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OPERATING YOUR TRACTOR

Driving the Tractor

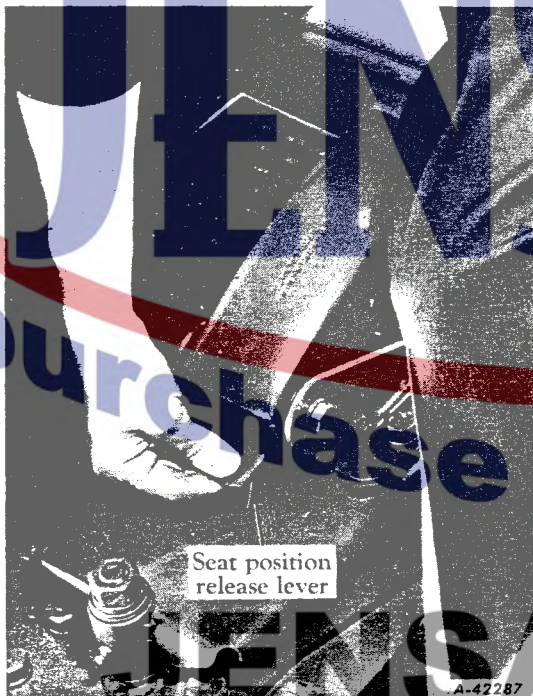
Adjusting the Seat

The hydraulic seat gives the operator the maximum in driving comfort.

Before starting the tractor, adjust the seat to provide the most comfortable position for the operator.

The seat is quickly and easily adjusted by means of the seat position release lever located at the front of the seat suspension unit. See *Illust. 14*.

Press down on the lever and move the seat forward or backward to the most comfortable operating position.



Illust. 14

Adjusting the seat.

Tilt-Back Seat Bracket

The seat pan is mounted on a tilt-back seat bracket which permits the seat pan to be flipped up (*Illust. 14A*), thus providing the operator ample standing room and a padded support to brace himself

against, when driving the tractor in a standing position.

The seat also can be tilted all the way back (*right, Illust. 14B*), to keep out rain and snow.



Illust. 14A

Seat tilted for driving in a standing position.



Illust. 14B

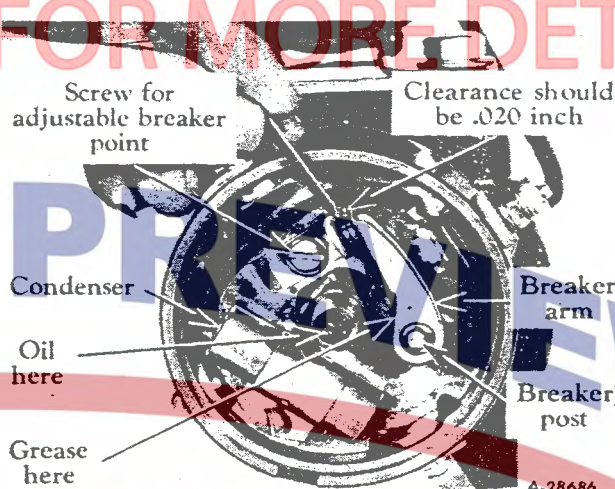
Tilt-back seat bracket.

MAINTENANCE

Battery Ignition Unit



Illustr. 50
Distributor wiring and lubrication.



Illustr. 50A
Adjusting the breaker points.

Lubrication

Every six months or after every 500 hours of operation, whichever occurs first, remove the grease plugs (Illustr. 50) and insert lubrication fittings. Apply pressure-gun grease (chassis lubricant) to the distributor fitting until a small quantity comes out of the relief hole opposite the plug. Apply several strokes of the lubricator to the fitting on the drive housing.

Remove the distributor cap and distributor rotor and apply one or two drops of light engine oil to the felt in the hole at the end of the breaker cam. See Illustr. 50A and 50B.

Greasing the Breaker Mechanism and Checking the Points

It is important that the breaker chamber be kept clean because oil on the breaker points will cause rapid burning. Remove the distributor cap, distrib-

utor rotor, and the breaker cover for breaker chamber inspection. See Illustr. 50B. Take care, when removing the breaker cover, to prevent dirt from entering the breaker chamber. Be sure the chamber is clean and that the breaker points are in good condition and have the proper opening.

Note: Never use emery cloth or sandpaper to clean the points. If the points are worn excessively, replace both points.

Fill the recess in the breaker post with grease and pack a small quantity of magneto grease in back of the breaker arm rubbing block. See Illustr. 50A and 50B. See your International Harvester dealer for the proper grease to use.

Check the condition of the breaker points for build-up or lip formation. If present, the points must be dressed before the point opening can be checked or set. To do this, use a sharp, fine file. Check the opening between the breaker points with a feeler gauge as shown in Illustr. 50A. The point

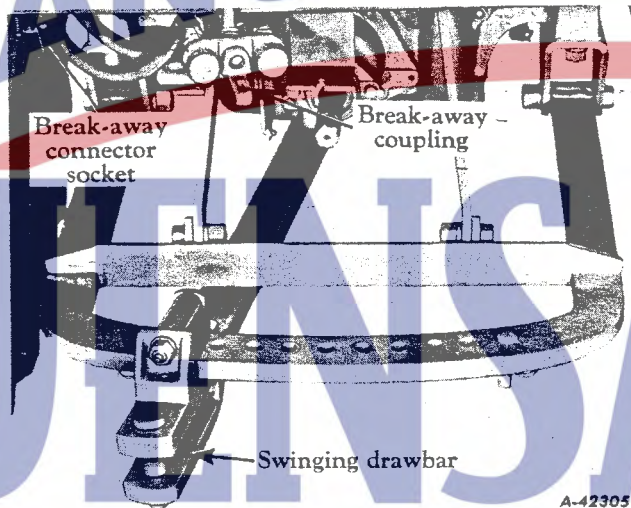


Illustr. 50B
Distributor partially disassembled for servicing.

EXTRA EQUIPMENT AND ACCESSORIES

Swinging Drawbar

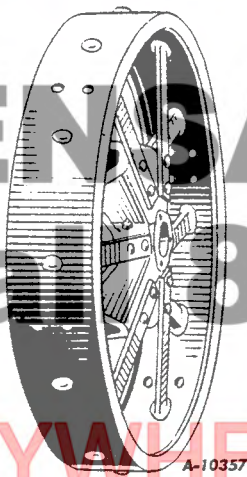
The swinging drawbar (*Illustr. 90*) is free to swing the full width of the regular drawbar, making it easier to turn the tractor under load when pulling trail-behind implements such as disk harrows. It also facilitates steering on the straightaway when the tractor is pulling a heavy load. The load exerts less sidewise pull on the tractor and therefore interferes less with the steering. This drawbar is especially desirable when working in small, irregularly-shaped fields.



Illustr. 91
Swinging drawbar.

Steel Front Wheels

30-Inch Diameter (6-Inch Face)
34-Inch Diameter (6-Inch Face)



Illustr. 91A
Steel front wheel.

Steel front wheels with skid rings are designed to replace front wheel pneumatic tire equipment.

If your tractor is equipped with pneumatic tires and you desire to change to steel wheels, see your International Harvester dealer.

Front Wheel Skid Rings

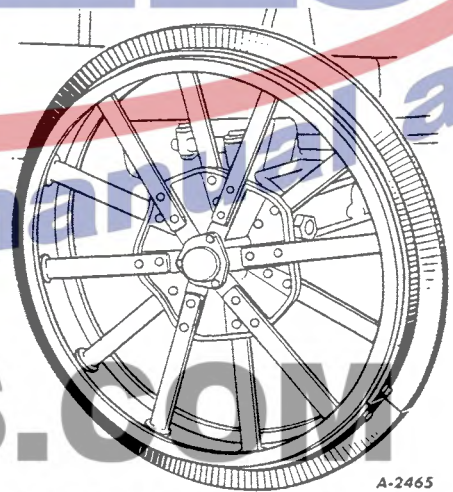
30-Inch Diameter (1½ Inches High)

30-Inch Diameter (2½ Inches High)

34-Inch Diameter (2½ Inches High)

Front wheel skid rings, 1½ inches and 2½ inches high, are available for tractors with 30-inch diameter steel wheels. 2½-inch high skid rings are also available for tractors having 34-inch diameter steel wheels. See *Illustr. 91B*.

The 1½-inch-high skid rings are used under normal operating conditions. The 2½-inch-high skid rings provide better control when operating in wet ground or when an extra-heavy implement is mounted on the rear of the tractor. The rings cut into the soil and make steering easier.



Illustr. 91B
Skid ring assembled on front wheel.

Front Wheel Extension Tire

(For 34-inch diameter steel wheels)

The purpose of the front wheel extension tire is to improve the traction and flotation of the tractor when operating in soft or loamy soil.

SPECIFICATIONS—Continued

CLICK ANYWHERE FOR MORE DET	With Pneumatic Tires			With Steel Wheels	
	18-26	14-34	15-34	54-in. dia.	
Transmission (Five-Speed)					
Speeds (miles per hour)	1st.....	2.3	2.4	2.5	2.6
	2nd.....	3.1	3.2	3.4	3.5
	3rd.....	4.4	4.5	4.8	4.9
	4th.....	5.3	5.5	5.8	6.0
	*5th.....	15.4	15.8	16.7	
	Reverse.....	2.8	2.9	3.1	3.2
*Fifth speed locked out when using steel wheels.					
Wheels and Tread					
Front wheels (pneumatic tire).....	7.50-18	7.50-18	7.50-18	.....	
Front wheels (steel).....	.....	.....	.....	34 x 6 in.	
Rear wheels (pneumatic tire).....	18-26	14-34	15-34	.....	
Rear wheels (steel).....	.....	.....	.....	54 x 12 in.	
Tread, front.....	52 in.	52 in.	52 in.	51½ in.	
Tread, rear.....	71 in.	60 in.	62 in.	57¾ in.	
Wheelbase.....	83½ in.	83½ in.	83½ in.	83¾ in.	
Turning radius (with brakes applied).....	12 ft. 7 in.	12 ft. 7 in.	12 ft. 7 in.	12 ft. 7 in.	
Skid ring (steel wheels).....	.....	.....	.....	2 in.	
Lugs (spade) (steel wheels).....	.....	.....	.....	6 in.	
General Dimensions					
Length, overall.....	135 in.	135 in.	135 in.	135 in.	
Width, overall (to outside edge of rear tires).....	94 in.	75¾ in.	81 in.	69¾ in.	
Height, overall (top of steering wheel).....	71¾ in.	72½ in.	74¼ in.	71½ in.	
Height, overall (top of open weather cap).....	88¾ in.	88½ in.	88½ in.	87½ in.	
Drawbar-vertical adjustment above ground level.....	13½, 16, and 18¾ in.	14½, 17, and 19¾ in.	16¼, 18¾, and 21½ in.	13½, 16, and 18¾ in.	
Drawbar-lateral adjustment (on each side of center hole).....	9⅝ in.	9⅝ in.	9⅝ in.	9⅝ in.	
Ground Clearance					
Under front axle.....	15 in.	15 in.	15 in.	††16⅛ in.	
Under rear frame.....	16 in.	16¾ in.	18½ in.	††15¾ in.	
††Based on steel wheels without lugs.					

Specifications are subject to change without notice.

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