

INTERNATIONAL® TRUCKS ARE  
WIRED FOR PERFORMANCE.



The International® Diamond Logic™ electrical system uses advanced technology to help your vehicle – and your operation – operate on a higher level. So you get increased reliability, maximized uptime and greater profit potential.

Engine, transmission, instrument panel and other vehicle components continuously communicate with each other electronically – monitoring critical vehicle functions and relaying information to the driver to ensure efficient vehicle operation.

Individual features and functions can be custom programmed, and integration of the chassis and body or equipment is simplified.

The system also creates an automotive-like environment with conveniently located switches, factory-installed and enhanced by LED lighting. Plus, the simplified wiring harness and advanced diagnostics make troubleshooting quick and easy.

When you have the most efficient truck, your entire operation becomes more efficient.



# INTERNATIONAL® DIAMOND LOGIC™ ELECTRICAL SYSTEM

Self-calibrating gauges provide an audible alarm and visible LED indication when a reading is out of the programmed operating range, reducing the potential for costly equipment damage and maximizing uptime.

Solid-state switching devices have no moving parts to wear out, for maximum durability and reliability, fewer connectors and built-in circuit protection.

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

The programmable system allows for automation of tasks to meet specific application requirements and increase driver convenience and productivity. For example, headlights can be programmed to turn on with wipers.

On- and off-board tools provide up to 80% faster diagnostics for quicker repair times and increased uptime. For example, off-board diagnostic tools display trouble codes and condition descriptions with a direct link to International® product service manuals.

Benefits that serve owners, drivers and maintainers.

OWNER  
DRIVER  
MAINTAINER





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



- Onboard diagnostics monitor electrical modules. Trouble codes are shown on the LCD display and stored in the system for quick troubleshooting and increased uptime.



- 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.



- Factory-installed 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.

For more information on the International® Diamond Logic™ electrical system, see your International® dealer or visit our web site at [www.InternationalDelivers.com](http://www.InternationalDelivers.com).

## NOTHING WORKS HARDER THAN AN INTERNATIONAL. OR SMARTER.

The International® Diamond Logic™ electrical system brings added brainpower and integration to your operation with a minimum of wires and connections. The system is completely flexible and expandable – with features and functionality that can easily be added, modified or removed at any time to meet your specific application needs. And because it is self-diagnosing and self-monitoring, the International Diamond Logic electrical system allows drivers and technicians to accurately pinpoint electrical problems for quicker troubleshooting, faster repairs and increased uptime.

The International Diamond Logic electrical system is fully programmable for automation of tasks and customized vehicle performance. For example, the PTO can be programmed to disengage at a preset speed.

Other highlights of the system include dome light theater dimming, LED odometer, solid-state switches with no moving parts to wear out, LCD diagnostic display, trip hourmeter, instant miles per gallon, remote throttle control, optional custom alarm package and an air-conditioning protection system.

The flexibility of the system makes everyone more productive – drivers, technicians, even body and equipment manufacturers. Case in point: Your International® truck can be equipped with up to three interface modules for up to eighteen power connections. This enables add-on equipment and body wiring to be connected outside the cab at a central point. This flexibility, along with factory-installed switch packs, allows body and equipment manufacturers to fully integrate their products with the International Diamond Logic electrical system, eliminating the need to mount aftermarket switching or wiring in the cab.

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.

## Optional Integration Features

### Optional Body Lighting Features

Stop, Turn, Taillight Connections	<b>08HAA, 08HAB, 08HAE</b>
Front Lighting Hookups for Snowplow Applications	<b>08THJ</b>
Front Lighting Hookups for Fog Lights	<b>08THV</b>
Work Light Accommodation Package	<b>08WMA</b>
Taillight Wiring Modified, 8-ft Extension Harness	<b>08NAA</b>
40-amp Output	<b>08XBK</b>

### Optional Trailer Lighting and Brake Options

Trailer Air Brake	<b>04619</b>
7-Way Trailer Sockets	<b>08TME, 08TMG</b>
Electric Trailer Brake Accommodations	<b>08HAG, 08HAH</b>

### Additional Optional Product Integration Features

Remote Engine Speed Control Connections	<b>12VWV (I-6), 12VYC (V-8)</b>
Air Solenoids to Control Body Equipment	<b>08WGA, 08WGB, 08WGC, 08WGD</b>
40-amp Maxi-Fuse Panel	<b>08WHZ</b>
Dash-Mounted PTO Control with PTO Hourmeter	<b>13XAA, 16WLM</b>

### Optional Body Integration Features

Remote Power Module Solutions with Latched Switches	<b>60AAA, 60AAB</b>
PTO Accommodation Solutions	<b>60ABA, 60ABB, 60ABE, 60ABK, 60ABL</b>

Additional features are available for application-specific warning lights, remote engine speed control, high-amperage switching and 3-way switching.

For additional information on body integration features, contact your local International® dealer.

For technical assistance and programming support, contact Tech Central at 1-800-336-4500.



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