

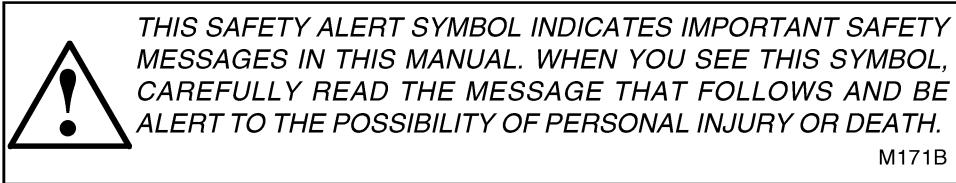
International 3000 Loader

Operator's Manual

1083748R1

Reprinted




CASE III



If Safety Decals on this machine use the words **Danger, Warning or Caution**, which are defined as follows:

- **DANGER:** Indicates an immediate hazardous situation which if not avoided, will result in death or serious injury. The color associated with Danger is RED.
- **WARNING:** Indicates an potentially hazardous situation which if not avoided, will result in serious injury. The color associated with Warning is ORANGE.
- **CAUTION:** Indicates an potentially hazardous situation which if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices. The color associated with Caution is YELLOW.

If Safety Decals on this machine are ISO two panel Pictorial, decals are defined as follows:

- The first panel indicates the nature of the hazard.
- The second panel indicates the appropriate avoidance of the hazard.
- Background color is YELLOW.
- Prohibition symbols such as   and  if used, are RED.



WARNING

IMPROPER OPERATION OF THIS MACHINE CAN CAUSE INJURY OR DEATH. BEFORE USING THIS MACHINE, MAKE CERTAIN THAT EVERY OPERATOR:

- Is instructed in safe and proper use of the machine.
- Reads and understands the Manual(s) pertaining to the machine.
- Reads and understands ALL Safety Decals on the machine.
- Clears the area of other persons.
- Learns and practices safe use of machine controls in a safe, clear area before operating this machine on a job site.

It is your responsibility to observe pertinent laws and regulations and follow Case Corporation instructions on machine operation and maintenance.



OPERATOR'S MANUAL

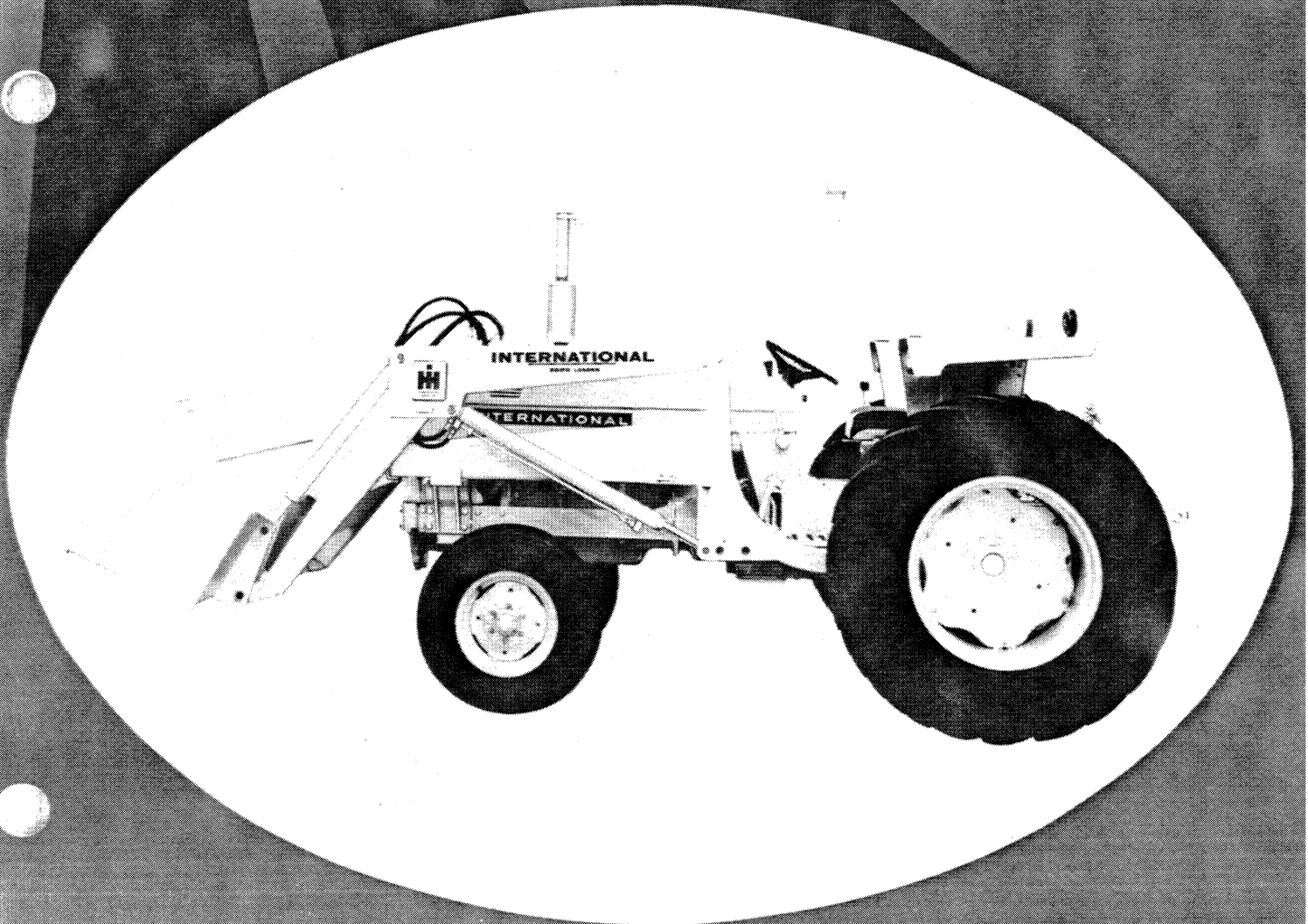
SETTING UP INSTRUCTIONS

INTERNATIONAL®

3000

Loader

OPERATION
MAINTENANCE
LUBRICATION



To The Owner

Your new International Harvester loader is designed to meet today's exacting operating requirements. The ease of operation and the ability to adjust to field conditions lighten your work and shorten your hours on the job.

You are urged to consult with your International Harvester dealer concerning unusual field conditions. Let the experience of your dealer and the organization associated with him serve you.

Be sure to read the instructions for Adjusting and Operating in this manual. Check each item referred to and acquaint yourself with the adjustments required to obtain efficient opera-

tion and maximum trouble-free performance. Remember, equipment which is properly lubricated and adjusted saves time, labor, and fuel.

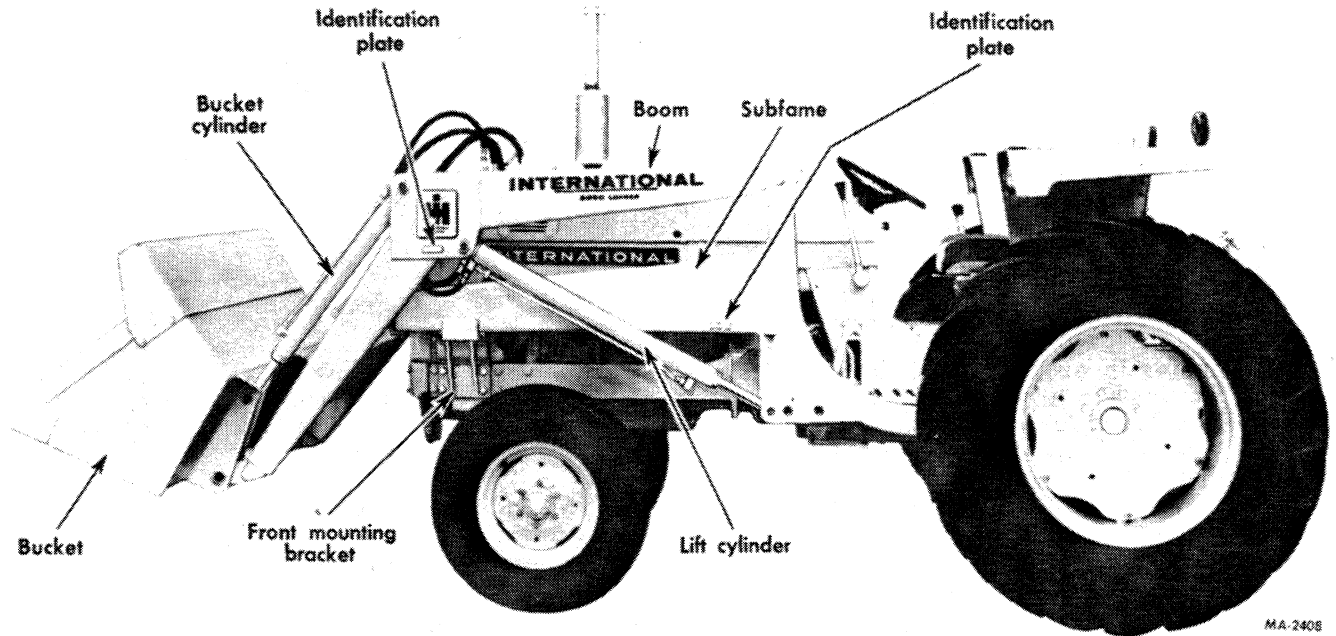
After the operating season, thoroughly clean your machine and inspect it. Preventive maintenance pays dividends. Your dealer has original-equipment parts which assure proper fit and best performance. He is able to recondition your equipment to a like new condition.

Additional copies of this manual may be ordered from your International Harvester dealer at a nominal price.

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INTRODUCTION



International 3000 Loader on
International 656 Tractor.
Bucket is shown with
optional spillguard.

Assembled in this manual are the instructions for operation, lubrication, maintenance, and setting up for the International 3000 Loader. It is designed to operate on International 340 Utility, 340 Industrial, 504, 2504, 2544, 460 Utility, 460 Industrial, 606, 2606, 2656 Farmall 1456 and 1466 Tractors. This material has been prepared in detail in the hope that it will help you to better understand the correct care and efficient operation of your equipment.

Whenever the terms "left" and "right" are used, it should be understood to mean from a position behind and facing the machine.

The illustrations in this manual are numbered to correspond with the pages on which they appear; for example, Illust. 4 is on page 4.

OPERATION

CONTROLS

Note: When it is necessary to lift a heavy load to a high position and then lower it to another position before dumping, be sure to operate the control valve very carefully. Do not suddenly thrust the valve wide open and then jerk it completely closed. The heavy load will gain momentum downward when the control valve is released; then when the valve is suddenly closed, the loader's mechanical travel is halted, but the momentum of the heavy load continues, resulting in dangerous bouncing of the load on the booms. Overcome this by slowly cracking or opening the control valve; this will release the fluid gradually and by doing so will ease the load down to the lower position desired, instead of dropping and bouncing it.

The control levers will automatically return to neutral position when the levers are released.

The inside lever controls the action of the boom. Pulling the lever back, raises the boom. Pushing it forward, lowers the boom.

The outside lever controls the action of the bucket. Pulling the lever back, closes the bucket. Pushing it forward, dumps the bucket.

The speed with which the boom or bucket moves depends upon the movement of the control levers. Moving the levers all the way back or forward will cause the fastest movement of the boom or bucket. A partial movement of the levers will slow the action.

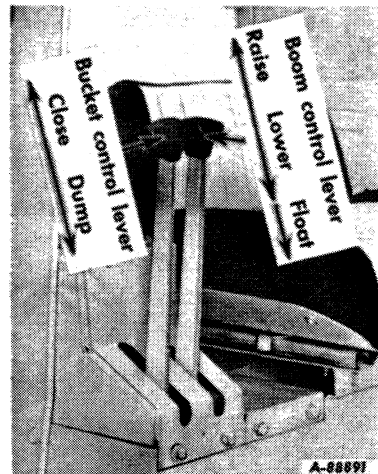
The lever handles are close to each other so that both levers may be operated with the right hand, at the same time. This permits the operator to raise the boom and close the bucket or lower the boom and level the bucket, at the same time, while operating the tractor with the left hand.

The degree of the bucket or the height of the boom may be held in any position by operating the levers until the desired position is reached and releasing the lever so it will return to neutral.

Note: When the cylinders reach the fully extended or retracted position, release the control levers to the neutral position to keep excessive amounts of fluid from by-passing through the relief valve and becoming overheated.

When the boom control lever is pushed all the way forward to the float position, it will stay in this position until manually released. In the float position, the boom is free to move up or down as the bucket follows the contour of the ground. This permits the operator to have both hands free to operate the tractor when leveling ground.

Tractor Auxiliary Valves

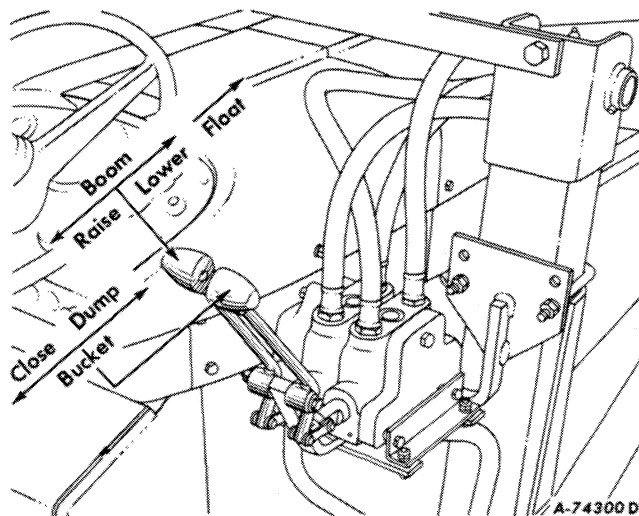


Illust. 2
Control levers for International 2656 Tractor, with 3000 Loader using Valves alongside Tractor Seat.

The hydraulic levers on the tractor, control the raising and lowering of the boom, the dumping and return to digging position of the bucket. Refer to Illust. 2 for instructions to operate the levers.

Loader Auxiliary Valves

The auxiliary valve control levers are mounted on the loader right frame which places the control levers within easy reach of the operator. See Illust. 2A.



Illust. 2A
Loader auxiliary valve control levers.

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