

John Deere

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MODEL:

H-1 Integral Plow for
Model H Tractor

MANUAL PREVIEW

JENSALES

OPERATOR'S
MANUAL

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**READ
Carefully
SAVE!**

Directions

FOR SETTING UP
AND OPERATING

JOHN DEERE
H-1 INTEGRAL PLOW
FOR MODEL "H" TRACTOR

(Detail design subject to change without notice.)

NOTICE!

The object of these directions is to assist the customer in setting up this implement correctly and to aid the user in operating it to the best advantage.

An implement incorrectly set up or improperly operated cannot produce the best results.

If you will observe the illustrations and descriptions and be guided accordingly, you will derive much helpful information.

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JOHN DEERE PLOW WORKS of Deere & Company
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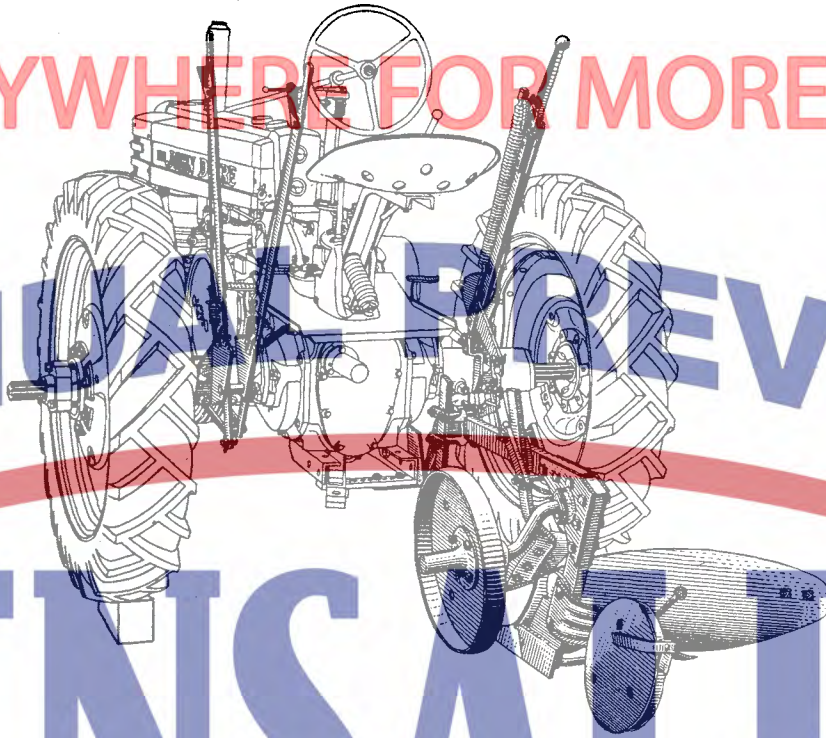


Fig. 1—John Deere H-1 Hand Lift Integral Plow on Model "H" Tractor.

INSTRUCTIONS

Observe all illustrations carefully to insure assembling plow correctly on tractor.

The terms "right" or "left", when used in the instructions, mean from a position behind the tractor and plow and looking toward the front.

It is not necessary to remove the master power shaft shield from tractor when H-1 Plow is attached.

TO SET UP

1. Bolt bottom to beam, attaching rolling landside bracket outside of frog at the same time. (See Fig. 1.)

a. Tighten nuts on bolts. Be sure square neck of the two large bolts fits properly in the square holes in frog. Drive round boltheads home with hammer and retighten nuts, to insure bottom being attached absolutely tight.

b. The round brace which goes between the moldboard and rolling landside arm is adjustable. Lengthen or shorten this brace until it fits properly, then bolt to place. The casting should be at the lower end which is bolted to the rolling landside bracket.

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TO OPERATE AND ADJUST

The successful working of the plow is primarily dependent upon the proper setting of share, rolling coulter and hitch. Instructions under these headings should be read carefully.

BOTTOM AND SHARE

Remove varnish from the bottom with a solution of water and lye or paint remover before starting the plow. Between plowing seasons or intermittent periods of work, protect the blow bottom and other polished parts by greasing them with a coat of good, hard oil. Rust pits the moldboard and share and seriously interferes with the scouring qualities.

The shares should be kept reasonably sharp. A dull share interferes with proper penetration and adds to the draft of the plow.

KEEP NUTS TIGHT

Keep all nuts tight and cotter keys spread. Most breakage is a result of loose parts. The plow will last longer, do better work, pull lighter, wear less and be subject to less breakage if nuts are kept tight and cotters in place.

LUBRICATION

Oil or grease all bearings and moving parts thoroughly. This means rolling landside, coulter, gauge wheel, levers, etc. Remember, oil prevents wear, saves repair expense, and lightens draft.

HAND LIFT PLOW

The hand lift plow is lifted or lowered by means of the lever on the right-hand side. Pushing the lever forward raises the plow, and pulling the lever drops the plow to work. The dogs on the lever automatically release and enter the notch in the ratchet as the lever is moved to position. Keep the dogs of this lever well oiled, also the quadrant on which the dogs slide, so the lever will operate with a minimum of friction.

The bracket on the beam, to which the lifting chain attaches, is reversible. When plowing deep, or when tractor is equipped with oversize tires, have the offset toward the top. To procure a higher lift, have the offset toward the bottom.

Lifting Crank: The crank on the lifting lever has two settings. The use of the rear notch (as shown in Fig. 4) is recommended when the plow is in operation. When in this setting, the lifting effort is lightened considerably, and the height of the lift is ample for turning at the ends. The forward notch is recommended for use only when transporting, when a high lift is desired. The change from one setting to the other is quickly and easily accomplished from the seat of the tractor, no wrenches being required. With the plow bottom on the ground and the lifting chain slack, simply raise the crank by hand to disengage it from the notch; then move the crank forward or backward and drop it in the other notch.

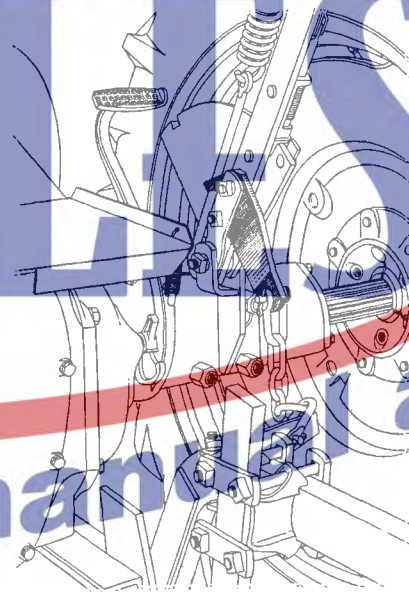


Fig. 4

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The hub of the coulter should ordinarily be set about two inches behind the point of the share. When the ground is very hard, better penetration may be obtained by setting the coulter back a little farther.

When the jointer is used, it is necessary to set the coulter somewhat ahead, to procure clearance for the furrow slice. The jointer should generally be set to cut about two inches deep.

Keep the coulter sharp. A dull coulter will interfere with proper penetration of the plow. Grease coulter frequently and keep bearings adjusted properly.

JOINTER

The jointer (furnished as an extra) will generally work most satisfactorily when set to cut about two inches deep.

An independent jointer assists the plow bottom in turning under and covering trash, leaving the surface clean. It is of especial benefit in turning the furrow slice properly when plowing at higher speeds. For a more perfect plowing job, equip your plow with an independent jointer.

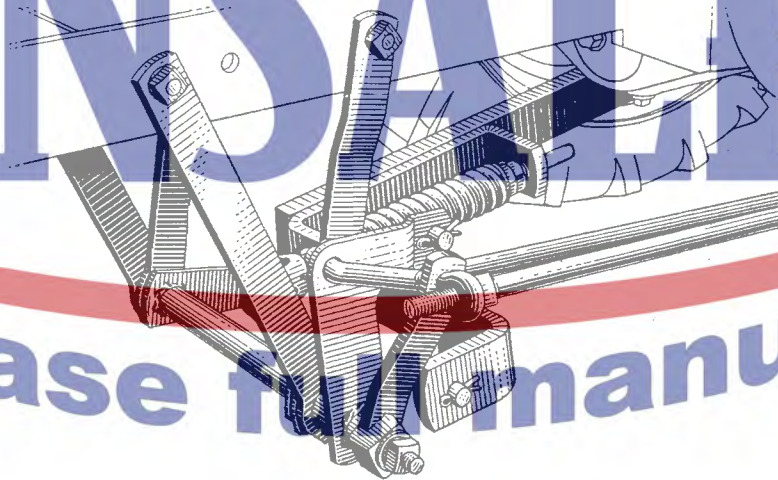


Fig. 5

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