

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
- **08HAU** - BODY BUILDER WIRING INSIDE CAB; Includes Sealed Connectors for Tail/Amber, Turn/Marker/Backup/Accessory, Power/Ground, and Stop/Turn

BODY WIRING SPECIAL

- **008HAT** - WIRING, SPECIAL Includes Wires Installed Through the Dash Panel and End in Engine Compartment, In Cab Wire Ends Will Have ESC Input Terminals, Engine Compartment Wire Ends will have Sealed Connectors

REMOTE ENGINE SPEED CONTROL

- **12VGA** - Remote mounted body builder interface wiring for engine speed control with N13 engines
- **12VZA** - Remote body builder interface wiring for engine speed control for increasing the engine speed to a preset speed using a switch mounted remotely outside of the cab. Additional features include speedometer and tachometer signals.
- **12VXT** - Hand throttle control using cruise control switches. Sets the engine to a stationary variable mode.
- **12VXU** - Hand throttle control using cruise control switches. Sets the engine to a stationary preset mode.
- **12XAT** - Remote mounted body builder interface wiring for engine speed control with Cummins ISB engines

EXHAUST REGEN INHIBIT

- **07WZX** - Exhaust regeneration inhibit switch, momentary, resets when key off.

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.

PASSENGER CONTROL OF AIR HORN

- **08WEE** - Instrument panel mounted switch to enable the passenger to engage the air horn.

AIR ACCESSORY CONTROLS

- **08WGA / 08WGB / 08WGC / 08WGD** - Provides 1 / 2 / 3 / 4 normally closed air solenoids to be used as a pilot air source. Includes latched switch in cab; air is available only with key in "IGNITION" or "ACCESSORY" positions.

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.

HEADLIGHTS

- **08WXB** - Warning Buzzer sounds when Head Light Switch is on and Ignition Switch is in "Off" Position
- **60AKL** - "Wig-Wag" High beam headlight flashing

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.

BATTERY DISCONNECT SWITCH

- **08WJV** - for Cab Power Disconnect Switch; Cab Mounted, Lever Operated, Disconnects Power to PDC, Does Not Disconnect Charging Circuits.
- **08WZP** - Green "Battery On" indicator light on left side of dash.
- **08XHV** - Cab Power Disconnect Switch, Cab Mounted, Disconnects power to PDC and body builder through solenoid, does not disconnect charging circuits, locks with padlock

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

KEYLESS IGNITION

- **08630** - Keyless ignition switch.

REMOTE KEYLESS ENTRY

- **16WKZ** - Key fob to control remote keyless entry, with panic & auxiliary buttons.
- **16XAL** - Key fob to control remote keyless entry, with panic & horn beep confirmation. Two key fob included

SPARE INPUT/OUTPUT FOR AUTOMATIC TRANSMISSIONS.

- **13WDH** - WIRING, TRANS, BODY BUILDER Transmission Installed Wiring for Transmission/PTO Controls, for Allison 1000, 2000, 2100, 2200, 2400, 2500 Series
- **13WUZ** - EVS; 127/198 includes J1939 Based Auto Neutral; Fire/Pumper, Tank, Aerial/Ladder
- **13WYL** - Allison Performance Programming in Primary and Allison Economy Programming in Secondary

DATA RECORDERS & SEATBELT WARNING PREWIRE

- **08TPA** - DATA RECORDER, Weldon, NFPA 1901 compliant, Includes seat belt display mounted in overhead console
- **08TPB** - DATA RECORDER, Weldon, NFPA 1901 complaint, Less seat belt display

- **16HCK** - SEATBELT WARNING PREWIRE, Includes Seat Belt Switches and Seat Sensors for all Belted Positions in the Cab and a Harness Routed to the Center of the Dash for the Aftermarket Installation of the Data Recorder and Seatbelt Indicator Systems, for 1 to 3 Seat Belts
- **16HCL** - SEATBELT WARNING PREWIRE, Includes Seat Belt Switches and Seat Sensors for all Belted Positions in the Cab and a Harness Routed to the Center of the Dash for the Aftermarket Installation of the Data Recorder and Seatbelt Indicator Systems, for 4 to 6 Seat Belts

Remote Power Modules and Associated Features

REMOTE POWER MODULE - 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** - One Remote Power Module, back of cab, for bodybuilder to integrate additional lights (up to six 20 Amp loads, 80 Amp max)
- **60AAB** - Two Remote Power Modules, back of cab, for up to 12 outputs and inputs (20 Amps each, 80 Amp max per module).
- **60AAD** - REMOTE POWER MODULE (2) Mounted Under Cab or On Battery Box; Max. 20 amp. per Channel, Max. 80 amp. Total per Power Module; Includes 1 Module With Switch Pack Containing 6 Latched Switches and 1 Module With Hardware Only
- **60AAG** - REMOTE POWER MODULE Mounted Inside cab behind Driver Seat; Up to 6 Outputs & 6 inputs, Max. 20 amps. Per Channel, Max. 80 amp total (Includes 1 Switch Pack with Latched switches)
- **60AAH** - REMOTE POWER MODULE (2) Mounted inside Cab behind Driver Seat; Up to 6 Outputs & 6 Inputs each, Max. 20 amps. Per Channel, Max. 80 amp Total (Includes 2 Six Switch Packs with Latched Switches)
- **60AAJ** - REMOTE POWER MODULE (3) Mounted Inside Cab behind Driver Seat; Up to 6 Outputs & 6 Inputs each, Max. 20 amps. Per Channel, Max. 80 amp Total (Includes 3 Six Switch Packs with Latched Switches)
- **60AAM** - POWER MODULE AUX (1) Mounted on the Driver's Side Frame Rail at Rear of Frame; Up to 6 Outputs & 6 Inputs, Max. 20 Amp. Per Channel, Max. 80 Amp. Total
- **08WSK / 08WTJ** - One Remote Power Module, end of frame, for up to 6 outputs and inputs (20 Amps each, 80 Amp max per module)

INDICATOR LIGHTS

- **60AJR, 60AJS, 60AJT & 60AJU** Red indicators lights.(1,2,3 & 6)
- **60AJV, 60AJW, 60AJX & 60AJY** Green indicators lights. (1,2,3 & 6)
- **60AJX, 60AKA, 60AKB & 60AKC** Amber indicators lights. (1,2,3 & 6)

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.
- **60ACG / 60ACH** - Switches Interlocked to Vehicle Speed or other parameters, 1 or 2 switches that will disengage a body feature if the vehicle exceeds a certain MPH.
- **60ACS / 60ACT / 60ACU** - Replaces 1 / 2 / 3 latched switches for momentary switches 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

PTO Accommodations, for body builder to add PTO. Includes PTO switch, hour meter and PTO feedback light in gauge cluster. Programmable parameters are available, and can be changed for a charge through an International dealership, to ensure PTO is operating only in the desired conditions.

Power Take Off Engagement Type	Chelsea® Models	Muncie® Models	International® Feature
Air (non-clutched)	442/489 Series (A)	TG, SH or 82 Series	60ABK
Air (clutched)	230/236 Series (A)	CS Series (CS8/6 Air Only)	60ABL
Hydraulic	270/271/277/278/85	CS Series (CS10/20/6 Hyd Only)	60ABE

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

- Load sequencing
- Load management
- Low voltage indicator & alarm
- Parking brake signal
- Neutral signal
- Split shaft pump controls
- Transmission mounted PTO pump controls
- Door Open warning light/alarm
- Siren module control from steering wheel
- Auto ramp of engine speed with low voltage/ A/C on
- Control auto chains
- Unlock power door locks w/ parking brake
- Lighting features:
 - Master switch
 - Upper/lower flashing warning lights
 - Rear, right and left flood lights
 - Front grill lights
 - Compartment lights
 - Step lights
 - Cabinet lights
 - Cab light bars
 - 110V AC floodlights
 - Set up body lights to work with Pre-trip light inspection