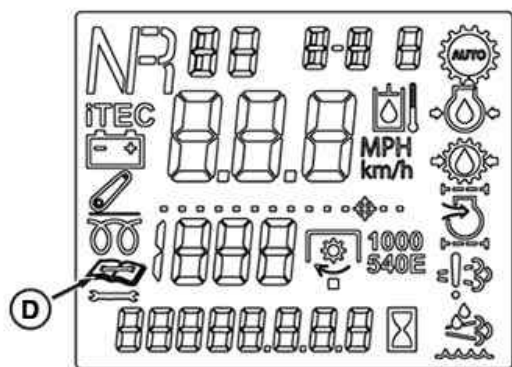
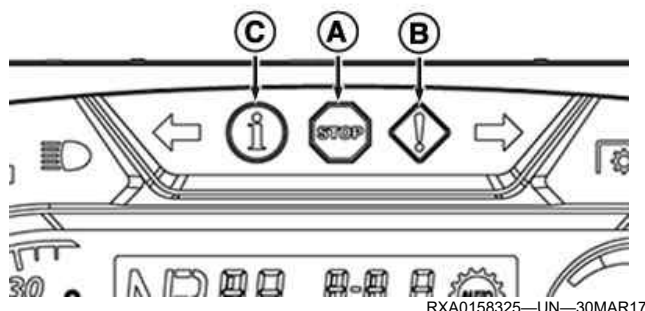


On-Board Diagnostics

STOP, Service, Information Alert Indicators, and Alarms



- A—STOP Alert Indicator
B—Service Indicator
C—Information Indicator
D—Diagnostic Trouble Code Indicator

IMPORTANT: Capture operating conditions, machine performance, and environment whenever any alert or alarm is active. Use information to self-correct operation or contact your John Deere dealer for assistance.

Alarm conditions are visually communicated using alert indicators for STOP alert indicator (A), service indicator (B), information indicator (C). Audible alarms (beeping or continuous) accompany alert indicators and/or diagnostic trouble code indicator (D).

STOP alert indicator (A) represents an urgent warning. Immediate attention or service is required in order to prevent serious malfunction or damage. Engine or function shuts down. Do not continue operation. Contact your John Deere dealer to diagnose the problem.

Service alert indicator (B) represents a performance/protection warning. Immediate attention or operation is required in order to prevent reduced performance, malfunction, or damage. Adjust operating conditions or

conduct maintenance. Contact your John Deere dealer as needed.

Information alert indicator (C) represents an informational warning. Attention or adjustment may be required in order to maintain performance and prevent a more severe alert condition. Adjust operating conditions or conduct maintenance. Contact your John Deere dealer as needed.

Diagnostic trouble code indicator (D) illuminates when a condition occurs that triggers a code to set. Other indicator lights, which correspond to a functional system of the machine, may illuminate provided that alarms and indicators are present. Severity levels for alarms are as followed from the highest level of priority to the lowest:

1. STOP alert indicator (A)
2. Operator out of seat
3. Service indicator (B)
4. Information indicator (C)

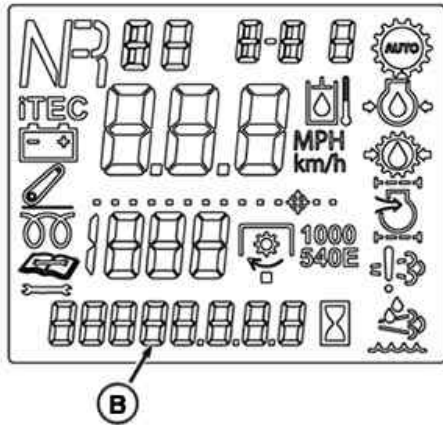
For display details, see Displays, Software, and Electronics Operation section and further details in this section.

Contact your John Deere dealer for troubleshooting assistance. Your dealer has additional access to the information display and tools to diagnose and repair problems.

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On-Board Diagnostic Tool





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A—Roll Mode Switch
B—Information Display

Roll mode switch (A) is used to gain access to diagnostic mode of information display (B). Diagnostic mode has two levels of access:

- **Customer access** - Press and hold roll mode switch for 5 seconds to begin diagnostic session. This action allows operator to see diagnostic trouble codes and a limited number of diagnostic addresses at the information display (B).
- **Technician access** - Only for dealer use.

Customer access; diagnostic trouble codes:

1. Press and hold the roll mode switch for 5 seconds to begin diagnostic session.
2. Upon entering diagnostics, any active or previously active codes automatically appear in a scrolling fashion. Each one shows the control unit (three letter abbreviations) and the code number (XXXXXX.XX).
3. To view or clear diagnostic trouble codes for any given control unit:
 - a. Use the right turn signal switch to scroll to the desired control unit.
 - b. Press and release the roll mode switch to enter the diagnostic addresses for that desired control unit.
 - c. Use the right turn signal switch to scroll to diagnostic address 001 for the desired control unit.
 - d. If codes are present the word "codes" appears. If not, the word "none" appears.
 - e. Press and release the roll mode switch to view all code details for this control unit.
 - f. Any codes present in that control unit appears there in scrolling fashion for multiple codes.

- g. To access the option for clearing codes for this selected control unit, press and release the right turn signal switch.
- h. The question "CLR?" appears.
- i. To clear the codes, press and release the roll mode switch.
- j. To go back to the entire control unit list, press and release the left turn signal switch.
- k. Proceed to the next desired control unit by repeating steps.

Customer access; diagnostic addresses:

1. Press and hold the roll mode switch for 5 seconds to begin diagnostic session.
2. To view or adjust diagnostic addresses for any given control unit, do the following:
 - a. Use the right turn signal switch to scroll to the desired control unit.
 - b. Press and release the roll mode switch to enter the diagnostic addresses for that desired control unit.
 - c. Use the right turn signal switch to scroll through diagnostic addresses for the desired control unit.
 - d. To go back to the entire control unit list, press and release the left turn signal switch.
 - e. Proceed to the next desired control unit by repeating steps.
3. Address information displays as follows:
 - Address 1: a list of stored diagnostic trouble codes for that selected control unit software. (See Diagnostic Trouble Codes in this section.)
 - Address 2: a beep mode. Operate a control device (switch, button, lever) to see an address number display, a value change state, and an audible beep.
 - Address 3—199: various feature or function information related to status, configuration, and operation.
 - Address 200—251: related to software and hardware numbers and versions.

See your John Deere dealer about details of addresses and configurations related to your specific machine.

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