



International Harvester

Operator's Manual

55 Chisel Plow

55 Conser-Till Attachment

JENSALES.COM

or Call 800-443-0625

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Operator's Manual

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CHISEL PLOW

AND

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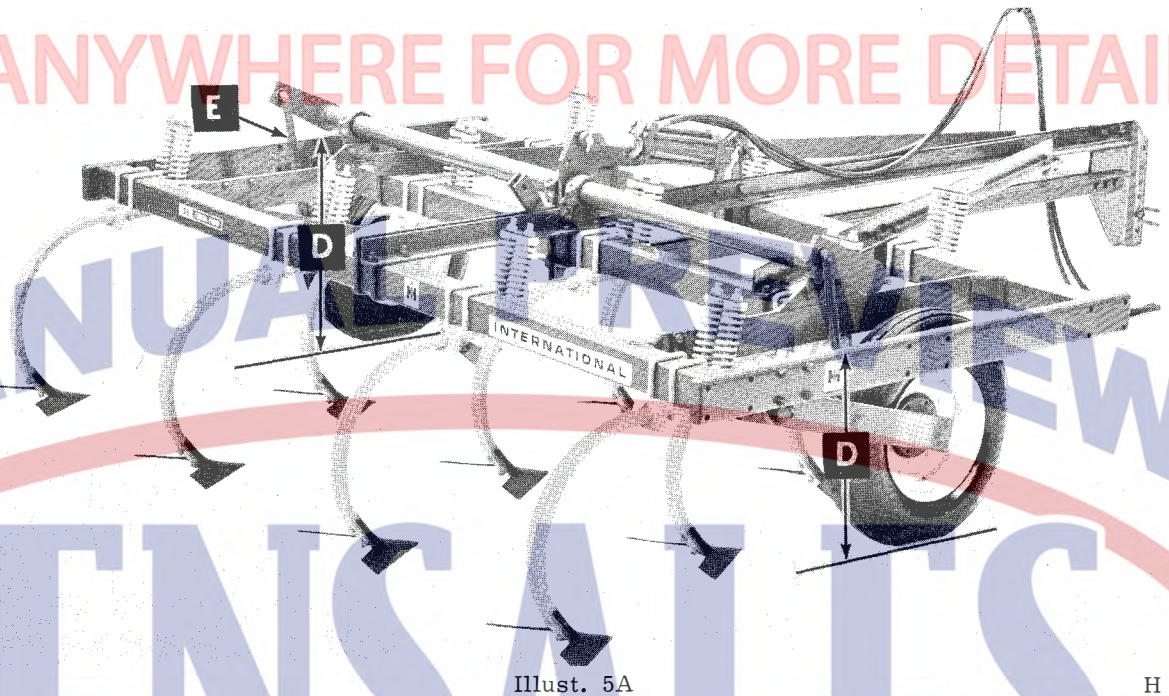


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PREPARING YOUR MACHINE FOR WORK

LEVELLING THE FRAME



Place the machine on a level floor with the shanks raised and measure the distances indicated by "D" in Illustr. 5A. The difference in the two measurements is the amount the left adjustable lift bar indicated at "E" should be lengthened or shortened, in order to make both sides the same distance from the floor.

1. Lower the machine until the points or sweeps are supporting the weight of the machine.
2. Remove the cotter pin in the axle arm stud and slide the bushing indicated at "F" in Illustr. 5B off the stud.
3. The adjustable lift bar may now be removed and lengthened or shortened in order to level the frame.
4. Replace the adjustable lift bar.
5. With the hydraulic lift or special hand lift align the axle arm stud in the eye of the adjustable lift bar, so bushing can be replaced and secured.



TRANSPORTING CHISEL PLOW ON THE HIGHWAY

Attach a 10,500 lb. capacity safety chain as shown in Illustr. 5C. With the drawbar locked in the rigid position make a "test run" towing the chisel plow. Turn to the left and right to make sure the chain is loose enough so it does not bind on turns.

Observe highway regulations governing your area in regard to highway lighting and safety.



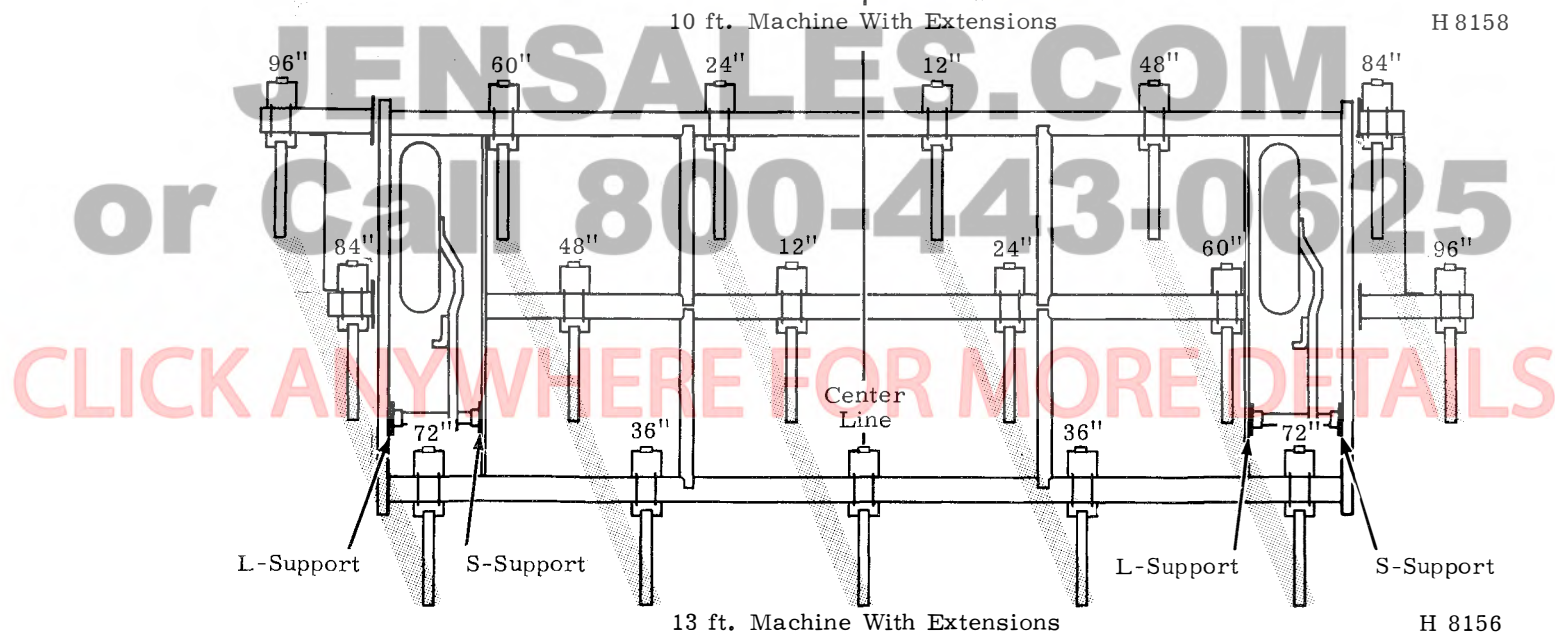
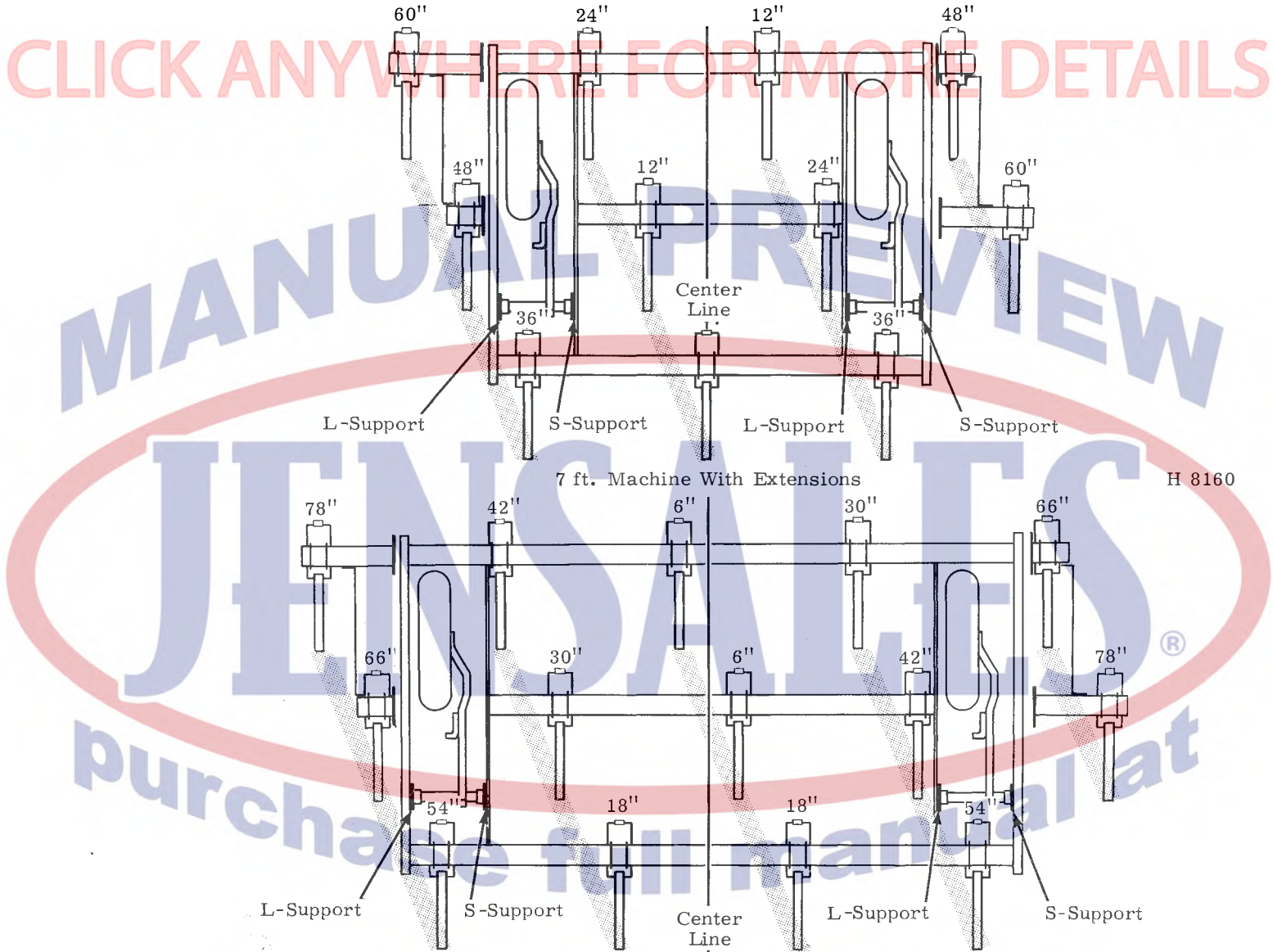
This plow is equipped with implement tires and should not be transported at speeds over 20 M.P.H.



HE 8587

PARALLEL ARRANGEMENT WITH 12" SPACED SHANKS
Recommended For Normal Cultivation With Sweeps In Trashy Conditions

CLICK ANYWHERE FOR MORE DETAILS



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CARE OF YOUR MACHINE - LUBRICATION

GENERAL

In order to obtain the maximum life and the most efficient operation of your Chisel Plow, it is important that the complete machine be lubricated regularly. Proper lubrication is the best insurance against delays and worn parts and increases the life of your machine.

The symbols in the chart and illustrations indicate the frequency of lubrication required for

your machine. The numbers shown inside the symbols in the illustrations correspond to the reference numbers in the chart. Refer to both the illustrations and chart when lubricating.

NOTE: Use pressure-gun grease (chassis) lubricant for all lubrication unless otherwise specified.

Ref. No.	Name and Location of Lubrication Points	See Illustration
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EVERY THREE DAYS OR AFTER EVERY 30 HOURS

1	Rockshaft bracket cap (four fittings)	10A
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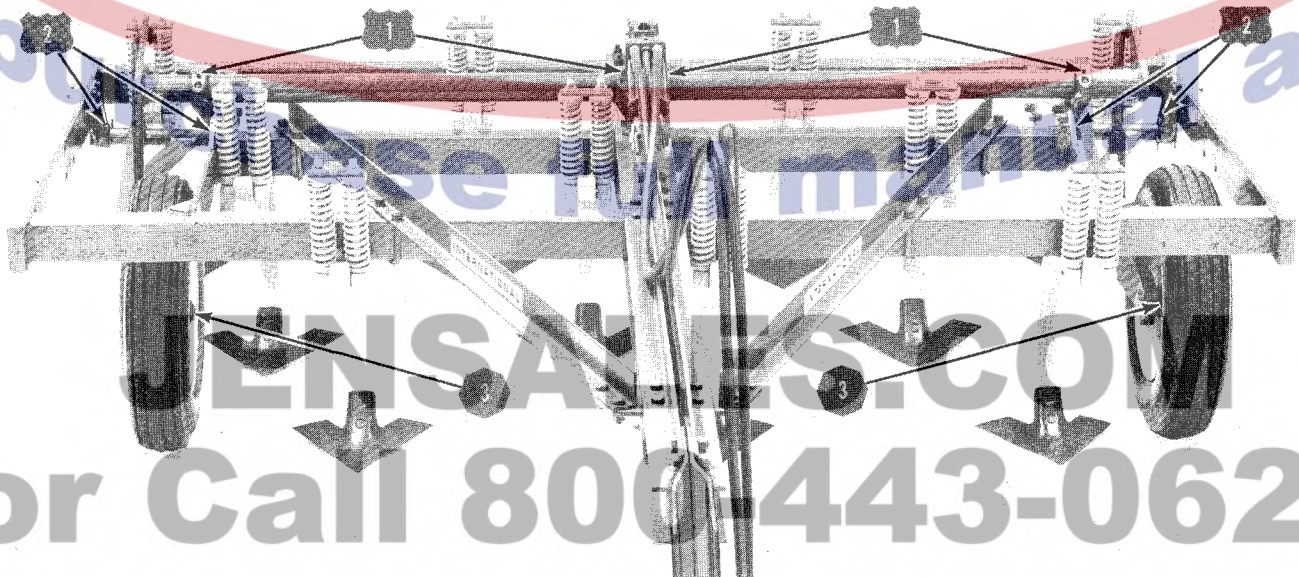
2	Axle support (four fittings)	10A
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LUBRICATE PERIODICALLY

3	Wheel bearings	10A
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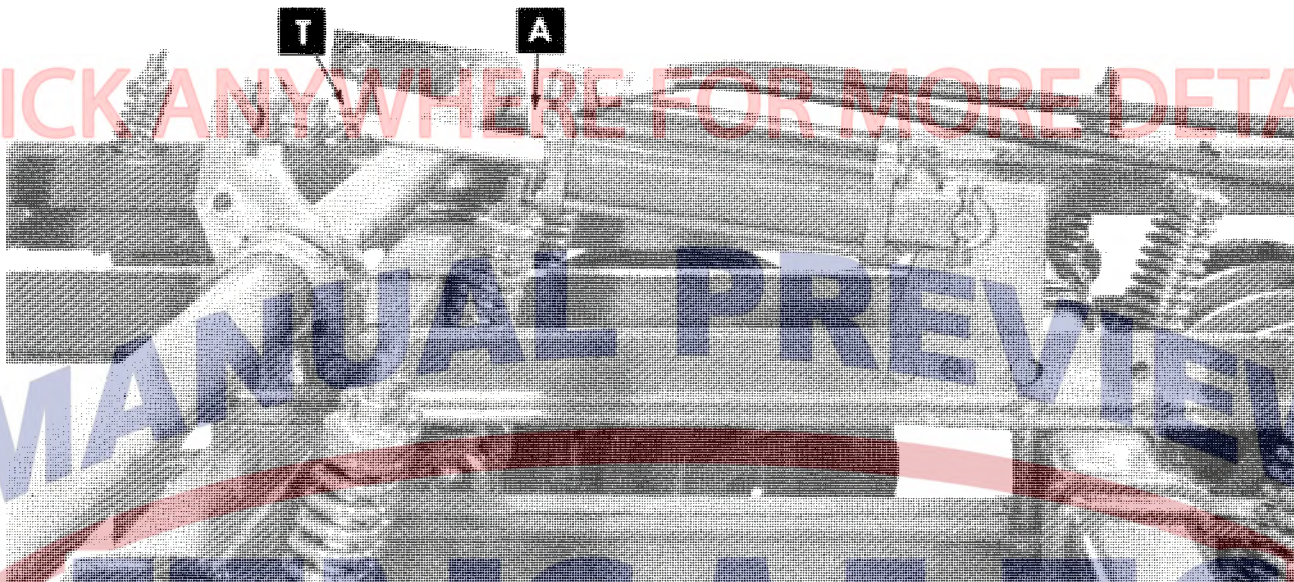
At the beginning of each season remove, clean and re-pack the wheel bearings. Use a short fibre wheel bearing grease.



Illust. 10A

H 7973

PREPARING YOUR MACHINE FOR WORK - CONSER-TILL ATTACHMENT



Illust. 12 A

HD 8328

TO ATTACH THE HYDRAULIC CYLINDER

Extend the cylinder until it can be attached to the mounting bracket and rockshaft arm with attaching pins as shown in Illust. 12A.

TO DETACH THE HYDRAULIC CYLINDER

Lower the shanks onto the ground so there is no pressure on the hydraulic cylinder, then the cylinder can be removed.

IMPORTANT: Do not use the transport locking device on the 55 Conser-Till, it is only to be used on the basic 55 Chisel Plow.

CYLINDER STOP COLLAR

The stop collar at "T" in Illust.12A may be clamped at any position on the piston rod to obtain a constant working depth.

For transport, it is recommended that the cylinder be fully extended and the stop collar adjusted to engage the cylinder plunger at "A" then clamp on piston. Actuate the tractor valve to relieve the pressure in the hoses. The mechanical lock up is not recommended for the 55 Conser-Till machine.

CONSER-TILL DISK GANG ARM ADJUSTMENT

The disk gang arms can be adjusted up or down depending on the soil conditions and the amount of penetration desired. The upper holes at "B" in Illust. 12 B should be used for shallow penetration. The center holes at "C" should be used for normal penetration, and the holes at "D" should be used for deep penetration.

In order to maintain a constant working depth of the disk gangs compress the springs to a dimension of 12-9/16" as shown in Illust. 12 B.



Illust. 12 B

HD 8310