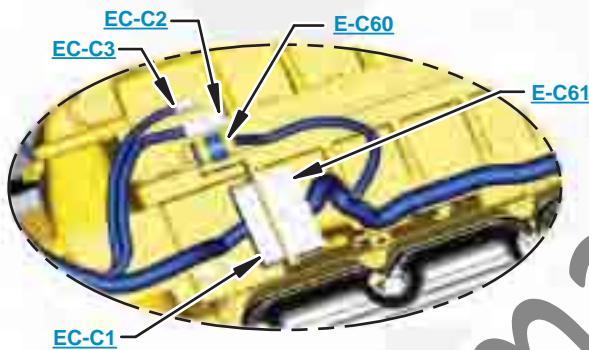




This document is best viewed at a screen resolution of 1024 X 768.

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

769D Off-Highway Truck and
771D Quarry Truck
Electrical System

771D:
BBB222-325

771D:
BCA173-233

COMPONENT LOCATION

Page 1 of 2



Component	Schematic Location	Machine Location	Component	Schematic Location	Machine Location
Alarm -Backup	C-15	12	Lamp -EMS II Action	E-2	A
Alternator	B-8	2	Lamp -GN TPMS	I-11	10
Battery	A-7	3	Lamp -High Beam IND	F-2	A
Beacon	D-10	B	Lamp -LH Backlighting	E-2	A
Breaker - Alternator	H-9	B	Lamp -LH Backup	B-15	12
Breaker - Engine Control	H-9	B	Lamp -LH High Beam Headlamp	H-1	38
Breaker - Key Switch	H-8	B	Lamp -LH Low Beam Headlamp	H-1	38
Breaker - Spare	H-8	B	Lamp -LH Park/Turn	H-1	38
Breaker - Suppl Ster	H-9	B	Lamp -LH RR Park Turn	C-15	12
Breaker - Turn Signal	H-8	B	Lamp -LH Stop Tail	C-15	12
Breaker -A/C	H-9	B	Lamp -LH Turn IND	E-2	A
Breaker -Dome Lamp	G-8	B	Lamp -Machine Lockout	E-1	37
Breaker -Hdlamp	H-9	B	Lamp -RD TPMS	I-11	10
Breaker -Power Window	H-9	B	Lamp -Retarder	F-2	A
Bus Bar	B-8	15	Lamp -RH Backlighting	E-2	A
Cigar Lighter	G-2	A	Lamp -RH Backup	B-15	12
Connector - Serv Tool	I-8	A	Lamp -RH GN TPMS	D-1	A
Control - Engine ECM	A-2	8	Lamp -RH High Beam Headlamp	E-1	37
Control - Integrated Braking Control	F-13	8	Lamp -RH Low Beam Headlamp	E-1	37
Control -EMS II	G-2	8	Lamp -RH Park Turn	E-1	37
Control -TPMS	D-15	D	Lamp -RH RD TPMS	D-1	12
Control -XMSN / Chassis	D-12	D	Lamp -RH RR Park Turn	B-15	12
Converter -24V / 12V	I-12	B	Lamp -RH Stop Tail	B-15	A
Flasher	I-15	D	Lamp -RH Turn IND	E-2	A
Fuse - Bkup Alarm	H-10	B	Lamp -TCS Activated	F-2	A
Fuse - Brake Cont	H-9	B	Lamp -XMSN Rev IND	F-2	A
Fuse - Eng PreLube	H-10	B	Module - Speedo/Tech	I-3	A
Fuse - Gage Lamp	H-9	B	Module -Dimmer	I-15	D
Fuse - Spare	H-10	B	Module -Quad Gage	I-3	A
Fuse -Air Dryer	H-9	B	Module -Wiper Delay	I-15	A
Fuse -Cigar Lighter	H-9	B	Monitor - Action Alarm	E-7	C
Fuse -Monitor System	H-10	B	Monitor -TPMS Operator	G-7	A
Fuse -Payload	H-10	B	Motor -A/C Blower	E-5	A
Fuse -PWR Conv	H-9	B	Motor -LH Window	I-10	A
Fuse -Start AID	H-10	B	Motor -Secondary Steering EVAC	A-7	15
Fuse -Wiper	H-10	B	Motor -Starter	A-8	17
Fuse -XMSN	H-9	B	Motor -Windshield Washer	B-10	38
Ground - Engine	A-9	15	Motor -Wiper	I-5	38
Ground - Engine	A-2	15	Outlet -Power +12V	I-8	A
Ground - Engine	B-6	27	Port -Payload Download	I-5	A
Ground - Frame	A-6	15	Receptacle - Aux Start	A-8	17
Ground - Frame	C-11	17	Relay - Backup	F-15	D
Ground - Frame	B-10	28	Relay - ST AID Hold	G-15	D
Ground -Cab	D-11	17	Relay - ST AID ON	G-15	D
Ground -Rear Cab Boss	F-11	17	Relay - Stop Lamp	F-10	D
Ground -Rear Cab Boss	E-15	D	Relay - Suppl Steering	F-10	17
Lamp - Shift Lever Backlighting	G-6	A	Relay -Headlamp	F-9	D
Lamp - Suppl Steering	F-2	A	Relay -Hi Beam	G-15	D
Lamp -Body Up IND	F-2	A	Relay -Main Power	F-9	D
Lamp -Dome	E-6	C	Relay -Prelube	F-15	D

Machine locations are repeated for components located close together.

- A = Located inside of cab.
- B = Located inside of right console.
- C = Located inside of left console.
- D = Located around relay panel.
- E = Located around engine.

COMPONENT LOCATION

Page 2 of 2



Component	Schematic Location	Machine Location	Component	Schematic Location	Machine Location
Relay -Secondary Steering	B-7	17	Solenoid -Lower	C-11	32
Relay -Start	A-9	17	Solenoid -Raise	C-11	32
Relay -Wiper Delay	G-15	17	Solenoid -Up Shift	C-13	32
Resistor - Start AID	H-14	D	Suppressor - Arc A/C	C-7	28
Resistor -Blower Motor Dropping	E-5	A	Suppressor - Key Switch ARC	E-5	A
Sender - Fuel Level	B-8	21	Suppressor - Stop Lamp	F-9	D
Sensor - Air Inlet Temperature	B-3	E	Suppressor -Horn Sol	G-13	7
Sensor - Atmospheric Pressure	C-3	E	Switch - A/C ON	D-4	C
Sensor - BK Air Pressure	I-13	D	Switch - A/C Refrigerant Pressure	C-8	2
Sensor - Engine Oil Pressure	B-3	E	Switch - A/C Thermostat	E-5	C
Sensor - Engine Oil Temperature	B-3	E	Switch - ARC Pressure	I-1	28
Sensor - Engine Speed	B-7	24	Switch - Auto Retarder	D-4	C
Sensor - Fuel Temperature	B-3	E	Switch - Blower	G-3	A
Sensor - Primary Cam S/T	C-3	E	Switch - EXH Diverter	F-6	20
Sensor - Shift Lever Position	G-7	38	Switch - Service Brake Pressure	I-14	D
Sensor - Turbo Outlet Pressure	C-3	E	Switch - Steering Pressure	B-8	4
Sensor -Body Up	C-15	25	Switch - Suppl Steering	D-2	A
Sensor -Brake Oil Temp	B-8	26	Switch - Transmission Gear	C-13	35
Sensor -Coolant Temperature	C-3	E	Switch - XMSN Speed (Hall Effect)	C-13	22
Sensor -Hoist Lever Position	G-8	38	Switch -Air Dryer	B-8	4
Sensor -LH Front Strut Pressure	E-1	28	Switch -Brake Over stroke	B-8	39
Sensor -LH Rear Strut Pressure	C-15	29	Switch -CAT Monitoring System Clear	H-11	D
Sensor -LH Wheel Speed	A-15	33	Switch -CAT Monitoring System Set	H-11	D
Sensor -Rail Pressure	C-3	E	Switch -Coolant Flow	C-3	26
Sensor -RH Front Strut Pressure	E-1	30	Switch -Disconnect	A-6	40
Sensor -RH Rear Strut Pressure	B-15	31	Switch -Door	E-7	41
Sensor -RH Turbo Inlet Press	B-7	30	Switch -EMS II Mode	E-2	A
Sensor -RH Wheel Speed	A-15	34	Switch -Ground Level Shutdown	A-5	46
Sensor -Secondary Cam S/T	C-3	E	Switch -Hazard	F-6	A
Sensor -T/C Temp	B-7	32	Switch -Headlamp	E-5	C
Sensor -THRT Position	D-5	C	Switch -Horn	H-5	A
Solenoid - A/C Clutch	C-8	2	Switch -Key Start	G-2	A
Solenoid - ARC Cont	I-2	17	Switch -Machine Lockout	F-1	37
Solenoid - Exhaust Diverter	B-11	48	Switch -Noise Reduction	D-3	A
Solenoid - Start Aid	B-6	37	Switch -Power Window	I-10	A
Solenoid - TCS 4 way	A-14	47	Switch -Retard BK Pressure	H-1	C
Solenoid - TCS Proportional	A-14	47	Switch -SEC/ ParkBK Pressure	I-13	9
Solenoid -ARC Supply	I-1	17	Switch -Secondary Steer Pressure	G-1	38
Solenoid -Cylinder Head#1,#3,#5,#7	C-2	26	Switch -Stop Lamp	H-14	D
Solenoid -Cylinder Head#2,#4,#6,#8	B-2	26	Switch -TCS Test	E-3	A
Solenoid -Down Shift	C-13	32	Switch -Turn Sig/ Wiper/Washer	H-4	A
Solenoid -Horn Air	G-13	7	Switch -XMSN Filter Pressure	C-8	28
Solenoid -Lockup Clutch	C-13	18	Valve -Rail Pressure	C-3	26

Machine locations are repeated for components located close together.

- A = Located inside of cab.
- B = Located inside of right console.
- C = Located inside of left console.
- D = Located around relay panel.
- E = Located around engine.

CONNECTOR LOCATION



Connector Number	Schematic Location	Machine Location
CONN 1	E-15	6
CONN 2	G-14	53
CONN 3	C-14	12
CONN 4	B-14	12
CONN 5	A-13	35
CONN 6	B-13	35
CONN 7	B-13	35
CONN 8	C-13	32
CONN 9	G-13	7
CONN 10	I-12	14
CONN 12	D-12	49
CONN 13	C-11	4
CONN 14	C-11	49
CONN 15	D-11	
CONN 17	G-11	14
CONN 18	H-11	54
CONN 19	H-11	54
CONN 20	H-11	5
CONN 21 Beacon	D-10	5
CONN 22	C-10, D-8	28
CONN 24	D-9	49
CONN 25	B-9	44
CONN 26 Service Tool	B-8	55
CONN 28	D-8	49
CONN 30	B-8	48
CONN 31	B-7	2
CONN 32	C-7	28
CONN 33	C-7	28
CONN 34	C-7	28
CONN 35	C-7	28
CONN 36	C-7	28
CONN 38	G-6	54
CONN 39	D-6	49
CONN 40	B-5	17
CONN 41	C-5	26
CONN 43	F-5	A
CONN 44 Payload Download Port	I-5	55
CONN 45	B-3	26
CONN 46	D-3	26
CONN 47	G-3	A
CONN 48	H-3	D
CONN 50	C-2	50
CONN 51	C-2	50
CONN 52	B-2	51
CONN 53	B-2	51
CONN 54	H-4	44
CONN 55	F-4	56
CONN 56 Service Tool	B-5	26
CONN 57 Product Link	E-5	A

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) Caterpillar Transmission /Chassis Control System (MID No. 027)	
CID	Component
0168	Electrical System
0190	Speed Sensor (Engine)
0248	CAT Data Link
0269	Sensor Power Supply
0420	Relay (Secondary Steering)
0444	Start Relay
0562	Relay (Secondary Steering)
0590	Electronic Control Module (English)
0627	Brake Switch (Parking)
0700	Sensor (Transmission Gear)
0701	Speed Sensor (Transmission Output)
0702	Position Sensor (Shift Lever)
0704	Pressure Switch (Service Brake)
0706	Electronic Control (Body Up Switch)
0707	Solenoid Valve (Upshift)
0708	Solenoid Valve (Downshift)
0709	Solenoid Valve (Lockup Clutch)
0718	Transmission System
0724	Solenoid Valve (Body Raise)
0725	Solenoid Valve (Body Lower)
0773	Rotary Position Sensor (Hoist Lever)
0967	Machine Application
1236	Lamp (Body Up Indicator)
1326	Location Code
1394	Solenoid Valve (Exhaust Diverter)
Caterpillar Monitoring Module (MID No. 030)	
CID	Component
0168	Electrical System Voltage
0254	Payload Electronic Control Module
0350	Lift Linkage Position Sensor
0364	Head End Lift Cylinder Pressure Sensor
0769	Rod End Lift Cylinder Pressure Sensor
0817	Internal Backup Battery
0820	Keypad Data Link
0826	Torque Converter Oil Temperature Sensor

Engine Electronic Control Module (MID No. 036)	
CID	Component
0070	Parking Brake Switch
0149	Ride Control Solenoid 2
0168	Electrical System Voltage
0190	Engine Speed Sensor
0248	CAT Data Link
0356	Tilt Dump Solenoid 1
0363	Ride Control Solenoid 1
0367	Ride Control Switch
0368	Transmission Auto/Manual Switch
0596	Implement ECM
0621	Downshift Switch
0622	Upshift Switch
0623	Directional Switch
0631	Transmission Clutch 1 Solenoid
0632	Transmission Clutch 2 Solenoid
0633	Transmission Clutch 3 Solenoid
0634	Transmission Clutch 4 Solenoid
0635	Transmission Clutch 5 Solenoid
0636	Transmission Clutch 6 Solenoid
0638	Starter Solenoid
0650	Harness Code
0671	Transmission Output Speed Sensor
0687	Options ID Code
0691	Part-Throttle Auto shift Selector Switch
Brake Electronic Control System (MID No. 116)	
CID	Component
0084	Speed Sensor (Ground)
0091	Position Sensor (Throttle)
0168	Electrical System Voltage
0190	Speed Sensor (Engine)
0248	CAT Data Link
0269	Sensor Power Supply
0627	Pressure Switch (Service Brake)
0689	Solenoid Valve (Left Rear Traction Control)
0690	Solenoid Valve (Right Rear Traction Control)
0700	Position Sensor (Transmission Gear)
0701	Speed Sensor (Transmission Output)
0702	Position Sensor (Transmission Shift Lever)
0704	Pressure Switch (Service Brake)
0710	Solenoid Valve (Auto Retarder) (Supply)
0711	Solenoid Valve (Auto Retarder Control)
0712	Indicator Lamp (Retarder)
0713	Rocker Switch (Auto Retarder)
0714	Pressure Switch (Auto Retarder)
0715	Pressure Switch (Retarder)
0718	Transmission System
0719	Proportional Solenoid Valve (Traction Control)
0966	Indicator Lamp (Traction Control)
0967	Machine Application
1225	Pressure Sensor (Left Parking Brake Oil)
1226	Pressure Sensor (Right Parking Brake Oil)
1326	Incorrect Location Code

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

² The MID is a diagnostic code that indicates which electronic control module diagnosed the fault.



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.

Machine Codes	
Machine	Code
769D Tier II	54
771D Tier II	53

Monitoring System Service Modes	
Service Mode	Number
Operator Mode Sequence	0
Harness Code	1
Numeric Readout	2
Service	3
Digital Tattletale	4
Units	5
Permanent Load Count	6
Calibration (Transmission Control)	7

Monitoring System Operator Modes	
Operator Mode	Number
Service Meter	1
Odometer	2
Tachometer	3
Resettable Load Counter	4
Diagnostic Scrolling	5

Related Electrical Service Manuals	
Title	Form Number
Brake Control:	SENR1503
Alternator: 1693345	SENR4130
Caterpillar Monitoring System:	SENR6717
Engine Control:	SENR1037
Payload Monitor (TPMS):	SENR4733
Starting and Charging System:	SENR2947
Starting Motor: 6V-0890	SENR3860
Transmission Control:	RENR2668

Resistor, Sender and Solenoid Specifications			
Part No.	Component Description		Resistance (Ohms) ¹
3E-1906	Solenoid:	A/C Clutch	17.6 ± 0.6
3E-6333	Solenoid:	Start Aid	6
3E-8691	Solenoid:	Arc Contol & Arc Supply	31 ± 3
9G-9988	Solenoid:	TCS 4 Way	24.9 ± 0.4
3T-0062	Solenoid:	Proportional	16
7T-9074	Solenoid:	Horn Air	74.0 ± 7.4
101-3430	Solenoid:	Exhaust Diverter	31.1 ± 2.4
107-0677	Solenoid:	Rail Pressure Valve	10.1
150-8202	Solenoid:	Cylinder #1 thru #8	2.1 ± 0.2
112-5874	Solenoid:	Lower Raise	6.5 ± 0.4
125-9740	Resistor:	Blower Motor Dropping	A-C 2.0 ± 0.01 B-C 1.0 ± 0.05 C-D 0.36 ± 0.02
212-1439	Sender:	Fuel Level	Full: 92 - 98 Empty: 0.0 - 3.5
144-6292	Solenoid:	Down & Up Shift Lockup Clutch	32.6 ± 1.6

¹ At room temperature unless otherwise noted.

Off Machine Switch Specification				
Part No.	Function	Actuate	Deactuate	Contact Position
3E-2034	Switch - Service Brake	80kPa MAX (11.6 psi MAX)	50 ± 20 kPa (7.2 ± 2.9 psi)	Normally Closed
3E-5464	Switch - A/C Thermostat Temp	1.1 ± 0.8 °C (30 ± 1.4 °F)	2.2 ± 0.8 °C (36 ± 1.4 °F)	Normally Closed
3E-6428	Switch - Coolant Flow	362 ± 29 mN (1.3 ± .1 oz)	303 mN (1.8 oz)	Normally Open
3E-6450	Switch - Steering Pressure	1200 kPa (174 psi)	700 ± 100 kPa (101.5 ± 14.5 psi)	(A-C) Normally Closed (A-B) Normally Open
103-4977	Switch - Retard BK Pressure	60 kPa (8.7 psi)	28 ± 15 kPa (4.1 ± 2.1 psi)	Normally Open
111-9563	Switch - Arc Pressure	80 kPa 11.6 psi	55 ± 20 kPa (7.8 ± 2.9 psi)	Normally Closed
114-5333	Switch - A/C Refrigerant Pressure	275 - 1750 kPa ¹ (39.9 - 253.8 psi)	-- --	Normally Open ²
116-9846	Switch - XMSN Filter Pressure	276 ± 28 kPa (40 ± 4.1 psi)	179kPaIN (26psi MIN)	Normally Closed
160-2445	Switch - Secondary Parking Brake	517 ± 35 kPa (74.9 ± 5 psi)	448 ± 35 kPa (64.9 ± 5 psi)	Normally Open
166-7781	Switch - Stop Lamp	45 kPa MAX (6.5 psi MAX)	5 kPa MIN (0.7 psi MIN)	Normally Open

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).

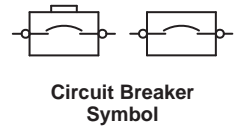
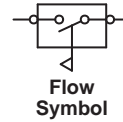
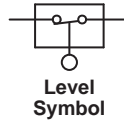
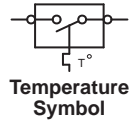
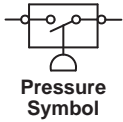
² Contact position at the contacts of the harness connector.

HARNESS and WIRE

Electrical Schematic Symbols



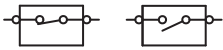
Symbols



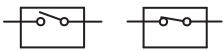
Symbols and Definitions



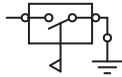
Fuse: A component in an electrical circuit that will open the circuit if too much current flows through it.



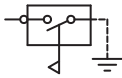
Switch (Normally Open): A switch that will close at a specified point (temp, press, etc.). The circle indicates that the component has screw terminals and a wire can be disconnected from it.



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.



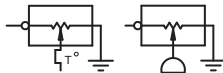
Ground (Wired): This indicates that the component is connected to a grounded wire. The grounded wire is fastened to the machine.



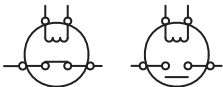
Ground (Case): This indicates that the component does not have a wire connected to ground. It is grounded by being fastened to the machine.



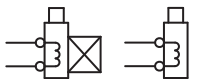
Reed Switch: A switch whose contacts are controlled by a magnet. A magnet closes the contacts of a normally open reed switch; it opens the contacts of a normally closed reed switch.



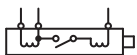
Sender: A component that is used with a temperature or pressure gauge. The sender measures the temperature or pressure. Its resistance changes to give an indication to the gauge of the temperature or pressure.



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.



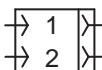
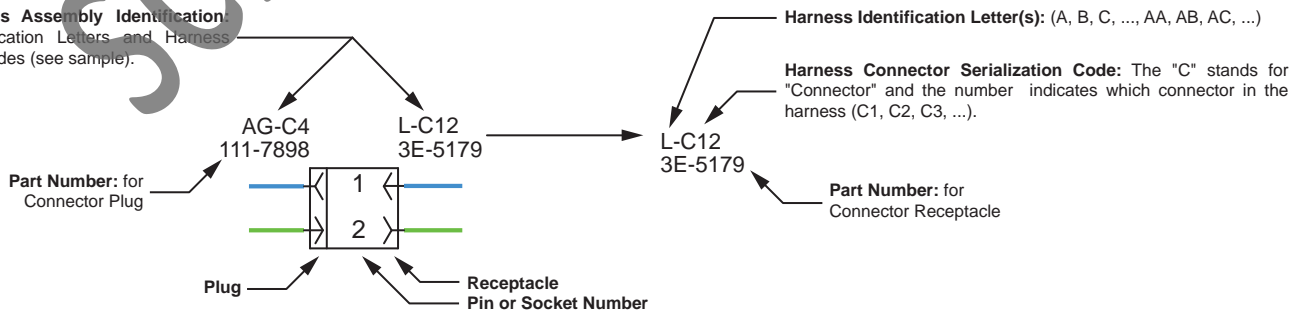
Solenoid: A solenoid is an electrical component that is activated by electricity. It has a coil that makes an electromagnet when current flows through it. The electromagnet can open or close a valve or move a piece of metal that can do work.



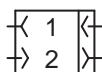
Magnetic Latch Solenoid: A magnetic latch solenoid is an electrical component that is activated by electricity and held latched by a permanent magnet. It has two coils (latch and unlatch) that make electromagnet when current flows through them. It also has an internal switch that places the latch coil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

Harness and Wire Symbols

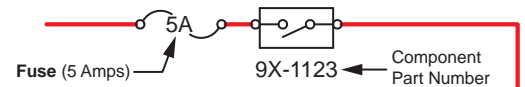
Wire, Cable, or Harness Assembly Identification: Includes Harness Identification Letters and Harness Connector Serialization Codes (see sample).



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.



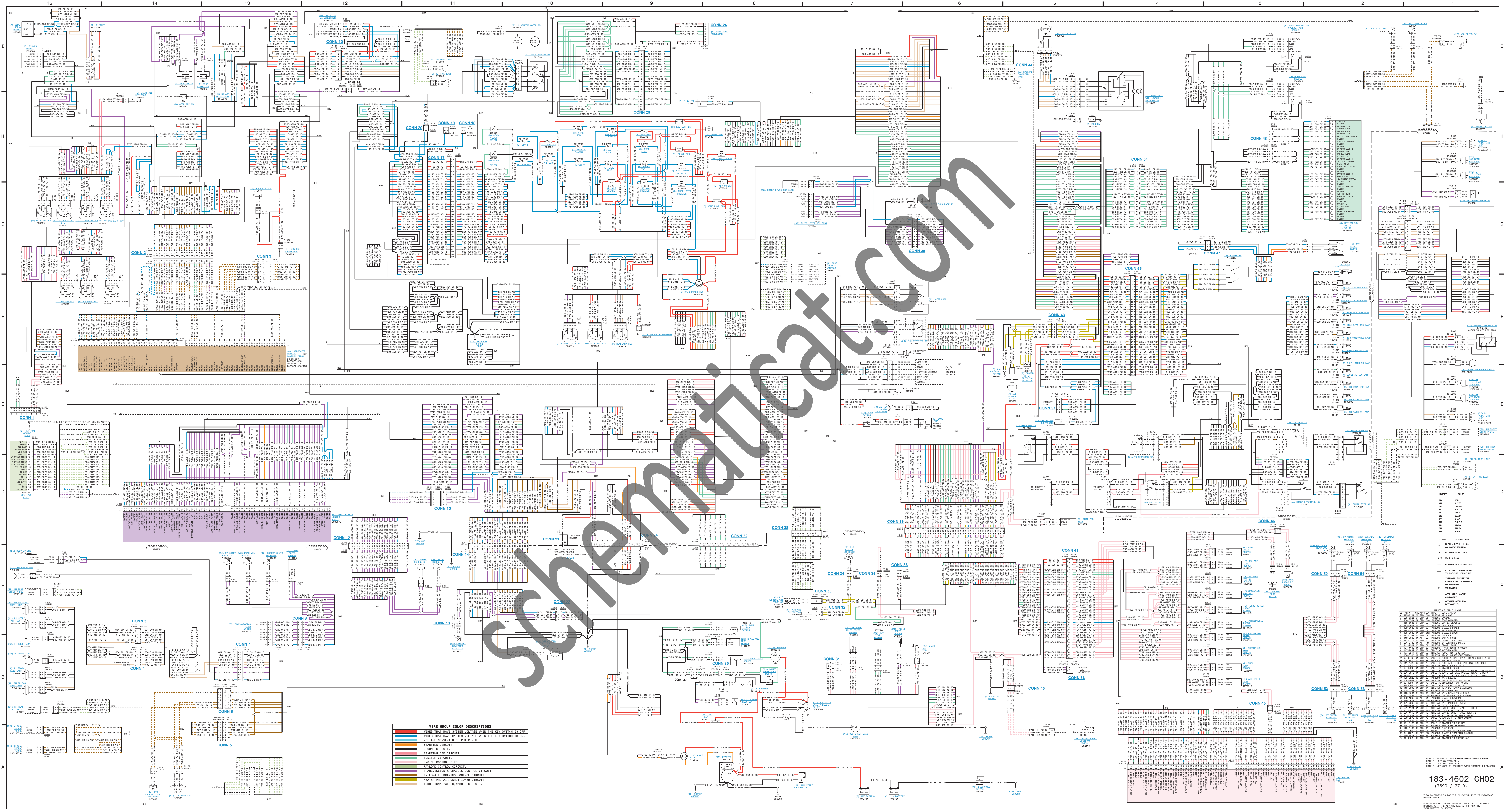
Harness identification code: This example indicates wire group 325, wire 135 in harness "AG".

325-AG135

PK-14

Wire Gauge

Wire Color



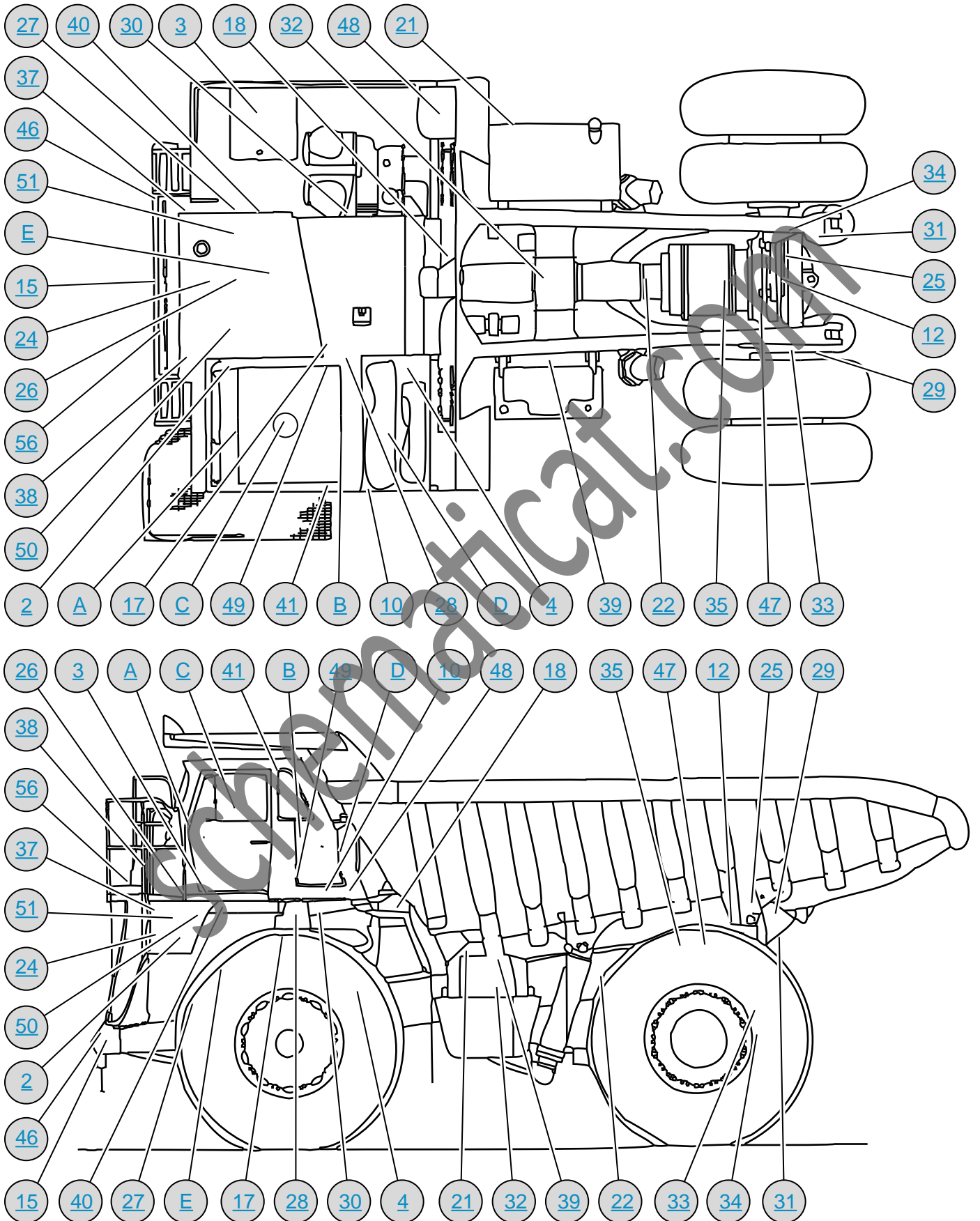
WIRE GROUP COLOR DESCRIPTIONS	
Red	BLUES TRUCK WIRE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS OFF
Blue	BLUES TRUCK WIRE SYSTEM VOLTAGE WHEN THE KEY SWITCH IS ON
Green	VOLTAIR CONVERTER OUTPUT CIRCUIT
Orange	STARTING CIRCUIT
Purple	STOPPING CIRCUIT
Yellow	MONITOR CIRCUIT
Brown	ENGINE CONTROL CIRCUIT
Pink	PARKING CONTROL CIRCUIT
Light Blue	TRANSMISSION & CHASSIS CONTROL CIRCUIT
Light Green	INTEGRATED BRAKING CONTROL CIRCUIT
Light Purple	HEATER AND AIR CONDITIONER CIRCUIT
Light Orange	TWIN ENGINE PERM-POWER CIRCUIT

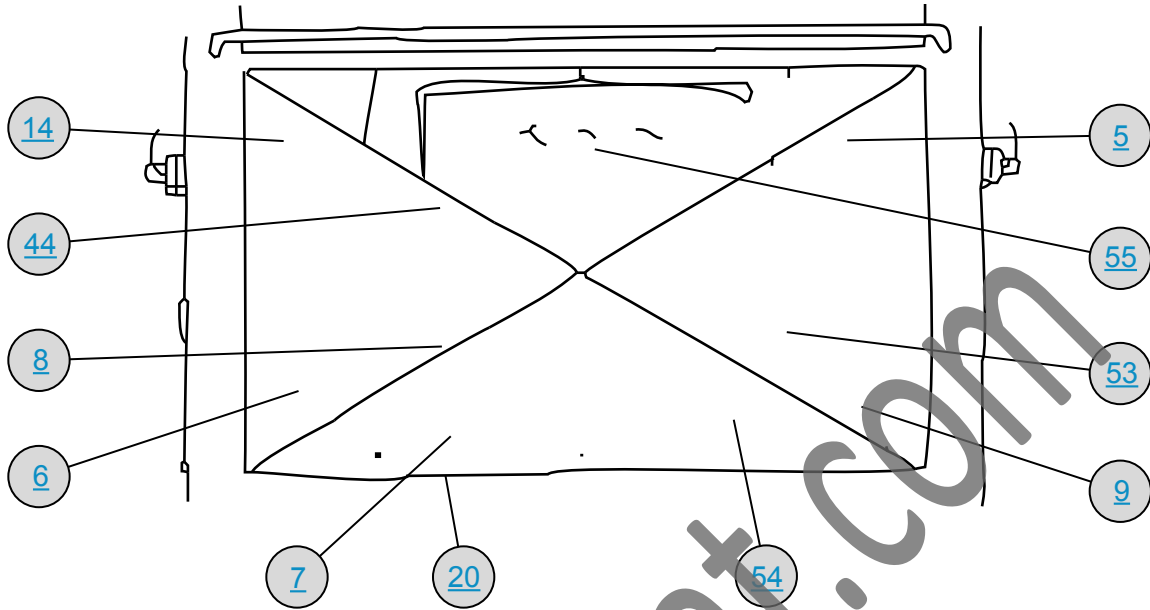
WIRE & SYMBOLIC IDENTIFICATION	
WIRE	SYMBOLIC IDENTIFICATION
1	IGNITION
2	IGNITION
3	IGNITION
4	IGNITION
5	IGNITION
6	IGNITION
7	IGNITION
8	IGNITION
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97	IGNITION
98	IGNITION
99	IGNITION
100	IGNITION

THIS SCHEMATIC IS FOR THE 769D OFF-HIGHWAY TRUCK AND 771D QUARRY TRUCK ELECTRICAL SYSTEM
MEDIA NUMBER:REN9580-01
 SCHEMATIC PART NUMBER: 183-4602, CHANGE: 02, VERSION: -
 Components are shown installed on a fully operable machine with the key and engine off, transmission in neutral and with parking brake set.
 Refer to the appropriate Service Manual for Troubleshooting, Specifications and Systems Operations.

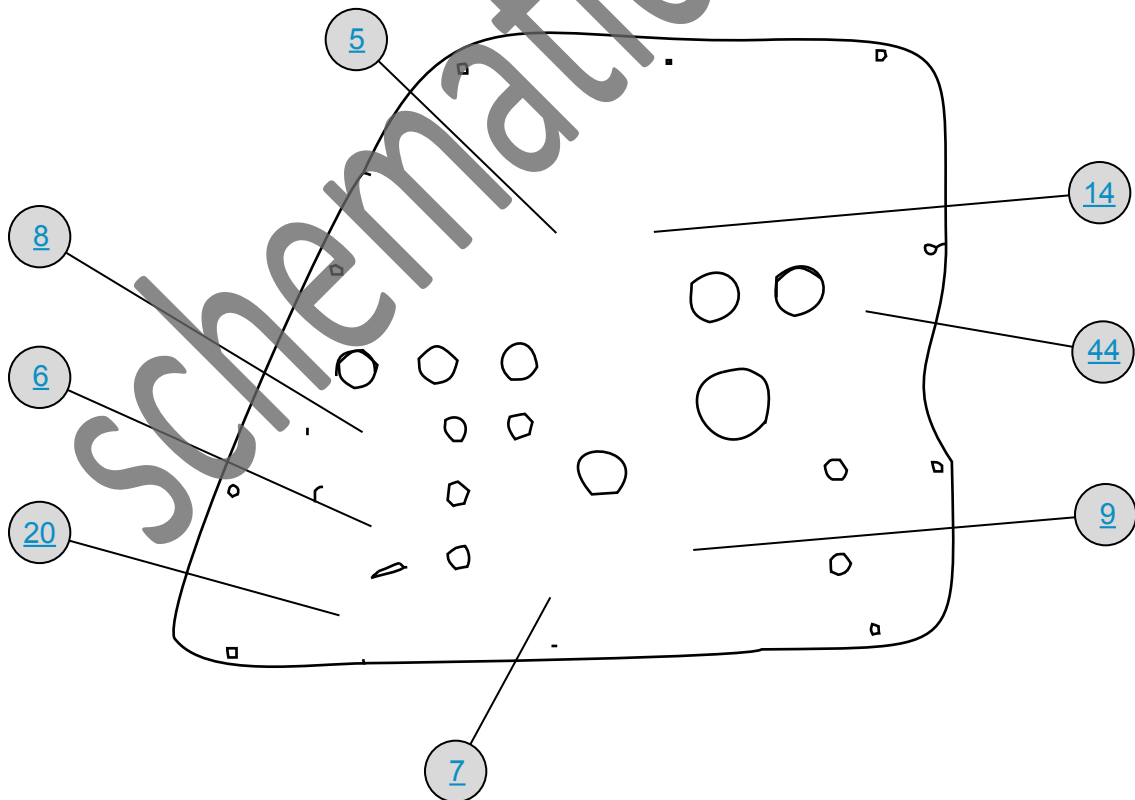
183-4602 CH02
(769D / 771D)

MACHINE HARNESS CONNECTOR AND COMPONENT LOCATIONS





REAR COMPARTMENT



RIGHT SIDE WALL OF REAR COMPARTMENT