

Component Identifiers (CID) Module Identifier (MID) Engine Control System (MID No. 036) Table with columns for CID, Component, and Description.

Electronic Transmission Control System (MID No. 061) Table with columns for CID, Component, and Description.

Failure Mode Identifiers (FMI) Failure Description Table with columns for FMI No., Failure Description, and CID.

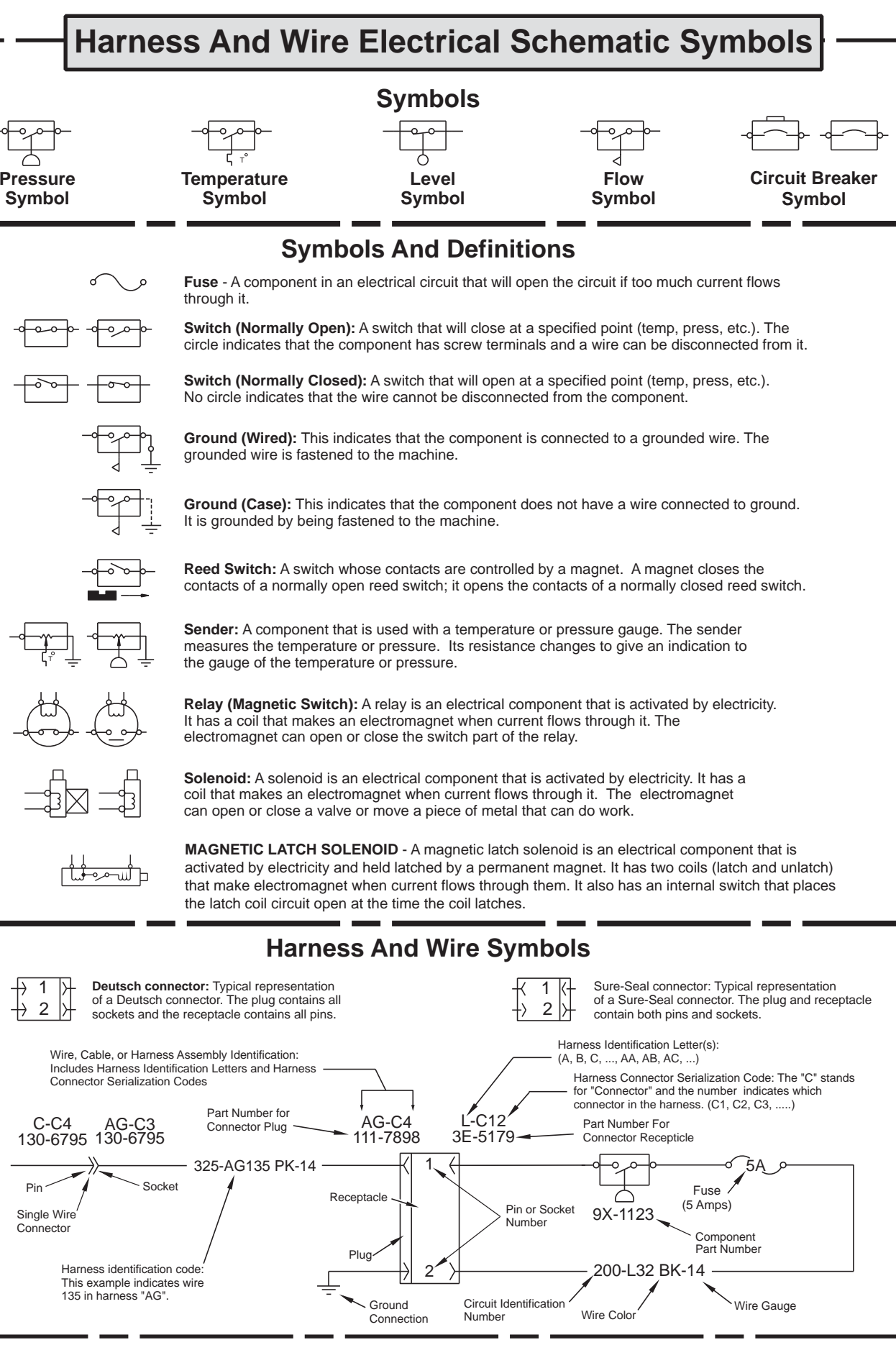
Event Codes Engine Control Table with columns for Event Code, Engine Control, and Condition.

Related Electrical Service Manuals Table with columns for File Name and Form Number.

Main Wire Description Table with columns for Wire Number, Wire Color, Description, Wire Number, Wire Color, and Description.

Connector Location Table with columns for Connector Number, Schematic Location, and Machine Location.

Component Location Table with columns for Component, Schematic Location, Machine Location, Component, Schematic Location, Machine Location.

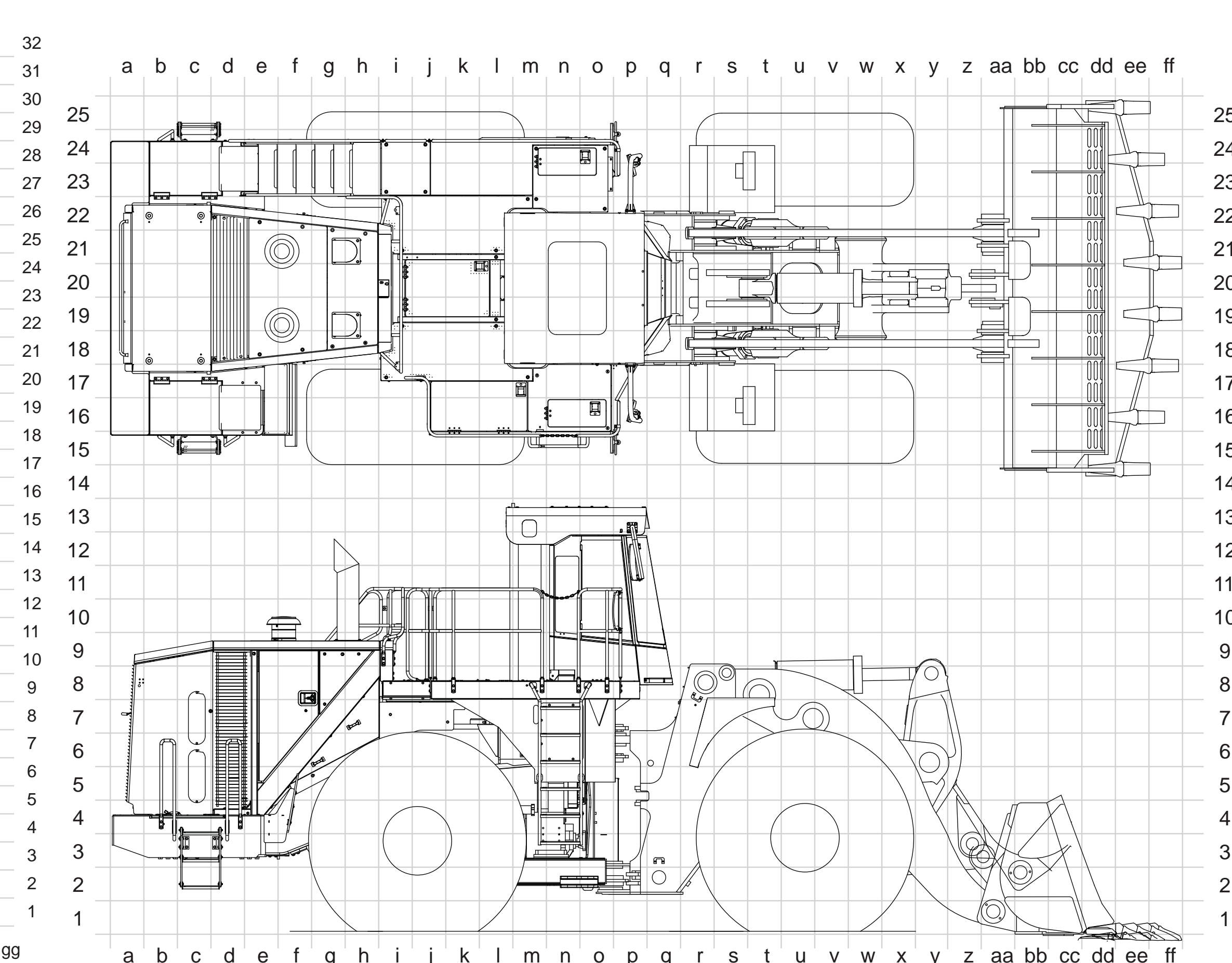
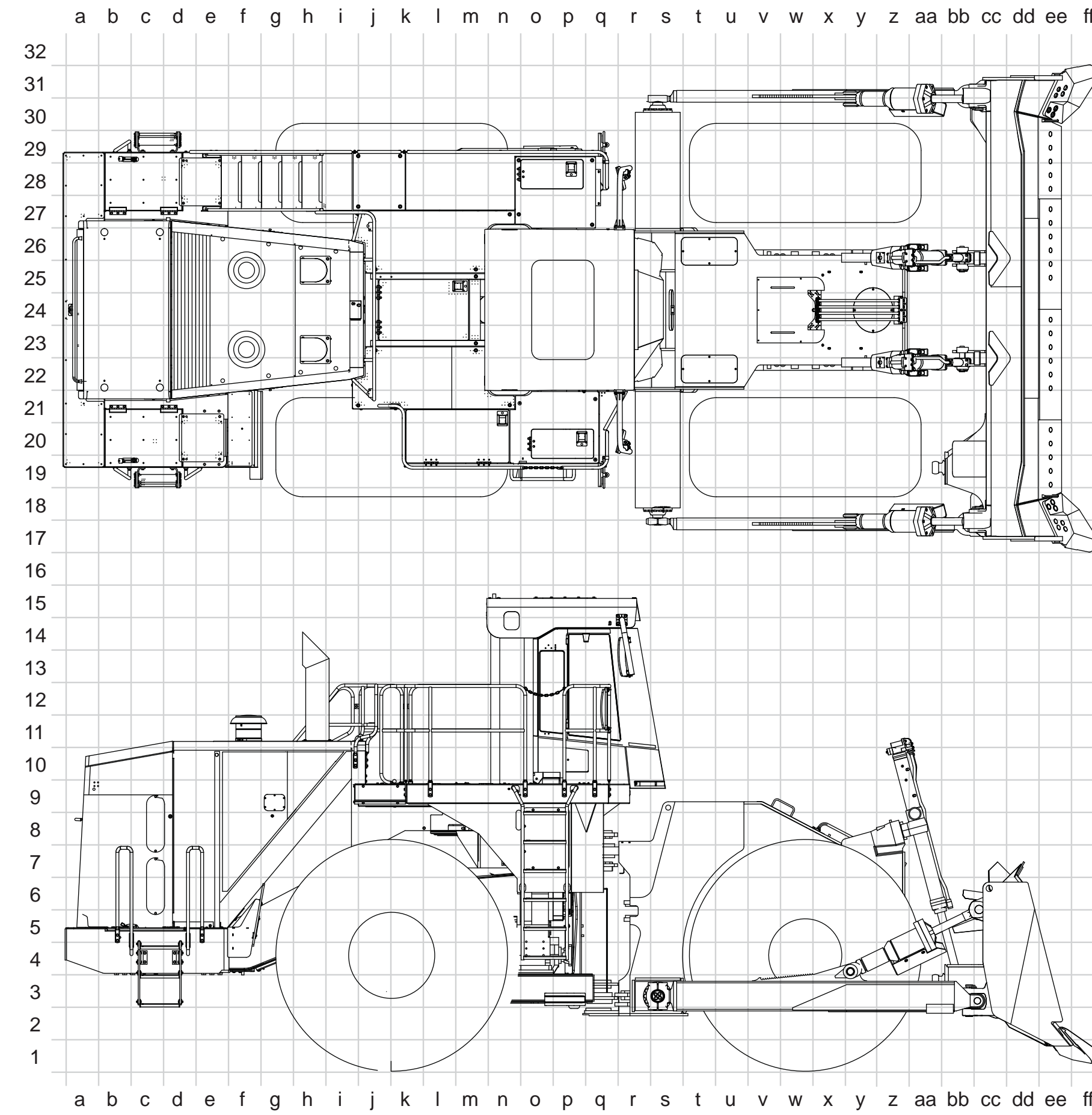


Schematic 844H Wheel Dozer and 990H Wheel Loader Electrical System

844H: BTW1-UP 990H: BWX1-UP

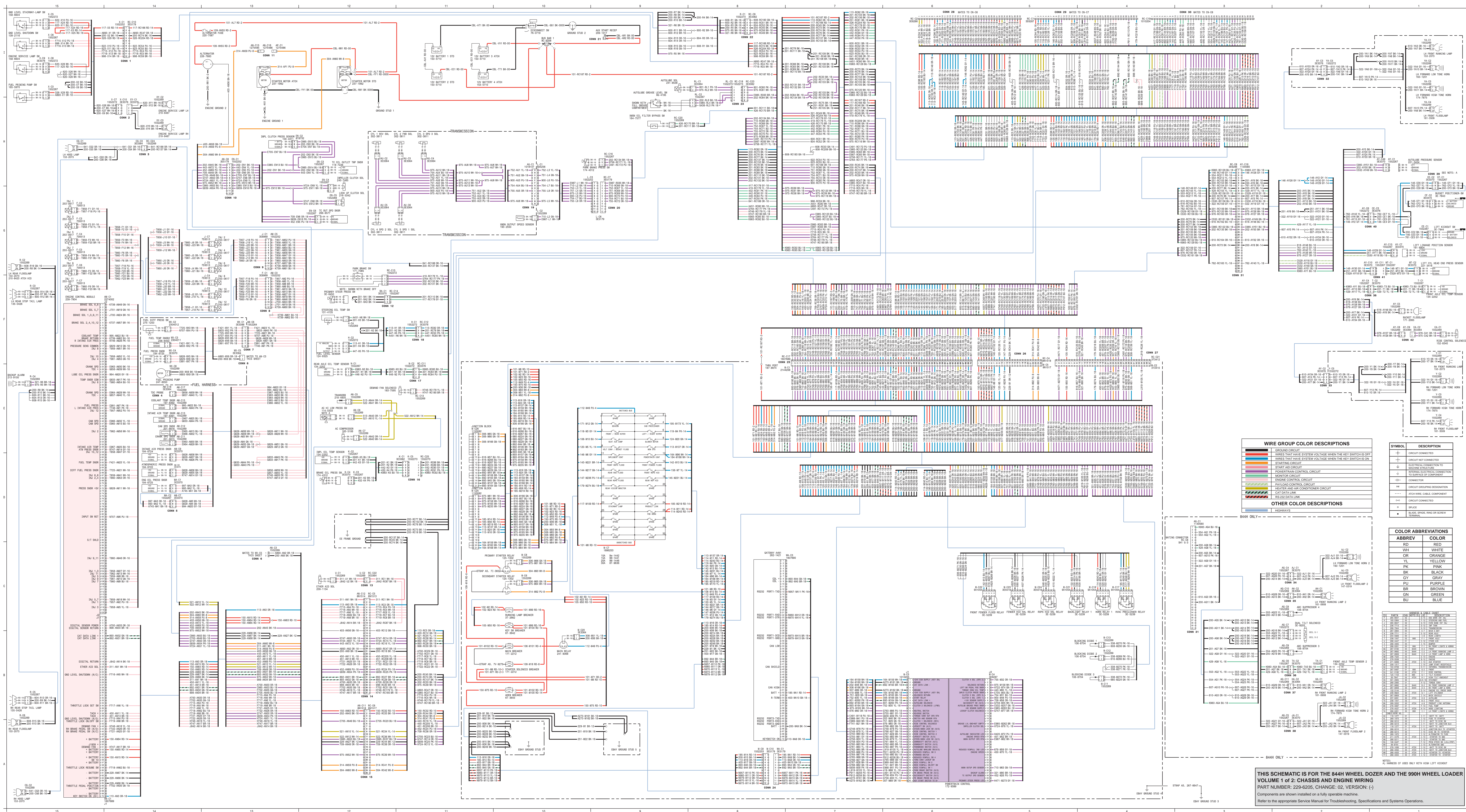
Volume 1 of 2: Chassis and Engine Wiring

REN8827-01 VOL 1 of 2 36 Page, (Dimensions: 48 inches x 35 inches)



Resistor, Sender and Solenoid Specifications Table with columns for Part No., Component Description, Resistance (Ohms), and Notes.

Off Machine Switch Specification Table with columns for Part No., Function, Actuator, Deactivate, and Contact Position.



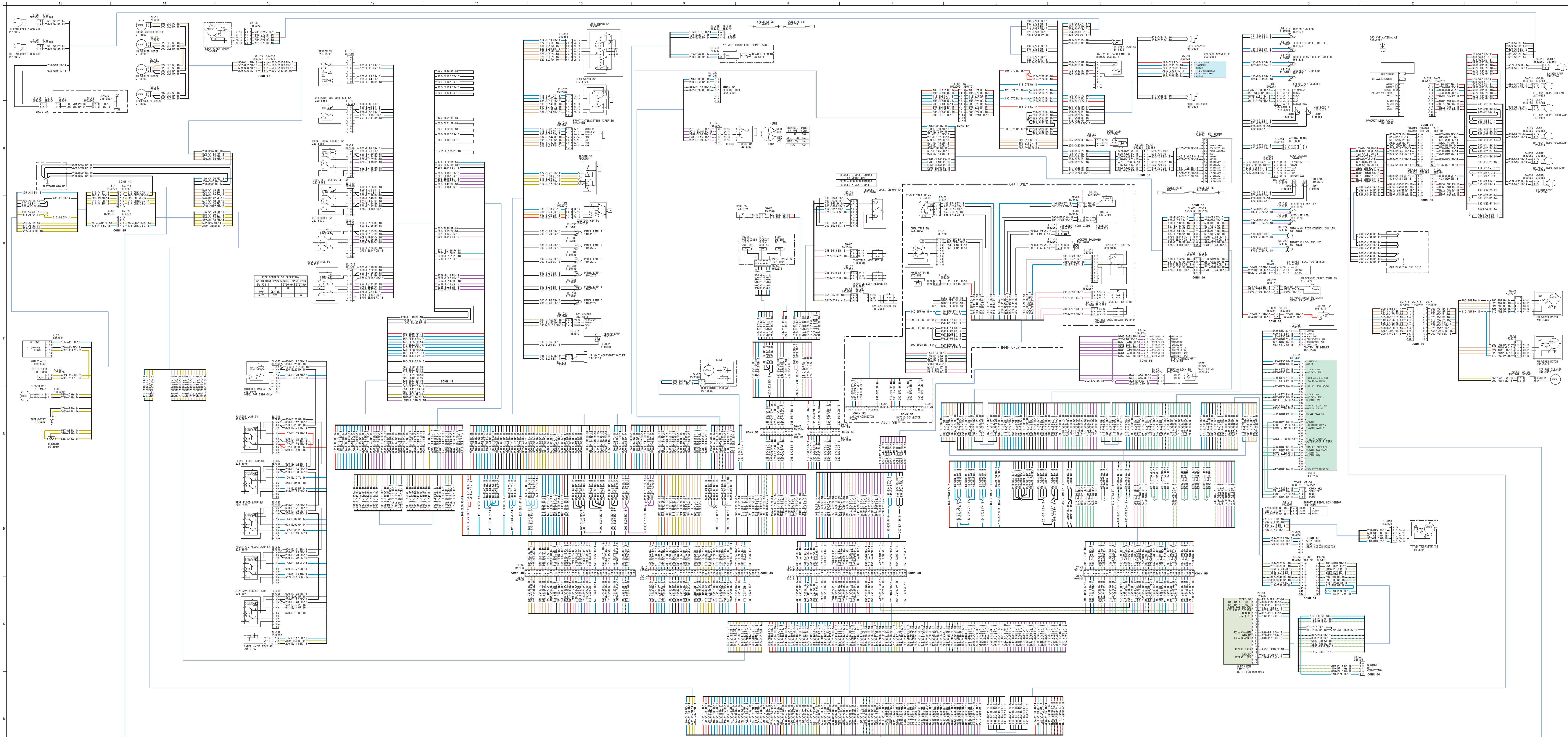
WIRE GROUP COLOR DESCRIPTIONS	
[Red line]	GROUND CIRCUIT
[Blue line]	WIRES THAT HAVE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS OFF
[Green line]	WIRES THAT HAVE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS ON
[Yellow line]	START AND CIRCUIT
[Orange line]	POWERTRAIN CONTROL CIRCUIT
[Purple line]	ENGINE CONTROL CIRCUIT
[Pink line]	HYDRAULIC CONTROL CIRCUIT
[Light Blue line]	HEATER AND AIR CONDITIONER CIRCUIT
[Light Green line]	EX-230 DATA LINK

OTHER COLOR DESCRIPTIONS	
[Black line]	TRANSMISSION

SYMBOL	DESCRIPTION
[Circle with cross]	GROUND CONNECTION
[Circle with plus]	CIRCUIT NOT CONNECTED
[Circle with minus]	ELECTROVALVE CONNECTION
[Circle with dot]	INTERLOCK CONNECTION
[Circle with slash]	CONNECTOR
[Circle with X]	GROUNDING DISCREPANCY
[Circle with triangle]	WATER SEAL CABLE COMPONENT
[Circle with square]	GROUND CONNECTION
[Circle with diamond]	GROUND
[Circle with asterisk]	BLACK SHEATHING ON BATTERY

COLOR ABBREVIATIONS	
ABBREVIATION	COLOR
WH	WHITE
OR	ORANGE
YL	YELLOW
PK	PINK
BLK	BLACK
GRY	GRAY
PU	PURPLE
BRN	BROWN
GN	GREEN
BLU	BLUE

THIS SCHEMATIC IS FOR THE 844H WHEEL DOZER AND THE 990H WHEEL LOADER
VOLUME 1 of 2: CHASSIS AND ENGINE WIRING
PART NUMBER: 229-6205, CHANGE: 02, VERSION: ()
Components are shown installed on a fully operable machine.
Refer to the appropriate Service Manual for Troubleshooting, Specifications and Systems Operations.



WIRE GROUP COLOR DESCRIPTIONS	
(Red line)	GROUND CIRCUIT
(Blue line)	WIRES THAT HAVE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS OFF
(Yellow line)	WIRES THAT HAVE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS ON
(Green line)	IGNITION CONTROL CIRCUIT
(Orange line)	STARTING CIRCUIT
(Light Blue line)	COMBINATION LOCK CIRCUIT
(Purple line)	REVERSE CONTROL CIRCUIT
(Pink line)	TRUCK CONTROL CIRCUIT
(Light Green line)	TRUCK CONTROL CIRCUIT
(Dark Green line)	HEATER AND AIR CONDITIONERS CIRCUIT
(Light Purple line)	WIPER MOTOR CIRCUIT
(Light Yellow line)	WIPER MOTOR CIRCUIT
(Light Blue line)	CAT LAMP
(Light Cyan line)	WIPER MOTOR CIRCUIT

OTHER COLOR DESCRIPTIONS	
(Light Cyan line)	WIPER MOTOR CIRCUIT
(Light Green line)	WIPER MOTOR CIRCUIT
(Light Yellow line)	WIPER MOTOR CIRCUIT
(Light Blue line)	WIPER MOTOR CIRCUIT

SYMBOL DESCRIPTION	
(Square with cross)	GROUND CONNECTION
(Square with dot)	GROUND CONNECTION
(Square with cross in circle)	ELECTRICALLY CONNECTED TO GROUND
(Square with dot in circle)	ELECTRICALLY CONNECTED TO BATTERY
(Square with dot in circle)	CONNECTION
(Square with dot in circle)	CONNECTION
(Square with dot in circle)	CONNECTION
(Square with dot in circle)	CONNECTION
(Square with dot in circle)	CONNECTION
(Square with dot in circle)	CONNECTION
(Square with dot in circle)	CONNECTION
(Square with dot in circle)	CONNECTION
(Square with dot in circle)	CONNECTION

COLOR ABBREVIATIONS	
ABBREV	COLOR
RED	RED
WH	WHITE
OR	ORANGE
Y	YELLOW
PK	PINK
BLK	BLACK
GY	GRAY
PU	PURPLE
GRN	GREEN
GN	GREEN
BLU	BLUE

THIS SCHEMATIC IS FOR THE 844H WHEEL DOZER AND THE 990H WHEEL LOADER
VOLUME 2 of 2: CAB WIRING
PART NUMBER: 229-6205, CHANGE: 02, VERSION: (-)
Components are shown installed on a fully equipped machine.
Refer to the appropriate Service Manual for Troubleshooting, Specifications and Systems Operators.