

BODY LIGHTING

- **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

REMOTE ENGINE SPEED CONTROL

- **12VZA** - Remote body builder interface wiring for engine speed control with N9, N10 and MaxxFace 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.

WINDSHIELD WIPER SPEED CONTROL

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

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.

HEADLIGHTS WARNING BUZZER

- **08WXB** - Warning Buzzer sounds when Head Light Switch is on and Ignition Switch is in "Off" Position

HEADLIGHTS WIG WAG

- **60AKK** - Wig Wag Hi-Beam with park brake interlock. Park brake disables wig wag
- **60AKL** - Wig Wag Hi-Beam with park brake interlock. Park brake disables hi-beam wig wag, enables low-beam wig wag.

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.

BACK-UP ALARM

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

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

BODY BUILDER WIRING

- **08WZG** – Junction block stud inside cab, 100 amp battery feed, Protected by a fusible link.
- **13WDH** – BODY BUILDER Transmission Wiring – Installed wiring for transmission/PTO controls for Allison 2000, 2100, 2200, 2400, 2500 series transmission only
- **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

SPARE INPUT/OUTPUT FOR AUTOMATIC TRANSMISSIONS.

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

ELECTRIC BRAKE ACCOMMODATION

- **08HAG** - ELECTRIC TRAILER BRAKE/LIGHTS Accommodation Package to Rear of Frame; for Separate Trailer Stop, Tail, Turn, Marker Light Circuits; Includes Electric Trailer Brake Accommodation Package with Cab Connections for Mounting Customer Installed Electric Brake Unit, Less Trailer Socket
- **08HAH** - ELECTRIC TRAILER BRAKE/LIGHTS Accommodation Package to Rear of Frame; for Combined Trailer Stop, Tail, Turn, Marker Light Circuits; Includes Electric Trailer Brake Accommodation Package with Cab Connections for Mounting Customer-Installed Electric Brake Unit, Less Trailer Socket

TRAILER CONNECTIONS

Air Brake Accommodation with 7-Way Socket for Lighting

- **08TME** - TRAILER CONNECTION SOCKET 7-Way; Mounted at Rear of Frame, Wired for Turn Signals Independent of Stop, Compatible With Trailers That Have Amber or Side Lamps.
- **08TMG** - TRAILER CONNECTION SOCKET 7-Way; Mounted at Rear of Frame, Wired for Turn Signals Combines With Stop, Compatible With Trailers That Use Combined Stop, Tail, and Turn Lamps.

Auxiliary Trailer Connections

- **08TKK** – Trailer Aux Feed Circuit for Electric Trailer Brake Accommodation / Air Trailer ABS; with 30 Amp ABS wiring to make 08HAG or 08HAH interchangeable between electric and air trailer brakes.

PTO CONTROLS

In determining which PTO accommodation is appropriate, you must determine the type of PTO that will be added:

- Transmission Mounted
- Engine Mounted
- Transfer Case Mounted

All of Navistar's PTO accommodation packages are appropriate for transmission mounted PTOs, as well as transfer case mounted PTOs. If your customer wants to add an engine-mounted PTO, feature code 60ABE is the correct feature code to order.

In addition, you must determine the type of PTO engagement that will be added. Navistar has released feature's to accommodate the five most popular PTO engagement types:

- Electric engagement
- Air (clutched/non-clutched) engagement
- Hydraulic engagement
- Cable/Lever engagement
- Constant engagement

| 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 |
| Electric - Lectra-Shift | N/A | TG Series Electric | 60ABB |
| Cable or lever (includes warning lights/alarms only) | 442/489 Series (Y & W) | TG, SG Series (Cable Package) | 60ABA |

PTO CONTROLS AND HOURMETER

- **13XAA** - PTO CONTROL, DASH MOUNTED For Customer Provided PTO; Includes Switch, Electric/Air Solenoid, Piping and Wiring
- **60AKG** – Body Integration, PTO Accommodation for (3) Latched rocker switches, one for PTO switch and two generic switches to control (3) 30amp relays, with programmable parameters.

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.
- **60AJA** - BDY INTG, REMOTE THROTTLE - When signal is applied to the Remote Power Module input, the engine ramps to the first preset speed and maintains that speed as long as the input is held. Removing signal from the Remote Power Module input returns the engine to idle. Park brake must be applied.

ADDITIONAL 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)