



**White**  
**Operator's Manual**  
**4-210**  
**Field Boss**

**Operator's Manual**

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Form No. 432 448A

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MANUAL PREVIEW



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INTRODUCTION

This Operator's Manual is presented to furnish you with necessary information for operating and maintaining your tractor. Its primary purpose is to assist you in lubricating and adjusting the tractor for daily and seasonal operation. We especially wish to call your attention to the many safety slogans listed in this manual. Although your tractor is designed with the safety of operation in mind, possibilities of accidents cannot be completely eliminated until you understand and practice all safety precautions.

Timely service saves costly repairs and valuable time lost because of breakdowns. Whenever it becomes necessary to make REPAIRS or REPLACEMENTS on your tractor, be sure to insist on GENUINE WHITE FARM EQUIPMENT COMPANY PARTS. These parts are designed specifically for your tractor under controlled specifications to give satisfaction and long lasting service to which you are entitled. YOUR DEALER CAN SUPPLY YOU WITH PARTS YOU REQUIRE. For additional information consult your dealer.

**NOTE: THIS TRACTOR IS NOT DESIGNED FOR USE OF FRONT MOUNTED EQUIPMENT OTHER THAN THAT WHICH IS SPECIFICALLY APPROVED BY WHITE FARM EQUIPMENT COMPANY.**

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## SPECIFICATIONS

### MAXIMUM TIRE INFLATION AND LOAD RECOMMENDATIONS

| Tire Size | Ply | Tread | PSI | Load @ Specified Tire Pressure |     |            |
|-----------|-----|-------|-----|--------------------------------|-----|------------|
|           |     |       |     | Load (lbs.)                    | kPa | Load (kg.) |
| 18.4-38   | 8   | R1    | 20  | 5990                           | 138 | 2717       |
| 20.8-38   | 8   | R1    | 18  | 6820                           | 124 | 3094       |
| 20.8-38   | 10  | R1    | 22  | 7670                           | 152 | 3343       |
| 20.8-38   | 10  | R2    | 22  | 7670                           | 152 | 3343       |
| 23.1-34   | 8   | R1    | 16  | 7110                           | 110 | 3225       |
| 23.1-34   | 8   | R2    | 16  | 7110                           | 110 | 3225       |
| 24.5-32   | 10  | R1    | 20  | 8700                           | 138 | 3946       |
| 24.5-32   | 10  | R2    | 20  | 8700                           | 138 | 3946       |
| 30.5L-32  | 10  | R1    | 16  | 9120                           | 110 | 4137       |

NOTE: Front tire pressures may be increased 3-5 psi (20.7-34.5 kPa) more than rear tire pressures to avoid bouncing or rocking action when traveling at high speeds. Do not, however, exceed maximum tire pressure.

### DRAWBAR ADJUSTMENT AT HITCH POINT (IN INCHES - CENTIMETERS)

|                                               |               |
|-----------------------------------------------|---------------|
| Regular Drawbar (Used With Three-Point Hitch) |               |
| Vertical Height Variation                     | 4 (10.2)      |
| Horizontal Variation                          | 26-1/4 (66.7) |
| Length Variation                              | 4-5/8 (11.7)  |
| Wide Swinging Drawbar (Clevis Type)           |               |
| Vertical Height Variation                     | 8 (20.3)      |
| Horizontal Variation                          | 37-1/2 (95.3) |
| Length Variation                              | 5 (12.7)      |

### IGNITION AND ELECTRICAL

|                                     |                                                             |
|-------------------------------------|-------------------------------------------------------------|
| Alternator                          | 80 amp                                                      |
| Battery                             |                                                             |
| Number                              | 2 (12 volt)                                                 |
| Capacity                            | 575 Amperes @ 0° F. (-17.8° C.) cranking performance (each) |
| AABM/BCI Group No.                  | 30H                                                         |
| Tractor Circuit Breakers            |                                                             |
| Tail Warning and Wheel Guard Lights | 20 amp                                                      |
| Grille Lights                       | 15 amp                                                      |
| Accessories                         | 15 amp                                                      |
| Work Lights                         | 15 amp                                                      |
| Cab Fuses                           |                                                             |
| Compressor Clutch                   | 6 amp                                                       |
| Blower Motor                        | 30 amp                                                      |
| Dome Light                          | 6 amp                                                       |
| Lights                              |                                                             |
| Grille Head Lamps                   | 30-331 7293 (40/60 watt)                                    |
| Front Wheel Guard Flood Lamps       | 30-316 9898 (35 watt)                                       |
| Rear Flood Lamps                    | 30-316 9898 (35 watt)                                       |
| Combination Tail/Flood Lamps        |                                                             |
| Tail                                | 164 178A (32 CP)                                            |
| Flood                               | 20-700 0652                                                 |
| Warning Lamps                       | 164 178A (32 CP)                                            |

## LUBRICATION

### PROPELLER SHAFTS

Lubricate propeller shafts weekly or every 50 hours of operation, whichever comes first, with two pump strokes of hand gun using multi-purpose grease.

Apply grease carefully to universal joints to avoid damaging seals.



**WARNING! BE SURE ENGINE IS SHUT OFF AND ARTICULATION LOCKS ARE INSTALLED BEFORE LUBRICATING.**

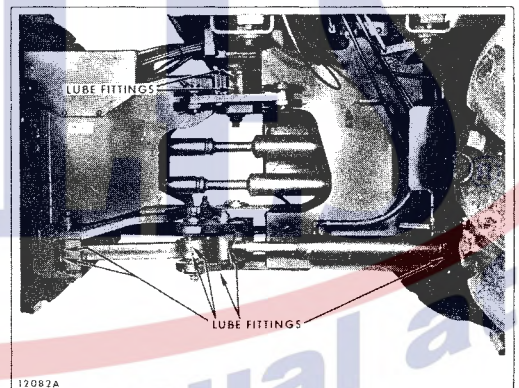


### CENTER FRAME

Lubricate pivot pin daily or every 10 hours of operation, whichever comes first, with pressure gun using multi-purpose grease.

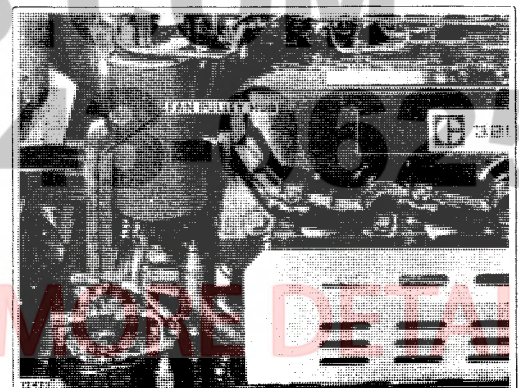
Lubricate left and right parallel link joints weekly or every 50 hours of operation, whichever comes first, with pressure gun using multi-purpose grease.

Lubricate steering cylinder pins daily or every 10 hours of operation, whichever comes first, with pressure gun using multi-purpose grease.



### FAN PULLEY HUB

Fan pulley hub requires lubrication service every 2500 hours of operation or 2 years, whichever comes first. Contact your dealer for this service.





### THREE-POINT HITCH

#### Control Linkage Adjustment

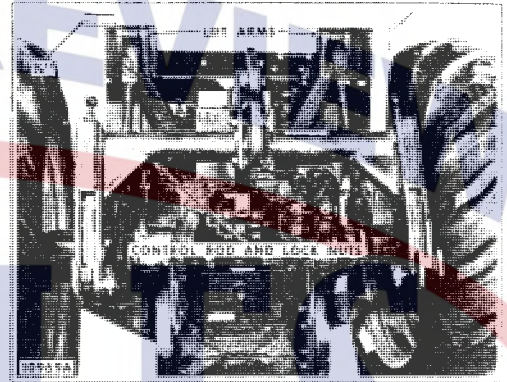


**WARNING! LOWER THREE-POINT HITCH AND STOP ENGINE BEFORE MAKING ADJUSTMENTS.**

Three-point hitch control linkage will not normally require adjustment. If linkage becomes bent or damaged, proceed as follows:

**Determine Maximum Travel** - Lower hitch and remove any attached implements. Raise hitch to maximum height and measure distance from top of transmission cover to center of lift arm pin. Lower hitch. Lengthen control rod two or three turns of adjust nut. Raise hitch and repeat measurement. Repeat procedure until there is no change in measurement, indicating lift arm has reached maximum travel.

**Adjust To Operating Position** - Lower hitch and adjust control rod to reduce left arm maximum travel to a position of 1/2 to 1-inch below maximum travel found above. Adjust by shortening control rod two turns of adjusting nut. One turn of adjusting nut reduces lift arm travel by approximately 1/2-inch. Raise hitch and check measurement. Repeat procedure until specified reduction in travel distance has been obtained.



#### Control Lever Tension Adjustment

To perform control lever tension adjustment, lower three-point hitch and shut off tractor engine.

Lower hitch, remove any attached implements and stop engine. Adjust tension on control lever friction discs by tightening retaining nuts until 18 lbs. (80.1 N) is required to "Lower" during last 1 inch (25.4 mm) of travel.



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