



International Harvester

Operator's Manual
for **McCORMICK-DEERING**

10-A

Disk Harrow

JENSALES.COM

or Call 800-443-0625



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IH-O-10A DISK

Operator's Manual

Owner's Manual

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SETTING UP INSTRUCTIONS
PARTS LIST

McCORMICK

(Also McCormick-Deering)

No. 10-A

Tractor

Disk Harrow

JENSALES.COM

or Call 800-443-0625

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INTERNATIONAL HARVESTER COMPANY

180 North Michigan Ave.

Chicago 1, Illinois, U.S.A.

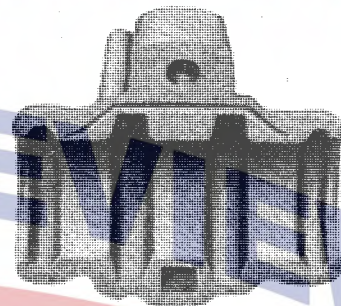
INSTRUCTIONS FOR ADJUSTING AND OPERATING

(Setting Up Instructions are on page 5)

LUBRICATION

The bearings on this machine are provided with large oil reservoirs and pressure gun fittings. Before operating, all bearings should be thoroughly lubricated.

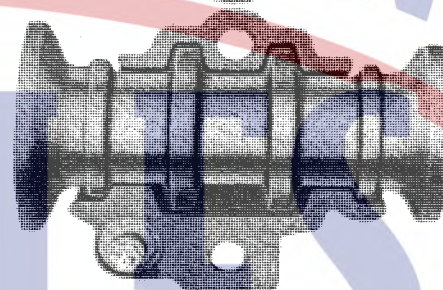
Fill the pressure gun with pressure gun lubricant and pump an ample supply into the bearings. Repeat this operation once daily.



OPERATING

To angle the gangs, turn the adjusting screw crank clockwise and move the tractor ahead. Repeat this operation until the desired angle is obtained. To straighten the gangs, back the tractor and turn the crank counter-clockwise.

Upper collar "A" on gang adjusting screw should be placed at the hole nearest the hand crank. See *Illust. 3*. (The lower hole, next to the crank bearing, is intended only for demonstration purposes.)



Illust. 3

To angle the gangs when the machine is equipped with the Power Gang Angling Attachment, pull the adjusting rope and move the tractor ahead until the desired working angle is obtained. To straighten the gangs, back the tractor.

ADJUSTMENTS

In practically all field work the gangs should run level and cut at an even depth. Adjust the front harrow gangs to suit by raising or lowering the pressure plate "B" at the center of the front harrow frame. See *Illust. 3*.

The rear gangs may be levelled by raising or lowering the outer drawbar pressure plate "C" (*Illust. 4*).

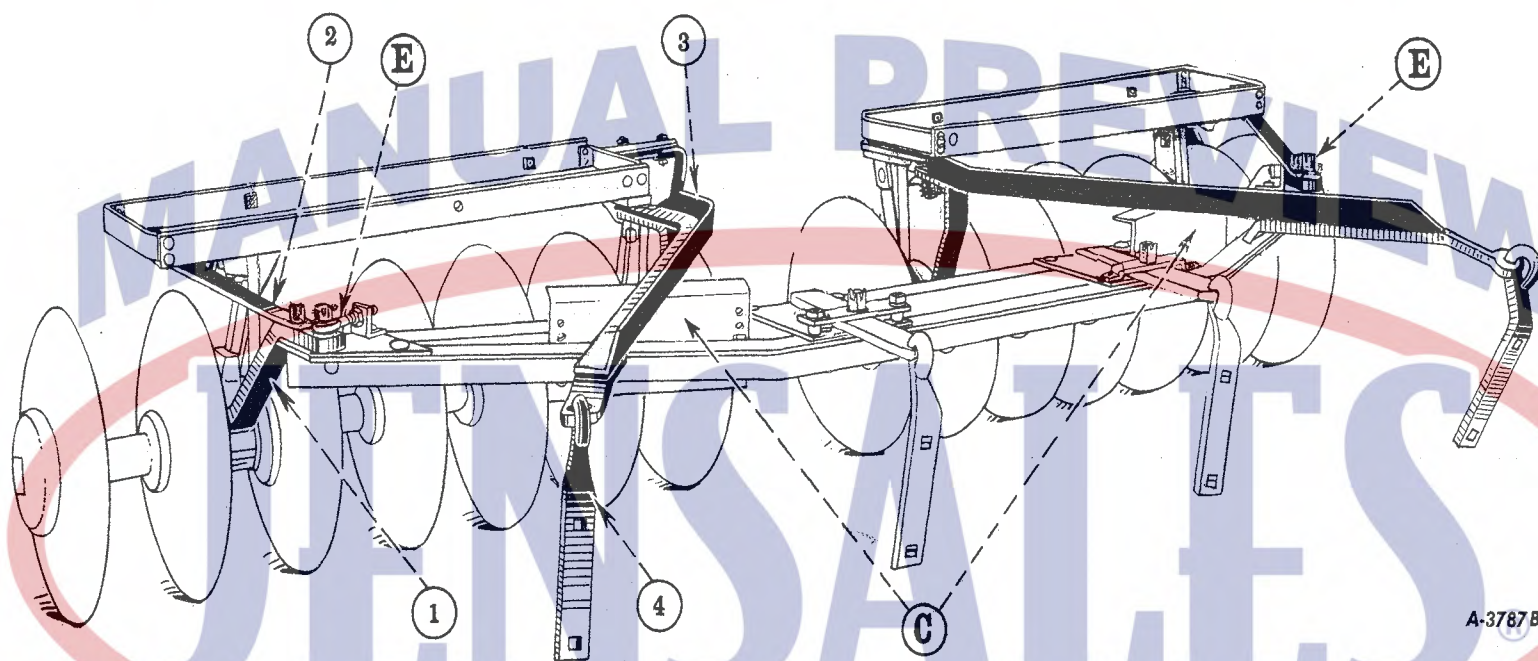
For best results, the draft angles (front frame) on the front harrow should be approximately level when the harrow is in working position. This setting may be obtained by raising or lowering the clevis in hitch plate "D". See *Illust. 3*.

If the harrow ridges the soil between the rear gangs, the soil may be levelled by moving the outer drawbars backward; if the harrow does not fill the center depression left by the front harrow, move the outer drawbar forward; the same adjustment may be obtained by adjusting bolt "E" inward to fill in the depression or outward to eliminate the ridge. See *Illust. 4*.

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REAR HARROW



Illustr. 4

1. Attach the rear harrow frame to the gangs with the bolts located in the bearings. Tighten nuts securely and spread cotters.

2. Secure the outer standard braces as illustrated.

3. Attach the outer drawbars, right and left, and the rear extensions to the inner gang bearings and weight boxes as shown. Tighten nuts securely and spread cotters.

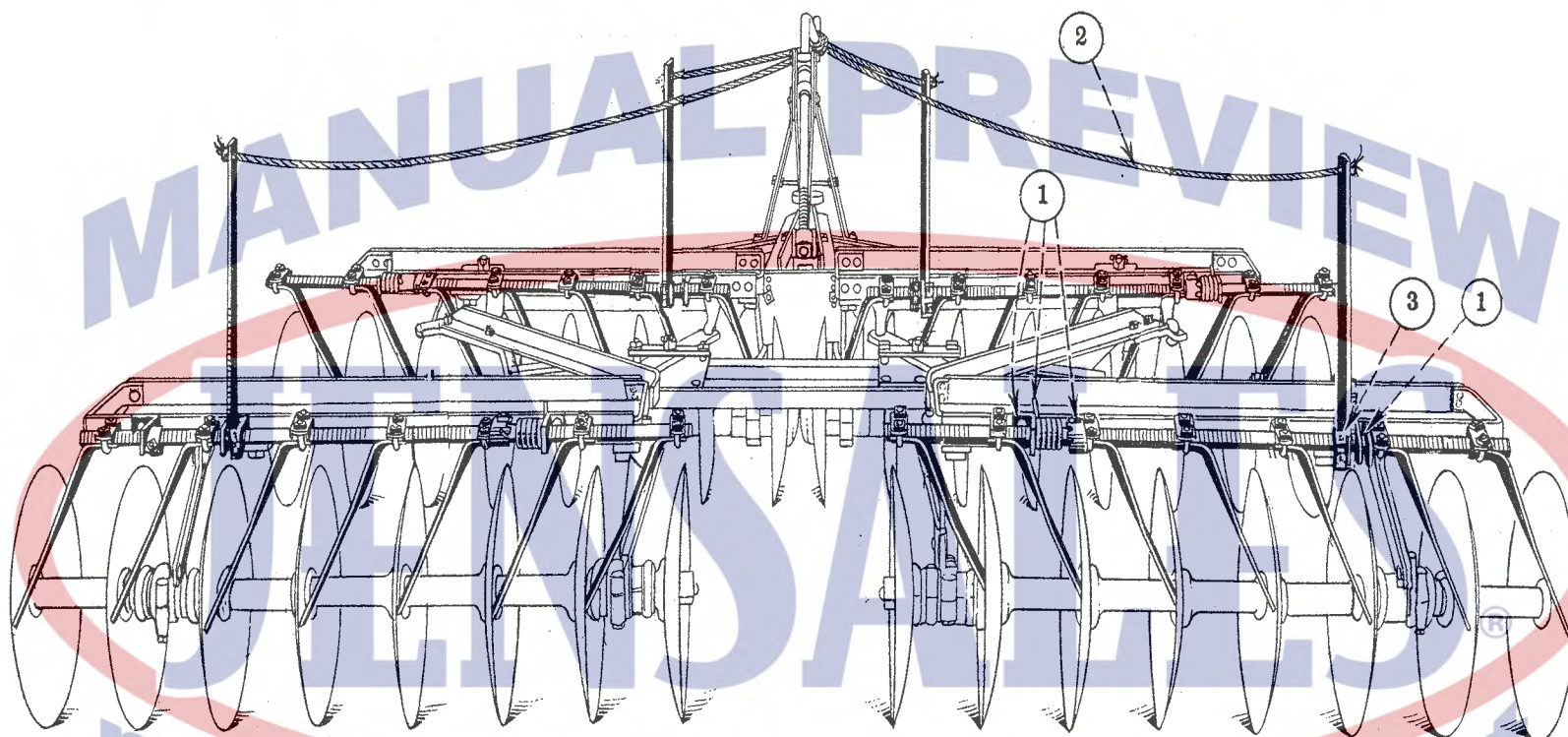
4. Move the front harrow into position and attach the rear harrow to the front harrow by means of the bolts through the connection eyes and weight box angles. The rear bolts through the connection eyes also secure the rear end of the front harrow weight box tie straps. See Illustration on page 2.

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ROCKING SCRAPERS



Illustr. 5 - Rear View.

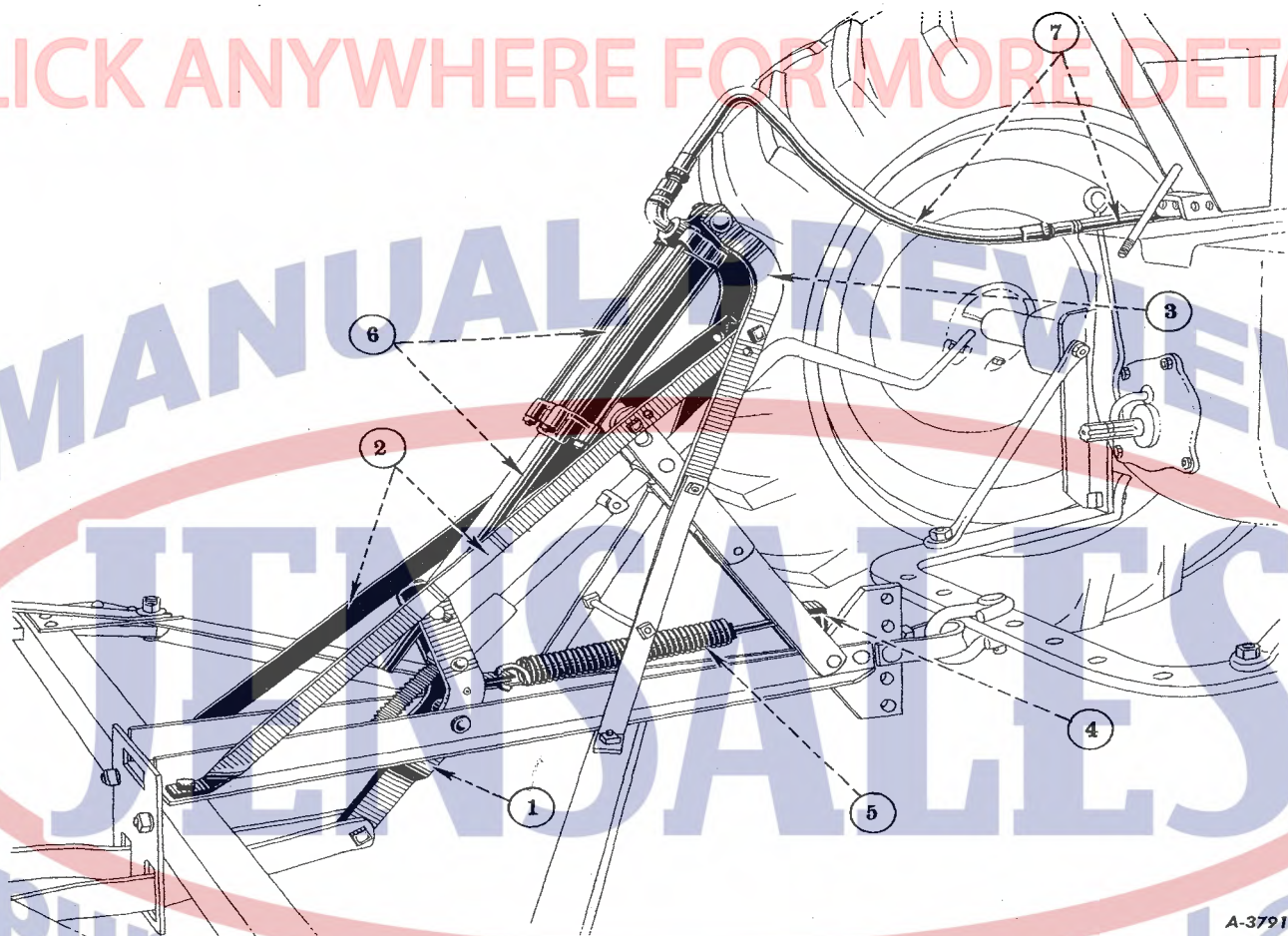
1. Attach the scrapers to the rear weight box angles by means of the bolts through the scraper bar hangers. The straight end of the scraper spring rests on the weight box angle. Hook the scraper spring in the spring holder.

2. Bolt the scraper levers securely to the scraper lever supports. Attach the scraper rocking ropes.

3. Adjust the stop bolts in the scraper lever supports by pushing the lever forward, and adjust upper bolt "G" (Illustr. 2) until the blades are about 1" from the edge of the disks. Then release the lever and adjust the lower bolt until sufficient clearance is obtained between the blades and the spacing spools. Tighten nuts "H".

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HYDRAULIC "LIFT-ALL" DE-ANGLING DEVICE (MANUAL SET) (Special)



Illustr. 10 - Manual set.

IMPORTANT: Before assembling the hydraulic de-angling unit, remove the pin from the upper collar of the adjusting screw crank. The collar must slide freely.

1. Remove the set lever and attach the new set lever to the set lever bars and manual crank.

2. Attach the braces.

3. Attach the cylinder standards.

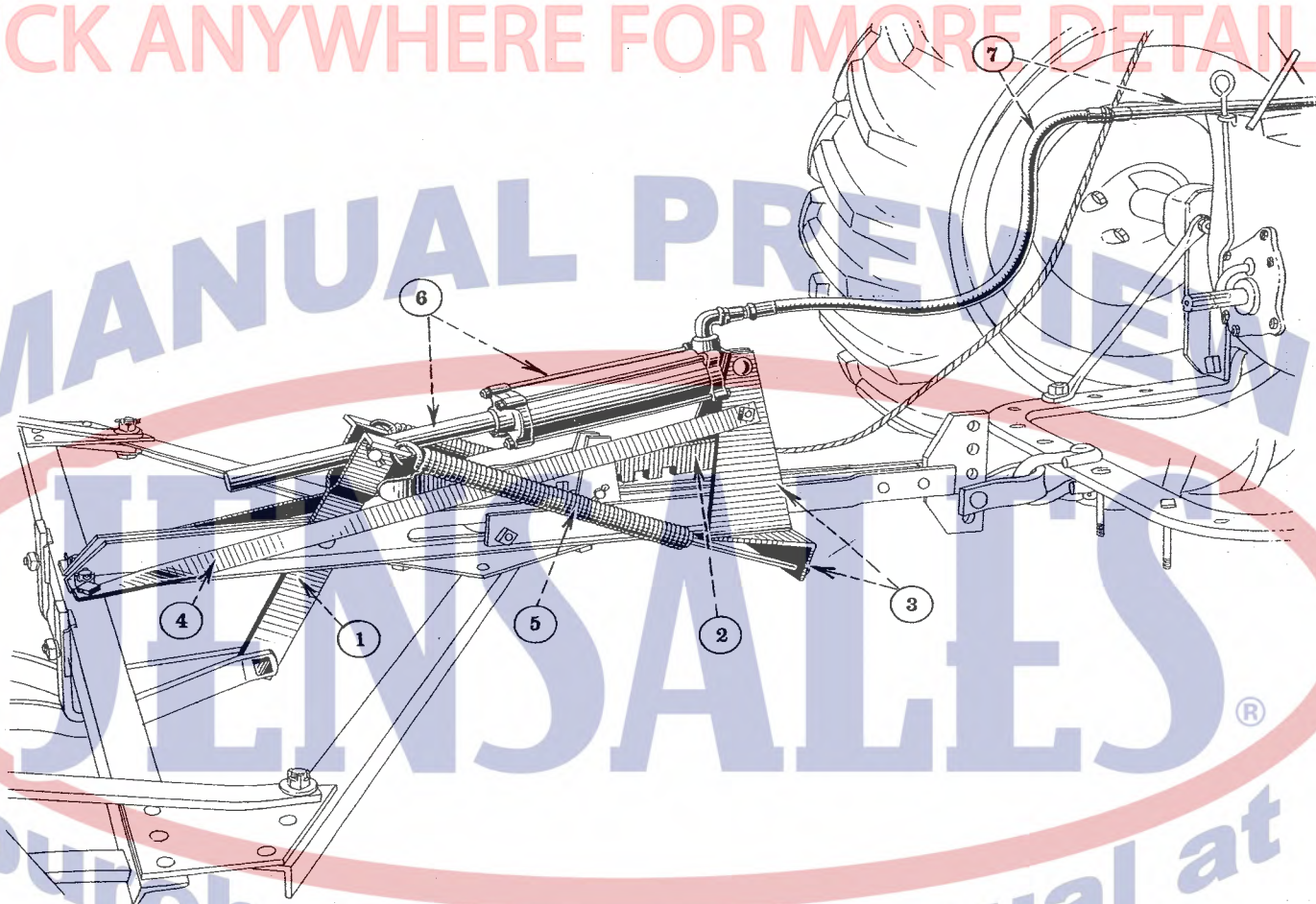
4. Place the tension spring stop between the draft angles, and secure with a cotter under the angles.

5. Connect the tension spring.

6. Connect the cylinder plunger sleeve; slide the cylinder into the sleeve and attach to the standards.

7. Attach the cylinder hose extension to the hose from the "Lift-All" and cylinder. **NOTE:** Use the hoses furnished with the "Lift-All".

HYDRAULIC "LIFT-ALL" DE-ANGLING DEVICE (POWER SET) (Special)



A-2856

Illustr. 11 - Power set.

1. Remove the set lever and adjusting bar. Attach the new set lever to the set lever bars and draft angles.
2. Attach the new adjusting bar to the sliding drawbar.
3. Attach the tension spring bracket with the cylinder standards to the draft angles.
4. Attach the braces.
5. Connect the tension springs.
6. Connect the cylinder plunger sleeve; slide the cylinder into the sleeve and attach to the standards.
7. Attach the cylinder hose extension to the hose from the "Lift-All" and cylinder. NOTE: Use the hoses furnished with the "Lift-All".