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MANUAL PREVIEW

International Harvester

Operator's Manual

3400 Series A

Loader Tractor

Operator's Manual

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IH-O-3400A

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INTRODUCTION

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- 1 - Loader control lever
- 2 - Floodlight
- 3 - Headlight
- 4 - Rear
- 5 - Flashing warning lights
- 6 - Right
- 7 - Loader lift cylinder

- 8 - Loader boom
- 9 - Loader bucket level indicator
- 10 - Loader bucket
- 11 - Front
- 12 - Bucket cylinder
- 13 - Left

Illust. 2

Terms and location of units.

Assembled in this manual are operation, lubrication, and maintenance instructions for the International 3400 Series A Loader Tractor available with a gasoline or diesel engine.

LEFT and RIGHT indicate the left and right sides of the machine when facing forward in the driver's seat. FRONT indicates

the loader end and REAR indicates the rear axle end of the machine. When ordering service parts follow the above procedure.

The illustrations in this manual are numbered to correspond with the pages on which they appear; for example, Illusts. 13 and 13A are on page 13.

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PNEUMATIC TIRES

MOUNTING TIRES ON THE RIM

After mounting a new or old tire on the rim, inflate it to thirty pounds pressure to seat the tire bead on the rim flange and to keep the tire from creeping and shearing off the valve. Then deflate or inflate the tire to the correct operating pressure.

The tractor should not be operated with tires improperly inflated. To insure the maximum hours of service, watch the tread

lugs. Check for high air pressure. Consult your International Harvester dealer for information.

CARE OF TIRES

Avoid stumps, stones, deep ruts and other hazards. Cuts in tires should be repaired immediately, as neglect decreases tire life. Keep the tires free from oil and grease, as both destroy rubber.

REAR COUNTERWEIGHT



Illustr. 38

Rear counterweight mounted on the tractor.

REAR COUNTERWEIGHT

Counterweights should be used when additional weight is required to counter balance the weight of the front end.

Each slab-type counterweight weighs approximately five hundred eighty-five pounds apiece, and two are recommended for the loader tractor.

Proper counterweight required (for 2400 pound operating capacity) or enough so total weight on the ground at the rear wheels including weight of tractor is 5500 pounds.

The counterweights are available from your International Harvester dealer.

STORING THE MACHINE

REMOVING FROM STORAGE

1. Be sure that the grade of oil in the engine crankcase is as specified in the "Lubrication Table".
2. Remove the plugs from the exhaust pipe and the valve cover breather pipe.
3. Check the level of the coolant in the radiator.
4. See that the battery is fully charged and that the terminal connections are clamped tightly.
5. Be sure the engine lubricating oil filters have been replaced.

6. Fill the fuel tank (gasoline engine tractor).

7. Release the clutch pedal.

8. Start the engine and let it run slowly. If the engine misses on one or more cylinders after operating under load, remove the valve cover and observe if any of the valves are sticking. If so, pour a small quantity of kerosene or diesel fuel on the valve stems until loose.



Caution! Keep the doors wide open or move the machine outside the storage room immediately to avoid danger from exhaust fumes.

Do not accelerate the engine rapidly, or operate it at high speed immediately after starting.

COLD WEATHER PRECAUTIONS

When operating the tractor in temperatures of +32 degrees F. or lower, observe the following precautions:

FUEL SYSTEM

Use only a winter grade fuel for ease of starting.

Use only winter-grade fuel for ease in starting, and keep your supply in a closed container so the more volatile portion does not evaporate.

Fill the fuel tank at the end of each day's run to prevent condensation in the tank.

ELECTRICAL

All systems must be in good condition with batteries fully charged.

LUBRICATION

Be sure to use lubricant of the correct viscosity in the engine crankcase as specified in the "Lubrication Table".

COOLING SYSTEM

To prevent freezing of the cooling system, use IH permanent type antifreeze.

The use of alcohol as an antifreeze is not recommended because methanol boils at +148 degrees F.

Note: Use only one type of antifreeze solution. Do not mix solutions, as it will be difficult to determine the exact amount of protection.

Never use any of the following in the cooling water as an antifreeze - honey, salt, kerosene, fuel oil, glucose or sugar, calcium chloride, or any alkaline solution.

Refer to "Specifications" for the cooling system capacity.

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