

HOW TO SIMPLIFY AND MAXIMIZE YOUR OPERATIONS



International is a Cummins company

The International® Diamond Logic™ electrical system is a centralized, integrated nerve center available exclusively in International trucks. It is self-diagnosing and self-monitoring as the engine, transmission, instrument panel and other critical vehicle components are in constant communication with each other. This allows drivers and technicians to accurately pinpoint electrical problems for quicker troubleshooting and repairs. The system is completely flexible and programmable with features and functions that can easily be added, modified or removed to meet your specific application needs.

With the International Diamond Logic electrical system, you get a complete turnkey solution that increases reliability and uptime, reduces repair costs and maximizes profit for your operation.

On-and-off-board tools

- ▶ Up to 80% faster diagnostics for quicker repair times and increased uptime (ie., off-board diagnostics display trouble codes and descriptions with a direct link to International® product service manuals).

Self-calibrating gauges

- ▶ Get alarm and LED indicators when a reading is out of the programmed operating range, reducing the potential for costly equipment damage.

DIAMOND LOGIC® ELECTRICAL SYSTEM

Onboard Diagnostics

- ▶ Monitor electrical modules with trouble codes right on the LCD display. They're stored in the system for quick troubleshooting and increased uptime

Automation of Tasks

- ▶ The system can be programmed to meet specific application needs for added driver convenience and productivity (ie., headlights can be programmed to turn on with wipers)

Equipment Integration

- ▶ The interface modules provide a centralized connection point for all added equipment. Easy access to connections outside the cab makes body and chassis integration faster and more reliable

Ergonomic Switches

- ▶ Factory-installed switches with custom labels are ergonomically positioned for use when integrating equipment (body lights, PTO, etc.) – improving vehicle fit and finish, and increasing driver comfort, productivity and retention

Fewer Connectors

- ▶ Solid-state switching devices have fewer connectors and no moving parts to wear out, for maximum durability and reliability

Fewer Wires

- ▶ A 40% reduction in wiring results in greater reliability, faster and easier troubleshooting and repair, and increased uptime

Greater Life Expectancy

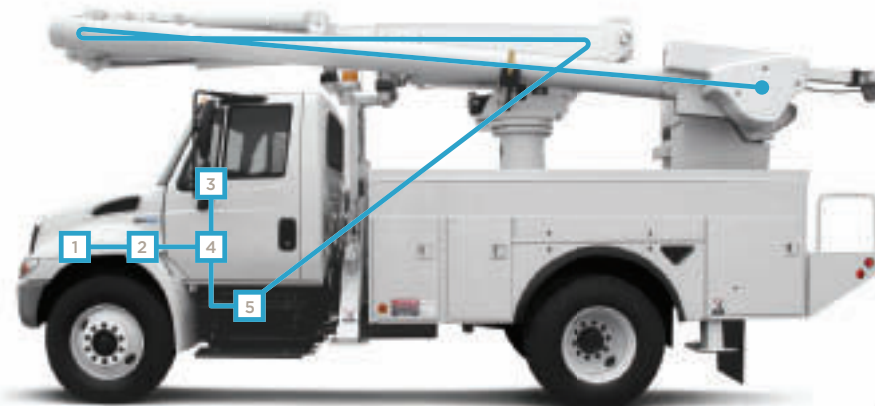
- ▶ Reliability and life expectancy are increased with low current components and long-life LEDs for gauge cluster warning lights and switch indicators, maximizing uptime

- 1** Stored record of programmed electrical circuit configuration for future reference in troubleshooting of updating systems to prevent undue travel and labor costs in repairing vehicle
- 2** Factory-installed switches with custom labels are ergonomically positioned for use when integrating equipment (body, lights, PTO, etc.) improving vehicle fit and finish, and increasing driver comfort and productivity

- 3** Reliability and life expectancy are increased with low-current components and long-life LEDs for gauge cluster warning lights and switch indicators
- 4** Onboard diagnostics monitor electrical modules. Trouble codes are shown on the LCD display and stored in the system for quick troubleshooting

- 5** Factory-installed interface modules provide a centralized connection point for all added equipment. Easy access to connections both in cab and outside of cab which makes body and chassis integration fast and more reliable

Uptime and maintenance costs are reduced with boom and hydraulics monitors that alert when equipment is not operating in optimal range while maintaining components based on appropriate triggers



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