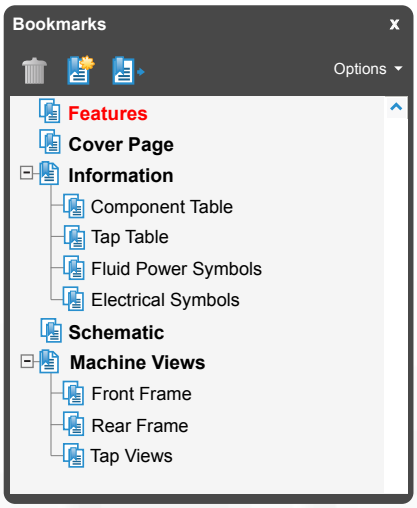
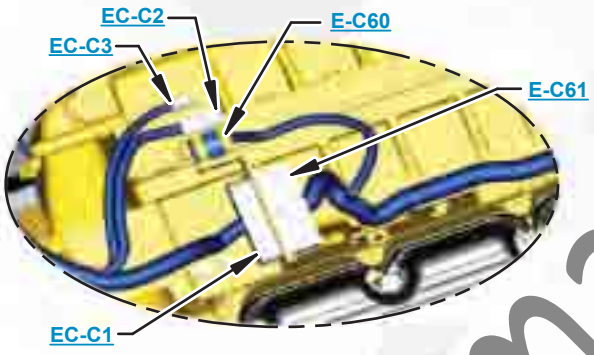
INTERACTIVE SCHEMATIC



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

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.



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"

CATERPILLAR®

UENR3213-02
July 2014

Schematic

770G and 772G Off-Highway Truck Electrical System

770G:
RMD1-UP
ECM174-UP
ECX1-UP

772G:
RMH1-UP
LTS268-UP
LTX1-UP

Volume 1 of 2: Cab With VIMS Wiring
Volume 2 of 2: Chassis and Engine Wiring

Printed in U.S.A.

COMPONENT LOCATION
Volume 1 of 2 - CAB WITH VIMS WIRING

Component	Schematic Location	Machine Location
Alarm - Action	E-4	1
Block AS - Fuse	G-5	2
Block AS - Fuse 2	I-5	3
Breaker - HVAC	H-6	4
Control GP - Brake	E-14	5
Control GP - Chassis	H-14	6
Control GP - Display Cluster	H-1	7
Control GP - Messenger	F-1	8
Control GP - Monitor	E-1	9
Control GP - Shifter	C-5	10
Control GP - Vims	G-9	11
Converter - 24v / 12v	I-9	12
Flasher 24v	G-5	13
Ground - Cab	A-13	14
Ground - Cab 2	A-13	15
Ground - Dash	E-3	16
Ground - Rear Cab	F-7	17
Lever AS - Retarder	G-1	18
Module AS - Wiper Delay	G-5	19
Monitor - Rear Vision	B-4	20
Monitor - Tire	E-9	21
Motor - Blower	I-14	22
Motor - Precleaner	E-4	23
Motor - Window Lift	I-7	24
Motor - Wiper	F-1	25
Relay - Main Power	E-5	26
Resistor - Blower	I-14	27
Resistor - CAN	H-5	28
Resistor - LH Turn	H-1	29
Resistor - RH Turn	G-1	30
Sensor - Louver Temp	E-4	31
Sensor - Recirc Filter Temp	I-14	32
Sensor - Secondary Brake Pedal	D-4	33
Sensor - Service Brake Position	E-4	34
Sensor - Throttle	D-4	35
Switch - A/C	C-2	36
Switch - Arc On / Off	D-2	37
Switch - Backlight Dimmer	I-2	38
Switch - Column	G-1	39
Switch - Compression Brake	H-1	40
Switch - Economy Mode	G-3	41
Switch - Egress Lamp	F-2	42
Switch - Evap Freeze Probe	I-14	43
Switch - Front Brake	E-2	44
Switch - Hazard	D-2	45
Switch - Headlamp	I-2	46
Switch - Heated Mirror	H-3	47
Switch - Horn	H-1	48
Switch - Key Start	F-1	49
Switch - Regeneration	H-3	50
Switch - RH Console Lamp	F-3	51
Switch - Secondary Steering Test	I-3	52
Switch - TCS Test	H-3	53
Switch - Throttle Lock	C-5	54
Switch - Window Lift	D-5	55
Switch - Work Light	G-3	56
Valve AS - Water	I-13	57

COMPONENT LOCATION
Volume 2 of 2 - CHASSIS AND ENGINE WIRING

Component	Schematic Location	Machine Location
Alarm - Backup	D-11	58
Alternator	F-1	59
Arc Suppressor	G-1	60
Batteries - Cold Start	E-1	61
Battery - 12v 1	E-1	62
Battery - 12v 2	E-1	63
Breaker - Alternator 1	D-3	64
Breaker - Alternator 2	E-3	65
Breaker - Engine ECM 1	D-3	66
Breaker - Engine ECM 2	E-3	67
Breaker - Main Power 1	D-3	68
Breaker - Main Power 2	E-3	69
Control GP - Disconnect	E-1	70
Control GP - Engine	J-7	71
Ground - Chassis	B-6	72
Ground - Chassis 2	H-9	73
Ground - Chassis 3	E-6	74
Ground - Disconnect	E-1	75
Ground - Frame	E-2	76
Horn - High Tone	F-3	77
Horn - Low Tone	A-4	78
Motor - Sec Steering	D-2	79
Motor - Starter	E-2	80
Motor - Washer	F-3	81
Pump GP - Fuel Priming	H-4	82
Relay - Fuel Priming	C-2	83
Relay - Sec Steering	E-2	84
Relay - Start	F-2	85
Resistor - Can A	C-2	86
Sender - Fuel Level	J-13	87
Sensor - Air Inlet Temp	B-5	88
Sensor - Ambient Air Temp	D-5	89
Sensor - Barometric Pressure	I-5	90
Sensor - Brake Oil Temp	D-11	91
Sensor - Cam Speed	J-4	92
Sensor - Converter Output Speed 40T	A-14	93
Sensor - Coolant Level Low	C-5	94
Sensor - Coolant Temp	I-5	95
Sensor - Crank Speed	J-4	96
Sensor - Diff Oil Level 1	F-12	97
Sensor - Diff Oil Level 2	F-12	98
Sensor - Engine Oil Pressure	I-5	99
Sensor - Engine Speed Timing	I-2	100
Sensor - Fan Speed	B-4	101
Sensor - Fuel Pressure	I-4	102
Sensor - Fuel Temp	I-4	103
Sensor - HYD Oil Level	F-8	104
Sensor - Intake Air Pressure	I-5	105
Sensor - Intake Manifold Air Temp	I-5	106
Sensor - Left Front TPMS	H-13	107
Sensor - Left Hand Steering Cyl Position	H-13	108
Sensor - Left Rear TPMS	E-14	109
Sensor - LH Wheel Speed	F-12	110
Sensor - Primary Steer Pressure	D-8	111
Sensor - RF TPMS	G-12	112
Sensor - RH Wheel Speed	F-12	113
Sensor - Right Rear TPMS	D-14	114
Sensor - Service Brake Accum Pressure	I-12	115
Sensor - Steer Oil Level	F-8	116
Sensor - TC Oil Temp 40T	B-12	117
Sensor - TC Oil Temp 50T	C-12	118
Sensor - Turbo Inlet 1	B-3	119
Sensor - Water In Fuel	J-4	120
Sensor - XMSN In Speed 50T	D-12	121
Sensor - XMSN Out Speed 1 40T	B-12	122
Sensor - XMSN Out Speed 1 50T	C-12	123
Sensor - XMSN Out Speed 2 40T	B-12	124
Sensor - XMSN Out Speed 2 50T	D-12	125
Sensor - XMSN Speed 40T	A-14	126
Sensor - XMSN Speed 50T	C-14	127
Sensor - XMSN TC Oil Level Low 40T	B-12	128
Sensor - XMSN TC Oil Level Low 50T	C-12	129
Sensor - XMSN Temp 40T	B-12	130
Sensor - XMSN Temp 50T	C-12	131
Solenoid - A/C Clutch	G-1	132
Solenoid - Autolube	I-12	133
Solenoid - Brake - 1-3	J-3	134
Solenoid - Cooling Fan	B-10	135
Solenoid - ECPC Lockup 40T	A-14	136
Solenoid - ECPC Lockup 50T	D-12	137
Solenoid - Front Brake	I-12	138
Solenoid - Hoist Lower	I-13	139
Solenoid - Hoist Raise	I-13	140
Solenoid - Injectors 1-6	J-3	141
Solenoid - Left Rear Brake	E-11	142
Solenoid - Park Brake	E-11	143
Solenoid - Rear Brake Pressure	E-11	144
Solenoid - Right Rear Brake	E-11	145
Solenoid - Service Brake Accum Bleed	E-11	146
Solenoid - Start Aid	I-12	147
Solenoid - Steer System Disable	D-8	148
Solenoid - XMSN 1 40T	B-14	149
Solenoid - XMSN 1 50T	D-14	150
Solenoid - XMSN 2 40T	B-14	151
Solenoid - XMSN 2 50T	C-14	152
Solenoid - XMSN 3 40T	B-14	153
Solenoid - XMSN 3 50T	C-14	154
Solenoid - XMSN 4 40T	B-14	155
Solenoid - XMSN 4 50T	C-14	156
Solenoid - XMSN 5 40T	B-14	157
Solenoid - XMSN 5 50T	C-14	158
Solenoid - XMSN 6 40T	B-14	159
Solenoid - XMSN 6 50T	C-14	160
Solenoid - XMSN 7 40T	B-14	161
Solenoid - XMSN 7 50T	C-14	162
Switch - A/C Hi-Lo	G-1	163
Switch - A/C Low	G-1	164
Switch - Body Up	E-11	165
Switch - Brake Filter Bypass	I-12	166
Switch - Crank Lockout	B-2	167
Switch - Egress Light	E-3	168
Switch - Ground Level Shutdown	D-3	169
Switch - Ground Level Shutdown 2	E-3	170
Switch - Machine Lockout	C-2	171
Switch - Park Brake Pressure	C-10	172
Switch - Priming Pump	I-4	173
Switch - Sec Steering Pressure	D-8	174
Switch - XMSN Filter Bypass	I-13	175

CONNECTOR LOCATION
Volume 1 of 2 - CAB WITH VIMS WIRING

Connector Number	Schematic Location
CONN 1	I-13
CONN 2	D-9
CONN 3	C-9
CONN 4	B-9
CONN 5	H-5
CONN 6	H-5
CONN 7	F-2
CONN 8	E-2

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 - CHASSIS AND ENGINE WIRING

Connector Number	Schematic Location	Connector Number	Schematic Location
CONN 2	C-6	CONN 31	F-8
CONN 3	I-9	CONN 32	F-8
CONN 4	F-6	CONN 33	H-7, J-5
CONN 9	D-14	CONN 34	H-7, J-5
CONN 10	E-14	CONN 35	I-5
CONN 11	J-13	CONN 36	H-5
CONN 12	H-13	CONN 37	G-5
CONN 13	B-12	CONN 38	F-5
CONN 14	C-12	CONN 39	F-5
CONN 15	D-12	CONN 40	D-5, E-4 ,D-4
CONN 16	E-12	CONN 41	D-5, E-4 ,D-4
CONN 17	H-12	CONN 42	D-5
CONN 18	J-11	CONN 43	D-5
CONN 19	G-11	CONN 44	C-5
CONN 20	G-11	CONN 45	C-5
CONN 21	F-11	CONN 46	C-5
CONN 22	F-11	CONN 47	B-5
CONN 23	B-10, C-10	CONN 48	B-5
CONN 24	D-9	CONN 49	B-5
CONN 25	H-9	CONN 50	B-5
CONN 26	H-9	CONN 51	J-4
CONN 27	G-9	CONN 52	B-2
CONN 28	G-9	CONN 53	C-2
CONN 29	C-8	CONN 54	G-2, H-5
CONN 30	C-8		

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.

SPECIFICATIONS AND RELATED MANUALS
Volume 1 of 2 - CAB WITH VIMS WIRING

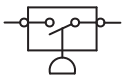
Related Electrical Service Manuals	
Title	**Form Number**
Cross Reference for Electrical Connectors:	REHS0970
Cahssis Control:	UENR1125
Brake Control:	UENR1136

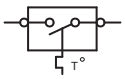
Resistor, Sender and Solenoid Specifications			
Part No.	**Component Description**		**Resistance (Ohms)[1]**
134-2540	Resistor	Can	120 ± 12
257-5029	Resistor	Blower	1-2: 1.3 2-3: 0.8 3-4: 0.4
286-9022	Resistor	LH Turn RH Turn	300 ± 15

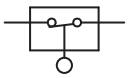
[1] At room temperature unless otherwise noted.

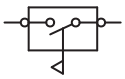
HARNESS and WIRE
Electrical Schematic Symbols

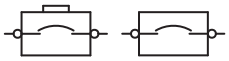
Symbols


Pressure Symbol


Temperature Symbol

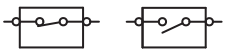

Level Symbol

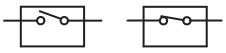

Flow Symbol

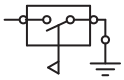

Circuit Breaker Symbol

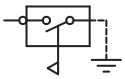
Symbols and Definitions

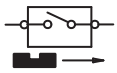

Fuse: A component in an electrical circuit that will open the circuit if too much current flows through it.

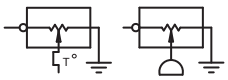

Switch (Normally Open): A switch that will close at a specified point (temp, press, etc.). The circle indicates that the component has screw terminals and a wire can be disconnected from it.

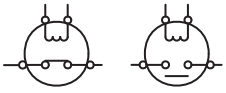

Switch (Normally Closed): A switch that will open at a specified point (temp, press, etc.). No circle indicates that the wire cannot be disconnected from the component.

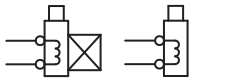

Ground (Wired): This indicates that the component is connected to a grounded wire. The grounded wire is fastened to the machine.

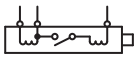

Ground (Case): This indicates that the component does not have a wire connected to ground. It is grounded by being fastened to the machine.


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.

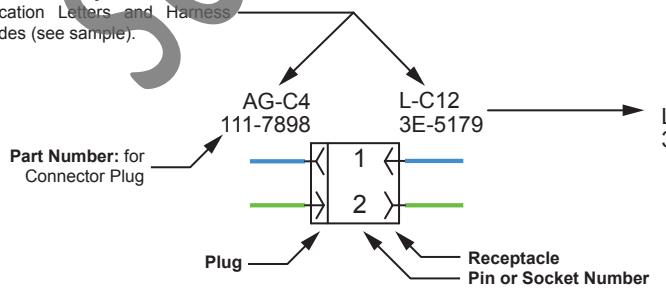

Relay (Magnetic Switch): A relay is an electrical component that is activated by electricity. It has a coil that makes an electromagnet when current flows through it. The electromagnet can open or close the switch part of the relay.

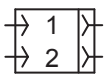

Solenoid: A solenoid is an electrical component that is activated by electricity. It has a coil that makes an electromagnet when current flows through it. The electromagnet can open or close a valve or move a piece of metal that can do work.


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.

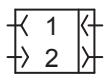
Harness and Wire Symbols

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

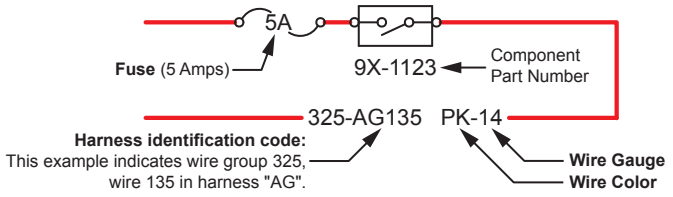


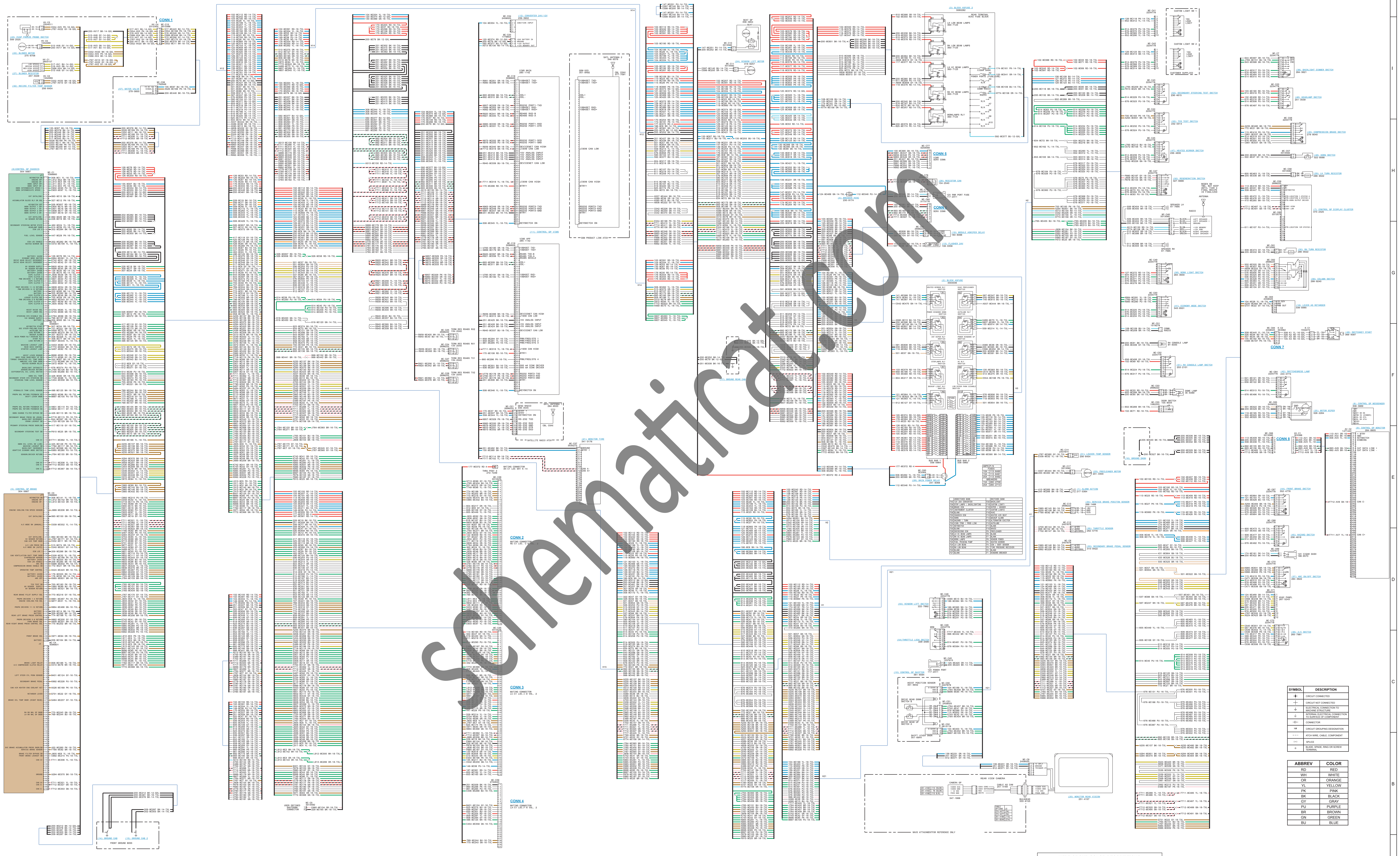


Deutsch connector: Typical representation of a Deutsch connector. The plug contains all sockets and the receptacle contains all pins.



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





40/50T TITAN OHT						
IDENT	PART NUMBER	CHANGE	SHEET	LOC	DESCRIPTION	NOTE
HARNESS AS.						
AV	361-2524	00	1	D-3	ADVISOR	ATCH
HV	324-0852	02	1	L-17	HVAC BLOWER BOX	STD
K	365-3948	00	1	H-2	KEYSWITCH	STD
MC	351-3463	04	1	G-6	MAIN CAB	STD

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

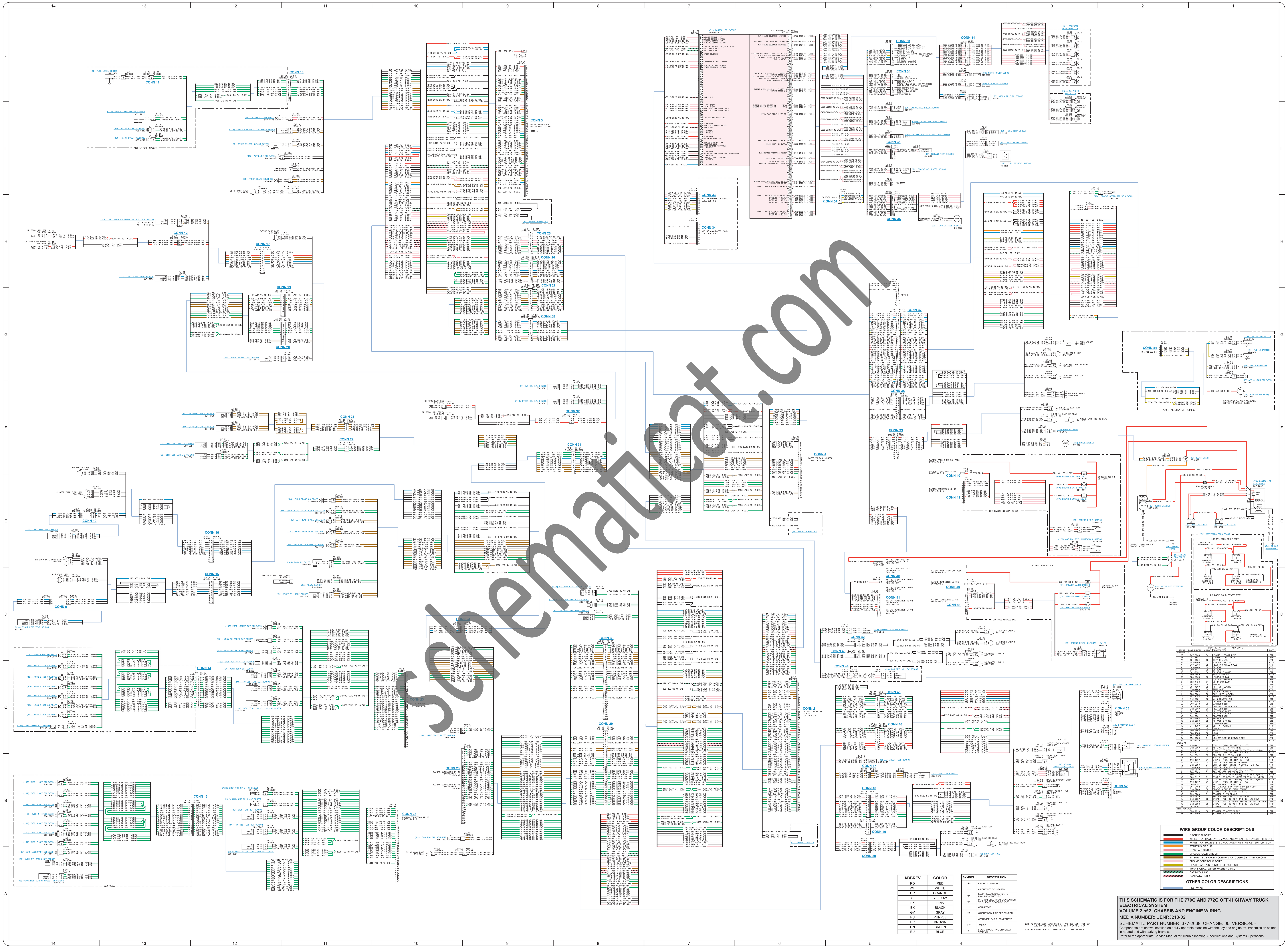
WIRE GROUP COLOR DESCRIPTIONS

- 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
- CHASSIS / AWD CIRCUIT
- INTEGRATED BRAKING CONTROL
- ENGINE CONTROL CIRCUIT
- HEATER AND AIR CONDITIONER CIRCUIT
- TURN SIGNAL / WIPER WASHER CIRCUIT
- CAT DATA LINK
- RS-232 / RS-485 DATA LINK
- CAN DATA LINK A

OTHER COLOR DESCRIPTIONS

- HIGHWAYS

THIS SCHEMATIC IS FOR THE 770G AND 772G OFF-HIGHWAY TRUCK ELECTRICAL SYSTEM
VOLUME 1 of 2: CAB WITH VIMS WIRING
MEDIA NUMBER: UENR3213-02
SCHEMATIC PART NUMBER: 377-2071, CHANGE: 00, 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.



40/50T TITAN TIER 4F AND LRC OHT				
IDENT	PART NUMBER	CHANGE	DESCRIPTION	NOTE
HARNESS AS.				
AC	247-5643	04	LIGHTS - RIGHT REAR	STD
AE	247-5641	02	LIGHTS - LEFT REAR	STD
AF	351-0954	02	DIFF OIL LVL	ATCH
AG	353-7409	02	HYD/STR OIL LVL	ATCH
AH	318-8766	02	REAR TCS WHEEL SPEED	ATCH
AJ	309-4469	02	RH REAR	ATCH
AM	309-4471	02	LH REAR	ATCH
AR	342-2552	04	RH REAR CHASSIS	STD
CA	309-4459	01	WORK LIGHTING	ATCH
CF	353-4565	02	HYDRAULIC FAN	STD
CG	353-6198	03	A/C / ALTERNATOR	STD
CH	309-4459	01	LH RR WORKLAMP	ATCH
EL	342-2557	06	ENGINE	STD
FA	354-4208	02	RH FRONT LIGHTS	ATCH
FC	354-4208	02	TPMS LAMP	ATCH
FR	353-7408	02	REAR ATTACHMENT	ATCH
L	235-0084	00	FUEL LEVEL SENDER	ATCH
LA	344-1788	05	FRONT ATTACHMENT	ATCH
LC	342-2551	06	MAIN CHASSIS (LH)	STD
LF	342-2555	02	LH REAR CHASSIS	ATCH
LG	318-6548	03	LIGHTING (LH)	STD
LX	342-2560	03	LRC BASE SERVICE BOX	ATCH
MA	342-2558	03	PLATFORM (LH)	STD
ML	341-3444	03	LH EGRESS LAMPS	STD
MR	341-3444	03	RH EGRESS LAMPS	STD
NE	342-2561	04	PLATFORM (RH)	STD
RA	342-2562	04	SERVICE BOX	STD
RE	342-2553	05	RH MAIN CHASSIS	STD
RG	318-6549	03	LIGHTING (RH)	STD
RJ	344-1789	02	LEFT ATTACHMENT	ATCH
RT	351-0953	02	COOLANT	ATCH
TA	309-4463	03	XMSN BASIC	STD
TC	303-1985	02	XMSN	ATCH
TG	342-2556	05	XMSN	STD
TY	379-4985	01	LRC DEVELOPING SERVICE BOX	ATCH
U	341-8379	03	XMSN	ATCH
CABLE AS.				
AA	118-1277	01	BTRY 1 -(NEG) TO BTRY 2 +(POS)	STD
AL	342-2550	03	ALTERNATOR TO PASS THRU	STD
AN	369-9115	00	DISC B- TO BTRY 5 -(NEG) TO BTRY 8 -(NEG)	ATCH
AP	118-1277	01	BTRY 3 -(NEG) TO BTRY 8 +(POS)	ATCH
CC	342-2542	03	SEC STR RLY TO ISLN LUG	STD
CN	118-1277	01	BTRY 6 -(NEG) TO BTRY 7 +(POS)	ATCH
CP	118-1277	01	BTRY 9 -(NEG) TO BTRY 10 +(POS)	ATCH
FF	362-3057	02	CONT GP-DISC -(NEG) TO GROUND	STD
FG	342-2538	04	CONT GP-DISC -(NEG) TO GROUND (LRC-DEV)	ATCH
GG	318-9165	03	CONT GP-DISC TO ISLN LUG	STD
GH	342-2540	03	CONT GP-DISC TO ISLN LUG (LRC-DEV)	ATCH
JJ	268-6609	01	SEC STARTER MOT TO GROUND	STD
NA	369-9118	01	DISC B+ TO BTRY 6 +(POS) TO BTRY 9 +(POS)	ATCH
NC	369-9117	01	DISC B- TO BTRY 7 -(NEG) TO BTRY 10 -(NEG)	ATCH
NN	369-9116	00	DISC B+ TO BTRY 4 +(POS) TO BTRY 3 +(POS)	ATCH
PP	118-1277	01	BTRY 4 -(NEG) TO BTRY 5 +(POS)	ATCH
TT	364-9131	01	ALT BREAKER TO PASS THRU	STD
VV	364-9132	01	ALT BREAKER 2 TO PASS THRU (LRC-DEV)	STD
XC	314-9260	02	ENGINE BLOCK TO FRAME GROUND	STD
XE	309-4446	02	BTRY1 +(POS) TO CONT GP-DISC	STD
XF	299-5738	01	STARTER B- TO GROUND	STD
XG	342-2539	03	SEC STR RELAY B+ TO STARTER B+	STD
XJ	342-2537	03	BTRY1 +(POS) TO CONT GP-DISC (LRC-DEV)	ATCH
XK	309-4445	02	BTRY2 -(NEG) TO BTRY4 -(NEG) TO CONT GP-DISC	STD
XL	342-2536	03	BTRY2 -(POS) TO CONT GP-DISC (LRC-DEV)	ATCH
YY	342-2541	03	STARTER TO ISLN LUG	STD
WIRE ASSEMBLY				
HH	354-7614	02	STARTER TO STARTER RLY	STD
XX	353-8392	01	STARTER RLY TO STARTER	STD

NOTE A: WIRES E960-LC12 (PIN 54) AND 229-LC14 (PIN 55) ARE NOT IN CAB HRNESS P/N: 377-2074 / CH00

NOTE B: CONNECTION NOT USED IN LRC - TIER 4F ONLY

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

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

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
- STARTING CIRCUIT
- START AID CIRCUIT
- CHASSIS / AWD CIRCUIT
- INTEGRATED BRAKING CONTROL / ACCUGRAGE / CAES CIRCUIT
- ENGINE CONTROL CIRCUIT
- HEATER AND AIR CONDITIONER CIRCUIT
- TURN SIGNAL / WIPER WASHER CIRCUIT
- CAT DATA LINK
- CAN DATA LINK A

OTHER COLOR DESCRIPTIONS

- HIGHWAYS

THIS SCHEMATIC IS FOR THE 770G AND 772G OFF-HIGHWAY TRUCK ELECTRICAL SYSTEM
VOLUME 2 of 2: CHASSIS AND ENGINE WIRING

MEDIA NUMBER: UENR3213-02

SCHEMATIC PART NUMBER: 377-2069, CHANGE: 00, 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.

CAB FRONT VIEW

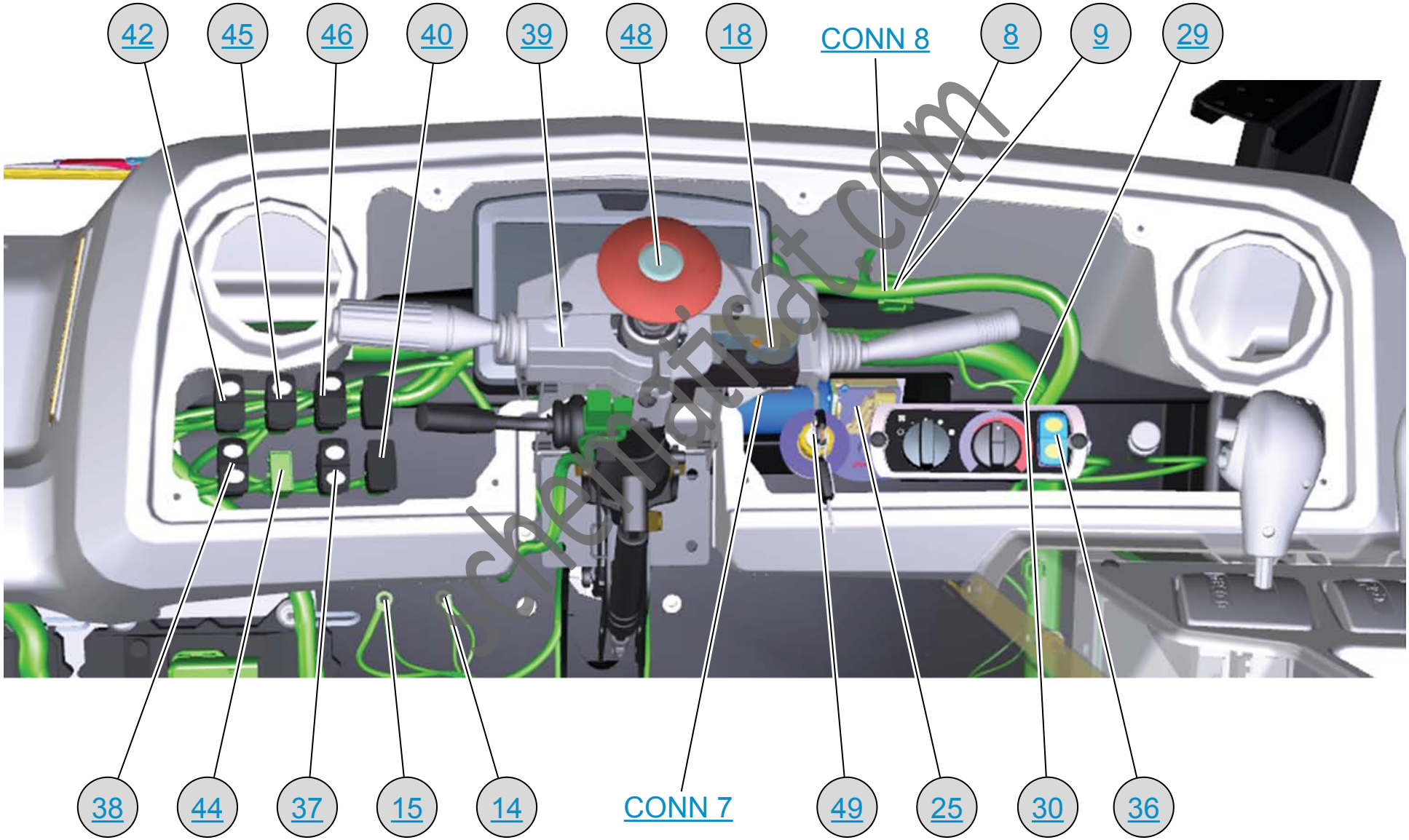
VIEW ALL CALLOUTS

CAB REAR VIEW

VIEW ALL CALLOUTS

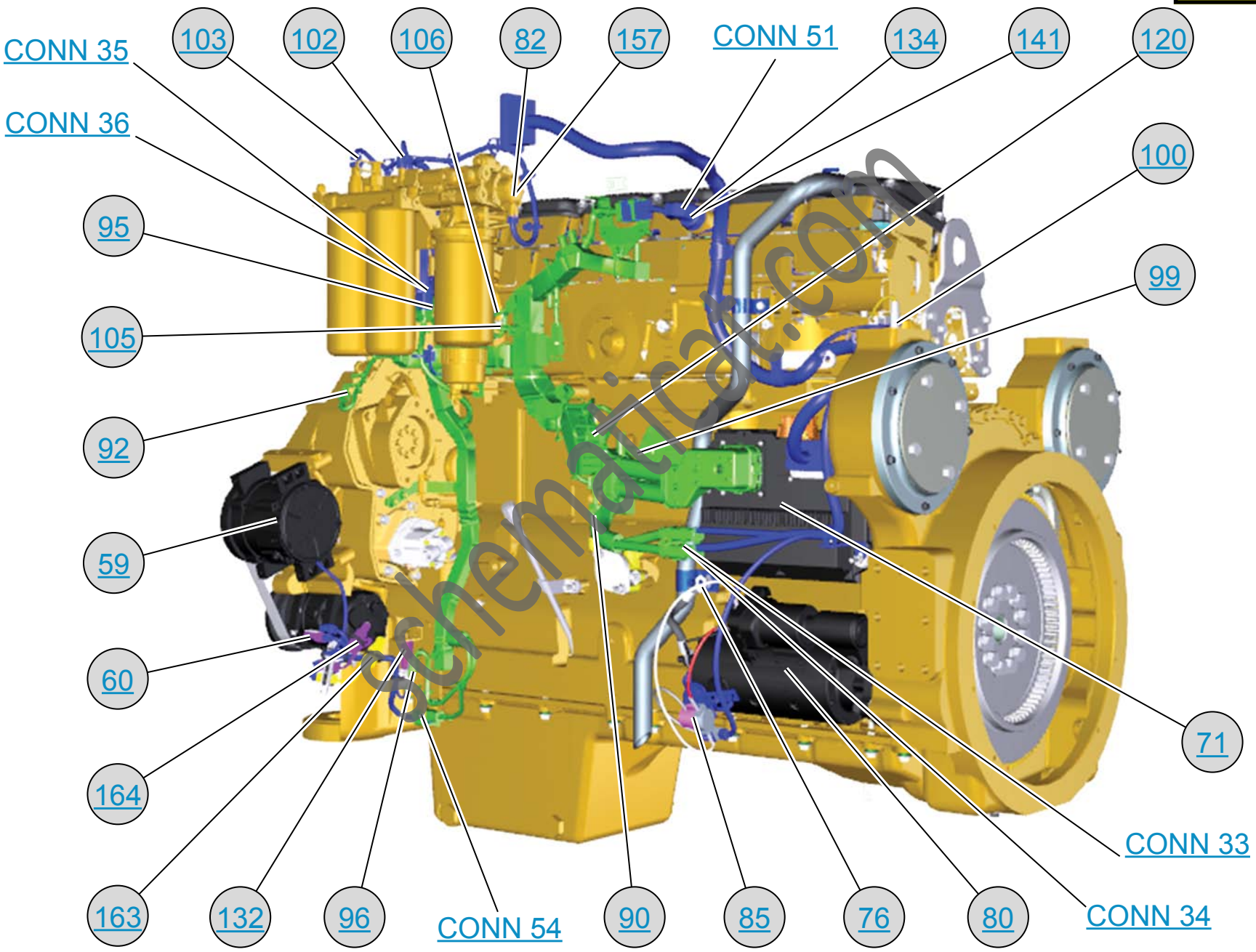
DASH VIEW

VIEW ALL CALLOUTS



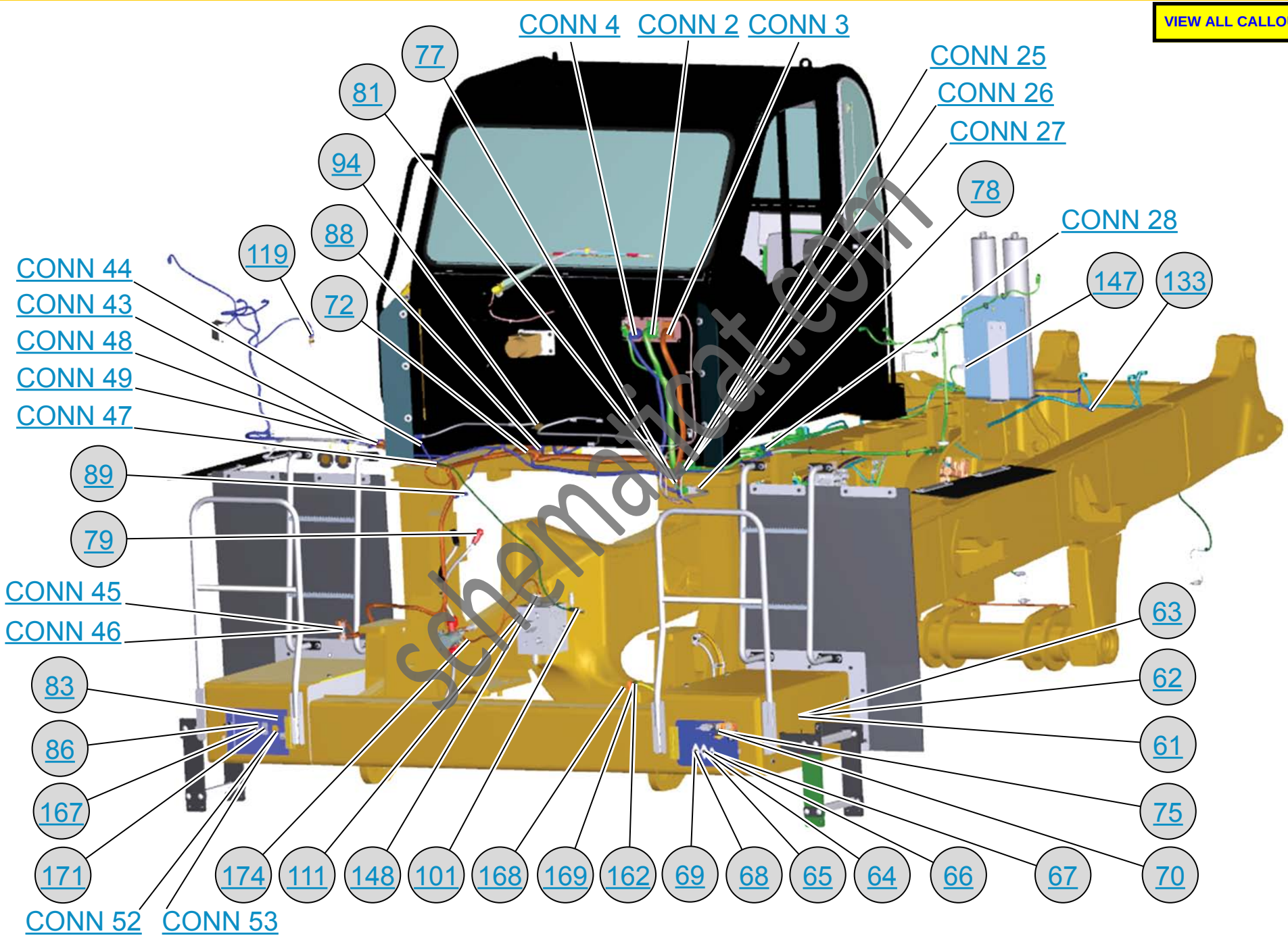
ENGINE

VIEW ALL CALLOUTS



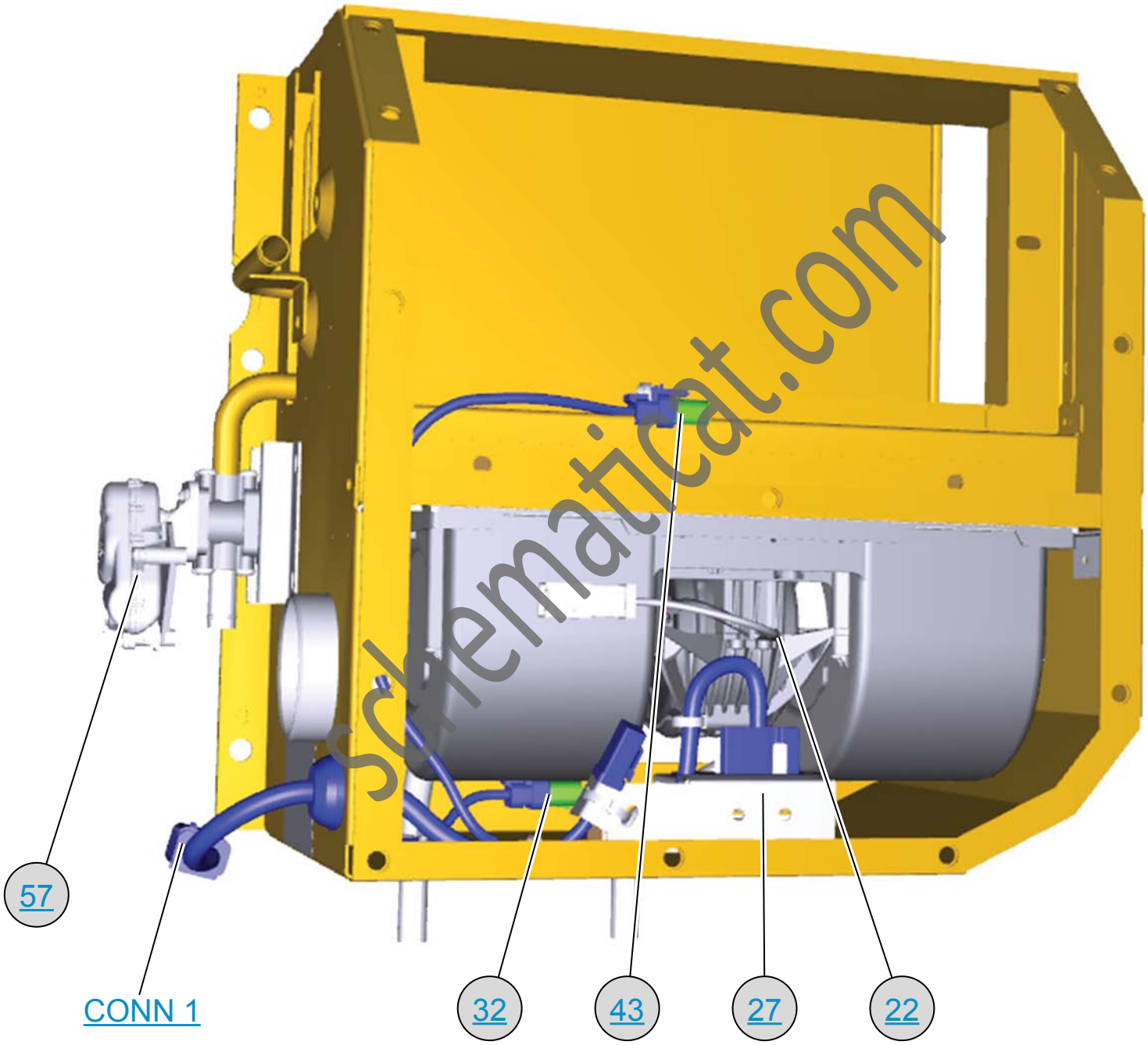
FRONT VIEW

VIEW ALL CALLOUTS



HVAC VIEW

VIEW ALL CALLOUTS

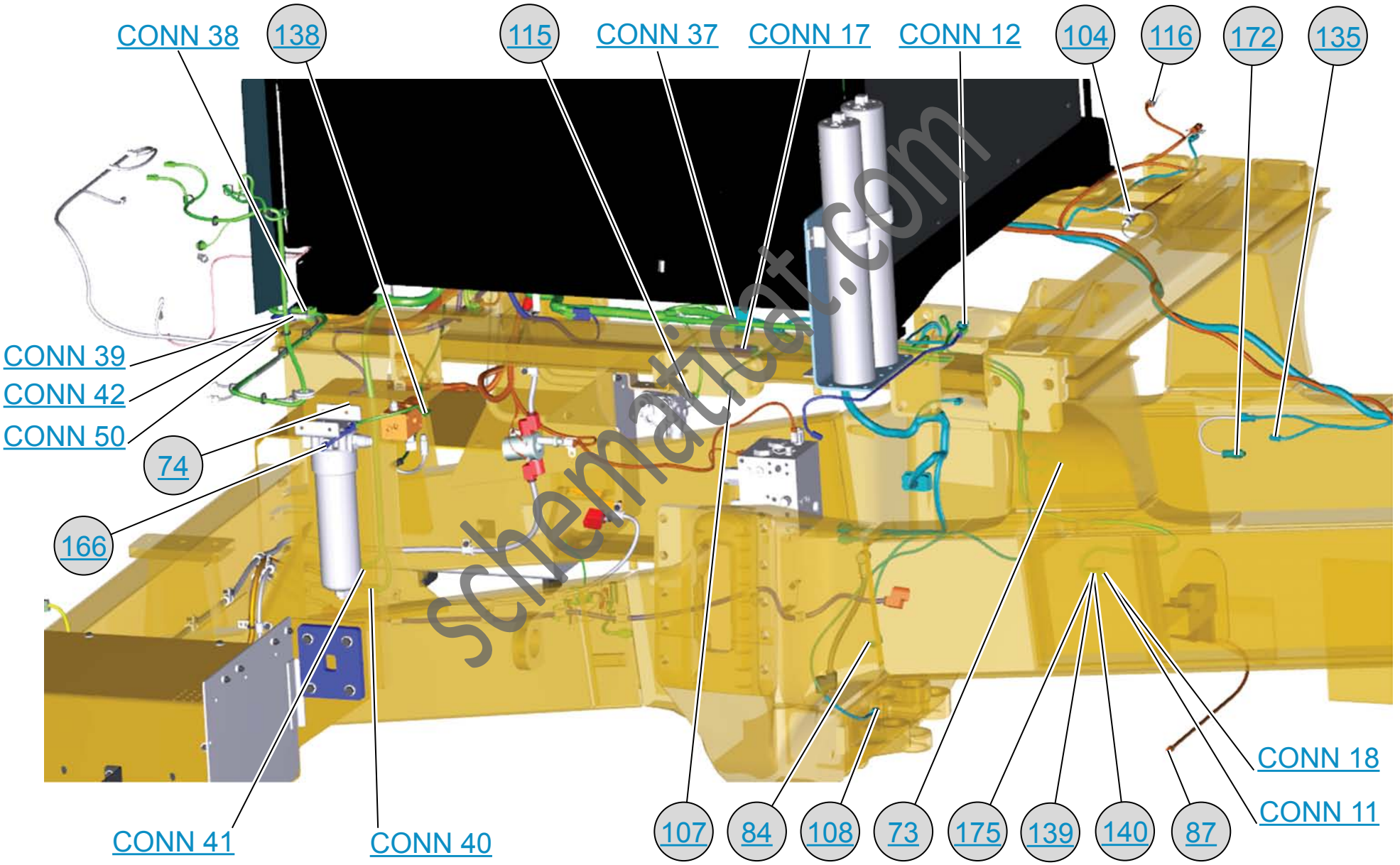


INSIDE CAB VIEW

VIEW ALL CALLOUTS

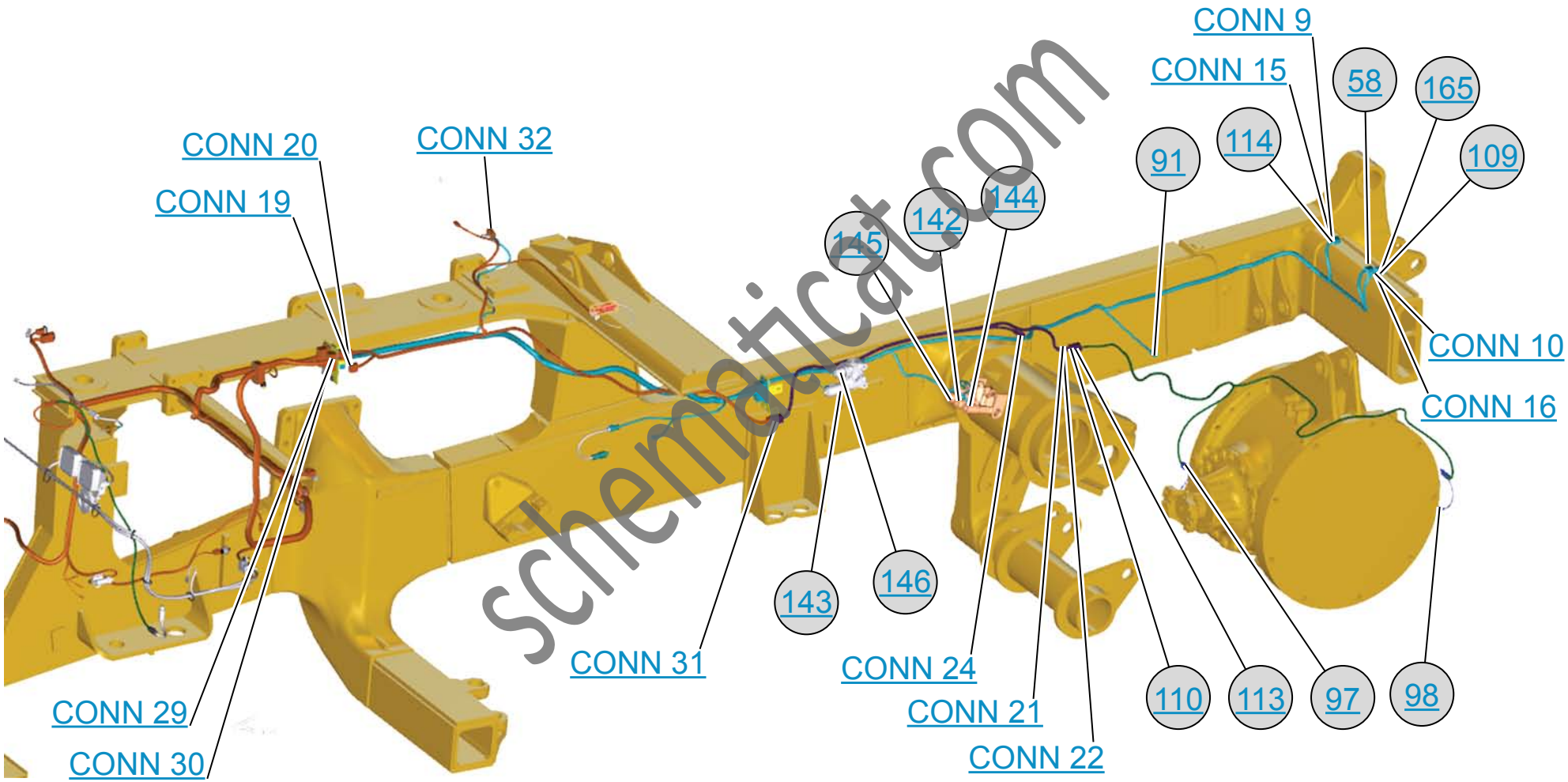
LEFT FRONT

VIEW ALL CALLOUTS



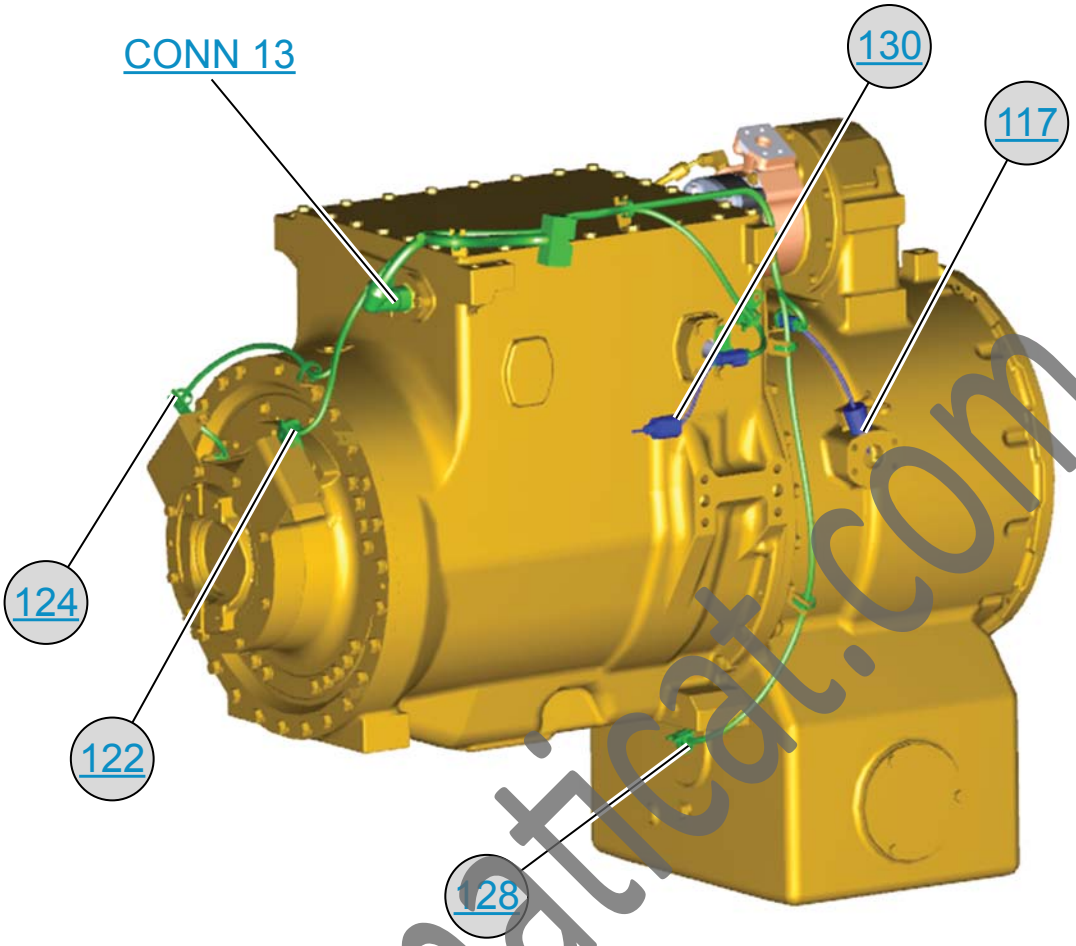
REAR FRAME

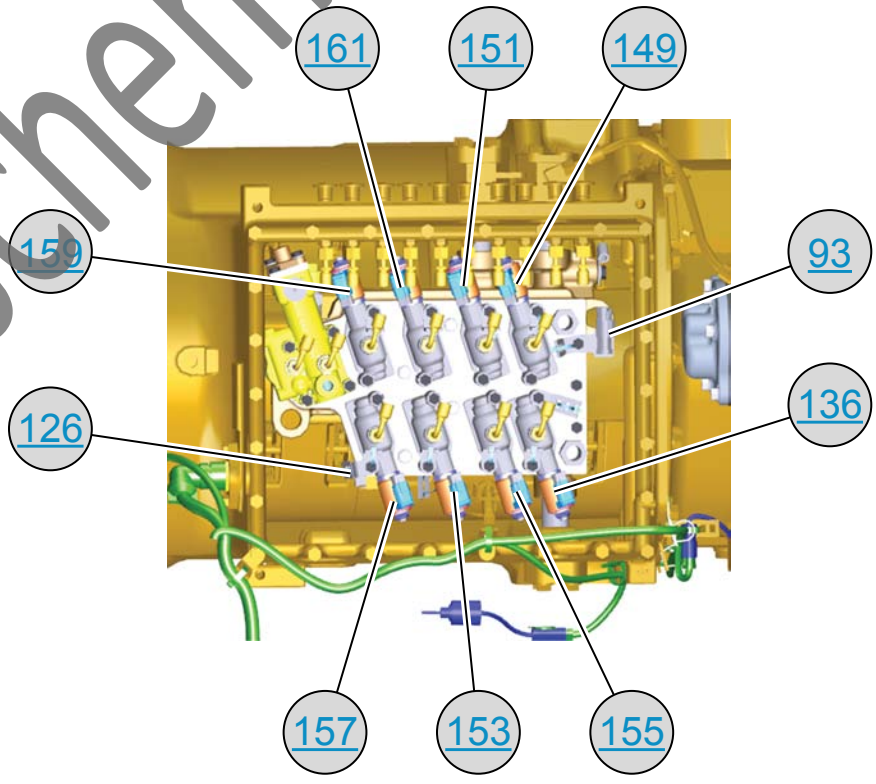
VIEW ALL CALLOUTS



XMSN 40 TON

VIEW ALL CALLOUTS





XMSN 50 TON

VIEW ALL CALLOUTS