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MANUAL PREVIEW

J.I. Case

Operator's Manual

W7C

Wheel Loader

Operator's Manual

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CA-O-W7C LDR

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MANUAL PREVIEW

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Figure 1. Right Side View of W-7 Loader

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Figure 2. Left Side View of W-7 Loader

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SERIAL NUMBERS

When ordering parts from your Authorized Case Industrial Dealer and in all contacts or correspondence relative to your Case Loader, always specify the Serial Number, Engine Number, Model of the Loader, Converter Number and Transmission Number.

The Model and Serial Numbers are stamped on the plate located on the instrument panel, Figure 3. The engine Number is stamped on a plate located on the left side of the engine block, Figure 4. The converter Number is located on top of the converter housing. The transmission Number is located on the rear transmission cover.



Figure 3



Figure 4

NOTE The terms "Right Hand" and "Left Hand" whenever used in this manual, refers to the machine as viewed when seated in the operator's seat.

For Convenient reference fill in the following Model and Serial Numbers:

Model _____

Engine Number _____

Loader Serial Number _____

Converter Number _____

Transmission Number _____

Front Rigid Axle Number _____

Rear Steering Axle Number _____

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Diesel Engine



SPECIFICATIONS

General

Type ----- 4 Cylinder, 4 Stroke Valve-In-Head,
Firing Order ----- 1-3-4-2
Bore ----- 4-3/8 Inches
Stroke ----- 5 Inches
Piston Displacement ----- 301 Cubic Inches
Compression Ratio ----- 15 to 1
Cylinder Sleeves ----- Removable Wet Type
Full Governed Speed ----- 2000 RPM
No Load Governed Engine Speed ----- 2150 RPM
Engine Idling Speed ----- 750 RPM
*Valve Clearance (Intake and Exhaust) ----- .020 Inch(Hot)
Exhaust Valve Rotators ----- Positive Type

Piston and Rods

Rings per Piston ----- 4
Number of Compression Rings ----- 3
Number of Oil Rings ----- 1
Piston Pins ----- Full Floating Type
Type Bearings ----- Replaceable, Precision Steel Back,
Copper Lead Alloy Liners.

Main Bearings

Number of Bearings ----- 5
Type Bearings ----- Replaceable Precision Steel Back,
Copper Lead Alloy Liners.

Engine Lubricating System

Oil Pressure ----- 40 to 45 pounds with Engine Warm
and operating at Full Governed RPM.
Type System ----- Forced Circulation
Oil Pump ----- Gear Type
Oil Filter ----- Full Flow With Replaceable Element

*Hot Settings Are Made At Low Idle After the Engine has operated
at Thermostat Control Temperature For at Least Fifteen Minutes.

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general specifications



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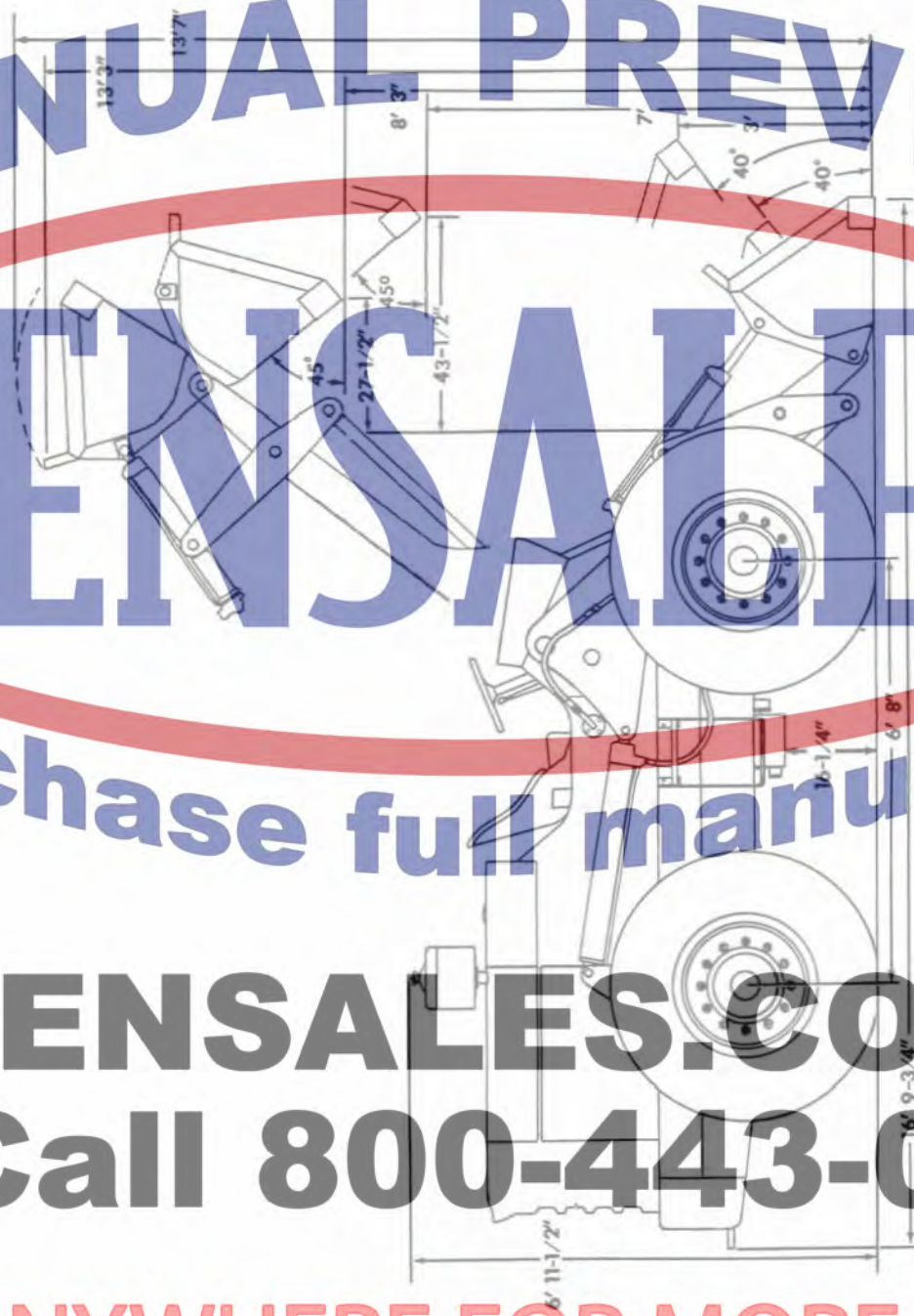


Figure 5