

JOHN DEERE 40 SERIES CORN HEADS



OPERATORS MANUAL JOHN DEERE 40 SERIES CORN HEADS

OMH95662 J6 English

JOHN DEERE HARVESTER WORKS
OMH95662 J6

LITHO IN THE U.S.A. (REVISED)
ENGLISH






To the Purchaser

This new corn head 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, adjustments, lubrication, or service. Read the Table of Contents to learn where each section is located.

This manual includes model 243, 244, 343, 344, 443, 444, 543, 546, 642, 643, 644, 645, 842, and 843 Corn Heads.

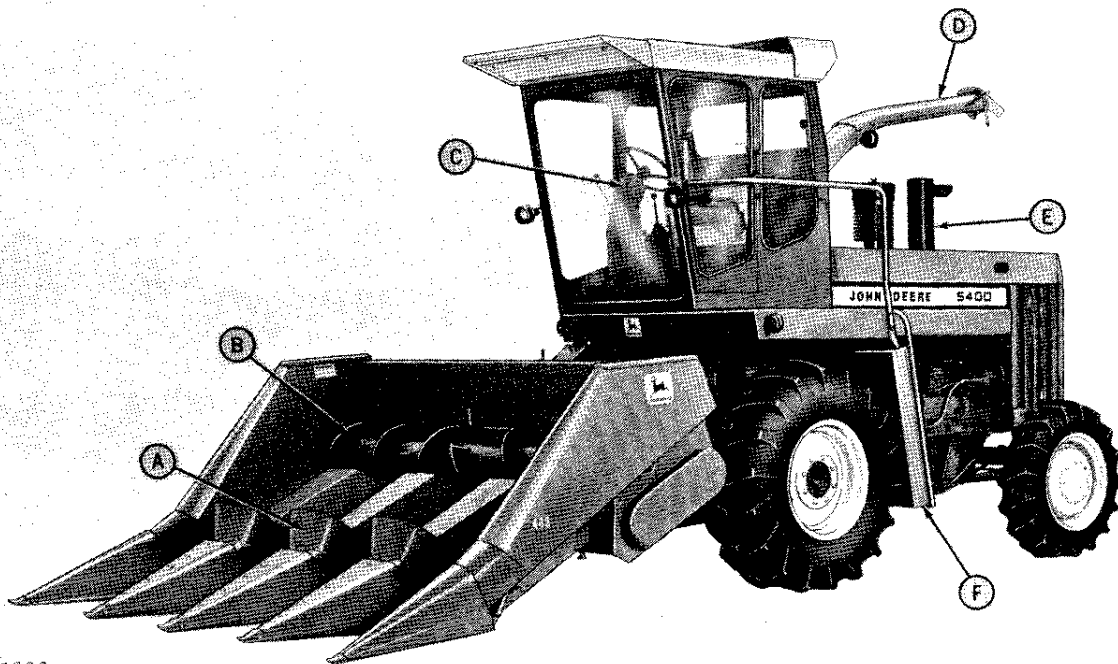
 This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

Your 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 corn head will travel when in use.

Record your corn head serial number in the space provided on page 43. Your dealer needs this information to give you prompt, efficient service when you order parts. If your corn head requires replacement parts, go to your John Deere dealer where you can obtain Genuine John Deere parts—accept no substitutes.

The warranty on this corn head appears on your copy of the purchase order which you should have received from your dealer when you purchased the corn head.



H11736

A—Corn Head
B—Corn Head Auger
C—Steering Column

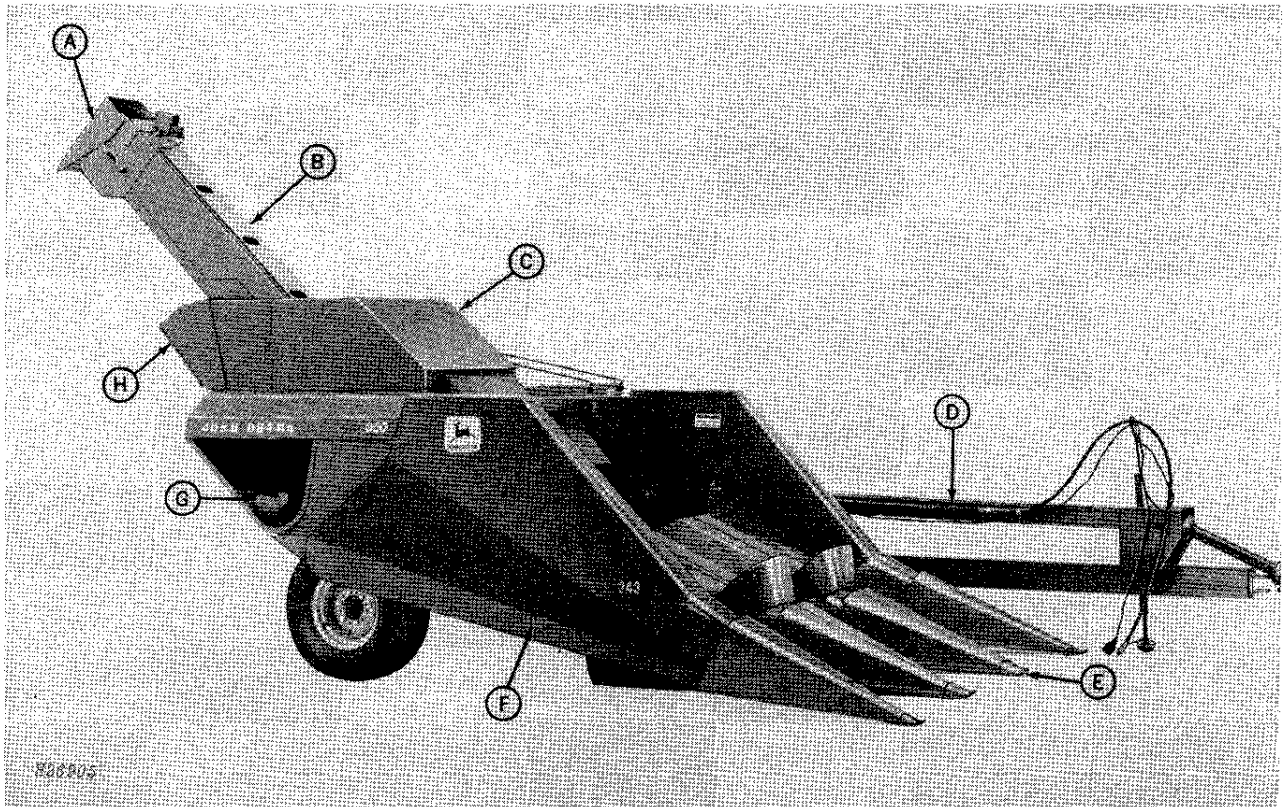
D—Discharge Spout
E—Muffler
F—Ladder

5400 Forage Harvester with 443 Corn Head Unit



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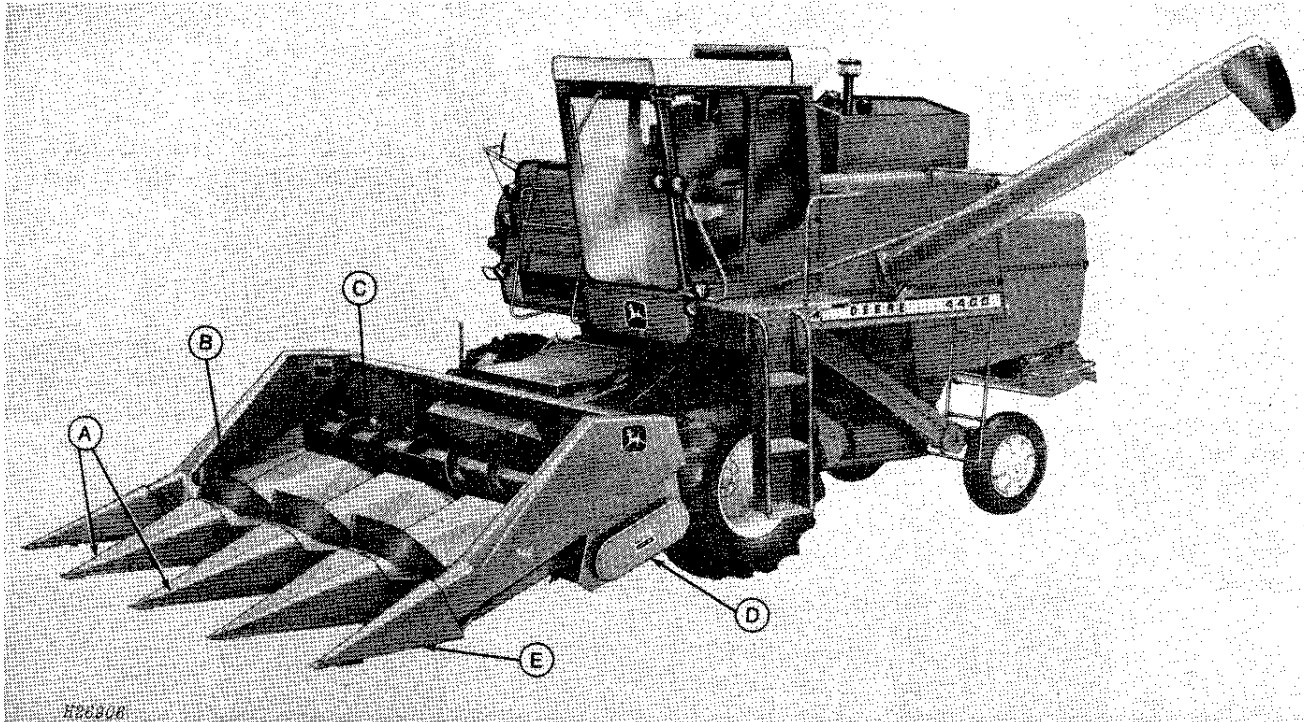


A—Hood
B—Wagon Elevator
C—First Elevator Hood

D—Powershaft Shield
E—Gatherer Points
F—Wheel Shield

G—Trash Auger
H—Exhaust Hood

John Deere 343 Corn Head on 300 Corn Husker

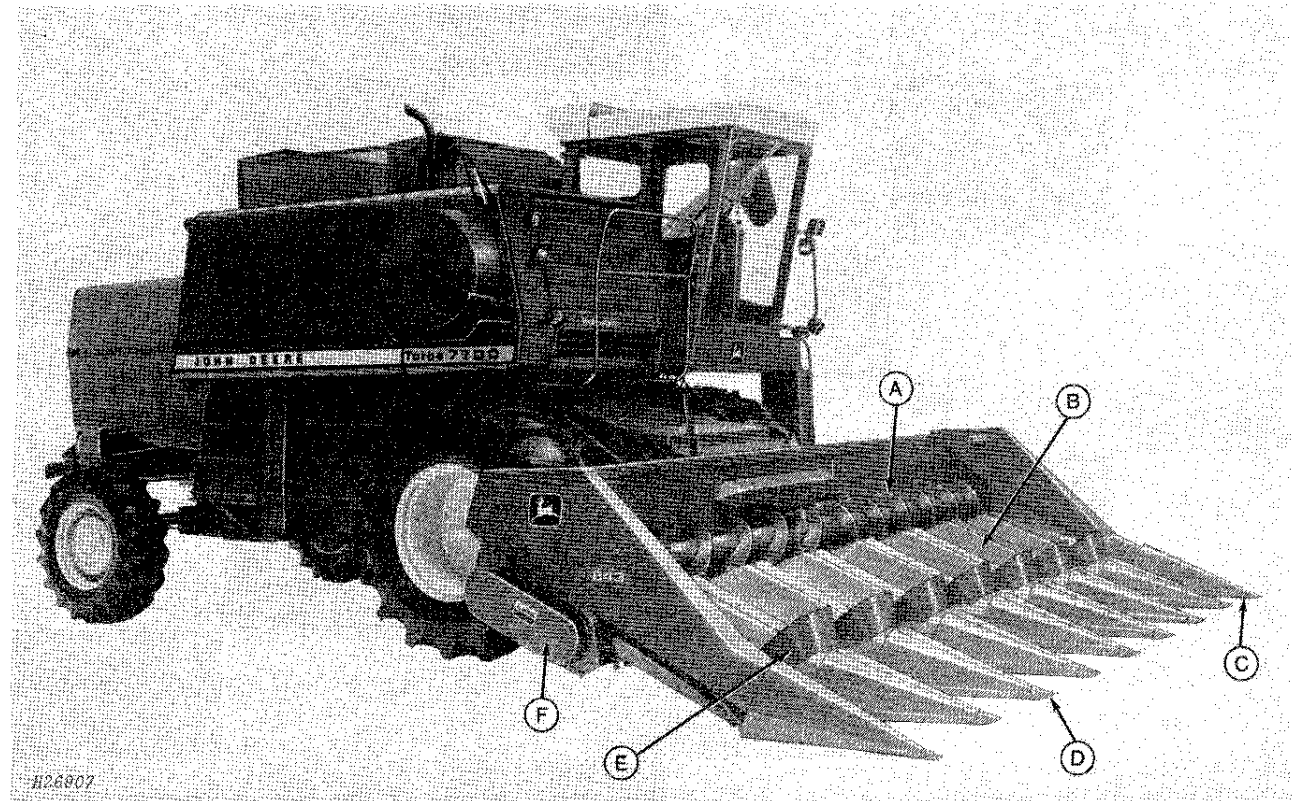


A—Inner Gatherer Points
B—Center Shields Extensions

C—Cross Auger
D—Row Unit Drive Shield

E—Outer Gatherer Point

444 Corn Head on 4400 Combine



A—Cross Auger
B—Center Shield

C—Outer Gatherer Points
D—Inner Gatherer Points

E—Center Shield Extension
F—Row Unit Drive Shield

843 Corn Head on 7700 Combine



Safety Suggestions

▲ Study these suggestions carefully and insist that they be followed by those working with you and for you.

The safety of the operator was one of the prime considerations in the minds of John Deere engineers when these corn heads were designed.

All machinery must be operated only by responsible persons who have been delegated to do so.

Riders must not be allowed on the operator's platform when the combine is in operation.

Never clean, lubricate, or adjust the corn head or combine while either is running or in motion. Keep hands, feet, and clothing away from all moving parts.

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

Everyone must be clear of the combine before starting the combine engine so no one can be struck by moving parts.

Shields and guards must be in place and in good condition before starting in field.

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

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

Never use a cornstalk or stick to clean the stalk rolls of an obstruction while the corn head is running. If, for any reason, the corn head should become clogged, stop the combine engine and remove the obstruction from the corn head.

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

Red reflective tape is attached to the rear of the outer gatherer sheets. Amber reflective tape is attached to the front of the left-hand main frame tube. When transporting the combine and corn head on a road or highway, reflective tapes must be clean and in place.

Provide a first aid kit for use in case of accident. Use proper antiseptics on scratches and cuts without delay, to prevent the possibility of infection.

When the corn head is raised, never crawl under the corn head until you have lowered the combine hydraulic cylinder safety stop. The cylinder safety stop prevents the corn head from lowering. To lower safety stop, first extend hydraulic cylinders. Disconnect support chain from safety stop and position safety stop on piston rod. After completing the work on the corn head, attach safety stop to support chain for storage.

If spray can paint is used, be careful when discarding empty can. Do not incinerate or puncture can.

Finally, remember this: An accident is usually caused by someone's carelessness, neglect, or oversight.

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