

# John Deere 450J, 550J, and 650J Crawler Dozer (S.N. before 159986) Operators Manual (OMT204685)

450J, 550J, AND 650J  
CRAWLER DOZERS (S.N.  
BEFORE 159986)



JOHN HARE



COLLECTION

## OPERATOR'S MANUAL

450J, 550J, 650J Crawler Dozers (S.N. -159986)

OMT204685 11 JUN 13 (English)



John Deere Construction and Forestry  
Printed by Belgreen



**Covers:** 159986);,450J,550J,650J

**Type:** Service Manual

**Language:** English

**Pages:** 233

**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 450J, 550J, and 650J Crawler Dozer (S.N. before 159986) Operators Manual (OMT204685)**

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.

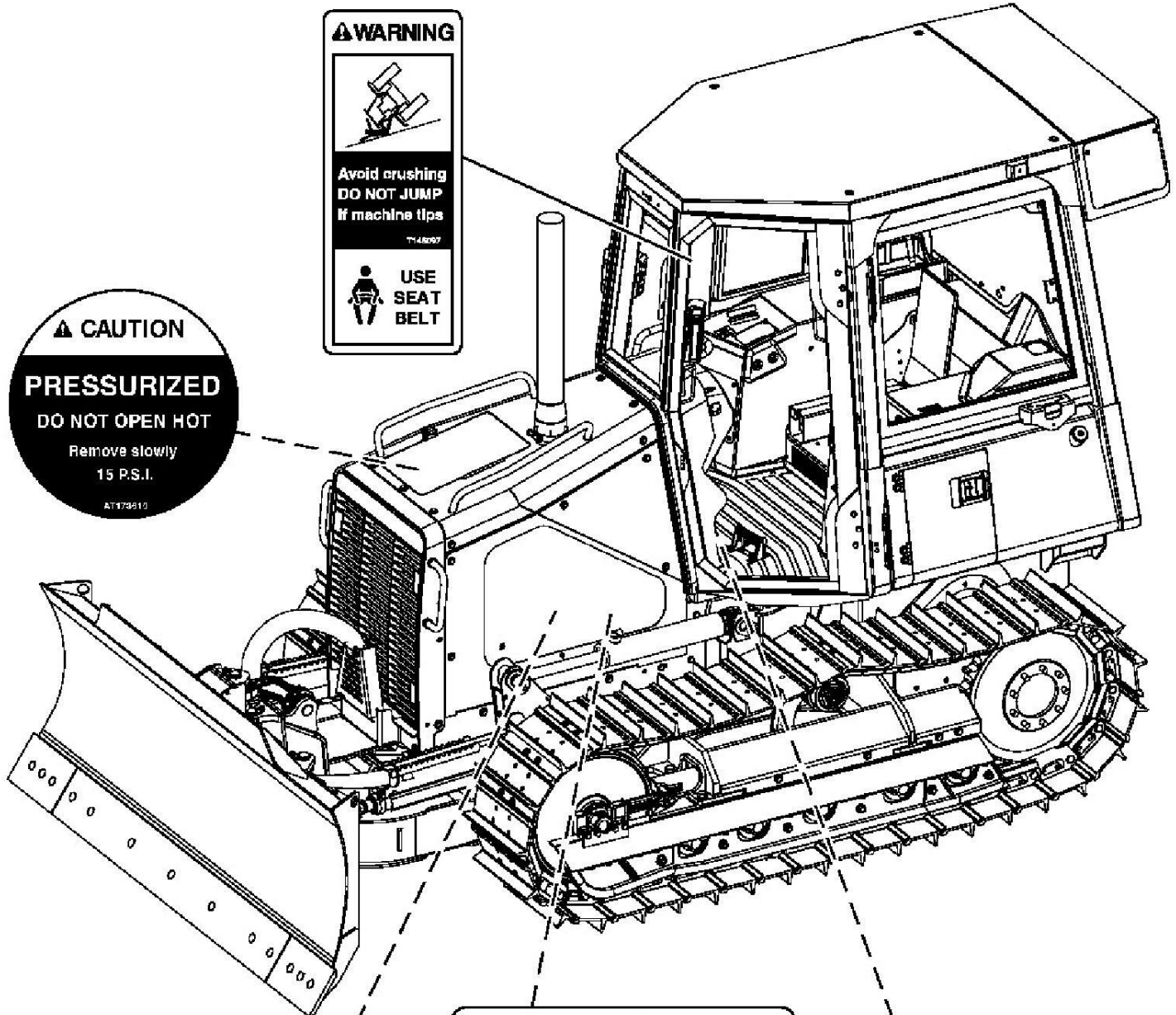
**Contents:**

- 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.

# Group 1.5 - Safety Signs

## Safety Signs



**WARNING**



Avoid crushing  
**DO NOT JUMP**  
If machine tips

T148097



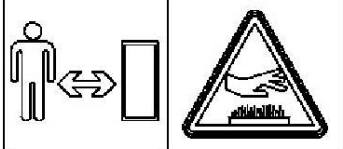
**USE SEAT BELT**

**CAUTION**

**PRESSURIZED**  
**DO NOT OPEN HOT**

Remove slowly  
15 P.S.I.

AT178910



**DANGER**



Start only from seat in park or neutral.  
Starting in gear kills.

1197-2

**CAUTION**

- AVOID DEATH OR SERIOUS INJURY -** Read and understand Operator's Manual before operating this machine.
- Operate only from the seat.
- Before leaving seat:
  - Lower equipment to ground.
  - Place transmission selector in neutral.
  - Place park lock lever in lock position (up).
  - Stop engine (turn key switch to OFF).
- DO NOT** permit riders.

T16003 1-4



**ENGINE START AND STOP PROCEDURE**

**START and WARM UP -** At one-third speed setting, crank engine 20 seconds maximum. Allow 2 minutes between cranking periods. Use starting fluid as required but not before cranking. Warm up at half speed and **DO NOT** accelerate rapidly during warm up.

**STOPPING -** Operate at half speed **NO LOAD** 2 minutes before stopping. Set speed to low idle and stop engine.

**ENGINE STALL -** Remove load, restart immediately. Run 30 seconds at half speed before adding load.

T193970

Safety Signs



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