

OPERATOR'S CAB FOR 880 HYDROSTATIC DRIVE WINDROWER



JOHN DEERE

OPERATORS MANUAL OPERATOR'S CAB FOR 880 HYDROSTATIC DRIVE WINDROWER

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ENGLISH






To the Purchaser

This new operator's cab was carefully designed and manufactured to give years of dependable service. When any questions arise regarding service and adjustments, use your manual to service your operator's cab and air conditioner the RIGHT WAY. Each section is clearly identified so you can easily find the information you need--whether it is operation, lubrication, or adjustments and service. Read the Table of Contents to learn where each section is located.

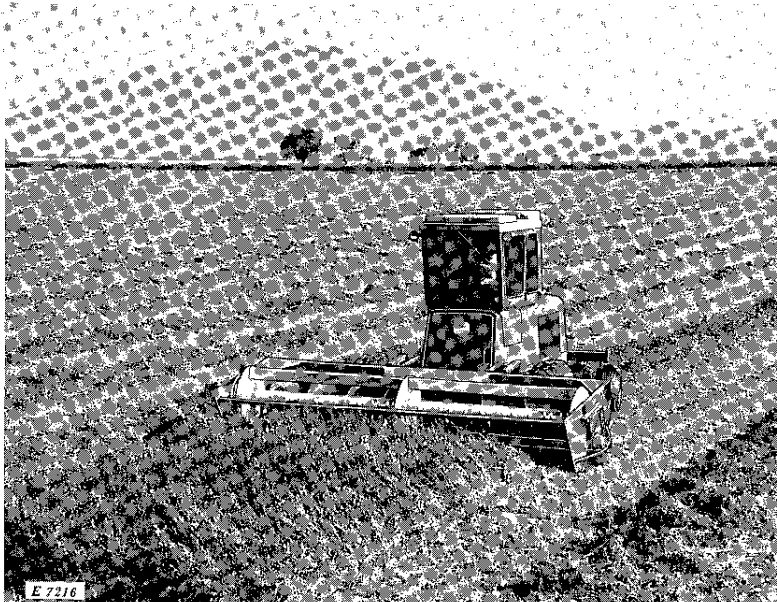
If you need additional information or special service on the operator's cab and air conditioner, see your John Deere dealer.

 This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

"Right-hand" and "left-hand" sides are determined by facing in the direction the windrower will travel when in use.

Record the purchase date in the space provided on page 15. Your dealer needs this information to give you prompt, efficient service when you order parts. If your operator's cab requires replacement parts, go to your John Deere dealer where you can obtain Genuine John Deere parts--accept no substitutes.

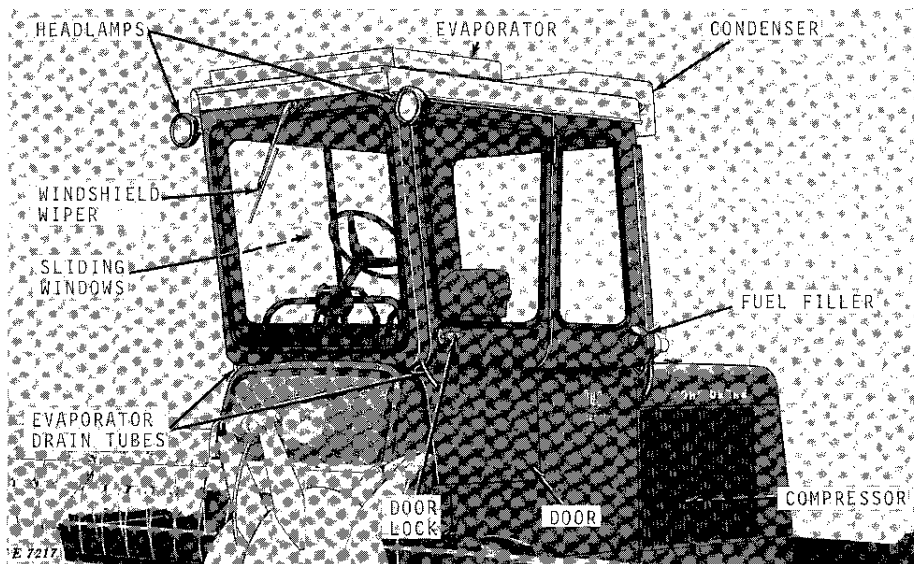
The warranty on this operator's cab appears on your copy of the purchase order which you should have received from your dealer when you purchased the operator's cab.





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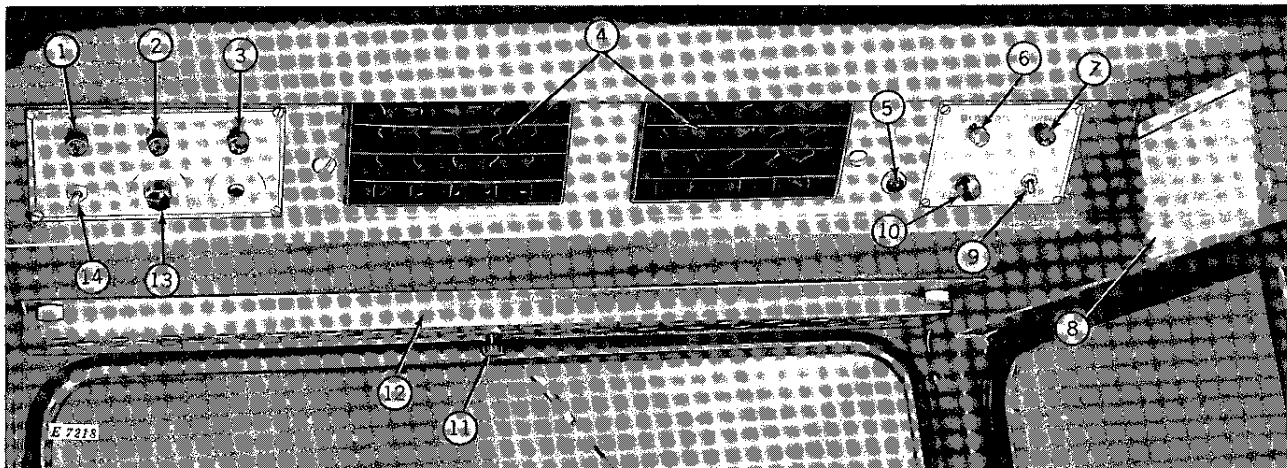
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John Deere Operator's Cab on 880 Windrower



Operation



- | | |
|-----------------------------|-------------------------------|
| 1 - Condenser Fuse | 8 - Decal - Warning Lamp |
| 2 - Compressor Clutch Fuse | 9 - Windshield Wiper Switch |
| 3 - Dome Lamp Fuse | 10 - Blower Control |
| 4 - Directional Air Louvers | 11 - Recirculating Air Damper |
| 5 - Warning Lamp | 12 - Filter Access Door |
| 6 - Blower Fuse | 13 - Temperature Control |
| 7 - Windshield Wiper Fuse | 14 - Select Switch |

Before using your new operator's cab with air conditioner acquaint yourself with the location and function of all controls illustrated above.

PRESSURIZER SYSTEM

The pressurizer system has a three-speed circulating blower, directional air louvers, and recirculating air dampers that provide a clean, comfortable draft-free air flow. With the windows and door closed, the pressurizer system and air conditioner will be more efficient. The pressurizer system will operate independently of the air conditioner.

Blower

The variable speed pressurizer blower determines how fast the air will be circulated in the cab. Turn the blower speed control clockwise to first position for low speed, second position for medium speed, and third position for high speed. Turn the blower speed control counterclockwise as far as it will go to shut off blower.

Directional Air Louvers

Directional air louvers control the directional distribution of the circulating air. With the pressurizer blower on, reposition the individual directional air louvers until desired air flow is attained.

Recirculating Air Damper

The recirculating air damper controls the amount of fresh air drawn in and air that is recirculated.

With the damper slots wide open, the air in the cab will be recirculated. When the damper slots are completely closed, only fresh air will be used in the pressurizer system. The size of the slot openings determines the amount of fresh and recirculated air that is used in the pressurizer system. With the damper slots open, the effectiveness of the pressurizer will decrease and air conditioner cooling capacity will be increased.

When dust conditions are severe, close the slots to increase pressurizer effectiveness.

To adjust the damper slots, loosen knob and slide the damper horizontally to attain desired air mixture. Tighten knob to maintain adjustment.

AIR CONDITIONER

The air conditioner brings fresh air into the cab, cools, filters, and recirculates it. The air conditioner is protected from serious damage by several safety devices that will shut off the system when a malfunction occurs. The safety devices are electrical fuses, overheat thermostat, and refrigerant loss switch. If air conditioner fails to operate properly, see "Trouble Shooting" section, page 11.

To operate the air conditioner, move the selector switch to "air condition" and turn the pressurizer blower control and air conditioner temperature control to desired settings.

For maximum cooling, operate pressurizer blower at high speed with air conditioner temperature control at coldest setting and the recirculating air dampers open.

For intermediate cooling, set the temperature control to a warmer setting and pressurizer blower control to medium or low speed with the recirculating air dampers closed.

To shut off air conditioner, move selector switch to "heater-pressurizer" position.

IMPORTANT: Be sure pressurizer blower is on and operating whenever selector switch is set on "air condition". If pressurizer blower is not on, serious damage will result to air conditioning system. If blower fails to operate, immediately turn off air conditioner and see "Trouble Shooting" section.

Warning Lamp

The warning lamp will illuminate constantly, or intermittently, if the air conditioner circuit is broken at any point between the temperature control and the clutch ground.

The lamp will illuminate if the following occurs:

1. Refrigerant is lost.
2. The condenser overheats due to plugging or fan motor failure.
3. The outside temperature drops below 38° F.
4. The clutch fuse burns out due to :
 - a. Burned up clutch
 - b. Short circuit in control circuit (violet wiring)
5. A severe restriction develops between the compressor and refrigerant-loss switch.

A decal on the right-hand side of the cab contains instructions for immediate reference if lamp illuminates.

Move the select switch to "press heater" position and turn temperature control "off" until trouble is corrected to prevent further damage to the system. In most cases, it will be only necessary to clean the condenser to correct problem. If the lamp continues to illuminate, see your John Deere dealer.

The warning lamp should be checked periodically to be sure the bulb is not burned out. To check bulb, remove the clutch fuse with the select switch on "air condition" and the temperature control in full cold position. When the fuse is removed the lamp bulb will illuminate. Replace fuse after check is made.

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