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MANUAL PREVIEW

International Harvester Operator's Manual 260A

Operator's Manual

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**260A
TRACTOR, LOADER, BACKHOE**

SECTION INDEX

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This manual covers the instructions for operation, lubrication, adjustments and maintenance for normal daily care. These instructions are divided into nine sections to simplify your reference to the information most important to you. Refer to table of contents on next page for a complete list of subjects covered within each section.

Refer to each specific section for a complete list of subjects covered within the section.

SECTION 1 — INTRODUCTION

This section discusses generally the use of this manual, serial numbers and how to ship or store this machine.

SECTION 2 — BEFORE STARTING THE NEW MACHINE

This section outlines the special procedures necessary to insure proper "break-in" and care of a new machine.

SECTION 3 — INSTRUMENTS AND CONTROLS

The text and illustrations on instruments and controls in this section are designed to tell you "where it is," "what it does," and "how to use it." Read this section carefully.

SECTION 4 — PREPARING FOR EACH DAY'S WORK

This illustrates the few simple preparations *before* each day's work to assure a "lost-time" free work day.

SECTION 5 — OPERATING THE MACHINE

This section outlines and illustrates the step-by-step procedures for starting, operating, and stopping the machine.

SECTION 6 — OPERATING TECHNIQUES

A few operating suggestions and techniques are discussed with simple ideas to help ease the work and lengthen the useful life of your machine.

SECTION 7 — SCHEDULED MAINTENANCE

This section saves money! A complete scheduled maintenance procedure is outlined here — one that assures less down-time and expense, and more profit and work from your machine. Read and use this section — INCREASE YOUR PROFIT through increased machine reliability and availability.

SECTION 8 — MAINTENANCE

Much of the maintenance and adjustment procedures outlined in Section 7 need clear explanation. This section is devoted to explaining the "how to do" in an easy style to help you "do it yourself" and get it right.

SECTION 9 — SPECIFICATIONS AND CAPACITIES

This section covers the capacities, general dimensions and weights, speeds and torques.

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INSTRUMENTS AND CONTROLS

SECTION 3
Page 7

Bucket and Dipperstick Control Lever (Fig. 8)

The bucket and dipperstick control lever (4) also performs simultaneous functions — extending or retracting the dipperstick, while loading or dumping the bucket.

Refer to "OPERATING THE BACKHOE" in Section 5 for additional information.

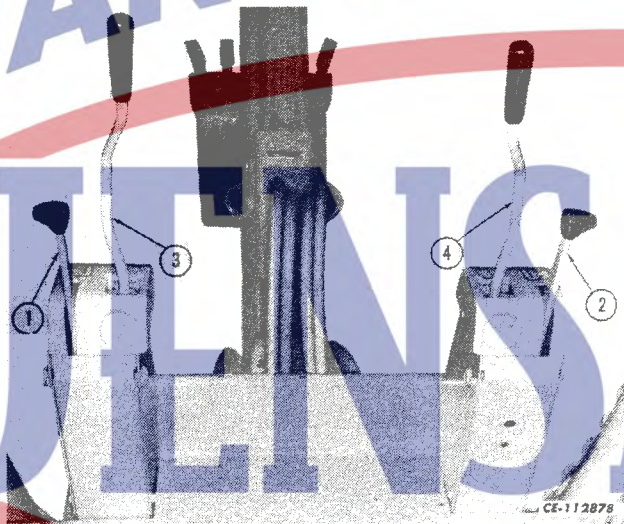


Fig. 8. Two Lever Control

1. Left Stabilizer Control Lever
2. Right Stabilizer Control Lever
3. Boom and Swing Control Lever
4. Bucket and Dipperstick Control Lever

Dipperstick Control Lever

The dipperstick control lever (2) controls the extending or retracting of the dipperstick.

Refer to "OPERATING THE BACKHOE" in Section 5 for additional information.

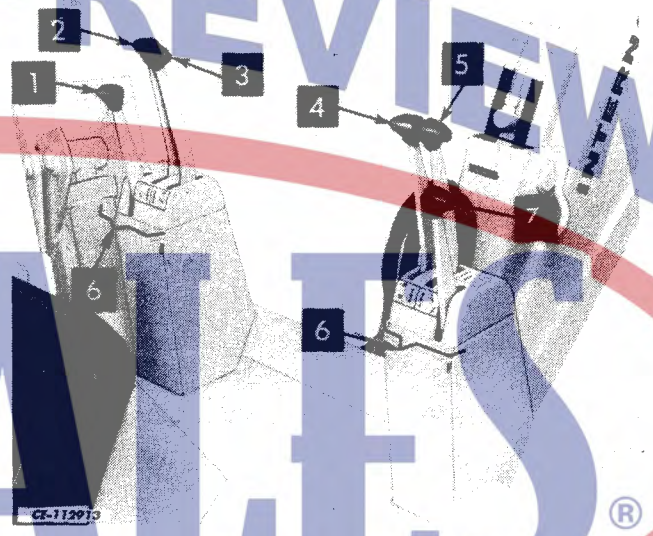


Fig. 9. Four Lever Control

1. Left Stabilizer
2. Dipperstick
3. Boom
4. Bucket
5. Swing Unit
6. Backhoe Operating Guide (decals)
7. Right Stabilizer

FOUR LEVER CONTROLS (Fig. 9)

Stabilizer Control Levers

The right and left stabilizers are individually controlled by levers 1 and 6. The stabilizers may be raised or lowered individually, or simultaneously.

Boom Control Lever

The boom control lever (3) controls the raising or lowering of the boom.

Swing Control Lever

The swing control lever (5) controls the swinging of the boom to the left or right.

Bucket Control Lever

The bucket control lever (4) controls the loading or unloading of the bucket.

LOADER BUCKET LEVEL INDICATOR (Fig. 8)

The loader has an indicator on the inside of the right boom which enables the operator to see when the bucket is level.

The bucket is level when the rod (1) is flush with the top of the bracket (2).

INDEPENDENT POWER TAKE OFF (If Equipped)

The independent power take-off is powered directly from the engine flywheel. It provides an independent control of the power take-off drive. It is engaged or disengaged hydraulically by a lever located in the quadrant at the right of the operator's seat.

MAINTENANCE



Fig. 17. Oil Change Service Points

1. Spin-On Oil Filter
2. Crankcase Drain Plug

2. Reinstall and tighten the crankcase drain plug.
3. Fill the crankcase with fresh oil. Refer to the "LUBRICANT SPECIFICATIONS AND CAPACITIES CHART" in Section 7 for quantity and grade of oil specified.
4. Operate the engine at low idle for 5 to 10 minutes, do not operate under load until normal oil pressure and temperature are reached. During warm-up check the filter for leaks.

ENGINE VALVES

Clearance Adjustment

CAUTION! Do not adjust valves with the engine running.

The valve lash adjustment should be made when the engine is warm.

BE ACCURATE. USE A FEELER GAUGE WHEN ADJUSTING THE VALVE CLEARANCE.

Disassembly

CAUTION! Be sure that all hydraulic operated equipment is blocked up or lowered to the ground.

NOTE: Disconnected hydraulic hoses must be capped with the correct size plastic cap. If caps are not available use tape or rubber stoppers. Opening must never be plugged with rags. This practice could introduce dirt or lint into critical hydraulic components. Tag all hydraulic lines and electrical cables to facilitate correct and faster reassembly.

1. Disconnect the battery ground cable from the battery on the right hand side of the machine.
2. Remove the bolts securing filler (2, Fig. 18) to the hood and loosen hose clamp (3, Fig. 18). Remove the filter.
3. Remove the bolts securing muffler (1, Fig. 18) to the hood and loosen the clamp securing the muffler to the exhaust pipe. Remove the muffler. Cover the exhaust pipe.

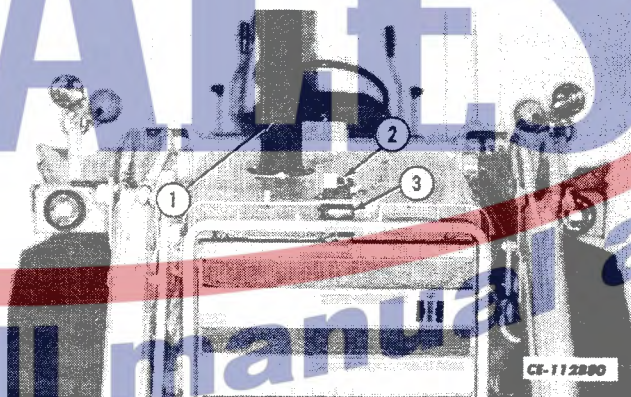


Fig. 18. Hood Disconnection Points

1. Muffler
2. Fuel Tank Filter
3. Hose Clamp

4. Remove the six bolts from the top of the hood. Remove the two bolts securing each engine side screen to the hood. Remove the hood and top air inlet screen if equipped.

5. Remove cable (10, Fig. 19) from horn (11, Fig. 19).
6. Remove the bolts securing the engine side screens to the frame and radiator top baffle and remove the engine side screens.

NOTE: The horn is also held in place by the bolt securing the right hand side screen to the top baffle on the radiator.

7. Disconnect wires (2 and 3, Fig. 19) from air cleaner service indicator (1, Fig. 19).