

COMBINE LOW-SHAFT-SPEED INDICATOR



JOHN DEERE

OPERATORS MANUAL COMBINE LOW-SHAFT-SPEED INDICATOR

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To the Purchaser

This new combine low-shaft-speed indicator 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 or service. Read the Table of Contents to learn where each section is located.


Study this manual carefully, keep it handy with your regular combine operator's manual, in a safe place for future reference.

If you find that you require information not covered in this manual, see your John Deere dealer. He will answer any questions regarding the operation and service of the low-shaft-speed indicator. He has trained mechanics who are kept informed on the best method of John Deere servicing and can give you prompt know-how service in the field or in his shop.

Should your low-shaft-speed indicator require replacement parts, see your John Deere dealer where you will receive John Deere parts—accept no substi-

tutes. John Deere parts fit properly and insure satisfactory service because they are made from original patterns and from the same material as the original attachment.

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

 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.

The warranty on this low-shaft-speed indicator appears on your copy of the purchase order which you should have received from your dealer when you purchased the low-shaft-speed indicator.

Record the date purchased in the space provided below. Your dealer needs this information to give you prompt, efficient service when you order parts.

Date Purchased 19.....
(To be filled in by purchaser.)

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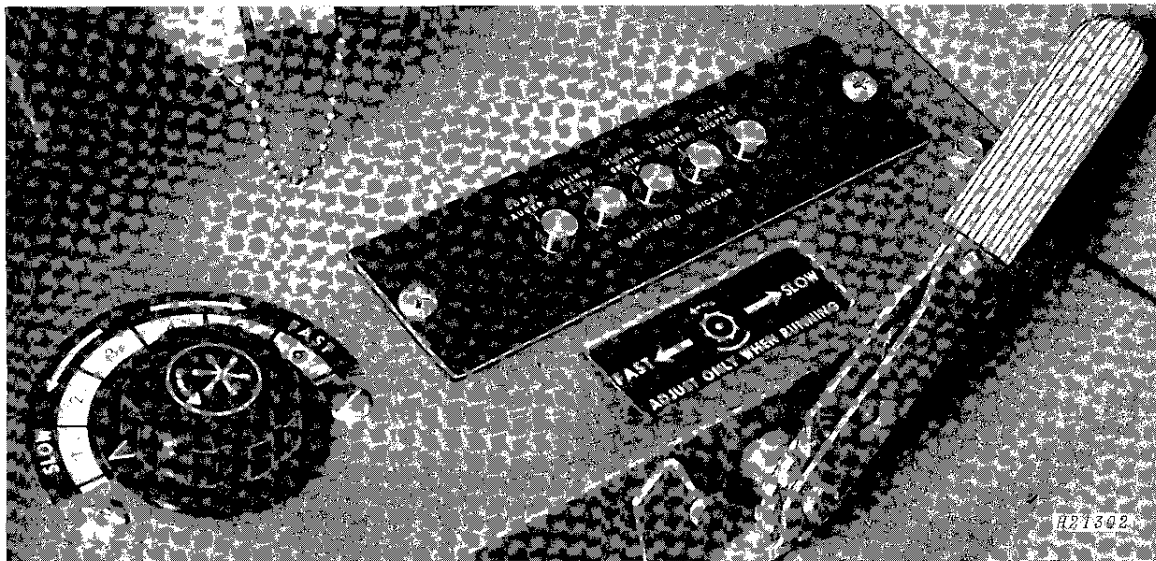
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Operation

CONTROL BOX AND STEERING COLUMN LIGHT



The low-shaft-speed indicator attachment indicates with glowing lights when the conveyor augers, tailings elevator, clean grain elevator, straw walkers, and straw chopper (combine attachment) drive shafts are operating less than 70 percent of their designed speed.

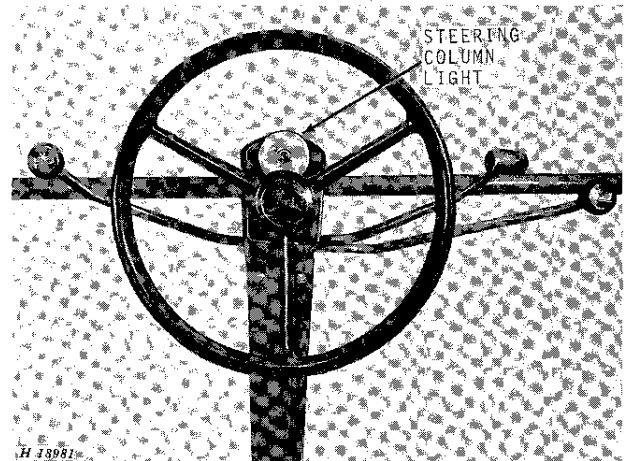
Checking Indicator Operation

To check the operation of the low-shaft-speed indicator, turn key to "ON" (do not start engine) and engage separator lever; all lights should glow.

Disengage separator lever before starting engine.

Operating Indicator

Start engine, engage separator lever, and run engine at fast idle. If lights continue to glow during operation, disengage separator lever and idle engine. Shut off engine and check Trouble Shooting chart on page 5.



When a light on the control box glows, the light on the steering column also glows.

CAUTION: Be certain combine engine is shut off before working on combine.

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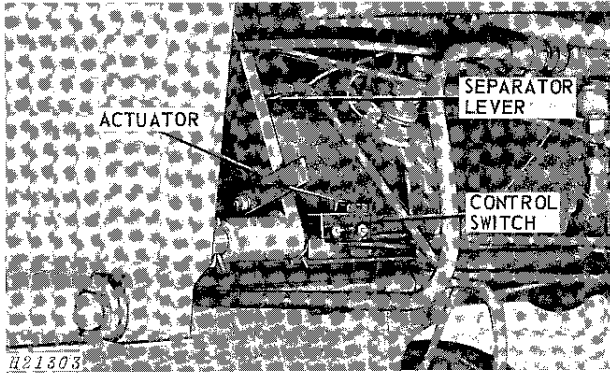
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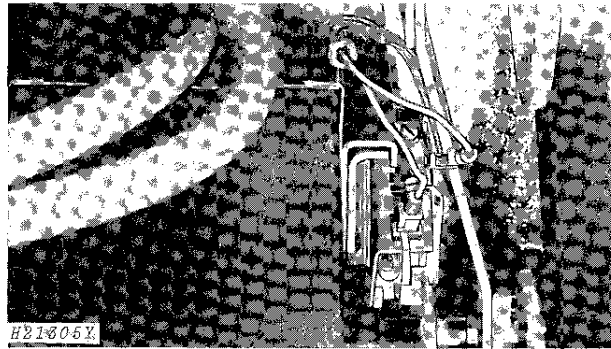
CONTROL SWITCH



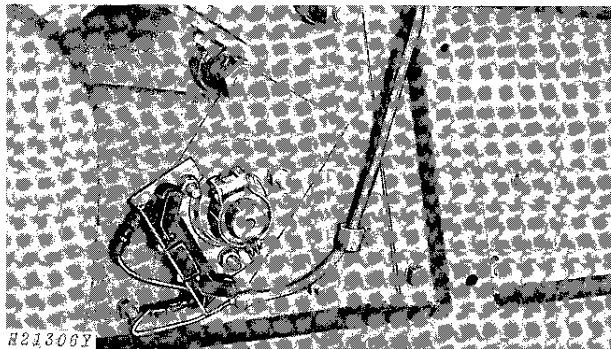
A control switch, located under the operator's platform, prevents the lights from glowing before the separator lever is engaged. Lights will glow until separator is brought up to full operating speed. If lights continue to glow, see Trouble Shooting chart on page 4.

SENSOR LOCATIONS

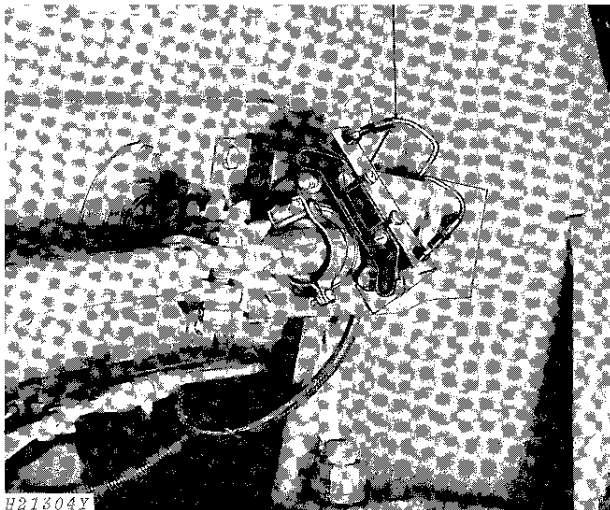
The locations of the five sensors are shown in the following illustrations.



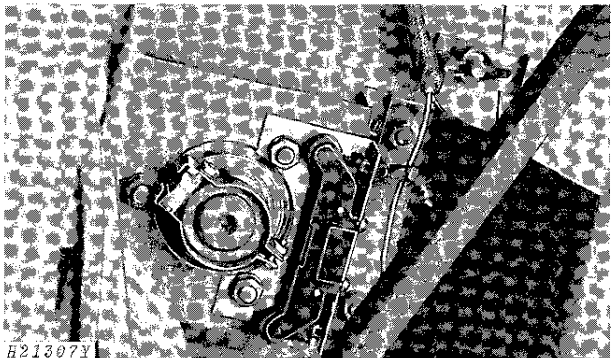
Tailings Elevator



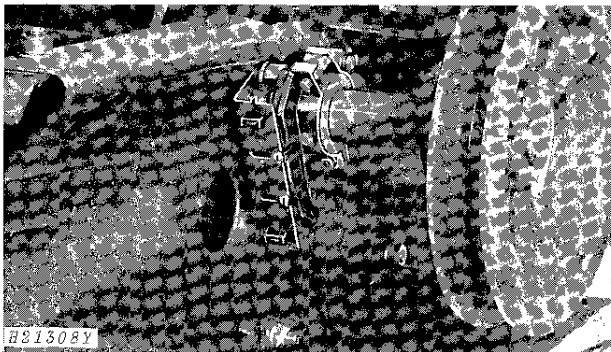
Clean Grain Elevator



Conveyor Augers



Straw Walker



Straw Chopper



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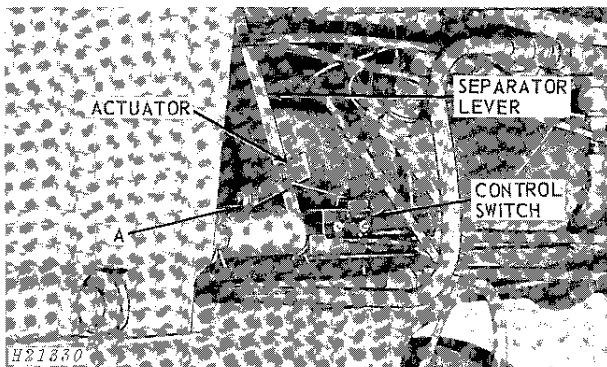
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Service

ADJUSTING CONTROL SWITCH



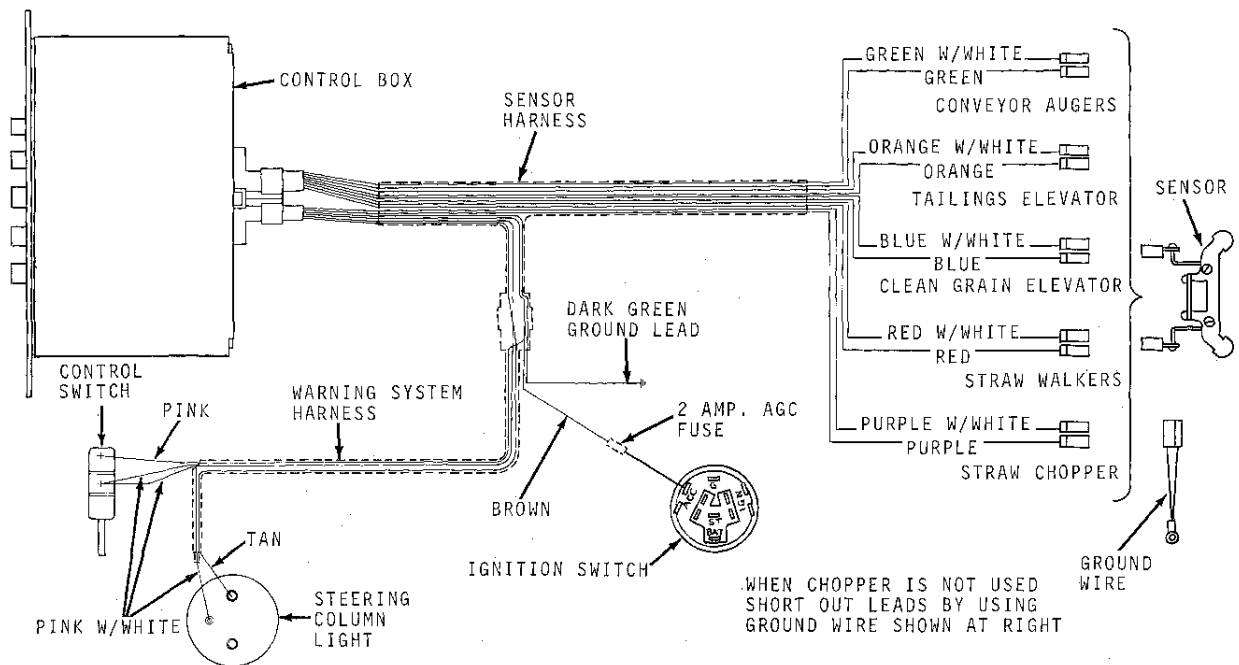
If the control switch is not actuated when the separator lever is engaged, loosen 1/4 x 1-inch truss head machine screw "A" and move switch actuator down until switch is actuated. Tighten truss head machine screw "A."

ELECTRICAL SYSTEM

The electrical system is protected by a 2-amp fuse located in the brown wire between the wiring harness and ignition switch.

If the circuit overloads and blows a fuse, determine the cause by checking for damaged wires or loose connections. After correcting cause, replace fuse.

WIRING DIAGRAM



H21309