:

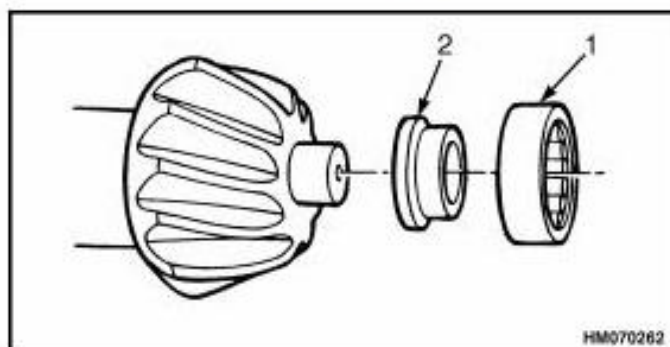
- General Information
- Specifications
- Serial Number Location
- Engine Specifications
- Engine Diagnostics
- Engine Tests and Adjustments
- Engine Repair
- Power Train
- Transmission
- Axles
- Differential
- PTO
- Hydraulic System
- Electrical System
- Electrical Tests and Diagnostics
- Wiring Diagram / 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.



1. PEENING POINTS

Figure 23. Spigot Bearing Peening Points



1. REMOVE OUTER RACE AND ROLLER ASSEMBLY FROM CARRIER
2. REMOVE INNER RACE FROM PINION

Figure 24. Two-Piece Spigot Bearing

CLEAN AND INSPECT

⚠ WARNING

Cleaning solvents can be flammable and toxic and can cause skin irritation. When using cleaning solvents, always follow the recommendations of the manufacturer.

⚠ WARNING

Compressed air can move particles so that they cause injury to the user or to other personnel. Make sure that the path of the compressed air is away from all personnel. Wear protective goggles or a face shield to prevent injury to the eyes.

Clean and inspect the following parts of the differential:

- **Yoke**- Clean the surface of the yoke journal with a cleaning solvent and inspect the original yoke seal surface for any grooves.

- **Drive Axle**- Clean the parts of the axle with solvent and dry with compressed air. Inspect all machined surfaces and bearings for wear and damage.
- **Tapered Roller Bearings**- Inspect the cup, cone, rollers, and cage of all tapered roller bearings in the assembly. If bearings show signs of wear, cracks, or damage, replace with new bearing.
- **Pinions and Gears**- Inspect the pinions and gears for wear or damage. Gears that are worn or damaged must be replaced.
- **Axle Shafts**- Inspect the axle shafts for wear and cracks at the flange, shaft and splines. If axle shafts show signs of wear or damage, replace the axle shafts.
- **Main Differential Assembly**- Inspect all parts of the main differential assembly for wear or damage. Parts that are damaged must be replaced. See Figure 25 for parts to inspect.

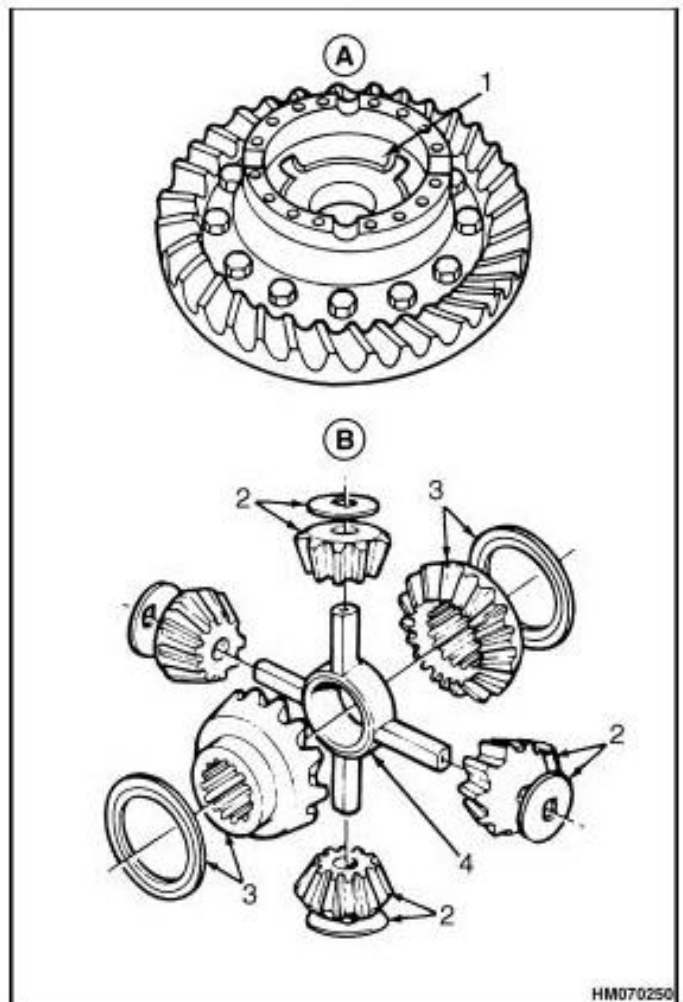


Figure 25. Main Differential Assembly Inspection



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