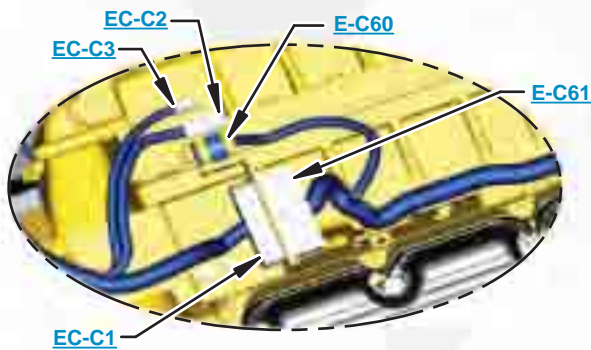


This document is best viewed at a screen resolution of 1024 X 768.

To set your screen resolution do the following:
RIGHT CLICK on the **DESKTOP**.
 Select **PROPERTIES**.
CLICK the **SETTINGS TAB**.
MOVE THE SLIDER under **SCREEN RESOLUTION** until it shows **1024 X 768**.
CLICK OK to apply the resolution.

The Bookmarks panel will allow you to quickly navigate to points of interest.



Click on any text that is BLUE and underlined. These are hyperlinks that can be used to navigate the schematic and machine views.

VIEW ALL CALLOUTS

When only one callout is showing on a machine view this button will make all of the callouts visible. This button is located in the top right corner of every machine view page.

HOTKEYS (Keyboard Shortcuts)		
	FUNCTION	KEYS
	Zoom In	“CTRL” / “+”
	Zoom Out	“CTRL” / “-”
	Fit to Page	“CTRL” / “0” (zero)
	Hand Tool	“SPACEBAR” (hold down)
	Find	“CTRL” / “F”



Schematic

Skid Steer Loaders:

216B, 216B2, 226B, 226B2, 232B, 232B2, 236B, 236B2, 242B, 242B2, 246B, 248B, 252B, 252B2, 262B, 268B

Multi Terrain Loaders:

247B, 247B2, 257B, 257B2, 267B, 277B, 287B

Electrical System

216B: RLL1-6799	232B2: SCH2475-2824	246B: PAT1-UP	252B2: SCP4600-5409	268B: LBA1-UP
216B2: RLL6800-7699	236B: HEN1-6749	247B: MTL1-5074	257B: SLK1-7299	277B: MDH1-UP
226B: MJH1-10574	236B2: HEN6750-8069	247B2: MTL5075-5699	257B2: SLK7300-8299	287B: ZSA1-UP
226B2: MJH10575-12174	242B: BXM1-4224	248B: SCL1-UP	262B: PDT1-UP	
232B: SCH1-2474	242B2: BXM4225-4774	252B: SCP1-4599	267B: CYC1-UP	

Volume 1 of 2: Engine & Chassis

Volume 2 of 2: Cab

COMPONENT LOCATION

Volume 1 of 2 - ENGINE & CHASSIS



Component	Schematic Location	Machine Location	Component	Schematic Location	Machine Location
Alarm - Backup	C-14	16	Relay - Main Power B (A)	E-12	45
Alternator (A)	C-8	14	Relay - Main Power B (B)	G-15	44
Alternator (B)	I-10	33	Relay - Main Power C (A)	E-12	45
Battery (A)	A-8	11	Relay - Main Power C (B)	G-15	44
Battery (B)	G-11	13	Relay - Main Power D (A)	D-12	45
Breaker - Main (A)	B-9	45	Relay - Main Power D (B)	G-15	44
Breaker - Main (B)	H-12	45	Relay - Start (A)	D-8	45
Breaker - Rooding (A)	B-9	45	Relay - Start (B)	I-10	45
Breaker - Rooding (B)	G-12	44	Resistor - DMML Alternator (A)	C-7	14
Coil - Ferrite Asy.	C-2	19	Sender - Fuel Level (A)	F-12	12
Control - Auxiliary Hydraulic Control	F-1	47	Sender - Fuel Level (B)	H-15	46
Control - Operator Interlock	H-1	48	Socket - Power +12 Volts	F-5	6
Diode - Block (A)	B-8	15	Solenoid - (C-) High Flow (A)	E-5	8
Diode - Fuel Pump (Arc Suppression)	D-15	11	Solenoid - (C-) High Flow (B)	D-5	8
Fuses - Block 1	G-5	6	Solenoid - (C+) High Flow (A)	E-5	8
Fuses - Block 2 (Work Tools)	G-8	6	Solenoid - (C+) High Flow (B)	D-5	8
Glow Plugs (A)	A-7	15	Solenoid - A1	E-7	8
Glow Plugs (B)	G-10	15	Solenoid - A2	E-7	8
Ground - Engine Stud (A)	B-7	49	Solenoid - Boost Flow (A)	E-5	8
Ground - Engine Stud (B)	H-10	49	Solenoid - Cold Start Pump (B)	G-10	14
Ground - Lower Frame	I-15	21	Solenoid - Continuous Flow (A)	D-5	8
Ground - Lower Platform	D-4	39	Solenoid - Continuous Flow (B)	C-5	8
Ground - Upper Frame	I-15	21	Solenoid - Detent Valve (248,268, High Flow)	D-5	19
Ground - Upper Frame Stud (A)	C-12	51	Solenoid - Fuel Shutdown (A)	B-8	33
Ground - Upper Frame Stud (B)	F-15	11	Solenoid - Fuel Shutdown (B)	H-10	14
Handle - 1 SW - LH	I-1	20	Solenoid - Impl Pilot (248,268,High Flow)	A-5	19
Handle - 2 SW - LH	H-2	20	Solenoid - Implement Pilot	C-2	19
Handle - 2 SW - RH	D-1	19	Solenoid - Parking Brake	D-4	39
Handle - 2 SW - RH	D-2	19	Solenoid - Quick Coupler (A)	B-12	11
Handle - 3 SW / Roller - RH	D-2	19	Solenoid - Quick Coupler (B)	E-15	53
Handle - 5 SW - LH	I-2	20	Solenoid - Transmission	H-3	20
Horn - Forward (A)	F-12	51	Solenoid - Two Speed (B)	E-5	39
Horn - Forward (B)	H-15	52	Solenoid - Valve Grp DVTR ARC MTL (B) 248 High Flow	F-15	52
Lamp - License	C-15	16	Solenoid - Valve Grp DVTR XR XRMTL (A)	B-12	52
Lamp - Signal Group	C-15	16	Solenoid - Valve Grp DVTR XR XRMTL (B) 268 High Flow	F-15	52
Lamp - Stop/Tail - LH Attachment	C-14	18	Stud - Power (A)	C-9	45
Lamp - Stop/Tail - RH Attachment	B-14	17	Stud - Power (B)	H-12	44
Motor - Fuel Prime Pump (B)	E-15	11	Switch - Air Filter Indicator (A)	B-12	45
Motor - Starter (A)	A-9	10	Switch - Air Filter Indicator (B)	E-15	44
Motor - Starter (B)	G-12	50	Switch - Backup Pressure	H-3	20
Motor - Water Pump	I-8	25	Switch - Cold Start Thermo Temp (B)	G-10	14
Relay - (C-) Fuse Block 2	H-8	6	Switch - Engine Coolant Temperature (A)	B-8	14
Relay - (C+) Fuse Block 2	H-8	6	Switch - Engine Coolant Temperature (B)	H-10	33
Relay - (C+/C-) Fuse Block 2	H-8	6	Switch - Engine Oil Pressure (A)	B-8	33
Relay - (C1) Fuse Block 2	G-8	6	Switch - Engine Oil Pressure (B)	H-10	14
Relay - (C2) Fuse Block 2	G-8	6	Switch - High Flow (248,268)	A-4	19
Relay - Boost Flow (A)	E-6	6	Switch - Hydraulic Filter Bypass (A)	D-12	13
Relay - Cold Start (A)	D-8	45	Switch - Hydraulic Filter Bypass (B)	F-15	54
Relay - Cold Start (B)	I-10	45	Switch - Hydraulic Oil Temp (A)	F-12	51
Relay - Fuel Pump	D-15	11	Switch - Hydraulic Oil Temp (B)	H-15	51
Relay - Lockout (248,268,Boost Flow)	B-6	7			
Relay - Main Power A (A)	E-12	44			
Relay - Main Power A (B)	G-15	44			

(A) = 216B / 226 / 232 / 242 / 247 / 257

(B) = 236B / 246 / 248 / 252 / 262 / 267 / 268 / 277 / 287

COMPONENT LOCATION

Volume 2 of 2 - CAB



Component	Schematic Location	Machine Location	Component	Schematic Location	Machine Location
Action Lamp Group - LH (COSA)	F-13	1	Solenoid - Valve Gp RC1	E-1	56
Action Lamp Group - LH (NACD)	E-9	1	Solenoid - Valve Gp RC2	E-1	56
Action Lamp Group - RH (COSA)	E-13	2	Switch - Armrest (COSA)	C-15	24
Action Lamp Group - RH (NACD)	F-9	2	Switch - Armrest (NACD)	C-11	24
Beacon And Beacon Socket (COSA)	D-13	36	Switch - Auto Leveler (COSA)	H-12	1
Beacon And Beacon Socket (NACD)	D-9	36	Switch - Auto Leveler (NACD)	H-8	1
Bottle - Washer	I-7	43	Switch - AUX Hydraulic Mode (COSA)	F-12	1
Coil - Ferrite Asy. (MSS)	G-3	21	Switch - AUX Hydraulic Mode (NACD)	F-8	1
Coil - MSS Exciter (COSA)	F-13	1	Switch - AUX Pressure Release (COSA)	H-12	1
Coil - MSS Exciter (NACD)	F-9	1	Switch - AUX Pressure Release (NACD)	H-8	1
Control - Machine Security System	H-1	21	Switch - Beacon (COSA)	E-12	2
Diode - Valve Group Remote Control	E-1	56	Switch - Cold Start (COSA)	G-12	1
Flasher (COSA)	F-15	34	Switch - Cold Start (NACD)	G-8	1
Ground - Cab (COSA)	H-15	34	Switch - Fan On/Off/On (Heater)	G-7	20
Ground - Cab (NACD)	H-11	34	Switch - Fan On/Off/On (HVAC)	E-7	20
Hour Meter (COSA)	G-13	1	Switch - Front Working Lamp (COSA)	C-12	2
Hour Meter (NACD)	G-9	1	Switch - Front Working Lamp (NACD)	C-8	2
Indicator - Fuel Level (COSA)	E-13	2	Switch - Hazard (COSA)	E-12	2
Indicator - Fuel Level (NACD)	E-9	2	Switch - HVAC Refrigerant Pressure	E-4	43
Lamp - Dome (COSA)	E-13	2	Switch - Hydraulic Lockout (COSA)	E-12	2
Lamp - Dome (NACD)	E-9	2	Switch - Hydraulic Lockout (Door)	H-5	57
Lamp - Flood - LH (COSA)	I-12	1	Switch - Hydraulic Lockout (NACD)	D-8	2
Lamp - Flood - LH (NACD)	I-8	1	Switch - Hydraulic Quick Coupler (COSA)	G-12	1
Lamp - Flood - RH (COSA)	B-12	2	Switch - Hydraulic Quick Coupler (NACD)	G-8	1
Lamp - Flood - RH (NACD)	B-8	2	Switch - Key Start (COSA)	F-13	1
Lamp - Head Turn - LH (Atch)	I-1	1	Switch - Key Start (NACD)	F-9	1
Lamp - Head Turn - RH (Atch)	I-1	2	Switch - Mode Off/On (HVAC)	D-7	20
Lamp - Rear Flood - LH (COSA)	I-15	3	Switch - Parking Brake (COSA)	F-12	1
Lamp - Rear Flood - LH (NACD)	I-11	3	Switch - Parking Brake (NACD)	F-8	1
Lamp - Rear Flood - RH (COSA)	E-15	4	Switch - Rear Working Lamp (COSA)	C-12	2
Lamp - Rear Flood - RH (NACD)	E-11	4	Switch - Rear Working Lamp (NACD)	C-8	2
Motor - Condenser Fan 1 & 2	D-4	23	Switch - Roading Lamps (COSA)	D-12	2
Motor - Dbl Blower (Heater)	G-6	20	Switch - Seat (COSA)	C-15	22
Motor - Dbl Blower (HVAC)	E-6	20	Switch - Seat (NACD)	C-11	22
Motor - Front Wiper	I-5	27	Switch - Stop Pressure 1	G-4	55
Relay - Compressor HVAC	E-6	20	Switch - Stop Pressure 2	G-4	55
Relay - Condenser Fan	E-6	20	Switch - Tool Power (COSA)	H-12	1
Relay - Key Switch (Heater)	G-6	20	Switch - Tool Power (NACD)	H-8	1
Relay - Key Switch (HVAC)	F-6	20	Switch - Turn Signal (COSA)	D-12	2
Relay - Stop Lamp	H-4	55	Switch - Wiper / Washer	I-5	27
Solenoid - HVAC Compressor Clutch	E-4	9	Thermostat (HVAC)	E-7	20

CONNECTOR LOCATION

Volume 1 of 2 - ENGINE & CHASSIS



Connector Number	Schematic Location	Machine Location
CONN 1	B-12, E-14	56
CONN 2	B-14, B-15	18
CONN 3	C-14	13
CONN 4	C-12, C-14	52
CONN 5	B-12, D-14	46
CONN 6	H-14	55
CONN 7	H-14	34
CONN 8	B-10, D-13	34
CONN 9	C-10, E-13	34
CONN 10	E-13	34
CONN 11	C-10, F-13	51
CONN 12	D-10, F-13	51
CONN 13	E-10, G-13	51
CONN 14	E-10, G-13	51
CONN 15	E-10, H-13	51
CONN 16	H-9, I-13	12
CONN 17	F-12	44
CONN 18	F-12	51
CONN 19	I-12	45
CONN 20	F-10	51
CONN 21	C-9	51
CONN 22	G-9	13
CONN 23	I-9	14
CONN 24	C-8	13
CONN 25	I-8	7
CONN 26 TOOL	I-7	40
CONN 27	A-6, D-4	7
CONN 28	B-6, D-6	7
CONN 29	D-6	39
CONN 30	D-6, E-6	6
CONN 31 SERVICE	F-5	19
CONN 32	B-5	19
CONN 33	B-4, D-2	19

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.

CONNECTOR LOCATION

Volume 2 of 2 - CAB



Connector Number	Schematic Location	Machine Location
CONN 4	<u>I-3, I-4</u>	<u>13</u>
CONN 5	<u>G-5</u>	<u>55</u>
CONN 8	<u>G-3</u>	<u>34</u>
CONN 9	<u>F-15</u>	<u>34</u>
CONN 11	<u>G-15, G-11</u>	<u>34</u>
CONN 12	<u>H-15, H-11</u>	<u>34</u>
CONN 20	<u>G-6, F-6</u>	<u>42</u>
CONN 24	<u>E-3</u>	<u>13</u>
CONN 34	<u>H-15, H-11, H-3</u>	<u>34</u>
CONN 35	<u>I-7, I-8, I-13</u>	<u>1</u>
CONN 36	<u>I-3</u>	<u>13</u>
CONN 37	<u>I-6</u>	<u>43</u>
CONN 38	<u>E-4</u>	<u>9</u>

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.

Component Identifiers (CID¹) Module Identifier (MID²) Auxiliary Hydraulic Control (MID No. 106)	
CID	Component
0070	Parking Brake Switch
0168	Voltage Fault
0598	Two Speed Motor Solenoid
1180	Auxiliary Hydraulic Solenoid #1
1181	Auxiliary Hydraulic Solenoid #2
1184	Auxiliary Hydraulic Solenoid Supply
1187	Continuous Flow Switch
1188	Operator Interlock Override Switch
1189	Auxiliary Hydraulics Lever
1190	Arm Bar / Seat Switch
1694	Two Speed Motor Solenoid Supply
1695	Two Speed Switch
1931	High Pressure / High Flow Solenoid
1935	Auxiliary Hydraulic Flow Selector Switch
1939	Auxiliary Hydraulic High Flow Supply
1940	Auxiliary Hydraulic High Flow Diverter Solenoid
1942	High Pressure Tool Detection Switch

¹ The CID is a diagnostic code that indicates which circuit is faulty.

² The MID is a diagnostic code that indicates which electronic control module

Failure Mode Identifiers (FMI)¹	
FMI No.	Failure Description
0	Data valid but above normal operational range.
1	Data valid but below normal operational range.
2	Data erratic, intermittent, or incorrect.
3	Voltage above normal or shorted high.
4	Voltage below normal or shorted low.
5	Current below normal or open circuit.
6	Current above normal or grounded circuit.
7	Mechanical system not responding properly.
8	Abnormal frequency, pulse width, or period.
9	Abnormal update.
10	Abnormal rate of change.
11	Failure mode not identifiable.
12	Bad device or component.
13	Out of calibration.
14	Parameter failures.
15	Parameter failures.
16	Parameter not available.
17	Module not responding.
18	Sensor supply fault.
19	Condition not met.
20	Parameter failures.

¹The FMI is a diagnostic code that indicates what type of failure has occurred.

Component Identifiers (CID ¹) Module Identifier (MID ²) Auxiliary Hydraulic Control (MID No. 106)	
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19	Condition not met.
20	Parameter failures.

¹The FMI is a diagnostic code that indicates what type of failure has occurred.

SPECIFICATIONS AND RELATED MANUALS

Volume 1 of 2 - ENGINE & CHASSIS



Engine & Platform Off Machine Switch Specification				
Part No.	Function	Actuate	Deactuate	Contact Position
134-0404	Hydraulic Filter Bypass Switch	275.8 to 303.4 kPa (40 to 44 psi)	206.8 kPa MIN (30 psi MIN)	Normally Open
192-0836	Backup Pressure Switch	517.0 + 41.4, - 68.9 kPa (75.0 + 6.0, -10.0 psi)	386.1 + 41.4, - 68.9 kPa (56.0 + 6.0, -10.0 psi)	Normally Open
224-0744	High Flow Pressure Switch	375.9 + 37.9, - 58.6 kPa (54.5 + 5.5, -8.5 psi)	263 kPa MIN (38.1 psi MIN)	Normally Closed
236-1872	Hydraulic Oil Temperature Switch	102 ± 3°C (215.6 ± 5.4°F)	90°C MIN (194°F MIN)	Normally Open

Engine & Platform Resistor, Sender and Solenoid Specifications		
Part No.	Component Description	Resistance (Ohms) ¹
233-7128	Solenoid: Quick Coupler	6.36 ± 0.4
172-0970	Solenoid: Detent Valve	9.4
185-4254	Solenoid: A1 & A2 Continuous Flow (High Flow XPS)	2.2 ± 0.2
195-9700	Solenoid: C+ & C- (High Flow XPS) Implement Pilot Parking Brake Transmission	10 ± 0.5
216-0610	Solenoid: Two Speed	2.2 ± 0.2
224-7782	Sender: Fuel (287 / 267)	Empty: 240 - 245 Full: 28 - 33
224-8545	Sender: Fuel (267 / 277)	Empty: 240 - 245 Full: 28 - 33
231-2105	Sender: Fuel (216B / 226 / 232B / 242)	Empty: 240 - 250 Full: 28 - 33
231-2106	Sender: Fuel (247 / 257)	Empty: 240 - 250 Full: 28 - 33
224-8544	Sender: Fuel (236 / 246 / 252 / 262 / 248 / 268)	Empty: 240 - 250 Full: 28 - 33
238-9397	Resistor: DMMLALT	120.0 ± 6.0

¹ At room temperature unless otherwise noted.

Related Electrical Service Manuals		
Title		Form Number
K3A Alternator:	239-0772	SENR5841
R2.7KW Electric Starting Motor:	143-0539	SENR3828
Auxiliary Hydraulic Control system:		RENR2893
Operator Interlock Control:		RENR2864

SPECIFICATIONS AND RELATED MANUALS

Volume 2 of 2 - CAB



Attachment & Cab Off Machine Switch Specification

Part No.	Function	Actuate	Deactuate	Contact Position
184-1564	Stop Pressure 1 & 2	375.9 +37.9, -58.6 kPa (54.5 + 5.5, -8.5 psi)	263 kPa (38.2 psi)	Normally Closed ²
236-6923	A/C Refrigerant Pressure	275 to 1750 kPa ¹ (40 to 255 psi)	-- --	Normally Open ²

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 (25psi).

² Contact position at the contacts of the harness connector.

Resistor, Sender and Solenoid Specifications

Part No.	Component Description	Resistance (Ohms) ¹
212-3350	Solenoid: Remote Control 1	3.2 ± 0.22
215-3272	Solenoid: Remote Control 2	4.0 ± 0.28
231-6287	Solenoid: A/C Compressor	10.5

¹ At room temperature unless otherwise noted.

Related Electrical Service Manuals

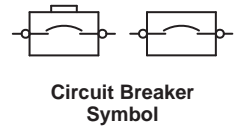
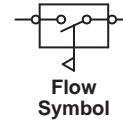
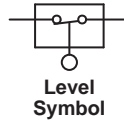
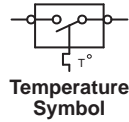
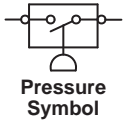
Title	Form Number
K3A Alternator: 239-0772	SENR5841
R2.7KW Electric Starting Motor: 143-0539	SENR3828
Auxiliary Hydraulic Control system:	REN2893
Operator Interlock Control:	REN2864

HARNESS and WIRE

Electrical Schematic Symbols



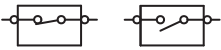
Symbols



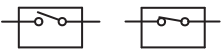
Symbols and Definitions



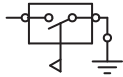
Fuse: A component in an electrical circuit that will open the circuit if too much current flows through it.



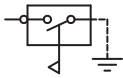
Switch (Normally Open): A switch that will close at a specified point (temp, press, etc.). The circle indicates that the component has screw terminals and a wire can be disconnected from it.



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.



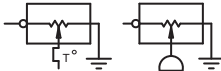
Ground (Wired): This indicates that the component is connected to a grounded wire. The grounded wire is fastened to the machine.



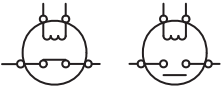
Ground (Case): This indicates that the component does not have a wire connected to ground. It is grounded by being fastened to the machine.



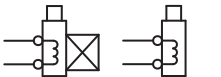
Reed Switch: A switch whose contacts are controlled by a magnet. A magnet closes the contacts of a normally open reed switch; it opens the contacts of a normally closed reed switch.



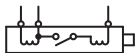
Sender: A component that is used with a temperature or pressure gauge. The sender measures the temperature or pressure. Its resistance changes to give an indication to the gauge of the temperature or pressure.



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.



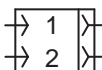
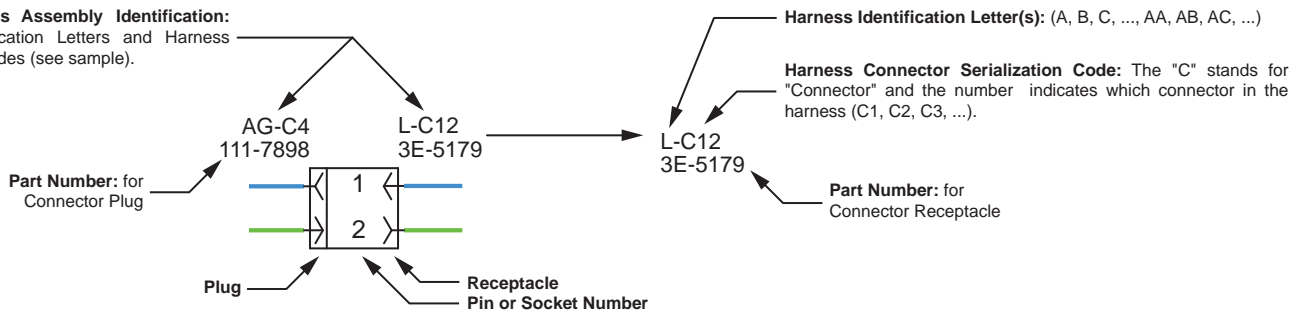
Solenoid: A solenoid is an electrical component that is activated by electricity. It has a coil that makes an electromagnet when current flows through it. The electromagnet can open or close a valve or move a piece of metal that can do work.



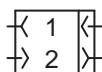
Magnetic Latch Solenoid: A magnetic latch solenoid is an electrical component that is activated by electricity and held latched by a permanent magnet. It has two coils (latch and unlatch) that make electromagnet when current flows through them. It also has an internal switch that places the latch coil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

Harness and Wire Symbols

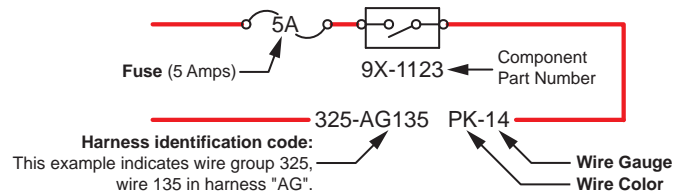
Wire, Cable, or Harness Assembly Identification: Includes Harness Identification Letters and Harness Connector Serialization Codes (see sample).

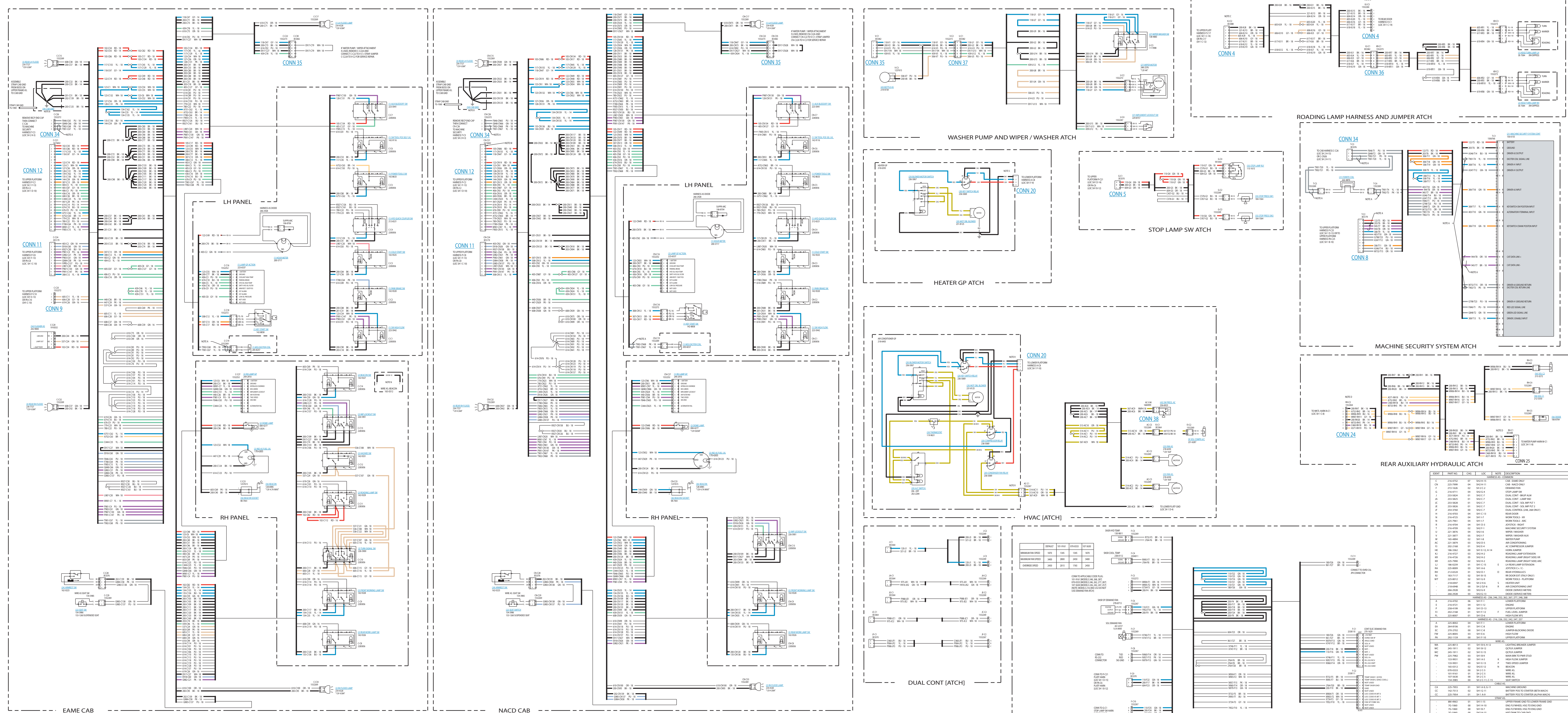


Deutsch connector: Typical representation of a Deutsch connector. The plug contains all sockets and the receptacle contains all pins.



Sure-Seal connector: Typical representation of a Sure-Seal connector. The plug and receptacle contain both pins and sockets.





WIRE GROUP COLOR DESCRIPTIONS

[Red]	WIRES THAT HAVE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS OFF
[Blue]	WIRES THAT HAVE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS ON
[Black]	GROUND CIRCUIT
[Green]	STARTING AID CIRCUIT
[Purple]	MONITOR CIRCUIT
[Orange]	AUX. HYDRAULIC CONTROL CIRCUIT
[Yellow]	IMPLEMENT CONTROL CIRCUIT
[Light Blue]	MACHINE SECURITY CONTROL CIRCUIT
[Dark Blue]	OPERATOR INTERLOCK CONTROL CIRCUIT
[Light Green]	HEATER AND AIR CONDITONER CIRCUIT
[Light Purple]	TURN SIGNAL/WIPER/WASHER CIRCUIT

SYMBOL DESCRIPTION

[Solid Circle]	RELAY, SIGNAL, BRIDGE OR SCREW TERMINAL
[Open Circle]	SPICE
[Circle with +]	CIRCUIT NOT CONNECTED TO ELECTRICAL STRUCTURE
[Circle with -]	INTERNAL ELECTRICAL CONNECTION TO SURFACE OF COMPONENT
[Circle with X]	ATTACHMENT CABLE & COMPONENT
[Circle with #]	CIRCUIT GROUPING DESIGNATION

ABBREV. COLOR

WH	WHITE
BL	BLACK
GR	GRAY
BR	BROWN
PK	PINK
BLK	BLACK
PK	PINK
PU	PURPLE
GRN	GREEN
BLU	BLUE

LOC.	WIRE NO.	LOC.	WIRE NO.	DESCRIPTION
L	214270	BT	SH11.1	WIPER (WIPER MOTOR)
L	214271	BT	SH11.2	WIPER (WIPER MOTOR)
L	214272	BT	SH11.3	WIPER (WIPER MOTOR)
L	214273	BT	SH11.4	WIPER (WIPER MOTOR)
L	214274	BT	SH11.5	WIPER (WIPER MOTOR)
L	214275	BT	SH11.6	WIPER (WIPER MOTOR)
L	214276	BT	SH11.7	WIPER (WIPER MOTOR)
L	214277	BT	SH11.8	WIPER (WIPER MOTOR)
L	214278	BT	SH11.9	WIPER (WIPER MOTOR)
L	214279	BT	SH11.10	WIPER (WIPER MOTOR)
L	214280	BT	SH11.11	WIPER (WIPER MOTOR)
L	214281	BT	SH11.12	WIPER (WIPER MOTOR)
L	214282	BT	SH11.13	WIPER (WIPER MOTOR)
L	214283	BT	SH11.14	WIPER (WIPER MOTOR)
L	214284	BT	SH11.15	WIPER (WIPER MOTOR)
L	214285	BT	SH11.16	WIPER (WIPER MOTOR)
L	214286	BT	SH11.17	WIPER (WIPER MOTOR)
L	214287	BT	SH11.18	WIPER (WIPER MOTOR)
L	214288	BT	SH11.19	WIPER (WIPER MOTOR)
L	214289	BT	SH11.20	WIPER (WIPER MOTOR)
L	214290	BT	SH11.21	WIPER (WIPER MOTOR)
L	214291	BT	SH11.22	WIPER (WIPER MOTOR)
L	214292	BT	SH11.23	WIPER (WIPER MOTOR)
L	214293	BT	SH11.24	WIPER (WIPER MOTOR)
L	214294	BT	SH11.25	WIPER (WIPER MOTOR)
L	214295	BT	SH11.26	WIPER (WIPER MOTOR)
L	214296	BT	SH11.27	WIPER (WIPER MOTOR)
L	214297	BT	SH11.28	WIPER (WIPER MOTOR)
L	214298	BT	SH11.29	WIPER (WIPER MOTOR)
L	214299	BT	SH11.30	WIPER (WIPER MOTOR)
L	214300	BT	SH11.31	WIPER (WIPER MOTOR)
L	214301	BT	SH11.32	WIPER (WIPER MOTOR)
L	214302	BT	SH11.33	WIPER (WIPER MOTOR)
L	214303	BT	SH11.34	WIPER (WIPER MOTOR)
L	214304	BT	SH11.35	WIPER (WIPER MOTOR)
L	214305	BT	SH11.36	WIPER (WIPER MOTOR)
L	214306	BT	SH11.37	WIPER (WIPER MOTOR)
L	214307	BT	SH11.38	WIPER (WIPER MOTOR)
L	214308	BT	SH11.39	WIPER (WIPER MOTOR)
L	214309	BT	SH11.40	WIPER (WIPER MOTOR)
L	214310	BT	SH11.41	WIPER (WIPER MOTOR)
L	214311	BT	SH11.42	WIPER (WIPER MOTOR)
L	214312	BT	SH11.43	WIPER (WIPER MOTOR)
L	214313	BT	SH11.44	WIPER (WIPER MOTOR)
L	214314	BT	SH11.45	WIPER (WIPER MOTOR)
L	214315	BT	SH11.46	WIPER (WIPER MOTOR)
L	214316	BT	SH11.47	WIPER (WIPER MOTOR)
L	214317	BT	SH11.48	WIPER (WIPER MOTOR)
L	214318	BT	SH11.49	WIPER (WIPER MOTOR)
L	214319	BT	SH11.50	WIPER (WIPER MOTOR)
L	214320	BT	SH11.51	WIPER (WIPER MOTOR)
L	214321	BT	SH11.52	WIPER (WIPER MOTOR)
L	214322	BT	SH11.53	WIPER (WIPER MOTOR)
L	214323	BT	SH11.54	WIPER (WIPER MOTOR)
L	214324	BT	SH11.55	WIPER (WIPER MOTOR)
L	214325	BT	SH11.56	WIPER (WIPER MOTOR)
L	214326	BT	SH11.57	WIPER (WIPER MOTOR)
L	214327	BT	SH11.58	WIPER (WIPER MOTOR)
L	214328	BT	SH11.59	WIPER (WIPER MOTOR)
L	214329	BT	SH11.60	WIPER (WIPER MOTOR)
L	214330	BT	SH11.61	WIPER (WIPER MOTOR)
L	214331	BT	SH11.62	WIPER (WIPER MOTOR)
L	214332	BT	SH11.63	WIPER (WIPER MOTOR)
L	214333	BT	SH11.64	WIPER (WIPER MOTOR)
L	214334	BT	SH11.65	WIPER (WIPER MOTOR)
L	214335	BT	SH11.66	WIPER (WIPER MOTOR)
L	214336	BT	SH11.67	WIPER (WIPER MOTOR)
L	214337	BT	SH11.68	WIPER (WIPER MOTOR)
L	214338	BT	SH11.69	WIPER (WIPER MOTOR)
L	214339	BT	SH11.70	WIPER (WIPER MOTOR)
L	214340	BT	SH11.71	WIPER (WIPER MOTOR)
L	214341	BT	SH11.72	WIPER (WIPER MOTOR)
L	214342	BT	SH11.73	WIPER (WIPER MOTOR)
L	214343	BT	SH11.74	WIPER (WIPER MOTOR)
L	214344	BT	SH11.75	WIPER (WIPER MOTOR)
L	214345	BT	SH11.76	WIPER (WIPER MOTOR)
L	214346	BT	SH11.77	WIPER (WIPER MOTOR)
L	214347	BT	SH11.78	WIPER (WIPER MOTOR)
L	214348	BT	SH11.79	WIPER (WIPER MOTOR)
L	214349	BT	SH11.80	WIPER (WIPER MOTOR)
L	214350	BT	SH11.81	WIPER (WIPER MOTOR)
L	214351	BT	SH11.82	WIPER (WIPER MOTOR)
L	214352	BT	SH11.83	WIPER (WIPER MOTOR)
L	214353	BT	SH11.84	WIPER (WIPER MOTOR)
L	214354	BT	SH11.85	WIPER (WIPER MOTOR)
L	214355	BT	SH11.86	WIPER (WIPER MOTOR)
L	214356	BT	SH11.87	WIPER (WIPER MOTOR)
L	214357	BT	SH11.88	WIPER (WIPER MOTOR)
L	214358	BT	SH11.89	WIPER (WIPER MOTOR)
L	214359	BT	SH11.90	WIPER (WIPER MOTOR)
L	214360	BT	SH11.91	WIPER (WIPER MOTOR)
L	214361	BT	SH11.92	WIPER (WIPER MOTOR)
L	214362	BT	SH11.93	WIPER (WIPER MOTOR)
L	214363	BT	SH11.94	WIPER (WIPER MOTOR)
L	214364	BT	SH11.95	WIPER (WIPER MOTOR)
L	214365	BT	SH11.96	WIPER (WIPER MOTOR)
L	214366	BT	SH11.97	WIPER (WIPER MOTOR)
L	214367	BT	SH11.98	WIPER (WIPER MOTOR)
L	214368	BT	SH11.99	WIPER (WIPER MOTOR)
L	214369	BT	SH11.100	WIPER (WIPER MOTOR)

NOTES

NOTE A: WIRE HARNESS TO BE INSTALLED TOGETHER AT CAB REAR WALL.

NOTE B: ASSEMBLE TERMINALS TO CAB REAR WALL.

NOTE C: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE D: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE E: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE F: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE G: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE H: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE I: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE J: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE K: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE L: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE M: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE N: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE O: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE P: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE Q: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE R: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE S: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE T: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE U: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE V: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

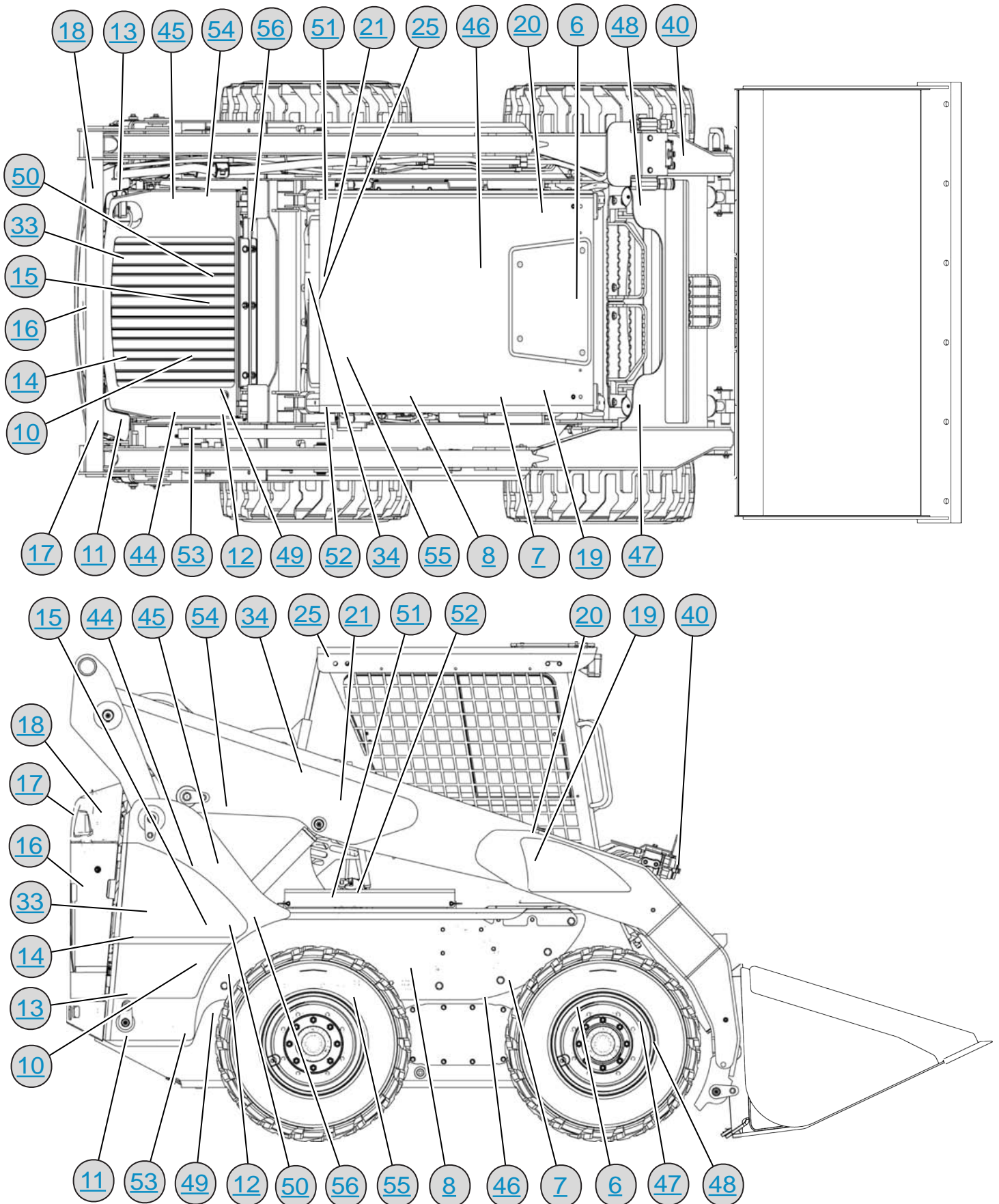
NOTE W: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE X: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE Y: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

NOTE Z: WIPER (WIPER MOTOR) TO BE INSTALLED TO CAB REAR WALL.

MACHINE HARNESS CONNECTOR AND COMPONENT LOCATIONS 1



MACHINE HARNESS CONNECTOR AND COMPONENT LOCATIONS 2

