

5720 AND 5820 SELF-PROPELLED FORAGE HARVESTERS

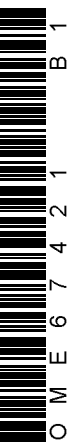


OPERATORS MANUAL 5720 AND 5820 SELF-PROPELLED FORAGE HARVESTERS

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ENGLISH



INTRODUCTION



This safety alert symbol indicates 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.



Worldwide symbols are used to assist identification and operation. In this manual, an identifying symbol is placed by the instructions like the example at left for the symbol on the engine oil pressure gauge. The cylinder block in the symbol represents the engine, the drop signifies oil, and the arrow represents pressure. Regardless of the language used in a nation, this symbol means engine oil pressure without translation.

This operator's manual contains SI metric equivalents which follow immediately after the U.S. customary units of measure.

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

The warranty on this harvester should be on your copy of the purchase order which you should have received from your dealer when making your purchase. This warranty provides you the assurance that John Deere will back its products where defects appear within the warranty period. In some circumstances, John Deere also provides field improvements, often without charge to the customer, even if the product is out of warranty.

Warranty and field improvements are a part of John Deere's product support program for customers who operate and maintain their equipment as described in this manual. Should the equipment be abused, or modified to change its performance beyond the original factory specifications, the warranty will become void and field improvements may be denied. Setting fuel delivery above specifications or otherwise overpowering machines will result in such action.

Record the serial numbers of your harvester and harvesting units in the space provided on page 243. Your dealer needs this information to give you prompt, efficient service when you order parts. If your harvester requires replacement parts, go to your John Deere dealer where you can obtain genuine John Deere parts - accept no substitutes.



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Safety

BEFORE OPERATING

1. Read operator's manual, machine decals and SAFETY section of this manual.
2. Remove foreign objects from the machine.
3. All shields must be in place and secure.
4. Become familiar with all controls.

SAFETY SIGNS



CAUTION or WARNING: These signs indicate the possibility of personal injury.

IMPORTANT: These signs indicate the possibility of damage to the machine.

Danger and warning signs are located in areas where they apply.

OPERATE SAFELY

Avoid contact with moving parts.

Modifications to the machine may impair the function and/or safety and affect machine life.

Keep hands, feet, and clothing away from power-driven parts.

Never clean, lubricate, or service the harvester when it is running.

Everyone must be clear before starting the engine or running attachments.

Use wagons with telescoping hitches to avoid moving harvester while a person is standing behind harvester to hitch wagon.

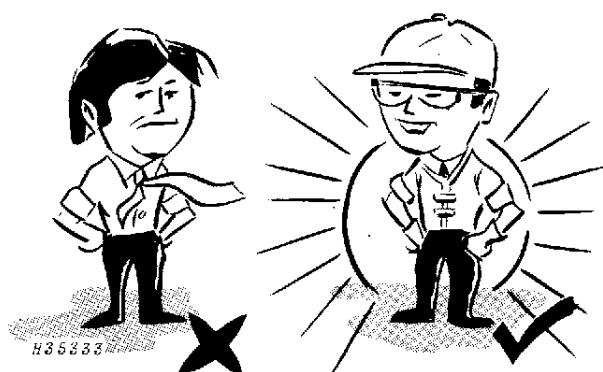
Never attempt to clear obstructions off harvesting unit head unless the harvester is stopped and the engine is shut off.

Never service harvesting unit without the unit being blocked up.

Never stand in path of the discharge spout while harvester is operating.

Never open cutterhead or blower housing doors while cutterhead is running.

Use a wood block in cutterhead to prevent cutterhead from turning when adjusting knives.



All machinery should be operated only by responsible persons who have been properly instructed and delegated to do so.

Keep guards and shields in place at all times when operating harvester.

Keep operator's platform clean. Do not use it as a place to carry loose tools, lunch boxes, etc.

Clothing worn by operator must be fairly tight and belted. Loose jackets, shirts, or sleeves must never be worn.

Provide a first-aid kit on the machine for use in case of an accident.

Replace badly frayed or worn belts before they break.

Use hand rail when mounting the harvester.

Keep harvester in gear when going down hills.

Always unhitch wagon on level ground.

Disengage power rear wheel drive when driving on icy roads or highways.

Only the operator should be allowed on the machine when the harvester is in operation.

Be sure to review the Corn Head operator's manual thoroughly for corn head safety suggestions.

Refuel your harvester only when the engine has been shut off. Do not smoke while refueling.

Refill the radiator only while the engine is shut off. To avoid being scalded, turn the cap slightly to allow steam to escape.

The air conditioner should only be serviced by a qualified service technician.

For cold weather battery problems, see page 26.

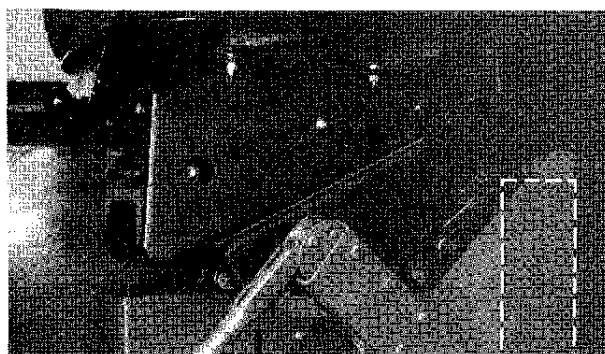
High voltage lines maintain a minimum ground clearance to avoid electrical shock. Do not exceed a height of 14 feet (4.27 m) with the harvester.

FIRE EXTINGUISHER

Keep the engine clean and free of dust, chaff, and straw to prevent the possibility of a fire.

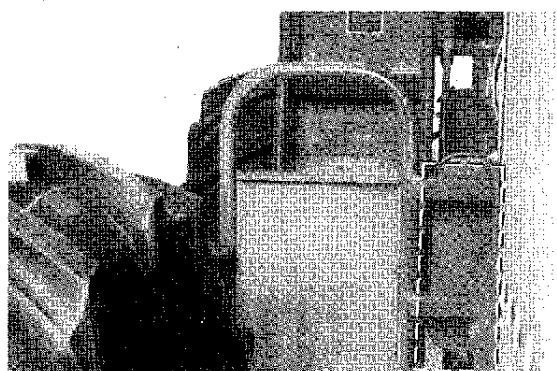
Two six pound (2.7 kg) general purpose (type A, B, and C) fire extinguishers should be mounted on the machine at the following locations:

In the cab on the left-hand side of the seat support.



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On the rear side of the ladder landing frame next to the engine frame.



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AVOID NOISE



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Prolonged exposure to loud noise can cause hearing impairment or loss.

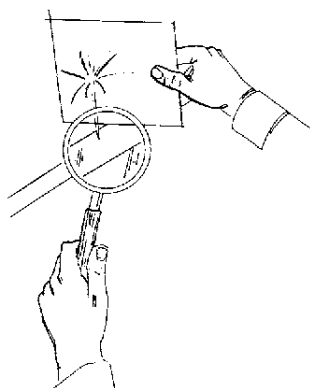
Wear a suitable hearing protective device such as earmuffs (A) or earplugs (B) to protect against loud or continued noise.

Noise protection is recommended when operating the machine with the cab door or window open.

A—Earmuffs

B—Earplugs

AVOID HIGH PRESSURE LEAKS



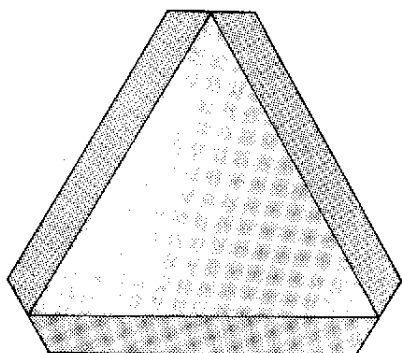
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Escaping fluid under pressure can have sufficient force to penetrate the skin, causing serious injury. Before disconnecting lines, be sure to relieve pressure. Before applying pressure, be sure connections are tight and lines, pipes and hoses are not damaged. Use a piece of cardboard or wood, rather than hands, to search for leaks.

If injured by escaping fluid, see a doctor at once. Serious infection or reaction can develop if proper medical treatment is not administered immediately.

TRANSPORT SAFELY



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Check local governmental regulations regarding driving or towing equipment on public roads. For towed equipment use auxiliary lights and devices available from your John Deere dealer to warn other vehicle operators.

MOUNT TIRES SAFELY

Failure to follow proper procedures when mounting a tire on a wheel or rim can produce an explosion which may result in serious injury or death. Do not attempt to mount a tire unless you have the proper equipment and experience to perform the job. Have it done by your John Deere dealer or a qualified tire repair service.

When sealing tire beads on rims, never exceed 35 psi or maximum inflation pressures specified by tire manufacturers for mounting tires. Inflation beyond this maximum pressure may break the bead, or even the rim, with dangerous explosive force. If both beads are not seated when the maximum recommended pressure is reached, deflate, reposition tire, relubricate bead, and reinflate.

Detailed agricultural tire mounting instructions, including necessary safety precautions, are contained in John Deere Fundamentals of Service (FOS) Manual 55, Tires and Tracks, available through your John Deere dealer. Such information is also available from the Rubber Manufacturers Association and from tire manufacturers.

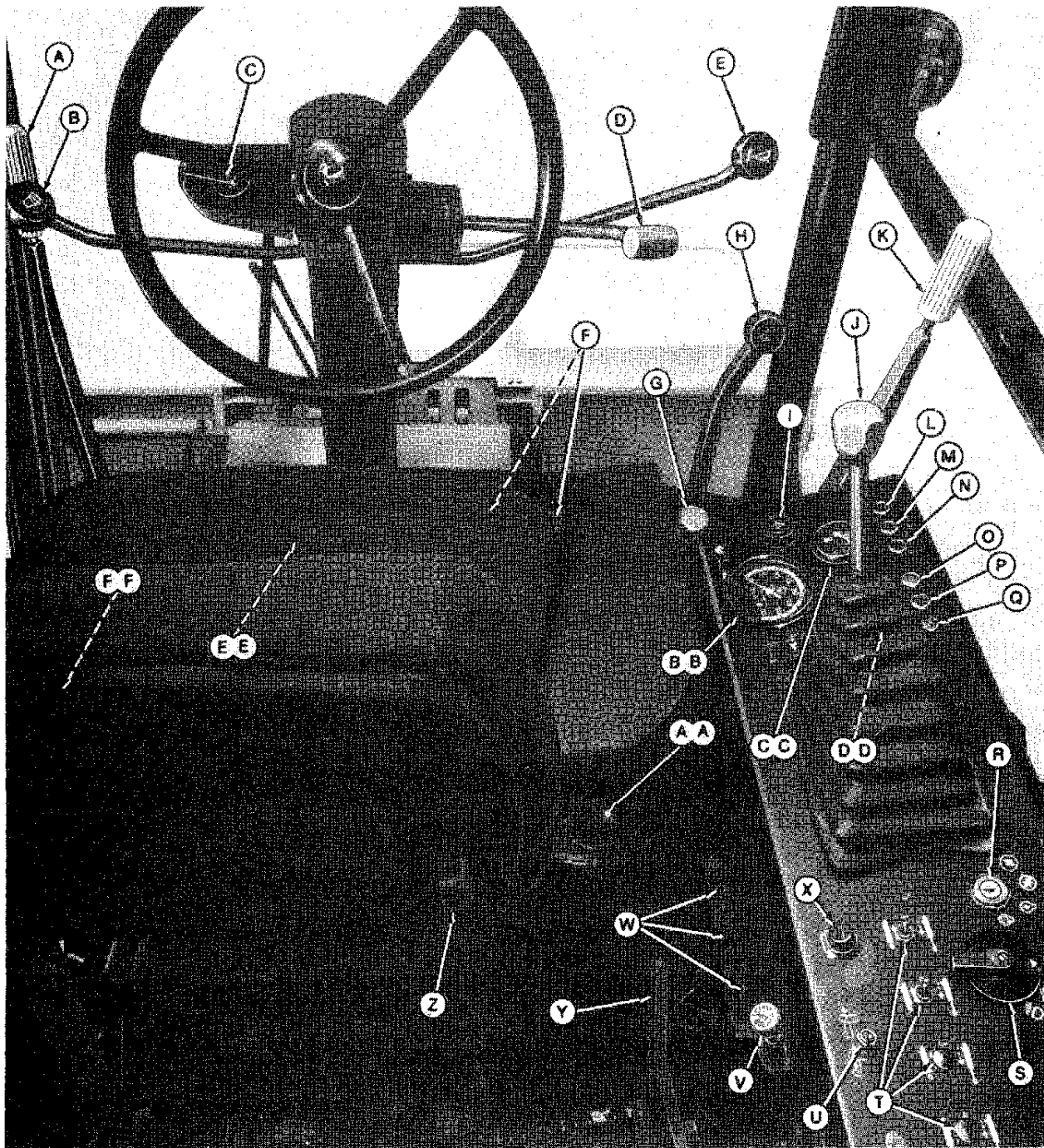
LEAVING HARVESTER UNATTENDED

Before leaving harvester unattended, turn off engine and remove keys. The gear shift lever must be in neutral and the parking brake engaged. Lock cab doors.



Operator's Station

OPERATOR CONTROLS AND INSTRUMENTS



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