CATERPILLAR®

UENR5411-02
September 2014

Schematic

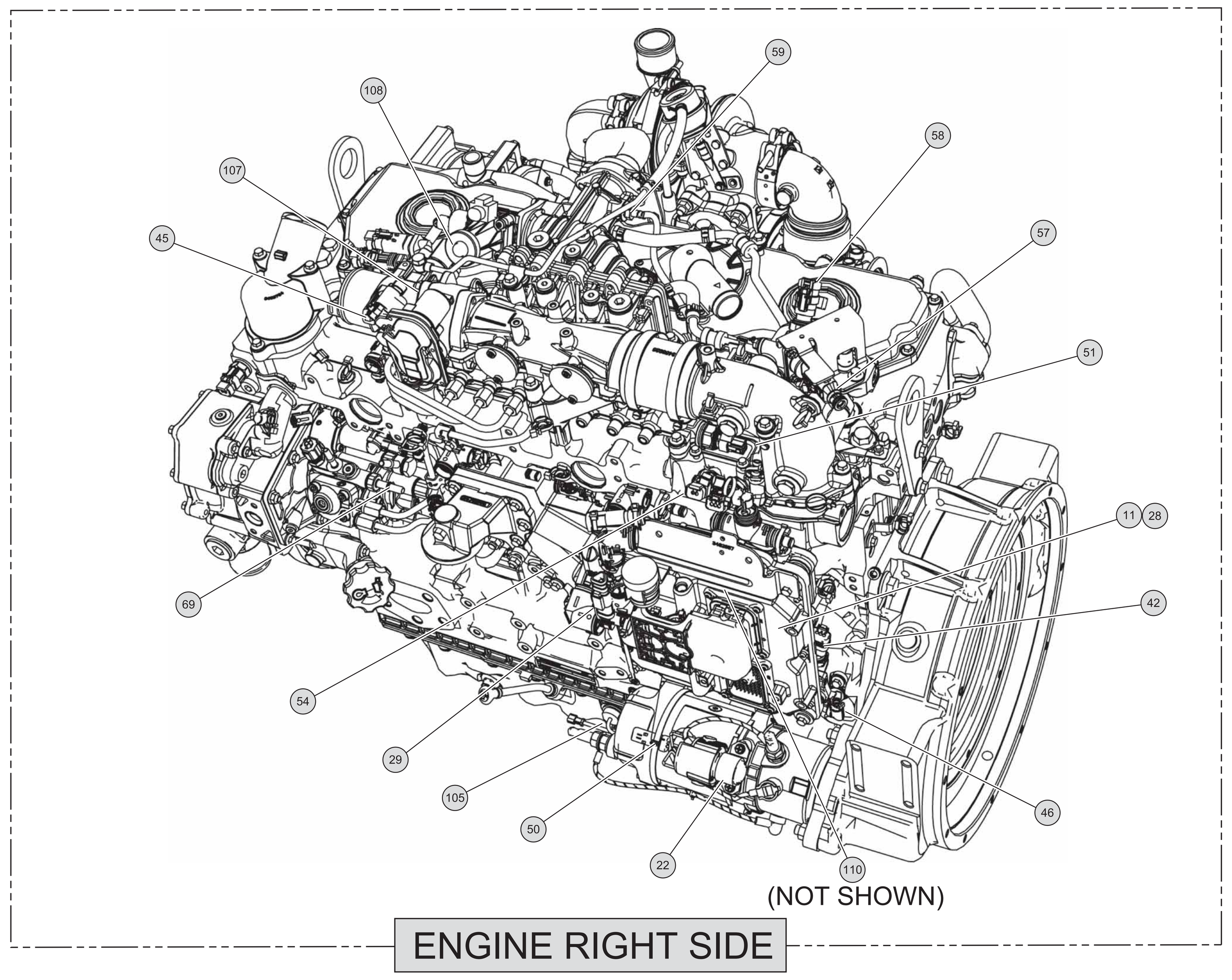
950K and 962K Wheel Loader Electrical System

950K:
R4A2000-UP
J5M1000-UP
FER500-UP

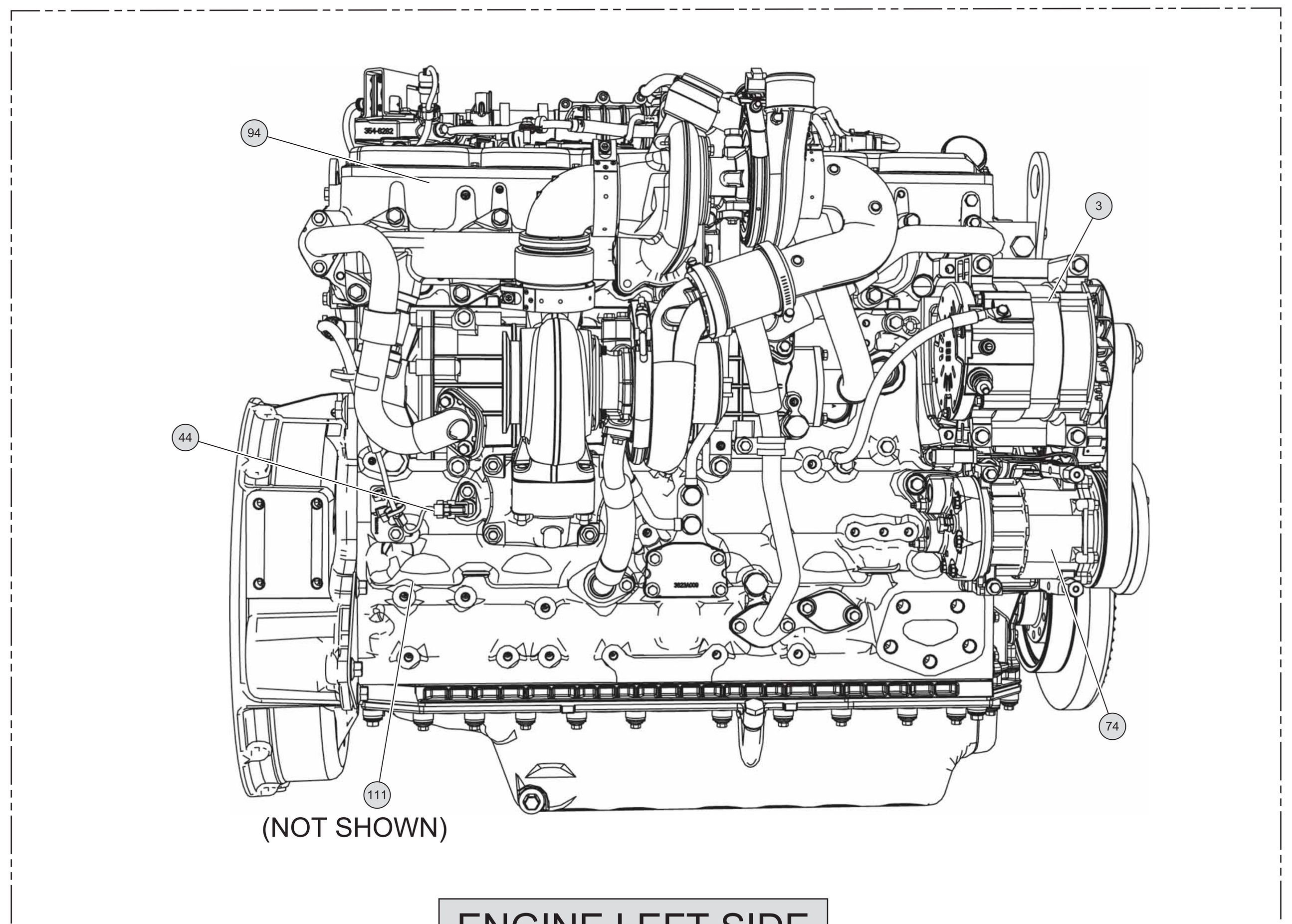
962K:
T6A1000-UP
FLL400-UP
X4T483-UP

Volume 1 of 2: Chassis and Engine Wiring

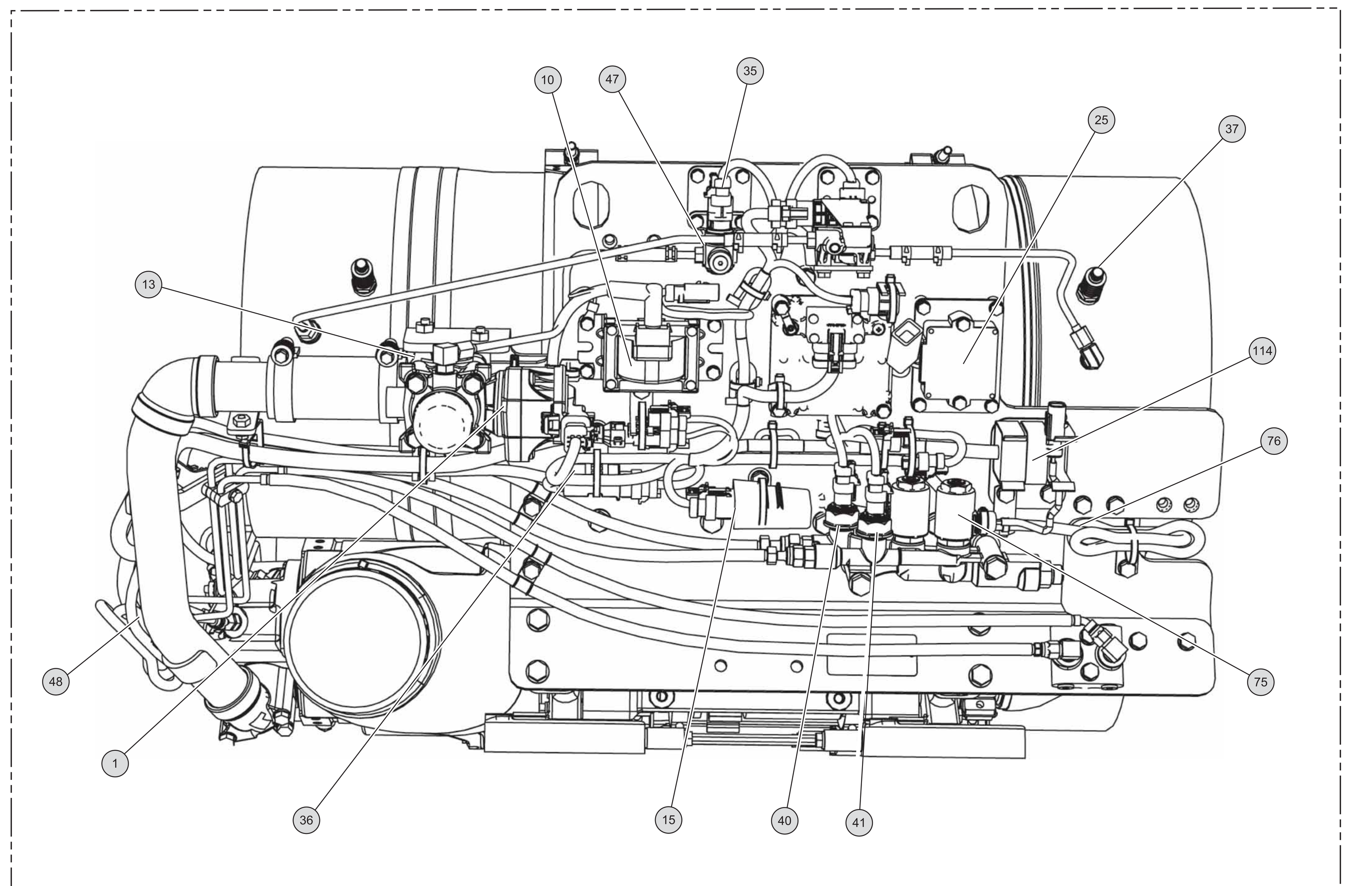
Printed in U.S.A.



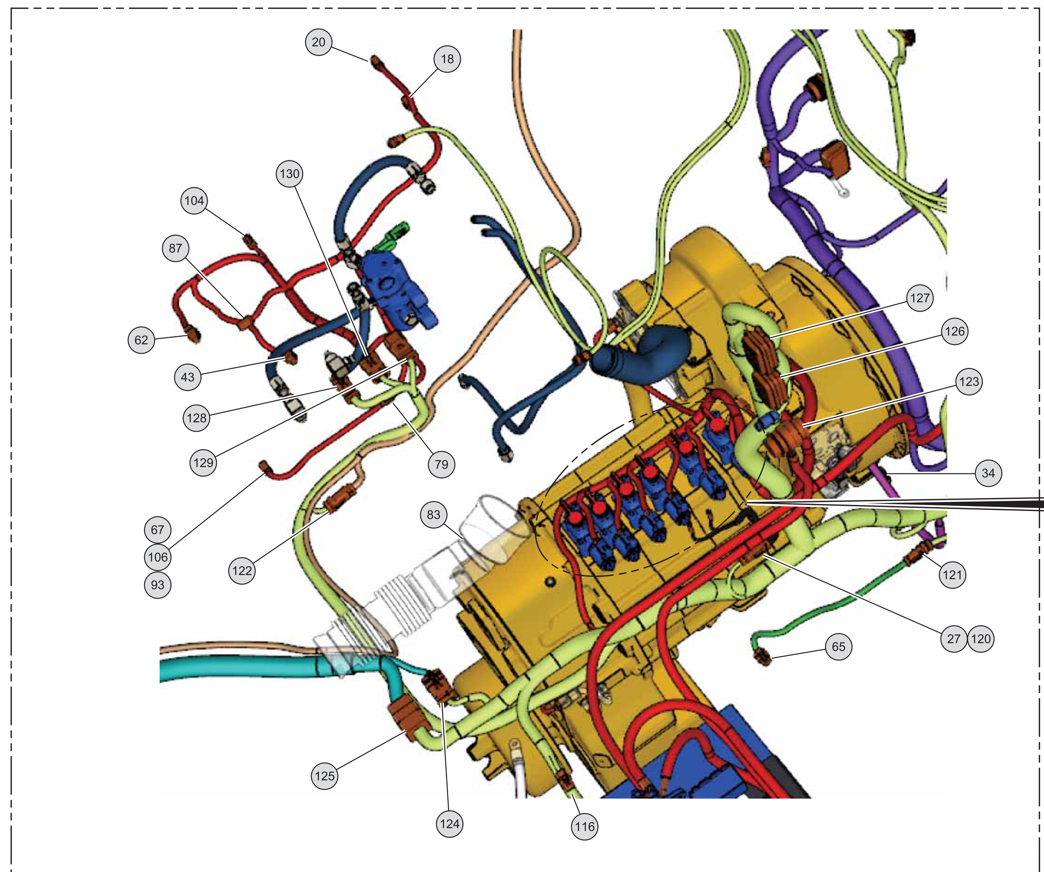
ENGINE RIGHT SIDE



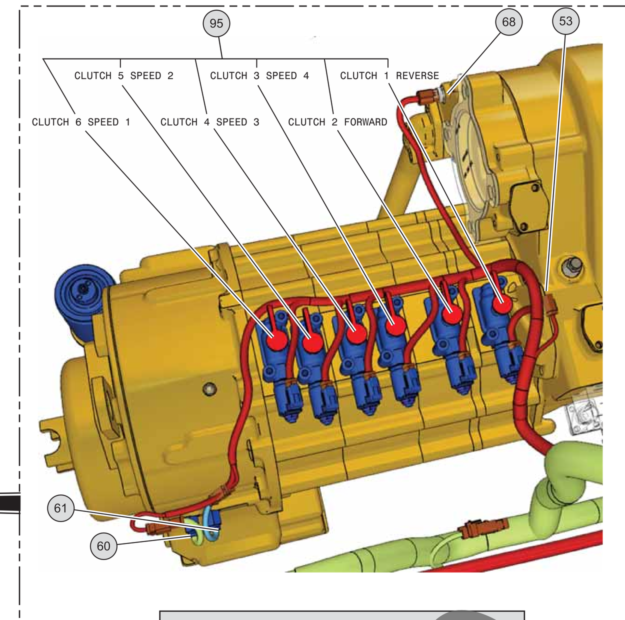
ENGINE LEFT SIDE



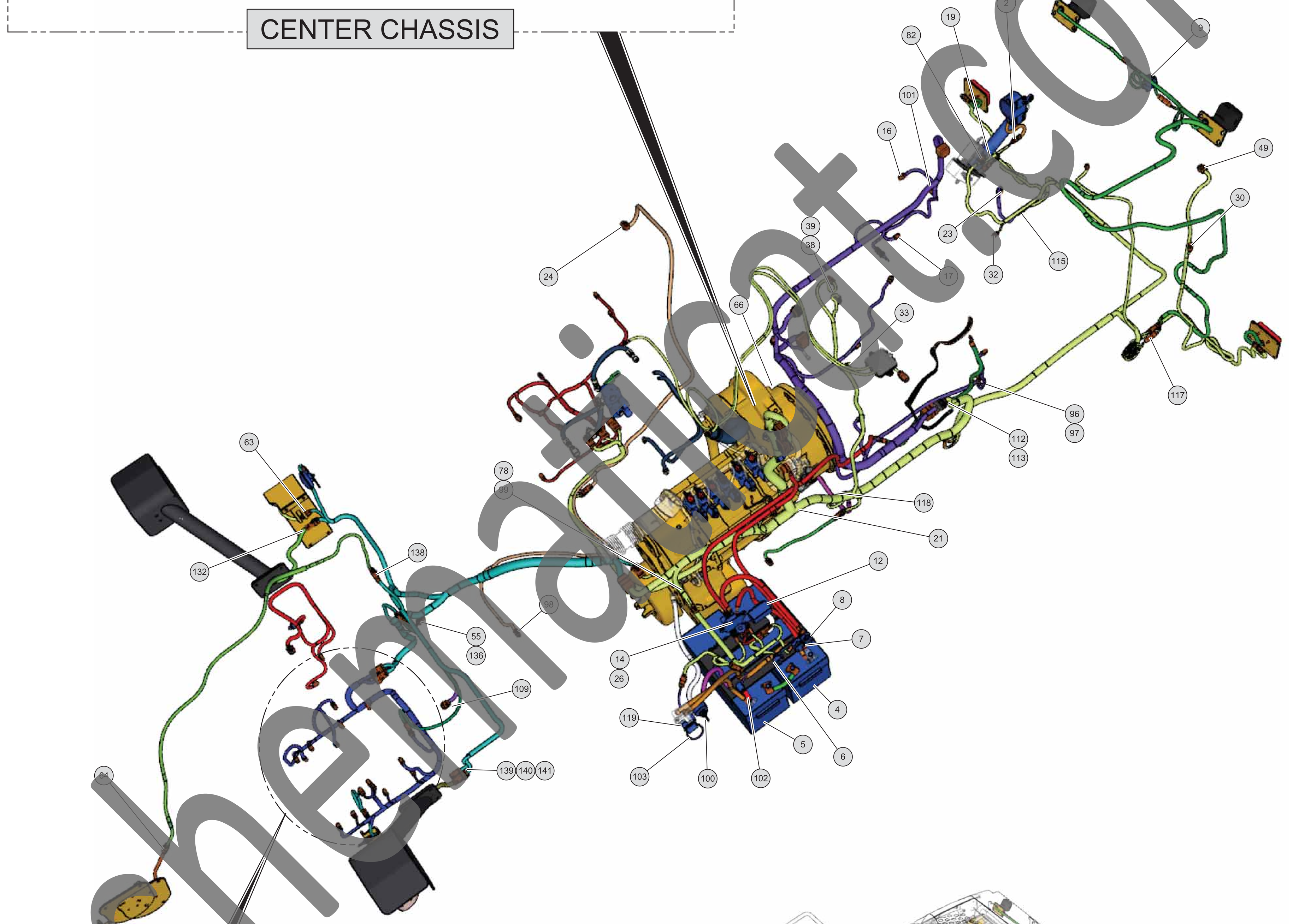
ENGINE CEM

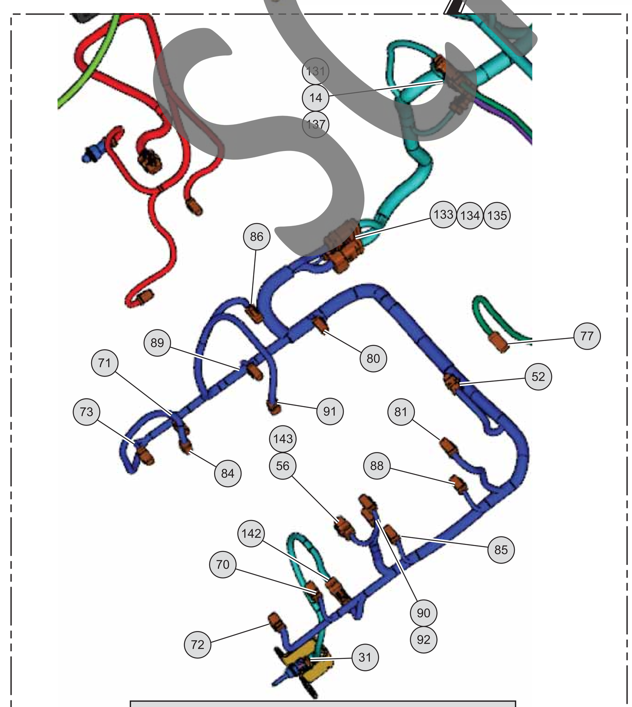


CENTER CHASSIS

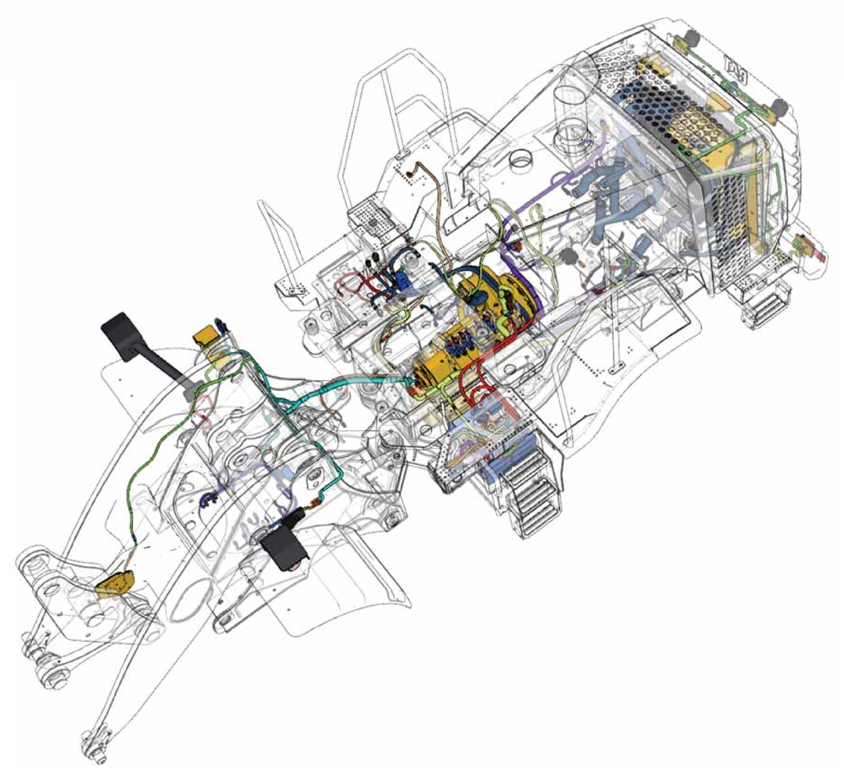


TRANSMISSION





IMPLEMENT VALVE



CHASSIS

Volume 1 - Component Location					
Component	**Schematic Location**	**Machine Location**	**Component**	**Schematic Location**	**Machine Location**
Actuator - ARD Air Flow Control	L-17	1	Sensor - Lift Cylinder Rod End Pressure	G-1	56
Alarm - Backup	I-15	2	Sensor - NRS Differential Pressure	F-16	57
Alternator	B-13	3	Sensor - NRS Intake Pressure	F-16	58
Battery - 1	C-13	4	Sensor - NRS Temperature	F-16	59
Battery - 2	C-13	5	Sensor - Output Speed 1	K-11	60
Breaker - Engine Control	C-11	6	Sensor - Output Speed 2	K-11	61
Breaker - Glow Plug	C-11	7	Sensor - Park Brake Pressure	D-2	62
Breaker - Main	B-11	8	Sensor - Rotary Lift Position	H-3	63
Camera - Rear View	H-15	9	Sensor - Rotary Tilt Position	K-2	64
Coil - ARD Ignition Transformer Primary	J-17	10	Sensor - Steering Pump Oil Pressure 1	E-11	65
Control - Engine	E-18	11	Sensor - Steering Pump Oil Pressure 2	E-11	65
Control - Hood Raise/Lower	J-15	12	Sensor - Torque Converter Temperature	A-15	66
Heater - ARD Fuel Nozzle	J-18	13	Sensor - Transmission Oil Pressure	D-4	67
Junction Block	C-13	14	Sensor - Transmission Oil Temperature	K-11	68
Module - Aftertreatment ID	K-17	15	Sensor - Water In Fuel	F-15	69
Motor - CRS Fuel Transfer Pump	E-15	16	Solenoid - 3rd Function Port A	H-1	70
Motor - Electric Lift Pump	E-15	17	Solenoid - 3rd Function Port B	H-1	71
Motor - Front Washer	C-3	18	Solenoid - 4TH Function Port A	H-1	72
Motor - Hood Actuator	J-15	19	Solenoid - 4TH Function Port B	H-1	73
Motor - Rear Washer	C-3	20	Solenoid - A/C Clutch	A-15	74
Motor - Secondary Steering	D-11	21	Solenoid - ARD Fuel Press #1 Cont Actuator	K-17	75
Motor - Starter	B-13	22	Solenoid - ARD Fuel Press #2 Cont Actuator	J-17	76
Motor - VPF Compressor	K-16	23	Solenoid - Axle Oil Cooler Clutch	G-2	77
Pump - Autolube	G-11	24	Solenoid - Bellyguard Actuator	L-16	78
Relay - ARD Fuel Nozzle Heater	I-17	25	Solenoid - Demand Speed Fan	B-3	79
Relay - Glow Plug	C-11	26	Solenoid - Dump	I-1	80
Relay - Secondary Steering	D-11	27	Solenoid - Dump Anti-Drift	H-1	81
Resistor - CAN A	A-15	28	Solenoid - Ether Aid	E-11	82
Resistor - CAN Term	C-16	29	Solenoid - Fan Block	D-4	83
Resistor - Engine CAN	H-14	30	Solenoid - Implement Pilot Supply	H-1	84
Sender - Front Axle Oil Temperature	J-1	31	Solenoid - Lower	I-1	85
Sender - Fuel Level	J-15	32	Solenoid - Lower Anti-Drift	I-1	86
Sender - Hydraulic Oil Temperature	E-11	33	Solenoid - Park Brake	C-3	87
Sender - Rear Axle Oil Temperature	H-15	34	Solenoid - Rackback	J-1	88
Sensor - Aftertreatment 1 Sec Air Press	I-17	35	Solenoid - Raise	I-1	89
Sensor - Aftertreatment Gas DPF In	K-17	36	Solenoid - Ride Control Balance	I-1	90
Sensor - Aftertreatment NRS Temperature	K-17	37	Solenoid - Ride Control Head End Check	I-1	91
Sensor - Air Filter	G-14	38	Solenoid - Ride Control Rod End Check	J-1	92
Sensor - Air Inlet Temperature	G-14	39	Solenoid - Transmission Bypass	D-4	93
Sensor - ARD Fuel Press #1 (Pilot)	K-17	40	Solenoids - Injector (1-6)	B-16, C-16	94
Sensor - ARD Fuel Press #2 (Main)	J-17	41	Solenoids - Transmission	J-11, K-11	95
Sensor - Barometric Pressure	D-16	42	Switch - A/C High / Low Pressure	A-15	96
Sensor - Brake Accumulation Oil Pressure	C-2	43	Switch - A/C Low Pressure	A-15	97
Sensor - Cam Speed	D-16	44	Switch - Autolube Pressure	G-11	98
Sensor - Charge Air Cooler Out Temperature	D-15	45	Switch - Bellyguard Actuator	L-16	99
Sensor - Crank Speed	D-16	46	Switch - Disconnect	D-13	100
Sensor - DPF Intake Pressure	I-17	47	Switch - Fuel Priming Pump	E-14	101
Sensor - DPF Intake Temperature	K-17	48	Switch - Ground Level Shutdown	K-15	102
Sensor - DPF Soot Sensor	H-14	49	Switch - Hood Actuator	K-15	103
Sensor - Engine Oil Pressure	D-16	50	Switch - Hydraulic Filter Bypass	B-3	104
Sensor - Fuel Rail Pressure	C-16	51	Switch - Low Oil Level	D-15	105
Sensor - Implement Pump Discharge Press	J-1	52	Switch - Transmission Filter Bypass	C-3	106
Sensor - Input Speed	L-11	53	Valve - Engine Intake Throttle	F-16	107
Sensor - Intake Air Manifold Pressure	D-16	54	Valve - NRS	D-16	108
Sensor - Lift Cylinder Head End Pressure	J-2	55	Valve Gp - Quick Coupler	K-2	109

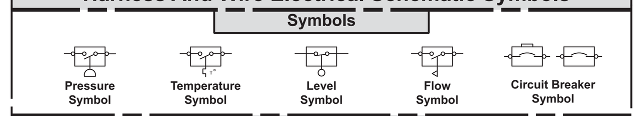
Always check component part numbers with Parts Manual for your specific machine.

Volume 1 - Connector Location		
Connector Number	**Schematic Location**	**Machine Location**
CONN 1	G-16	110
CONN 2	B-15	111
CONN 3	B-15	112
CONN 4	C-15	113
CONN 5	F-15	114
CONN 6	K-15	115
CONN 7	L-15	116
CONN 8	I-14	117
CONN 9	H-14	118
CONN 10	D-13	119
CONN 11	D-11	120
CONN 12	E-11	121
CONN 13	G-11	122
CONN 14	K-9	123
CONN 15	K-6	124
CONN 16	J-6	125
CONN 17	H-6	126
CONN 18	E-6	127
CONN 19	D-4	128
CONN 20	C-4	129
CONN 21	C-4	130
CONN 22	G-3	131
CONN 23	H-3	132
CONN 24	I-3	133
CONN 25	I-3	134
CONN 26	I-3	135
CONN 27	J-3	136
CONN 28	K-3	137
CONN 29	K-3	138
CONN 30	K-3	139
CONN 31	L-2	140
CONN 32	L-2	141
CONN 33	J-2	142
CONN 34	G-1	143

The connectors shown in this chart are for harness to harness connectors. Connectors that join a harness to a component are generally located at or near the component. See the Component Location Chart.

Harness And Wire Electrical Schematic Symbols

Symbols



Symbols and Definitions

Fuse: A component in an electrical circuit that will open the circuit if too much current flows through it.

Switch (Normally Open): A switch that will close at a specified point (temp, press, etc.). The circle indicates that the component has screw terminals and a wire can be disconnected from it.

Switch (Normally Closed): A switch that will open at a specified point (temp, press, etc.). No circle indicates that the wire cannot be disconnected from the component.

Ground (Wired): This indicates that the component is connected to a grounded wire. The grounded wire is fastened to the machine.

Ground (Case): This indicates that the component does not have a wire connected to ground. It is grounded by being fastened to the machine.

Reed Switch: A switch whose contacts are controlled by a magnet. A magnet closes the contacts of a normally open reed switch; it opens the contacts of a normally closed reed switch.

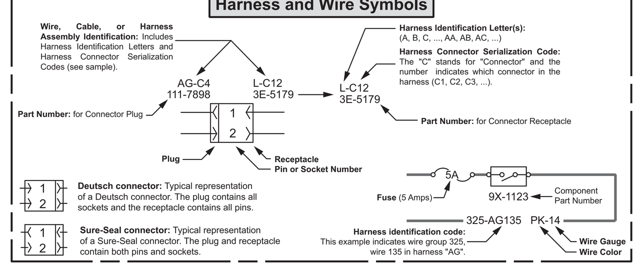
Sender: A component that is used with a temperature or pressure gauge. The sender measures the temperature or pressure. Its resistance changes to give an indication to the gauge of the temperature or pressure.

Relay (Magnetic Switch): A relay is an electrical component that is activated by electricity. It has a coil that makes an electromagnet when current flows through it. The electromagnet can open or close the switch part of the relay.

Solenoid: A solenoid is an electrical component that is activated by electricity. It has a coil that makes an electromagnet when current flows through it. The electromagnet can open or close a valve or move a piece of metal that can do work.

Magnetic Latch Solenoid: A magnetic latch solenoid is an electrical component that is activated by electricity and held latched by a permanent magnet. It has two coils (latch and unlatch) that make electromagnet when current flows through them. It also has an internal switch that places the latch coil circuit open at the time the coil latches.

Harness and Wire Symbols



Off-Machine Switch Specification					
Part No.	**Function**		**Actuate**	**Deactuate**	**Contact Position**
355-3148	A/C High / Low Pressure	Low	275 kPa MAX (39.8 psi MAX)	170 ± 55 kPa (24.6 ± 7.9 psi)	0-1 and 0-3 Normally Open 0-2 Normally Closed
		High	2800 ± 140 kPa (406.1 ± 20.3 psi)	1750 ± 140 kPa (253.8 ± 20.3 psi)	
149-6371	A/C Low Pressure		103.4 ± 13.8 kPa (14.9 ± 2 psi)	34.5 ± 7 kPa (5 ± 1 psi)	Normally Open
310-8636	Hydraulic Filter Bypass		497 kPa (72 psi)	- -	Normally Closed

[1] With increasing pressure the closed condition can be maintained up to 2800 kPa (405 psi), with decreasing pressure the closed condition can be maintained down to 170 kPa (25 psi).

[2] Contact position at the contacts of the harness connector.

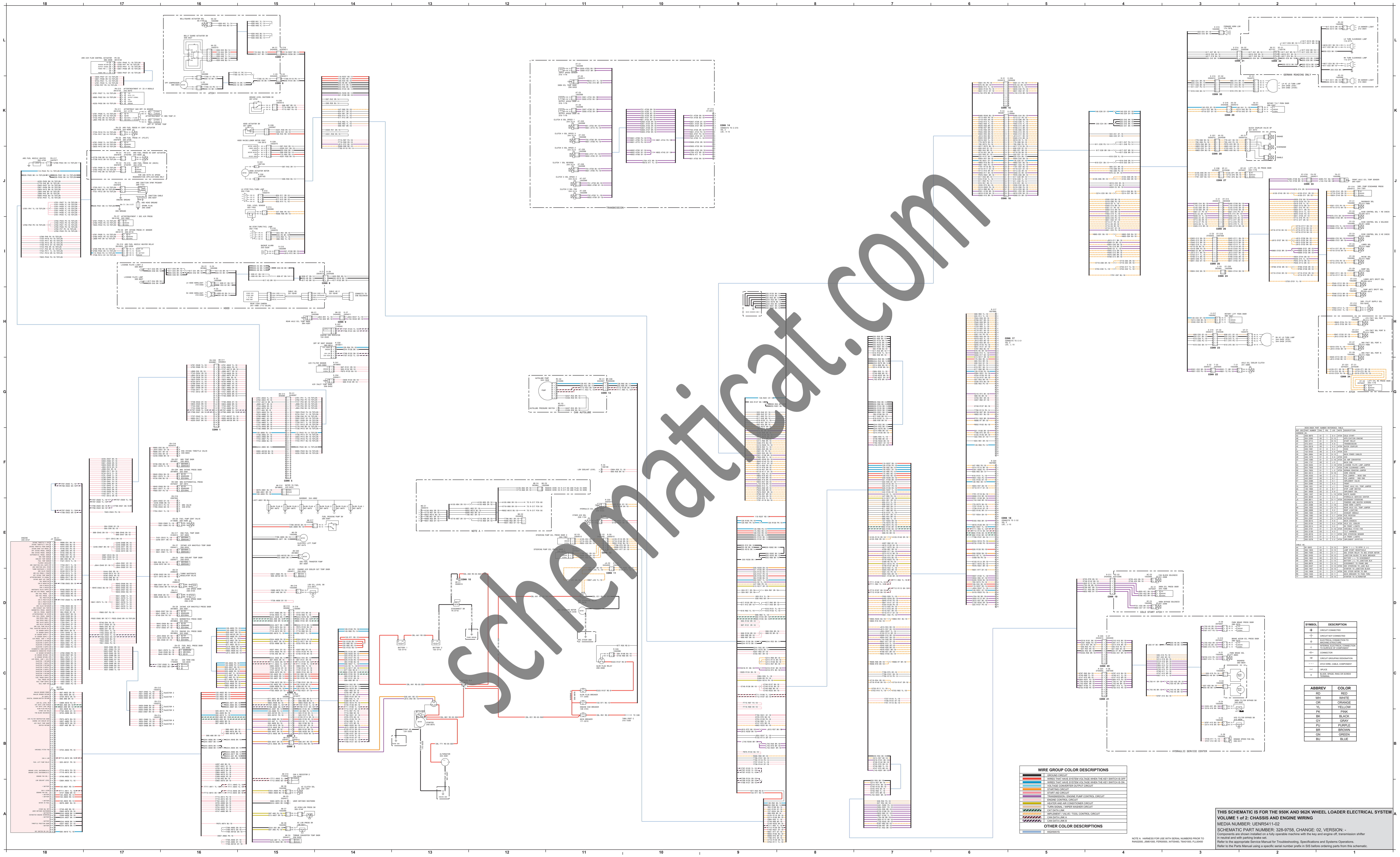
Related Electrical Service Manuals	
Title	**Form Number**
Alternator: Bosch	SENR3685
Starting Motor: Delco iMT 500	SENR3860
Engine Control:	UENR0635

Resistor, Sender and Solenoid Specifications			
Part No.	**Component Description**		**Resistance (Ohms)[1]**
134-2540	Resistor	CAN A CAN Term Engine CAN	120 ± 12
264-4297	Sender	Front Axle Oil Temperature Rear Axle Oil Temperature	-40°C = 33.65k 25°C = 1k 150°C = 18.6
322-7452	Sender	Fuel Level	Full: 28-33 Half: 103 Empty: 240-250
256-6453	Sender	Hydraulic Oil Temperature	-40°C = 33.65k 25°C = 1k 150°C = 18.6
313-7668	Solenoid	3rd Function Port A and B 4th Function Port A and B Dump Lower Rackback Raise	5 ± 0.3
320-1291	Solenoid	A/C Clutch	17.6 ± 0.6
344-6590	Solenoid	ARD Fuel Press #1 Cont Actuator ARD Fuel Press #2 Cont Actuator	2.01 ± 0.2
241-5899	Solenoid	Axle Oil Cooler Clutch	24 ± 0.5
338-0511	Solenoid	Demand Speed Fan	5 ± 0.3
333-8242	Solenoid	Implement Pilot Supply	33.75 ± 1.68
328-4314	Solenoid	Dump Anti-Drift Lower Anti-Drift Ride Control Rod End Check	33.8
239-1134	Solenoid	Ether Aid	20
251-3268	Solenoid	Fan Block Ride Control Balance Ride Control Head End Check Transmission Bypass	33.75 ± 1.68
277-8863	Solenoid	Park Brake	33.75 ± 1.68

[1] At room temperature unless otherwise noted.

UENR5411-02 VOL 1 of 2

42 Page, (Dimensions: 56 inches x 35 inches)



950K/962K PART NUMBER REFERENCE TABLE						
REF DES	PART NUMBER	CHG	VOL	LOC	NOTE	DESCRIPTION
HARNESS AS.						
AC	358-8875	01	1	D-4	ATCH	COLD START
AM	354-2383	05	1	D-15		APPLICATION ENGINE
AN	362-0714	01	1	B-15		START RELAY
AT	373-9441	03	1	K-9		TRANSMISSION
AX	354-0919	00	1	K-3	ATCH	QUICK COUPLER
A	346-1081	01	2	K-4		HVAC
CA	152-6432	06	2	E-9	ATCH	CCS
CN	384-3884	00	2	G-13		MAIN POWER CABLES
CR	346-1073	01	2	E-9	ATCH	CCS
CV	346-1080	01	2	C-16	ATCH	20 AMP CONVERTER
C	438-1737	00	2	J-5		MAIN CAB
EA	349-0505	01	1	I-16	ATCH	LICENSE PLATE LAMP JUMPER
EC	354-7606	01	1	K-1	ATCH	TURN CLEARANCE LAMPS
EK	354-7605	01	1	L-2	ATCH	GERMAN ROADING JUMPER
EN	364-0612	01	1	G-16		CORE ENGINE
EP	439-4535	00	1	J-3		PCS JUMPER - HEAD END
ET	440-0607	00	1	G-1		PCS JUMPER - ROD END
EY	354-2386	03	1	H-1		IMPLEMENT VALVE
E	354-2385	03	1	K-3		FRONT
FA	358-1631	02	1	J-1		FRONT AXLE OIL TEMP JUMPER
GA	146-1892	01	2	B-7		STOP LAMP SWITCH
G	391-4959	02	2	E-9		IMPLEMENT SAL
HA	383-1307	00	1	L-15	ATCH	WASTE GUARD
H	350-9228	01	1	C-4		HYDRAULIC SERVICE CENTER
JA	326-8811	02	1	D-11	ATCH	SECONDARY STEERING
J	293-0279	03	2	L-1		POWERED AND HEATED MIRRORS
K	354-2388	03	1	I-16		HOOD WORK LIGHTS
MH	358-1632	03	1	H-14		REAR AXLE OIL TEMP JUMPER
M	290-2968	04	2	K-2		ROOF LIGHTING
PH	358-1594	00	1	K-17		EXHAUST MODULE
PY	346-1083	02	2	C-7	ATCH	PCS PRINTER
RC	354-2387	02	1	G-11	ATCH	AUTOLUBE
R	438-8215	00	1	K-6		MAIN CHASSIS
T	355-6104	00	1	G-3	ATCH	AXLE OIL COOLER
UY	358-0014	00	1	H-2		RH FRONT LIGHTS
V	356-2161	01	1	K-16	ATCH	VARIABLE PITCH FAN
XA	355-5126	03	1	K-3		TILT HARNESS
XC	438-8216	01	1	E-11	ATCH	SEC STEERING SENSOR
XY	358-0013	01	1	K-2		LH FRONT LIGHTS
X	293-0278	04	2	C-2	ATCH	IMPLEMENT JOYSTICK
CABLE AS.						
AA	8V-0622	01	1	D-13		BTRY 1 (-) TO BTRY 2 (+)
AW	356-1803	02	1	D-13		JUMP START RECEPTACLE
CC	360-7590	03	1	D-11		SEC STEER RELAY TO SEC STEER MOTOR
EE	362-3435	01	1	B-12		JUNCTION BLOCK TO MAIN BREAKER
GG	356-1802	02	1	D-13		BATTERY (-) TO DISCONNECT
HH	356-1801	02	1	C-13		BATTERY (+) TO JUNCTION BLK
JJ	358-8876	03	1	D-12		DISCONNECT TO FRAME GND
KK	356-2457	02	1	D-12	ATCH	SEC STEERING TO JUNC BLK
MM	356-1807	03	1	B-13		STARTER TO JUNCTION BLOCK
PP	132-1806	01	1	D-11	ATCH	SEC STEER MOTOR TO GND
RN	359-1500	02	1	B-11		MAIN BREAKER TO PASS THRU
TT	356-1800	03	1	B-13		STARTER TO ALTERNATOR

SYMBOL	DESCRIPTION
	CIRCUIT CONNECTED
	CIRCUIT NOT CONNECTED
	ELECTRICAL CONNECTION TO MACHINE STRUCTURE
	INTERNAL ELECTRICAL CONNECTION TO SURFACE OF COMPONENT
	CONNECTOR
H#	CIRCUIT GROUPING DESIGNATION
---	ATCH WIRE, CABLE, COMPONENT
	SPLICE
	BLADE, SPADE, RING OR SCREW TERMINAL

ABBREV	COLOR
RD	RED
WH	WHITE
OR	ORANGE
YL	YELLOW
PK	PINK
BK	BLACK
GY	GRAY
PU	PURPLE
BR	BROWN
GN	GREEN
BU	BLUE

WIRE GROUP COLOR DESCRIPTIONS	
	GROUND CIRCUIT
	WIRES THAT HAVE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS OFF
	WIRES THAT HAVE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS ON
	VOLTAGE CONVERTER OUTPUT CIRCUIT
	STARTING CIRCUIT
	START AID CIRCUIT
	TRANSMISSION / ENGINE PUMP CONTROL CIRCUIT
	ENGINE CONTROL CIRCUIT
	HEATER AND AIR CONDITIONER CIRCUIT
	TURN SIGNAL / WIPER WASHER CIRCUIT
	CAT DATA LINK
	IMPLEMENT / VALVE / TOOL CONTROL CIRCUIT
	CAN DATA LINK A
	CAN DATA LINK B
OTHER COLOR DESCRIPTIONS	
	HIGHWAYS

NOTE A: HARNESS FOR USE WITH SERIAL NUMBERS PRIOR TO R4A02000, J5M01000, FER00500, X4T00483, T6A01000, FLL00400

THIS SCHEMATIC IS FOR THE 950K AND 962K WHEEL LOADER ELECTRICAL SYSTEM
VOLUME 1 of 2: CHASSIS AND ENGINE WIRING

MEDIA NUMBER: UENR5411-02

SCHEMATIC PART NUMBER: 328-9758, CHANGE: 02, VERSION: -

Components are shown installed on a fully operable machine with the key and engine off, transmission shifter in neutral and with parking brake set.

Refer to the appropriate Service Manual for Troubleshooting, Specifications and Systems Operations.

Refer to the Parts Manual using a specific serial number prefix in SIS before ordering parts from this schematic.

CATERPILLAR

UENR5411-02
September 2014

Schematic

950K and 962K Wheel Loader Electrical System

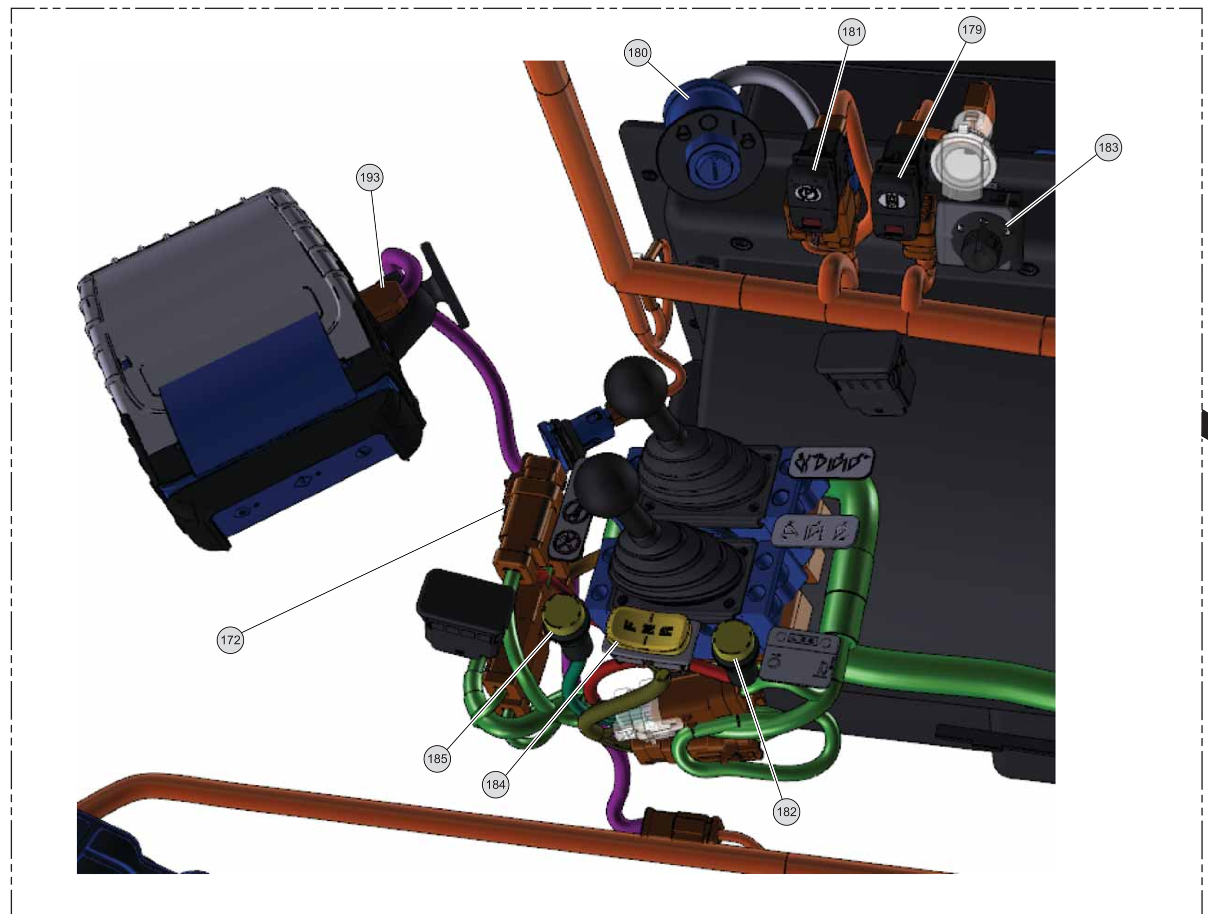
950K:	962K:
R4A2000-UP	T6A1000-UP
J5M1000-UP	FLL400-UP
FER500-UP	X4T483-UP

Volume 2 of 2: Cab Wiring

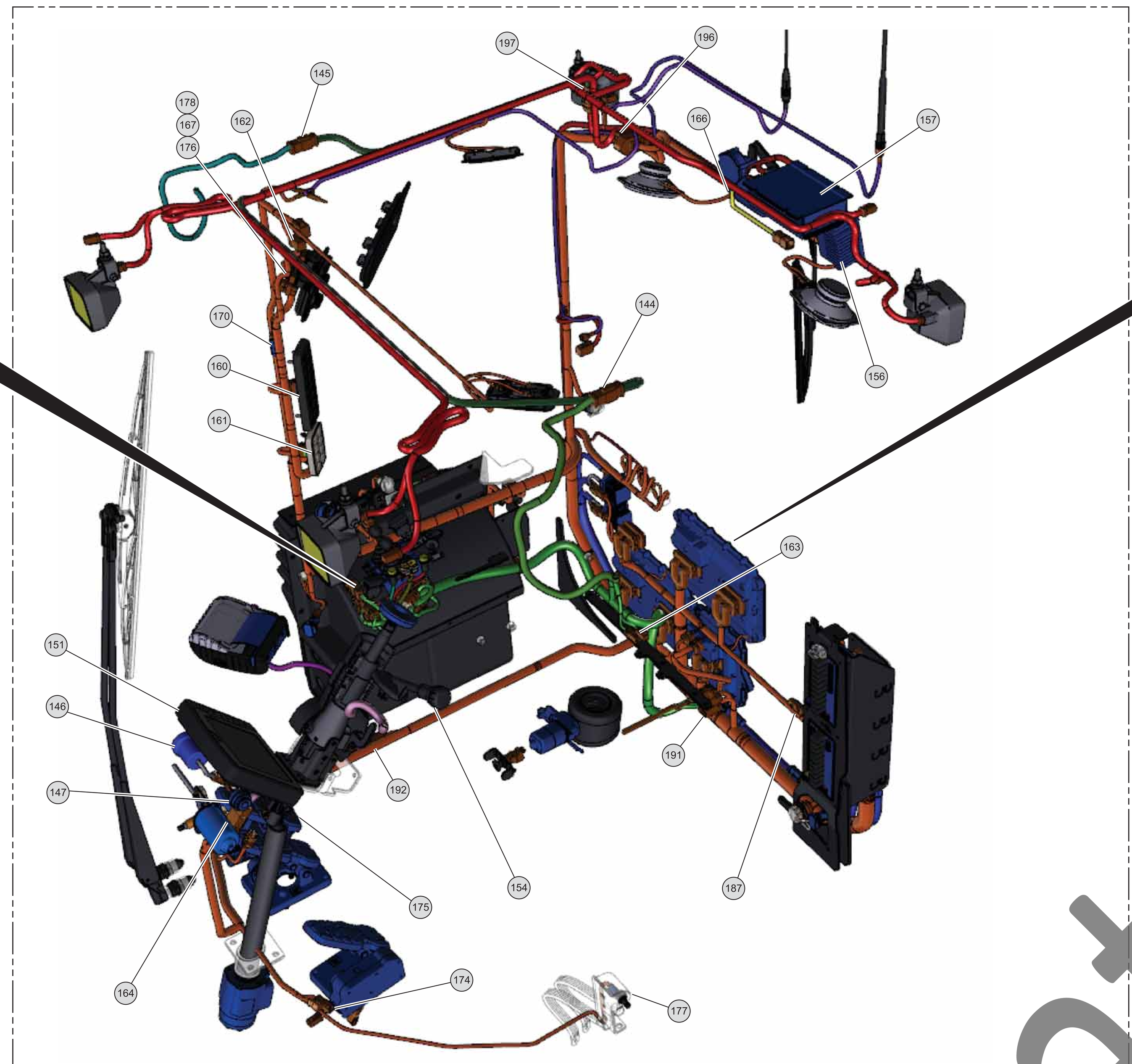
Printed in U.S.A.

UENR5411-02 VOL 2 of 2

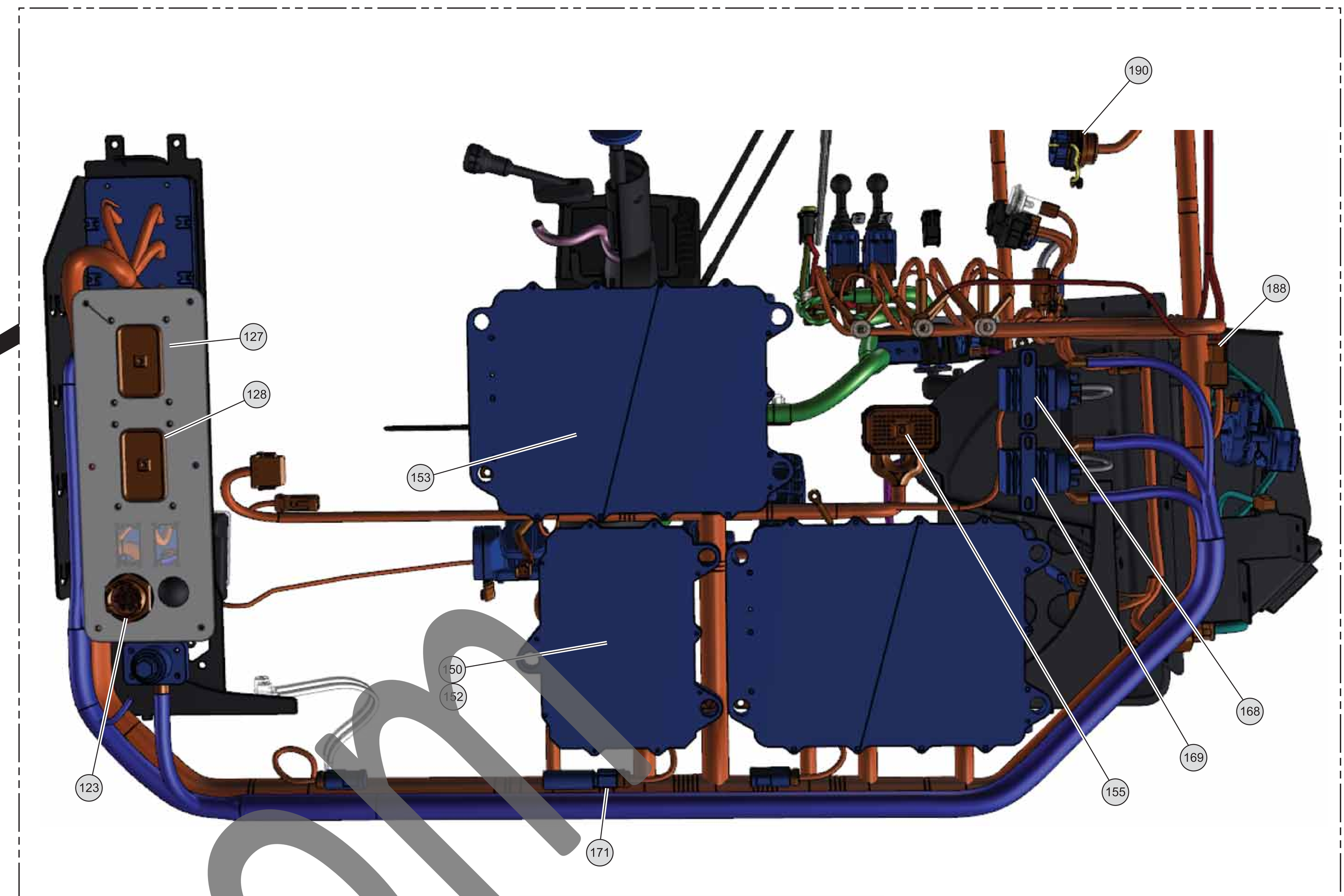
42 Page, (Dimensions: 56 inches x 35 inches)



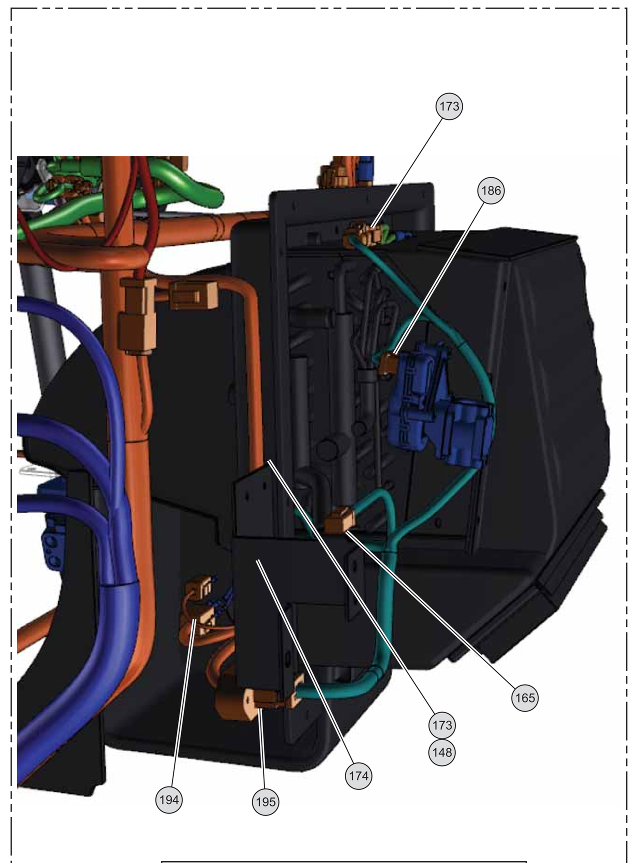
JOYSTICK



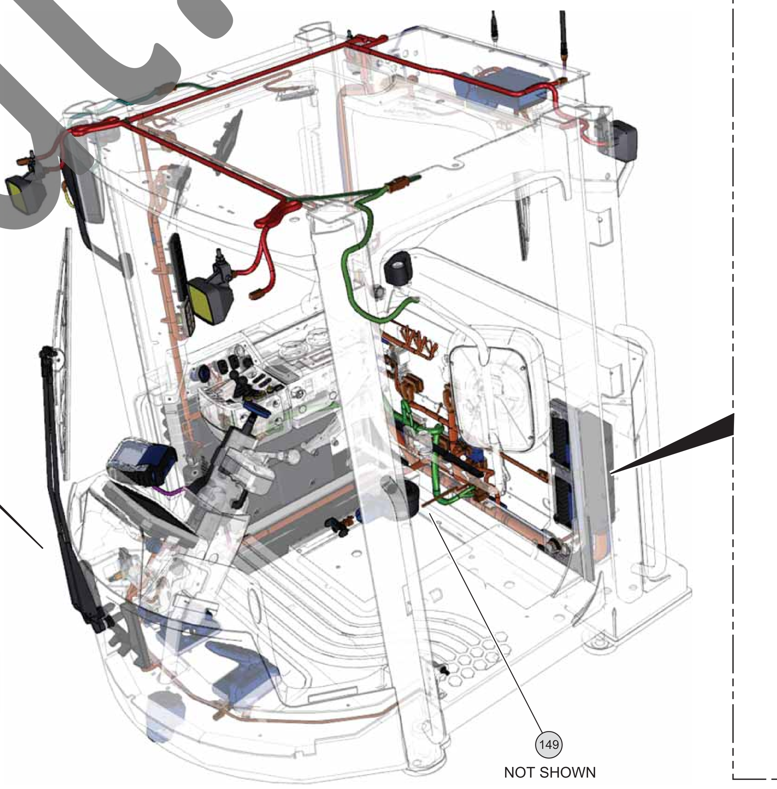
CAB WIRING

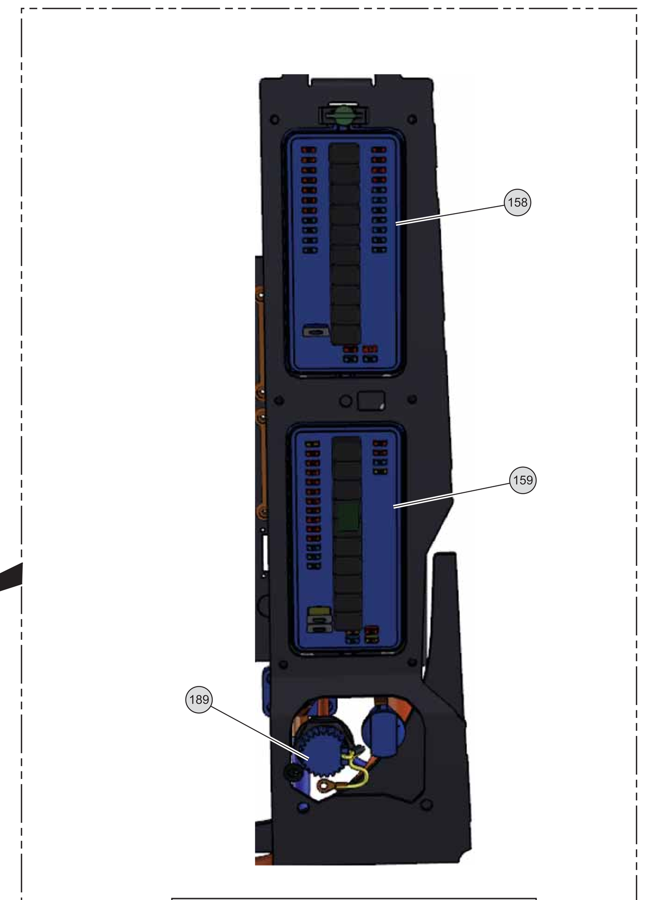


REAR CAB



HVAC





FUSE BLOCKS

Volume 2 - Connector Location		
Connector Number	**Schematic Location**	**Machine Location**
CONN 14	H-10	123
CONN 17	L-10	127
CONN 18	J-10	128
CONN 35 3rd Party VIMS Radio Atch	D-16	187
CONN 36	C-16	188
CONN 37 VIMS Service Port	F-14	189
CONN 38	E-10	164
CONN 39 ET Service Connector	E-10	190
CONN 40	D-4, D-10	191
CONN 41	C-4, C-10	191
CONN 42	E-9	192
CONN 43	B-7	174
CONN 44	C-7	192
CONN 45 PCS Printer	C-6	193
CONN 46	I-5	194
CONN 47	K-5	195
CONN 48	L-5	196
CONN 49	L-2	197

The connectors shown in this chart are for harness to harness connectors. Connectors that join a harness to a component are generally located at or near the component. See the Component Location Chart.

Volume 2 - Component Location					
Component	**Schematic Location**	**Machine Location**	**Component**	**Schematic Location**	**Machine Location**
Actuator - LH Mirror	L-1	144	Relay - High Beams	I-14	159
Actuator - RH Mirror	L-1	145	Relay - Left Hand Tail Lamps	I-13	159
Alarm - Action	D-16	146	Relay - Low Beams	I-14	159
Alarm - Machine Feature	D-16	147	Relay - Low Current Mode	G-14	168
Blower As	K-4	148	Relay - Main	G-14	169
Coil As - MSS Exciter	D-5	149	Relay - Rear HID Lamps	L-13	158
Control - Flasher	I-18	150	Relay - Rear Lamps	K-13	158
Control - Instrument Cluster	A-7	151	Relay - Rear Wiper High / Low	K-14	158
Control - Relay Driver Module	H-18	152	Relay - Rear Wiper On / Off	K-14	158
Control - Transmission	K-16	153	Relay - Right Hand Tail Lamps	I-13	159
Control - Transmission Gear Selector	L-13	154	Relay - VPF	L-13	158
Control - VIMS Main	F-16	155	Resistor - CAN A	C-5	170
Converter - 10A	I-5	156	Resistor - HVAC Pull Up	F-18	171
Converter - 20A	C-17	157	Sensor - 3rd Lever Position	B-9	172
Fuse Block - Switched	J-14	158	Sensor - 4th Function Thumbroller	B-9	172
Fuse Block - Unswitched	H-14	159	Sensor - HVAC Evaporator Thermostat	K-4	173
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Always check component part numbers with Parts Manual for your specific machine.

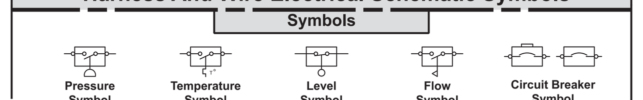
Related Electrical Service Manuals	
Title	**Form Number**
Engine Control:	UENR0635
Transmission Control:	KENR5791
Implement Control:	KENR5803
VIMS 3G Control:	UENR0769

Resistor, Sender and Solenoid Specifications		
Part No.	**Component Description**	**Resistance (Ohms)[1]**
134-2540	Resistor: CAN	120 ± 12
228-4982	Resistor: HVAC Pull Up	150 ± 7.5

[1] At room temperature unless otherwise noted.

Harness And Wire Electrical Schematic Symbols

Symbols



Symbols and Definitions

Fuse: A component in an electrical circuit that will open the circuit if too much current flows through it.

Switch (Normally Open): A switch that will close at a specified point (temp, press, etc.). The circle indicates that the component has screw terminals and a wire can be disconnected from it.

Switch (Normally Closed): A switch that will open at a specified point (temp, press, etc.). No circle indicates that the wire cannot be disconnected from the component.

Ground (Wired): This indicates that the component is connected to a grounded wire. The grounded wire is fastened to the machine.

Ground (Case): This indicates that the component does not have a wire connected to ground. It is grounded by being fastened to the machine.

Reed Switch: A switch whose contacts are controlled by a magnet. A magnet closes the contacts of a normally open reed switch; it opens the contacts of a normally closed reed switch.

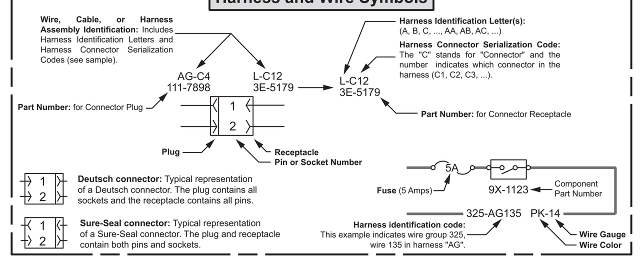
Sender: A component that is used with a temperature or pressure gauge. The sender measures the temperature or pressure. Its resistance changes to give an indication to the gauge of the temperature or pressure.

Relay (Magnetic Switch): A relay is an electrical component that is activated by electricity. It has a coil that makes an electromagnet when current flows through it. The electromagnet can open or close the switch part of the relay.

Solenoid: A solenoid is an electrical component that is activated by electricity. It has a coil that makes an electromagnet when current flows through it. The electromagnet can open or close a valve or move a piece of metal that can do work.

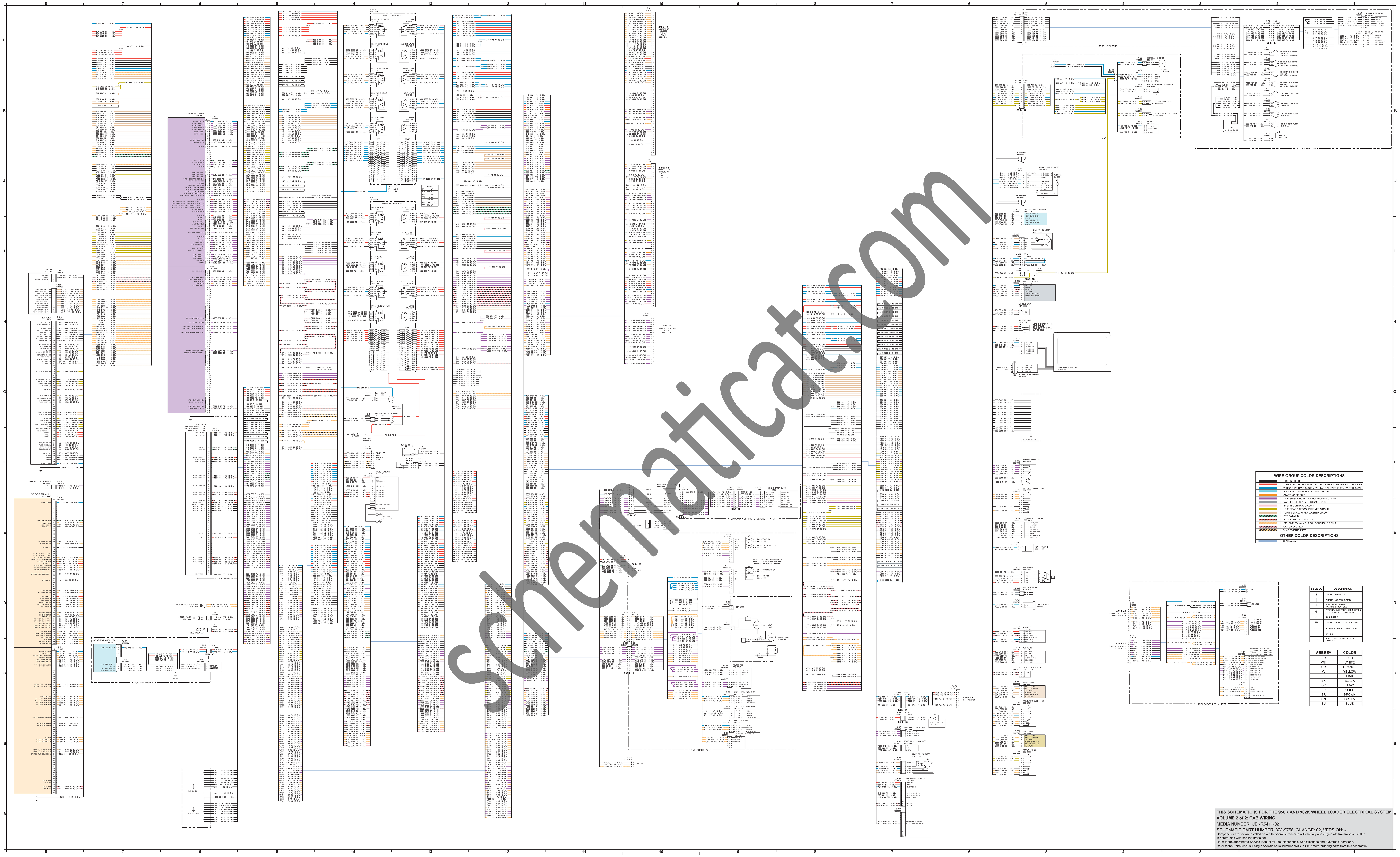
Magnetic Latch Solenoid: A magnetic latch solenoid is an electrical component that is activated by electricity and held latched by a permanent magnet. It has two coils (latch and unlatch) that make electromagnet when current flows through them. It also has an internal switch that places the latch coil circuit open at the time the coil latches.

Harness and Wire Symbols



UENR5411-02 VOL 2 of 2

42 Page, (Dimensions: 56 inches x 35 inches)



WIRE GROUP COLOR DESCRIPTIONS

- GROUND CIRCUIT
- WIRES THAT HAVE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS OFF
- WIRES THAT HAVE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS ON
- VOLTAGE CONVERTER OUTPUT CIRCUIT
- STARTING CIRCUIT
- TRANSMISSION / ENGINE PUMP CONTROL CIRCUIT
- MACHINE SECURITY CONTROL CIRCUIT
- ENGINE CONTROL CIRCUIT
- HEATER AND AIR CONDITIONER CIRCUIT
- TURN SIGNAL / WIPER WASHER CIRCUIT
- CAT DATA LINK
- VIMS 3G RS-232 DATA LINK
- IMPLEMENT / VALVE / TOOL CONTROL CIRCUIT
- CAN DATA LINK A
- VIMS 3G ETHERNET

OTHER COLOR DESCRIPTIONS

- HIGHWAYS

SYMBOL	DESCRIPTION
	CIRCUIT CONNECTED
	CIRCUIT NOT CONNECTED
	ELECTRICAL CONNECTION TO MACHINE STRUCTURE
	INTERNAL ELECTRICAL CONNECTION TO SURFACE OF COMPONENT
	CONNECTOR
H#	CIRCUIT GROUPING DESIGNATION
- - -	ATCH WIRE, CABLE, COMPONENT
	SPLICE
	BLADE, SPADE, RING OR SCREW TERMINAL

ABBREV	COLOR
RD	RED
WH	WHITE
OR	ORANGE
YL	YELLOW
PK	PINK
BK	BLACK
GY	GRAY
PU	PURPLE
BR	BROWN
GN	GREEN
BU	BLUE

THIS SCHEMATIC IS FOR THE 950K AND 962K WHEEL LOADER ELECTRICAL SYSTEM

VOLUME 2 of 2: CAB WIRING

MEDIA NUMBER: UENR5411-02

SCHEMATIC PART NUMBER: 328-9758, CHANGE: 02, VERSION: -

Components are shown installed on a fully operable machine with the key and engine off, transmission shifter in neutral and with parking brake set.

Refer to the appropriate Service Manual for Troubleshooting, Specifications and Systems Operations.

Refer to the Parts Manual using a specific serial number prefix in SIS before ordering parts from this schematic.