

### **BODY LIGHTING**

- **08HAA** - BODY BUILDER WIRING To Rear of Frame, With Stop, Tail, Turn, and Marker Lights Circuits, Ignition Controlled Auxiliary Feed and Ground, Less Trailer Socket
- **08HAB** - BODY BUILDER WIRING Back of Cab at Frame, Includes Sealed Connectors for Tail/Amber Turn/ Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn
- **08HAE** - BODY BUILDER WIRING Rear of Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn

### **REMOTE ENGINE SPEED CONTROL**

- **12VZA** - Remote body builder interface wiring for engine speed control with N9, N10 and MaxxForce DT engines. Additional features include speedometer and tachometer signals.
- **12VXT** - Sets the engine to a stationary variable mode.
- **12VXU** - Sets the engine to a stationary preset mode.
- **12XAT** - Remote mounted body builder interface wiring for engine speed control with Cummins ISB engines

### **WORK LIGHT ACCOMMODATION**

- **08WMA** - SWITCH, TOGGLE, FOR WORK LIGHT Lighted; on Instrument Panel and Wiring Effects for Customer Furnished Back of Cab Light

### **HIGH AMPERAGE SWITCH**

- **08XBK** - Control one auxiliary load up to 40 Amps with a factory-installed switch for a high Amperage load such as a light bar. Power available in "IGNITION" or "ACCESSORY" key states.

### **LIFT GATE ACCOMMODATION**

- **08WJA** - Power source for customer installed lift gate; 200 AMP max, with 2 gauge power cable to end of frame, switch in instrument panel. Includes a timeout feature, battery discharge protection.

### **PRE-TRIP EXTERIOR LIGHT INSPECTION**

- **08WPZ** - Pre-trip inspection will cycle exterior lamps, except back-up lights.

### **HEADLIGHTS ON WITH WIPERS**

- **08WRB** - Headlights will automatically turn on if windshield wipers are turned on.

### **WINDSHIELD WIPER SPEED CONTROL**

- **08WGL** - Force wipers to slowest intermittent speed when park brake set and wipers left on for a predetermined time.

### **PARK BRAKE ALARM**

- **08WXD** - Electric horn sounds in repetitive manner when vehicle park brake is "NOT" set, with ignition "OFF" and any door opened.

### **THEFT DETERRENT SYSTEM**

- **60ACX** - Limits vehicle mobility by requiring a pre-selected code to be entered to drive vehicle.

### **JUMP START STUD**

- **08WBW** - Provides remote jump start stud on the outside of the battery box that eliminates the need to remove the battery box cover when jump starting is required.

### **BACK-UP ALARM**

- **08THB** - Provides a 102 dBA audible alarm when a vehicle is operated in reverse gear.

## ENGINE SHUTDOWN

- **08WPP** - Automatic engine shutdown with International engines when preset values are exceeded, including high coolant temperature, low oil pressure and low coolant level.

## BATTERY DISCONNECT SWITCH

- **08WAD** - Shuts down the entire battery fed electrical system with a lever located on the battery box.
- **08WCS** - Shuts down the entire battery-fed electrical system with a lever located on the floor to the left of the driver's seat
- **08WZP** - Green "Battery On" indicator light on left side of dash.

*\*\*Other battery disconnect switches available, see dealer for complete list.*

## TRAILER CONNECTIONS AND BRAKE ACCOMMODATIONS

### Electric and/or Air Trailer Brake Accommodation Packages

- **08HAG** Electronic brake controller accommodation for inertia/electro magnetic type trailer brake systems (contains heavy Amperage Separate stop (30 Amps) and turn (15 Amp) lights.
- **08HAH** Electronic brake controller accommodation for inertia/electro magnetic type trailer brake systems (contains heavy Amperage Combined stop/turn lights.
- **08TKK** 30 Amp ABS wiring to make 08HAG or 08HAH interchangeable between electric and air trailer brakes.

### Air Brake Accommodation with 7-Way Socket for Lighting

- **08TME** 7-Way socket for Separate stop/turn trailer lighting.
- **08TMG** 7-way socket for Combined stop/turn trailer lighting.

## FOG LIGHTS

- **08WPM** Fog lights, clear, oval with H355W halogen bulbs.

*\*\*Other fog lights available, see dealer for complete list.*

## REMOTE KEYLESS ENTRY

- **16WKZ** - Key fob to control remote keyless entry, with panic & auxiliary buttons.

## TWO-WAY RADIO WIRING EFFECTS

Both 08REA and 08RGA provide radio power and ground directly from the battery to minimize electrical noise on the line.

- **08REA** - 10' wiring coil under the instrument panel for optimal radio placement.
- **08RGA** - Wiring in the center of the header console in the cab.
- **08RCB** - CB radio accommodation package, header mounted, includes power source and two antenna bases with wiring.
- **08RBK** - Dual CB antennas

## SPARE INPUT/OUTPUT FOR AUTOMATIC TRANSMISSIONS.

- **13WUB / 13WUC** - Remote body builder interface wiring and software programming for Allison automatic transmissions

## Remote Power Modules and Associated Features

Remote power modules are the gateway to body integration. Each remote power module includes 6 power outputs and 6 switch inputs. Customers should inform their International dealer or body builder company if they intend to utilize this form of body integration on their vehicle.

- **60AAA** - BDY INTG, REMOTE POWER MODULE (1); Up to 6 Outputs & 6 Inputs, Max. 20 Amps. Per Channel, Max. 80 Amps. Total (Includes 1 Switch Pack With Latched Switches), Mounted Back of Battery Box on DuraStar Series and Under Cab, Left Rear on WorkStar Series

- **60AAG** - BDY INTG, REMOTE POWER MODULE (1) Mounted Inside Cab behind Driver Seat on DuraStar and WorkStar Series Up to 6 Outputs & 6 Inputs, Max. 20 Amps. per Channel, Max. 80 Amps. Total (Includes 1 Switch pack with 6 Latched Switches)

***Enhancements for additional functionality, using Remote Power Module features:***

- **60ACE** - Dual Output Switch, control one auxiliary load up to 40 Amps with a factory-installed switch connected to two Remote Power Module outputs for a high Amperage load such as a light bar. Power available in "IGNITION" or "ACCESSORY" key states. (requires 2 Remote Power Module outputs)
- **60ACG / 60ACH** - Switches Interlocked to Vehicle Speed, 1 or 2 switches that will disengage a body feature if the vehicle exceeds a certain MPH or other parameter.
- **60ACS / 60ACT / 60ACU** - Replaces 1 / 2 / 3 latched switches with momentary switch(s) that provide control of body equipment from the cab and a location on the body for features such as cabinet lights and other body lights.
- **60ACW** - I/O EXPANSION HARNESS (for Diamond Logic Builder) In-Cab Wire Harness (DLB) Program Only, Includes a Harness with five blunt cut Wires routed on lower left of Instrument Panel. Two ground active inputs and two (.5Amp) Relay Driver outputs are provided

***Utilize Diamond Logic® Builder software to custom program features, such as the following:***

- Drive-time hourmeter
- Engine idle monitoring and shutdown
- Integrated body locks driven from cab door locks
- "Headlights Left On" reminder
- Engine speed ramping with low voltage while parked
- "Body Door Open" indicator and alarm
- "Ramp Not Secured" indicator and alarm