

5440 and 5460 Self-Propelled Forage Harvesters



OPERATORS MANUAL 5440 and 5460 Self-Propelled Forage Harvesters

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John Deere Ottumwa Works
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LITHO IN U.S.A.
ENGLISH






To the Purchaser

This forage harvester was carefully designed and manufactured to give years of dependable service. To keep it running efficiently, read the instructions in this operator's manual. Each section is clearly identified so you can easily find the information you need - whether it is operation, lubrication, or service. Read the Table of Contents to learn where each section is located. Use the alphabetical index for fast reference.

In addition to the equipment furnished with your forage harvester, harvesting units are available to help you do a better job in special crop conditions. These are described in the harvesting units and attachments section of this manual and can be purchased from your John Deere dealer.

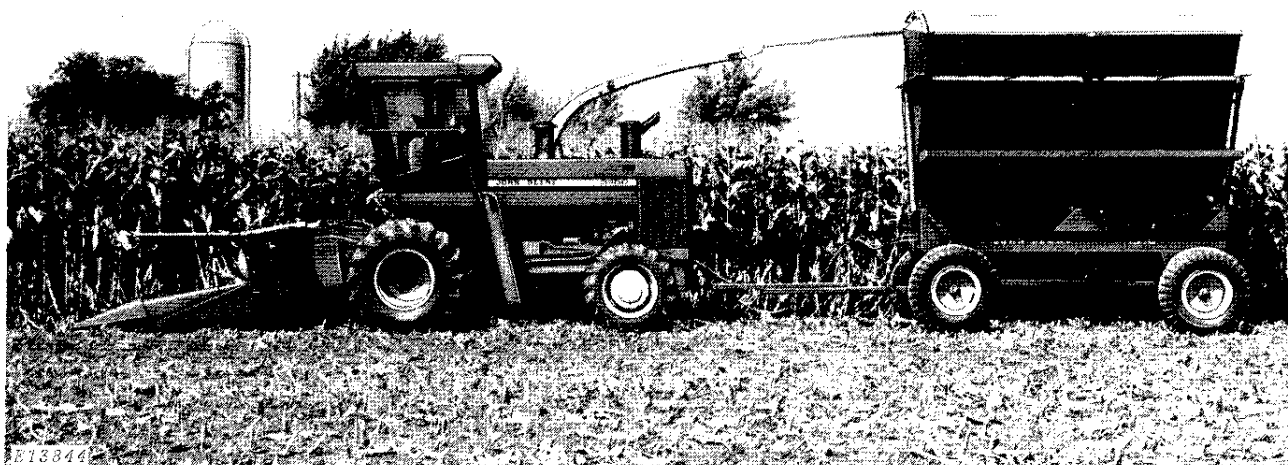
 This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

Because John Deere sells its products world-wide, U.S. units of measure are shown with their respective Metric equivalents throughout this operator's manual. These equivalents are the SI (International System) Units of Measure.

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

Record your forage harvester and harvesting units serial numbers in the spaces provided on page 179. 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.

The warranty on this forage harvester and harvesting units appears on your copy of the purchase order which you should have received from your dealer when you purchased the forage harvester.





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Safety Suggestions

! The safety of the operator was one of the prime considerations in the minds of John Deere engineers when this harvester was designed. Shielding, simple adjustments, and other safety features were built into the harvester wherever possible.

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

Only the operator should be allowed on the operator's platform when the harvester is in operation.

Clothing worn by the harvester operator should be fairly tight and belted. Loose jackets, shirts, or sleeves should never be worn because of the danger of getting into moving parts.

Be sure shields and guards are in place and in good condition before starting in the field.

Use the hand rail when mounting the harvester.

Make sure everyone is clear of the harvester before starting so they cannot be struck by moving parts or caught in a drive belt or chain.

Be especially careful when operating on hillsides. The harvester may tip sideways if it strikes a hole, ditch, or other irregularity.

Keep harvester in gear when going down hills.

Never clean, oil, or adjust the harvester when it is running.

Do not stand behind harvester while moving to hook-up wagon. Use wagons with telescoping hitches to avoid moving harvester while a person is standing behind harvester to hitch wagon.

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

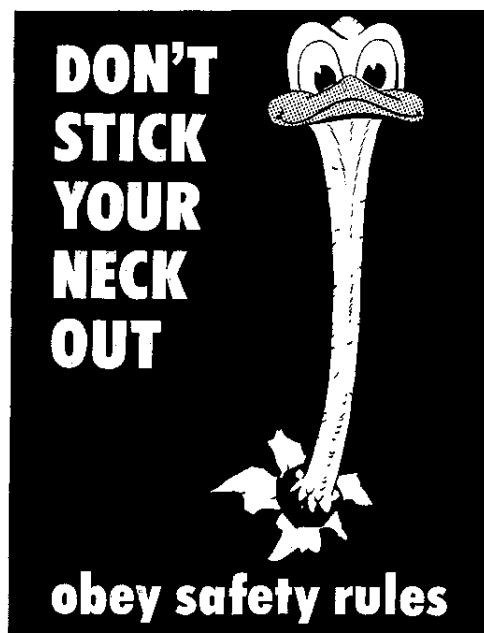
Never attempt to clear obstructions off harvesting unit head unless the harvester is stopped and the engine is shut off.

Provide a first-aid kit for use in case of accident. Use proper antiseptics on scratches and cuts without delay.

Replace badly frayed or worn belts before they break.

Never clean, oil, or adjust the harvester when the engine is running.

Do not smoke while filling the fuel tank or servicing the fuel system.



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Escaping fluid under pressure can have sufficient force to penetrate the skin causing serious personal injury. Before disconnecting lines, be sure to relieve all pressure. Before applying pressure to the system, be sure all connections are tight and that lines and hoses are not damaged. Fluid escaping from a very small hole can be almost invisible. Use a piece of cardboard or wood, rather than the hands, to search for suspected leaks.

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

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

Never open cutterhead or auger doors while cutterhead is running.

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

Always unhitch wagon on level ground.

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

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

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

Refuel your harvester only when the engine has been shut off. Do not smoke or have an open flame when refueling or servicing.

Maintain a fully charged fire extinguisher in an easily accessible location and be familiar with its correct use.

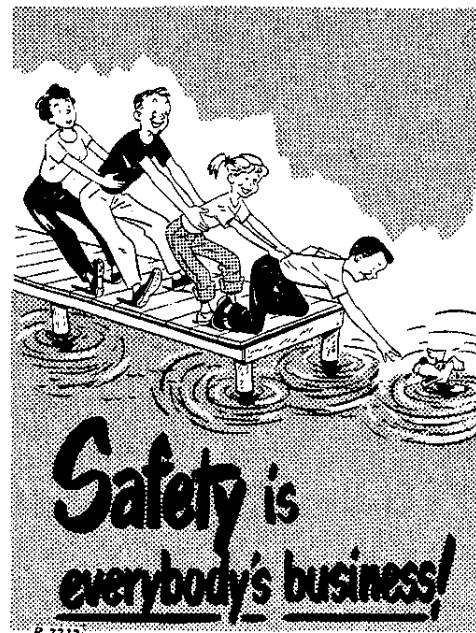
Refill the radiator only when the engine is stopped or idling slowly. The harvester has a pressure cooling system. To avoid being scalded when the radiator cap is removed, first turn cap slightly to the stop which allows steam to escape through the overflow pipe. After all pressure is relieved, remove the cap.

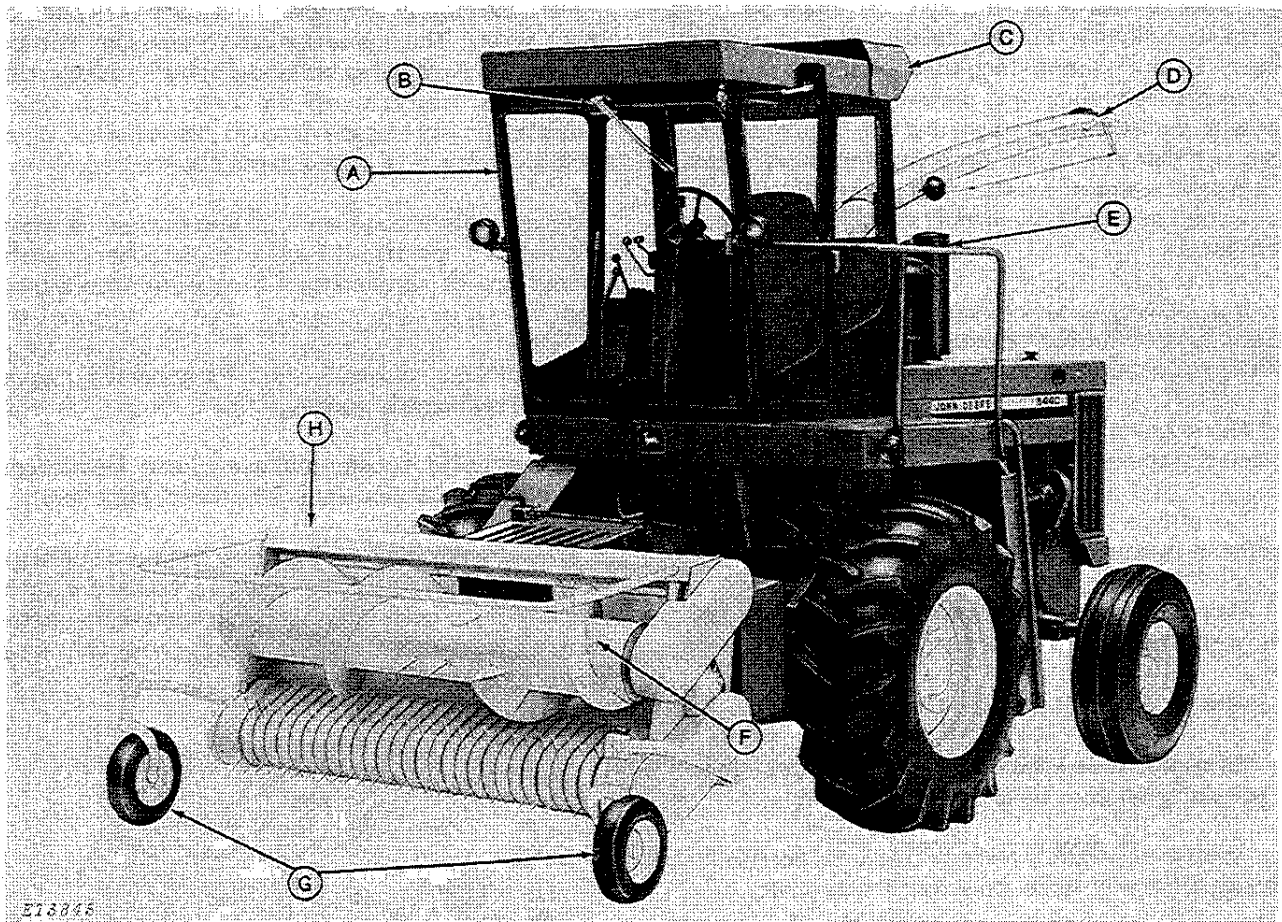
Air conditioner refrigerant is very dangerous when not handled properly. The air conditioner system should only be serviced by a qualified service technician.

Do not add cold water to an overheated engine unless the engine is running.

Before using booster batteries, read instructions under "Cold Weather Battery Service," page 103.

When transporting the harvester on a road or highway at night or during the day, use accessory lights and devices provided for adequate warning to operators of other vehicles. In this regard, check your local governmental regulations.

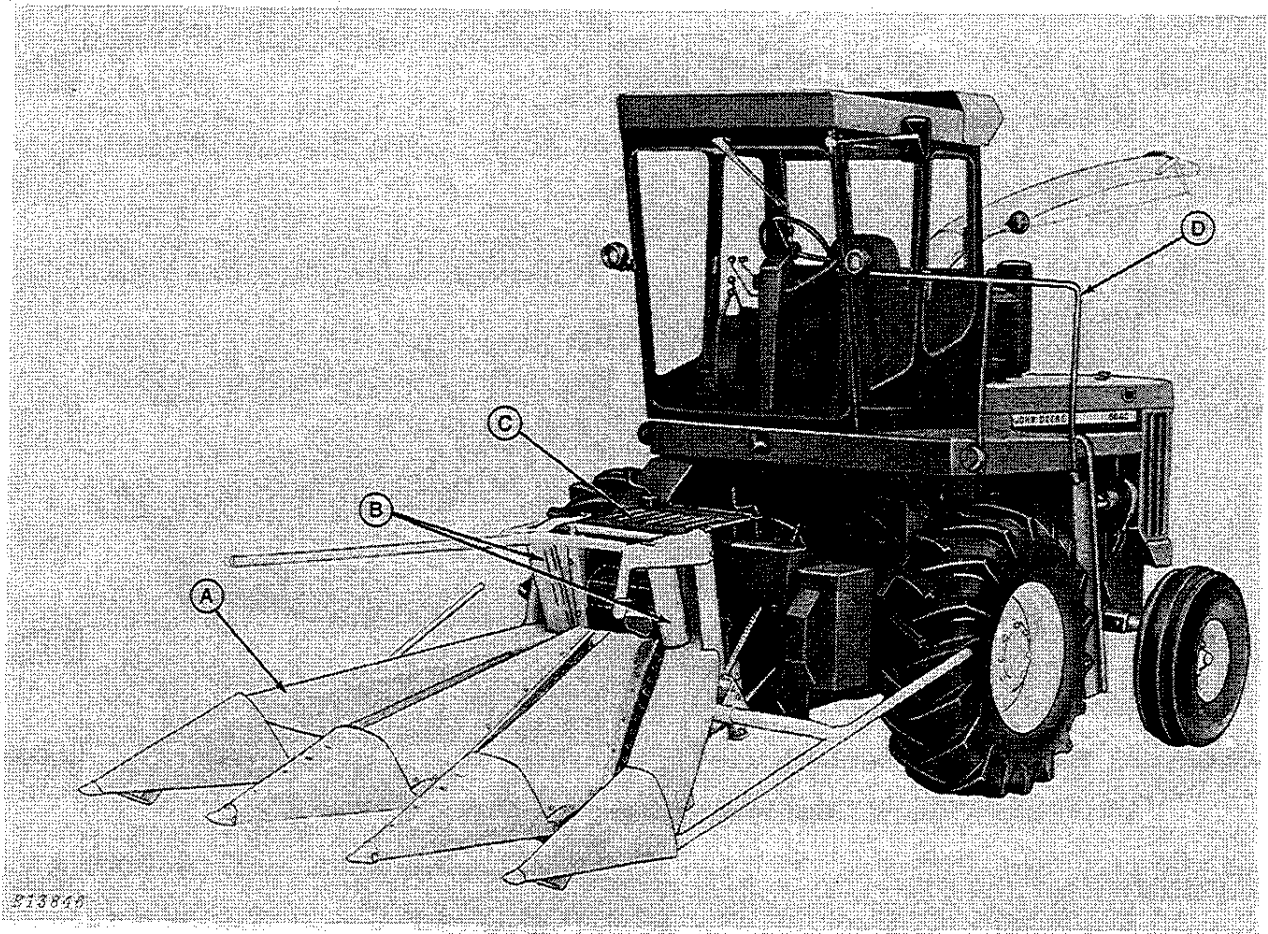




A—Cab
B—Windshield Wiper
C—Air Intake
D—Discharge Spout

E—Muffler
F—Auger
G—Gauge Wheels
H—Pickup Unit

5440 Forage Harvester with Pickup Unit



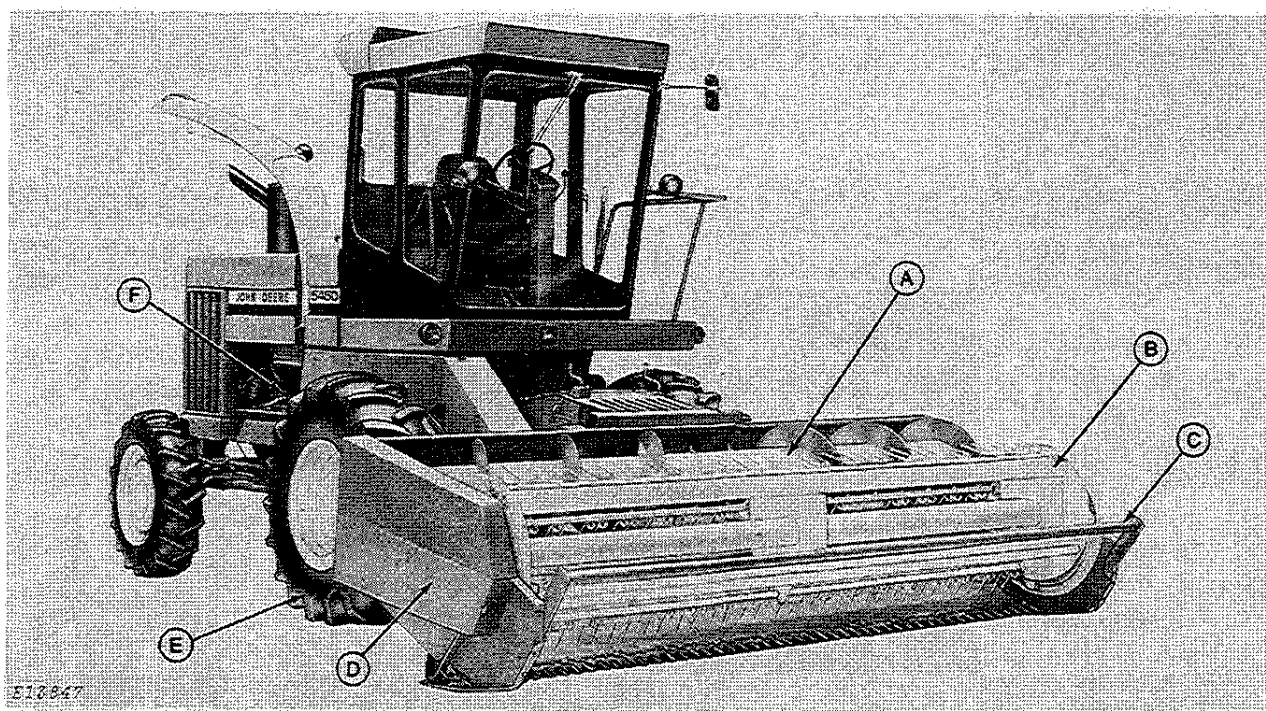
A—3-Row Row-Crop Unit

B—Gatherer Feed Rolls

C—Cutterhead

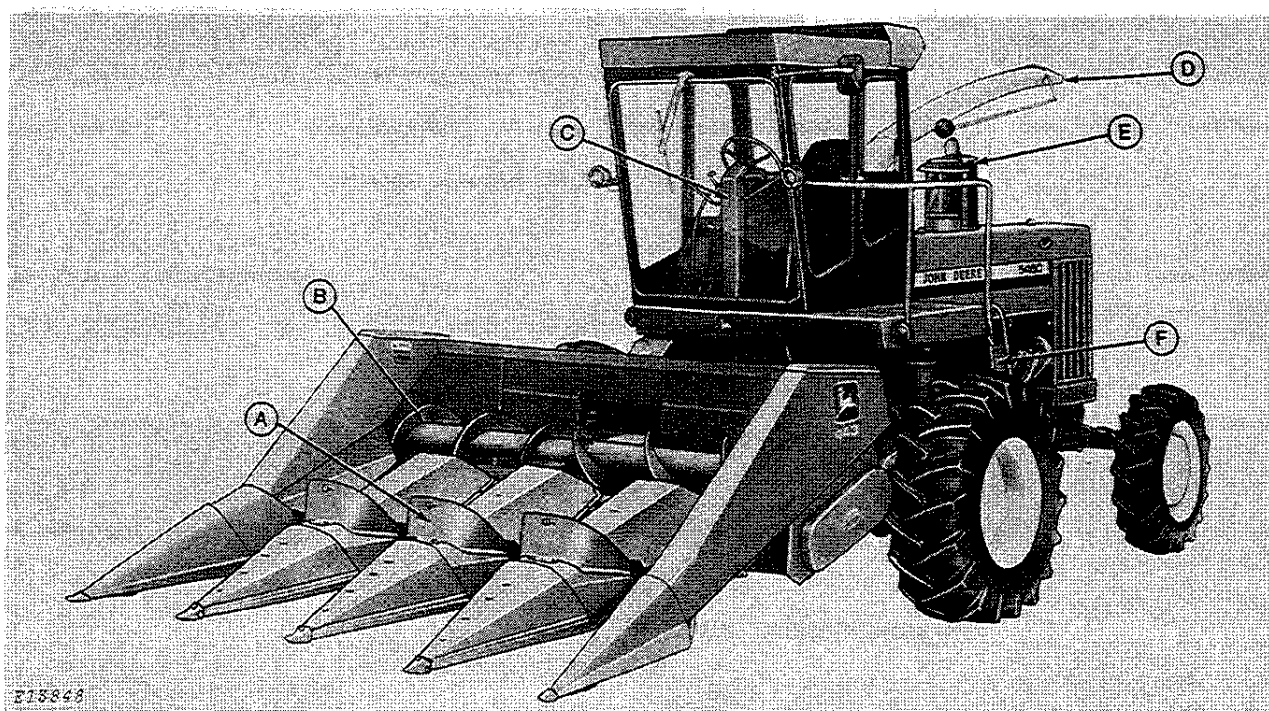
D—Hand Rail

5440 Forage Harvester with 30-inch (762 mm) 3-Row Row-Crop Unit



A—Auger B—Reel C—Knockdown Bar D—Mower Bar E—Drive Wheel F—Engine

5460 Forage Harvester with Mower Bar Unit



A—Corn Head B—Auger C—Steering Column D—Discharge Spout E—Muffler F—Ladder

5460 Forage Harvester with 443 Corn Head Unit

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