



## **DRY VAN** *Body Integration*

When specifying out a new truck for a customer, it is important to consider the body that will get mounted to the chassis. International has invested in specific features on our chassis such as the Diamond Logic electrical system to help the body installer mount their equipment with high quality in an efficient manner.

**The following pages include feature codes specifically designed for ease of body integration.**

### **FEATURE CODES/ DESCRIPTIONS:**

#### **Body Lighting**

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

*Other body builder connections are available. Refer to the PDB-71000 sales book*

#### **Fog Lights**

<b>08WPM</b>	Fog lights, clear, oval with H355W halogen bulbs (HV/ MV)
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*Other fog lights available, see dealer for complete list.*

#### **Auxiliary Power/ Work Light Accommodation**

<b>08WMA</b>	SWITCH, TOGGLE, FOR WORK LIGHT Lighted; on Instrument Panel and Wiring Effects for Customer Furnished Back of Cab Light (HV/HX/MV)
<b>08XBK</b>	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. (HV/ HX/ MV)
<b>08TMH</b>	Hardwired auxiliary switch for 20 Amp load with wiring up A-pillar to roof (HV/ HX/ MV)
<b>60AKG</b>	Includes 3 dash mounted switches for 30A loads, 1 with protection intended for PTO, 2 with simple interlocks for transmission gear, vehicle speed or park brake. Output wires are blunt cut and located on the left side under the hood. Can be used for various customer supplied accessories (HV/ HX/ MV)

#### **Lift Gate Accommodation**

<b>08VBA</b>	Power source for customer installed lift gate; 200 AMP max, with 00 gauge power cable to end of frame, switch in instrument panel. Includes a timeout feature, battery discharge protection. (HV/ MV)
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**Convenience Features**

<b>08RPB</b>	Steering wheel switches for control of radio and Bluetooth calling (HV/ HX/ MV)
<b>08WPZ</b>	Pre-trip inspection will cycle exterior lamps, except back-up lights (HV/ HX/ MV)
<b>08WBW</b>	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 (HV/ HX/ MV)
<b>16WKZ</b>	Key fob to control remote keyless entry, with panic & auxiliary buttons (HV/ HX/ MV)

**Collision Mitigation Features**

<b>08TPU</b>	Bendix Wingman Fusion; Adaptive cruise control and collision mitigation, includes front radar and camera, driver display; Lane departure warning switch and speakers, stationary object alert, safety direct capability (HV/ HX/ MV)
<b>08XMB</b>	Centerpanel wiring and RP1226 14 pin connector for connecting telematics modules with power, ground and 250k datalink connections (HV/ HX/ MV)

**Safety and Equipment Protection Features**

<b>08WRB</b>	Headlights will automatically turn on if windshield wipers are turned on (HV/ HX/ MV)
<b>08WXB</b>	Headlight warning buzzer; Warning sounds when Head Light Switch is on and Ignition Switch is in "Off" Position (HV/ HX/ MV)
<b>08WXD</b>	Electric horn sounds in repetitive manner when vehicle park brake is "NOT" set, with ignition "OFF" and any door opened. (HV/HX/MV)
<b>08WGL</b>	Force wipers to slowest intermittent speed when park brake set and wipers left on for a predetermined time (HV/ HX/ MV)
<b>08WWJ</b>	Indicator and alarm for low coolant level (HV/ HX/ MV)
<b>08THB</b>	Back up alarm; Provides a 102 dBA audible alarm when a vehicle is operated in reverse gear (HV/ HX/ MV)
<b>60ACX</b>	Theft Deterrent; Limits vehicle mobility by requiring a pre-selected code to be entered to drive vehicle (HV/ HX/ MV)
<b>16HCH</b>	Seat belt indicator and alarm will alert driver if park brake is released and seat belt is not fastened (HV/ HX/ MV)

**Battery Disconnect Switch**

<b>08WZP</b>	Green "Battery On" indicator light on left side of dash
<b>08RLZ</b>	Battery Disconnect Switch (Cole-Hersee 75920-06) 300 Amp, Disconnects Cab Power, Does Not Disconnect Charging Circuits. Locks with Padlock. Battery Box Mounted (HV/HX)
<b>08RMH</b>	Battery Disconnect Switch (Cole-Hersee 75920-06) 300 Amp, Disconnects Charging Circuits. Locks with Padlock. Battery Box Mounted (HV/MV)



<b>08WJV</b>	Battery Disconnect Switch (Joseph Pollak) for Cab Power Disconnect Switch, Disconnects Power to Power Distribution Center (PDC), Does not Disconnect Charging Circuits, Lever Operated, Cab Mounted. (HV)
<b>08WJW</b>	Battery Disconnect Switch (Joseph Pollak) for Cab Power Disconnect Switch, Disconnects Power to Power Distribution Center (PDC), Does not Disconnect Charging Circuits, Key Operated, Cab Mounted. (HV)
<b>08XHD</b>	Battery Disconnect Switch 300 Amp, Disconnects Charging Circuits, Locks with Padlock, Cab Mounted. (HV/MV)

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

### Two-Way Radio Wiring Effects

<b>08REA*</b>	10' wiring coil under the instrument panel for optimal radio placement. (HV/HX/MV)
<b>08RGA*</b>	Wiring in the center of the header console in the cab. (HV/HX/MV)
<b>08RNC</b>	CB radio accommodation package, header mounted, includes power source and two antenna bases with wiring (HV/ HX/ MV)

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

### Remote Engine Speed Control

<b>12VXU</b>	Stationary preset (2 speeds) auxiliary / PTO engine speed control through steering wheel cruise switches (HV/ MV)
<b>12XBM</b>	Remote mounted body builder interface wiring for engine speed control with Cummins B6.7 and L9 engines (HV/ MV)

### 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.

<b>60AAG</b>	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) (HV/ HX/ MV)
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### ***Enhancements for additional functionality, using Remote Power Module features:***

<b>60ACE</b>	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) (HV/ HX/ MV)
<b>60ACG / 60ACH</b>	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 (HV/ HX/ MV)



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<b>60ACS / 60ACT / 60ACU</b>	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. (HV/ HX/ MV)
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## Diamond Logic Builder Custom Software Programming Features

- Drive time hourmeter
- Engine idle monitoring and shutdown
- Integrated body locks driven from cab door locks
- Automatic engine start and ramp with low battery voltage
- “Body door open,” “liftgate not stowed,” or “ramp not secured” indicator and alarm
- Inhibit transmission gear selection when driver’s seatbelt is not fastened