

John Deere 350B Crawler Tractors and Loaders Technical Service Manual (tm1032)



Covers: 350B

Type: Service Manual

Language: English

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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 350B Crawler Tractors and Loaders Technical Service Manual (tm1032)**

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
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- Electrical System
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- 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.

DROTT BUCKET CLAM RELIEF VALVE

GENERAL INFORMATION

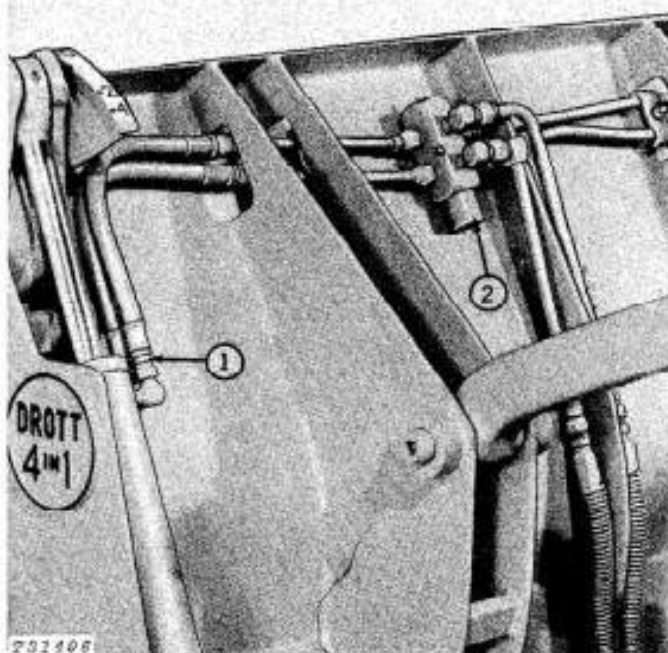
A single-acting circuit relief valve, located at the top rear of the bucket, provides pressure relief when the attachment control lever is in neutral. The relief valve allows a fully or partially opened clam to close, preventing damage to the clam when tractor forces the clam against an obstacle.

REPAIR

Whenever clam cylinder operation is abnormal (bucket does not remain open in dozer or scraper operation), the bucket relief valve may be incorrectly adjusted or in need of servicing. The valve is adjusted by adding or subtracting shims under the relief valve cap.

Tee a 0-3000 psi pressure gauge into the clam bucket opening pressure line at cylinder (Fig. 7). Open bucket approximately 8 inches. With clam bucket control lever in neutral, push clam section of bucket against a solid object. DO NOT RAM BUCKET.

Observe when bucket starts to close. Pressure gauge reading at this time is the relief valve setting. By adding or subtracting shims under relief valve cap, adjust relief valve setting if necessary.

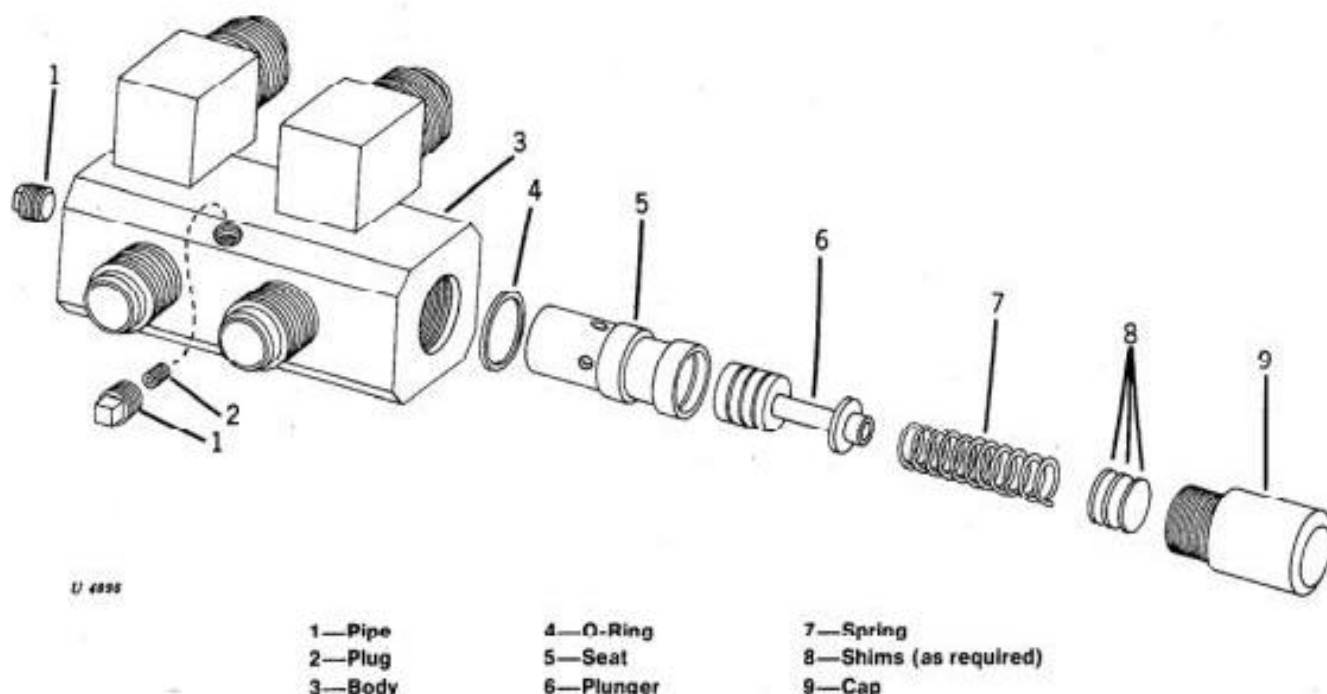


1. Tee in Pressure Gauge

2. Relief Valve Cap

Fig. 7-Drott Bucket Relief Valve

If relief pressure cannot be adjusted correctly or if bucket still malfunctions, remove the relief valve for servicing (Fig. 8).



U 4895

1—Pipe
2—Plug
3—Body

4—O-Ring
5—Seat
6—Plunger

7—Spring
8—Shims (as required)
9—Cap

Fig. 8-Drott Bucket Clam Relief Valve



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to get more information.