

Electrical System, Cummins

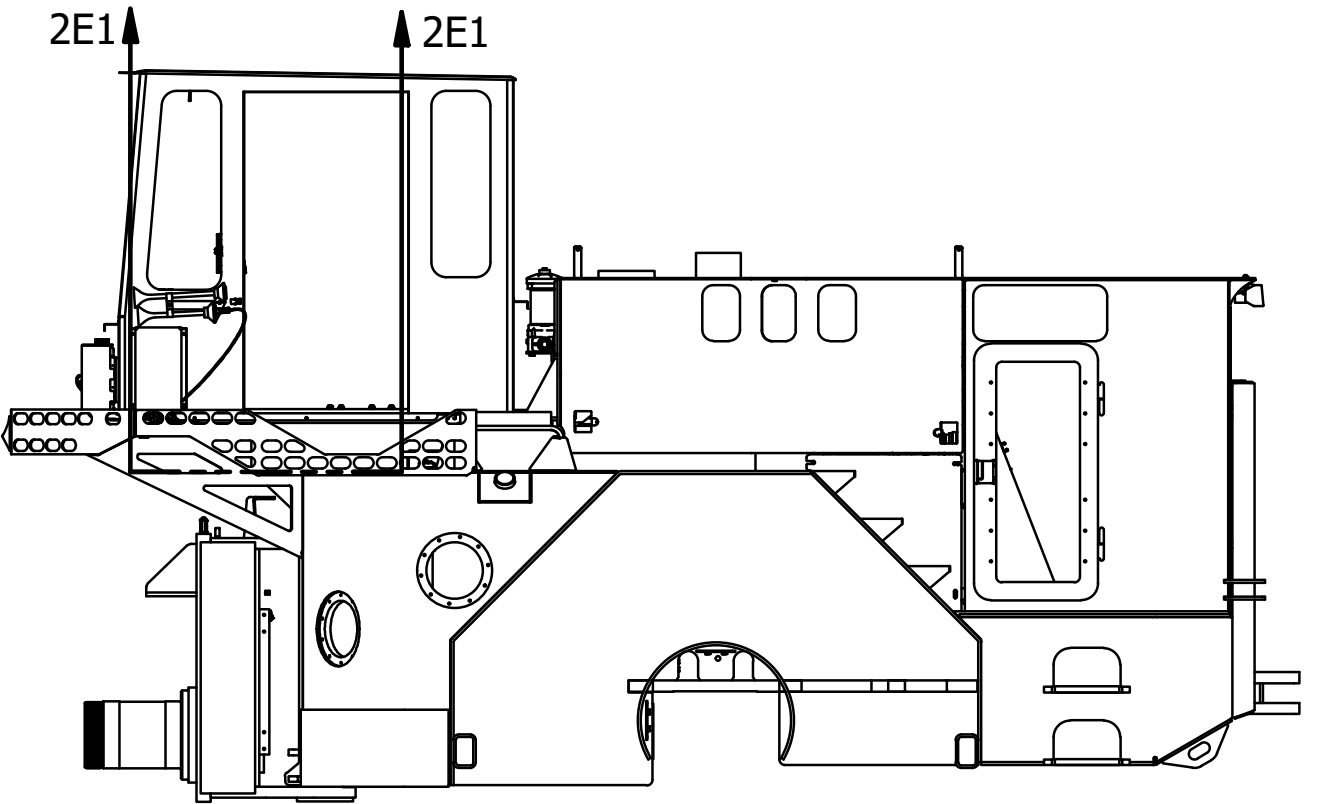
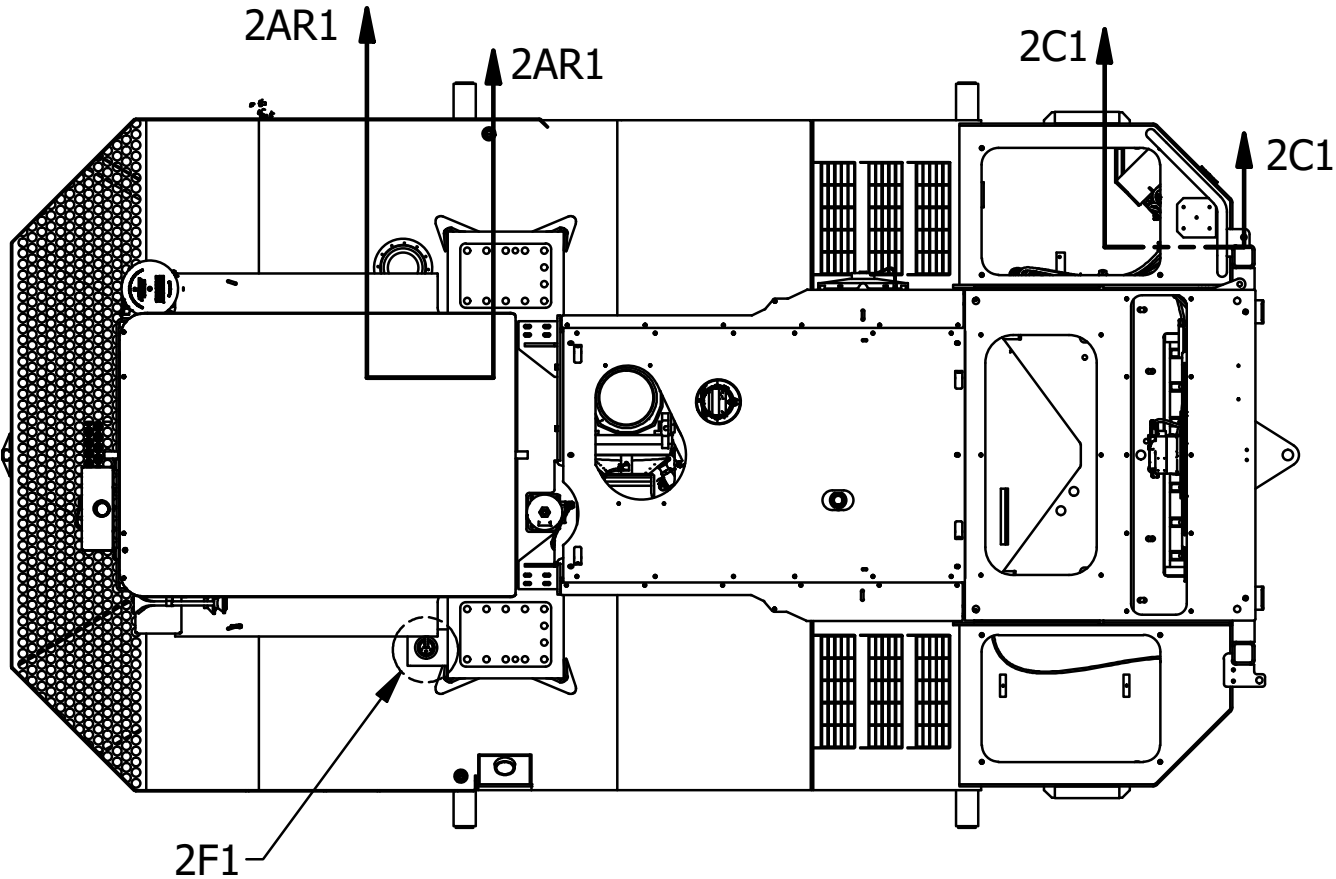
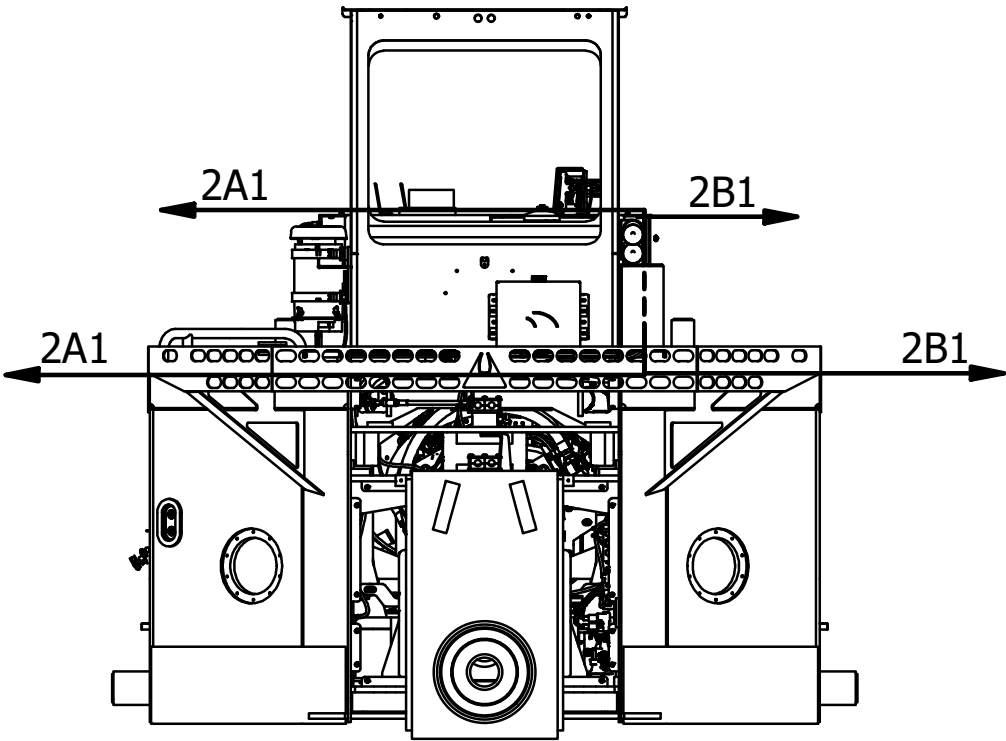
Electrical System, Cummins

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
	602669		Electrical System, Cummins				
1	603988	1	. Wire Harness, Chassis "A"	9.99	605261	1	. Battery Harness, Cummins
	237172	3	. Resistor, 1K Ohm	9.99.1			. . Wire "A"
	241893	1	. Resistor, 18K Ohm	9.99.2			. . Wire "B"
	594742	1	. Capacitor, 2 Pin	9.99.3			. . Wire "C"
2	603989	1	. Wire Harness, Chassis "B"	9.99.4			. . Wire "D"
	594743	1	. Capacitor, 3 Pin	9.99.5			. . Wire "E"
3	602121	1	. Wire Harness, "C" Chassis	9.99.6			. . Wire "F"
	594744	1	. Capacitor, 4 Pin	9.99.7			. . Wire "G"
4	602122	1	. Wire Harness, "D" Chassis	9.99.8			. . Wire "H"
	594742	2	. Capacitor, 2 Pin	9.99.9			. . Wire "J"
6	603627	1	. Cummins QSL9 Engine Harness	9.99.10			. . Wire "K"
	241893	1	. Resistor, 18K Ohm	9.99.11			. . Wire "L"
	593608-150	1	. Fuse, MIDI/AMI, 150Amp	9.99.12			. . Wire "M"
	597377	5	. Relay, Micro, 24V SPDT	9.99.13			. . Wire "N"
	597379	1	. Fuse, Auto Mini, 10Amp	10	593637	1	. Horn , Dual Trumpet
	597380	2	. Fuse, Auto Mini, 15Amp	12	Y25G-(1024)08	2	. Capscrew
	597382	1	. Fuse, Auto Mini, 30Amp	13	595326	A/R	. Mount, Tack
7	598644	1	. Linear Position Sensor	14	249329	A/R	. Cable Tie
	598911	1	. Kit, Spherical Rod Ends	15	R13801359	1	. Clip, Insulated
8	603952	1	. Sending Unit, Fuel	16	209578	1	. Clamp
9	605260	1	. Battery Harness Installation	17	Y35E-#10	6	. Washer
9.1	200220	2	. Battery	18	603606	2	. Bracket, Harness Mount
9.2	246927	1	. Switch, Battery Disconnect	19	302401W	2	. Locknut
9.3	601714	1	. Fuse Holder, ANL	20	599400	3	. Clamp
9.4	601715-750	1	. Fuse, Limiter	22	221767W	4	. Washer
9.5	601743	1	. Battery Mount	23	237567	2	. Locknut
9.6	601723	2	. J-Bolt	24	221499W	2	. Capscrew
9.7	583417	2	. Pad	27	293631W	2	. Capscrew
9.10	* 585189	1	. Battery Lockout Installation	29	R13808094	5	. Clip, Insulated
9.12	221767W	2	. Washer	30	296420W	4	. Washer
9.13	237567	2	. Locknut	31	296422W	2	. Washer
9.14	231537	17	. Clamp	32	R13811225	2	. Capscrew
9.15	221763W	7	. Washer	33	599855	1	. Bracket, Assembly
9.16	15113W	5	. Locknut	34	599797	1	. Boot Connector, 96 Pin
9.17	R13801783	4	. Capscrew	35	00109451	4	. Screw, Machine
9.18	R13811190	2	. Locknut	36	605407	1	. Cable, Grid Heater Power
9.19	R13802914	2	. Washer	37	231248	1	. Clamp
9.20	R13811015	2	. Capscrew	38	231251	2	. Clamp
9.21	231252	6	. Clamp				
9.22	221771W	1	. Washer				
9.23	R13801840	1	. Capscrew				
9.25	R13801782	1	. Capscrew				
9.26	R13809364	1	. Capscrew				
9.27	R13810989	2	. Capscrew				
9.28	15127W	2	. Washer				

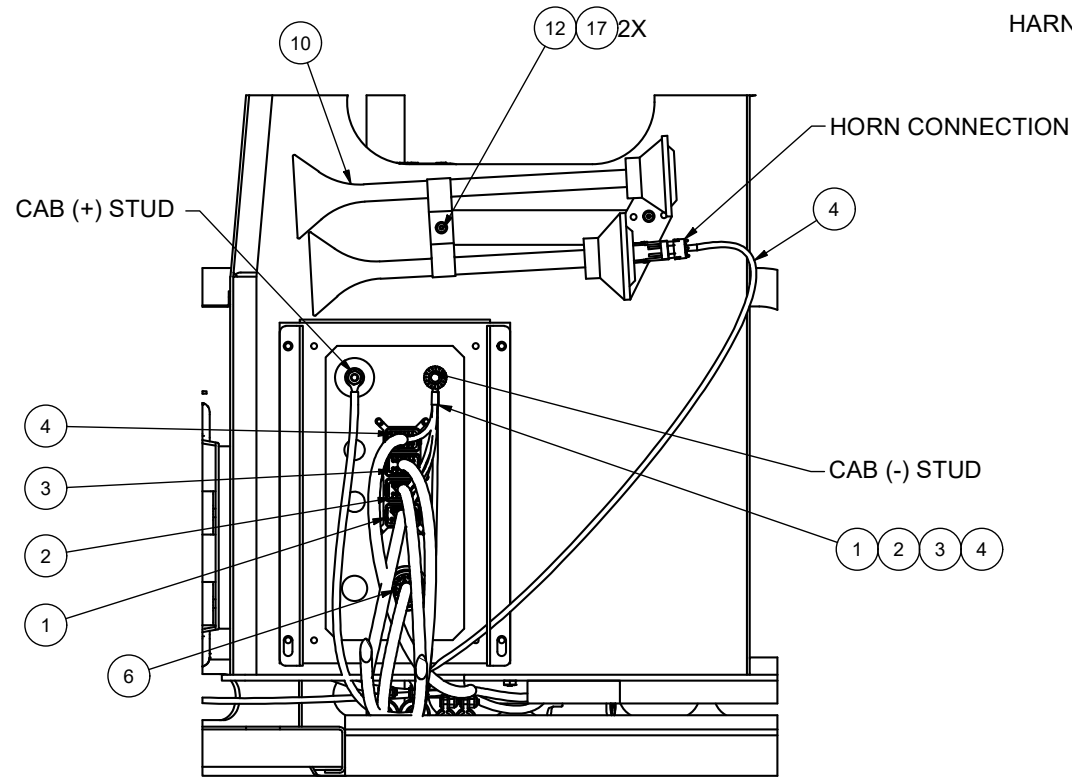
* See Separate Coverage

NOTES:

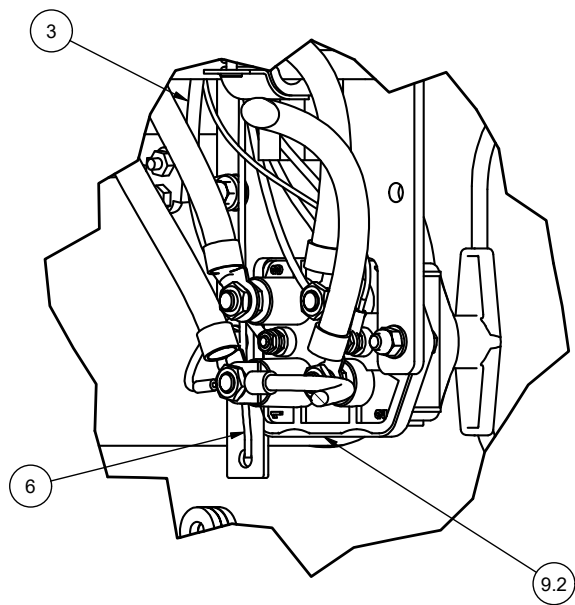
2. ROUTE WIRE HARNESS AS SHOWN. DEVIATION FROM THIS ROUTING WILL AFFECT HARNESS LENGTHS.
- WIRE HARNESS SHALL BE SUPPORTED EVERY 18 INCHES AS REQUIRED WITH TACK MOUNTS AND CABLE TIES.
 - WHEN SECURING WIRES HARNESS TO TACK MOUNT, RUN CABLE TIE THROUGH BOTH TACK MOUNT LOOPS AND STRADDLE HARNESS IN TACK MOUNT.
 - WHEN NOT SECURING HARNESS TO TACK MOUNT, USE THE FIRST LOOP TO SECURE CABLE TIE TO SUPPORT OBJECT, THEN USE THE SECOND LOOP TO SECURE THE WIRE HARNESS.



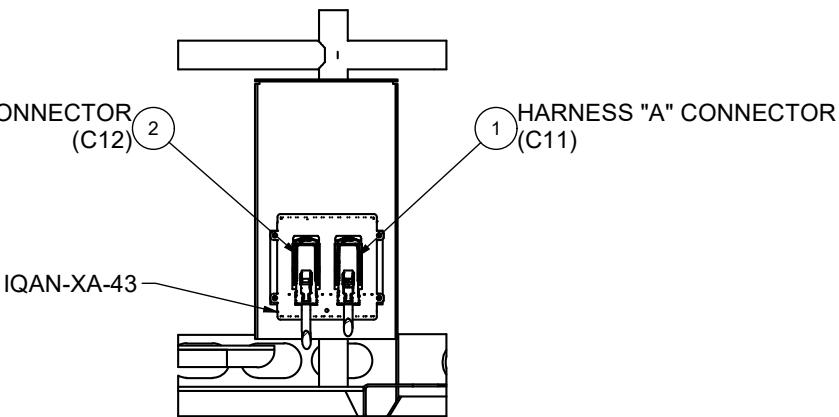
ELECTRICAL SYSTEM



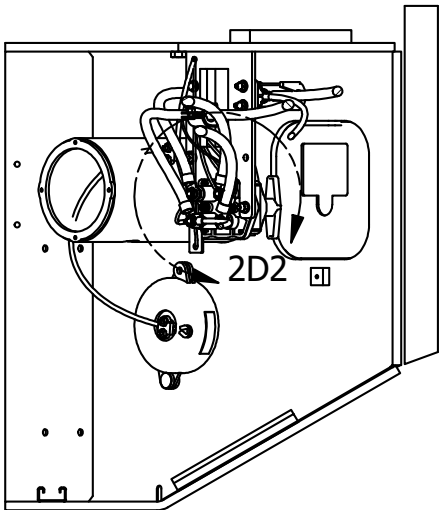
SECTION 2A1-2A1
CAB ELECTRICAL BULKHEAD
AND HORN LOCATION
VIEW CROPPED FOR CLARITY



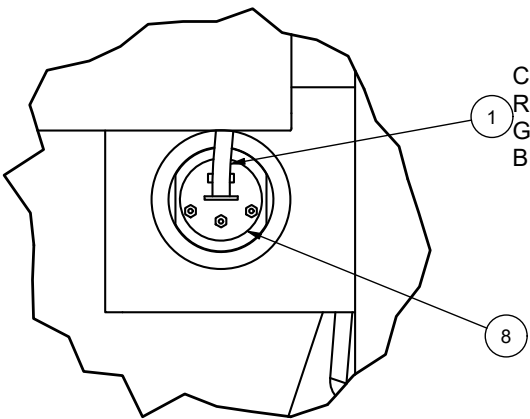
DETAIL 2D2
BATTERY SWITCH



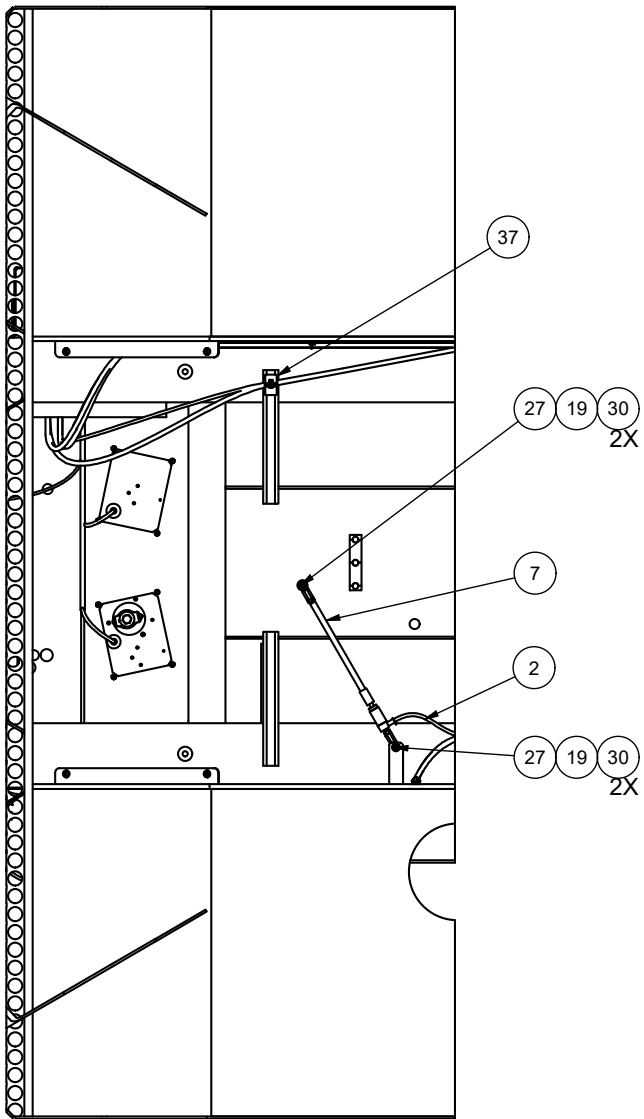
SECTION 2B1-2B1
CAB ELECTRICAL BOX
VIEW CROPPED FOR CLARITY



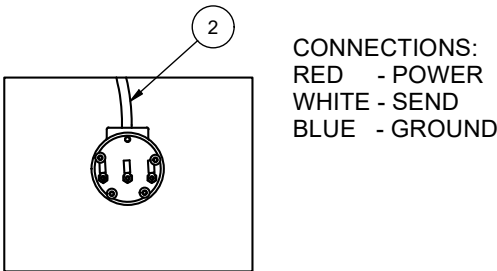
SECTION 2C1-2C1



DETAIL 2F1
FUEL LEVEL SENSOR



SECTION 2E1-2E1
STEERING POSITION SENSOR

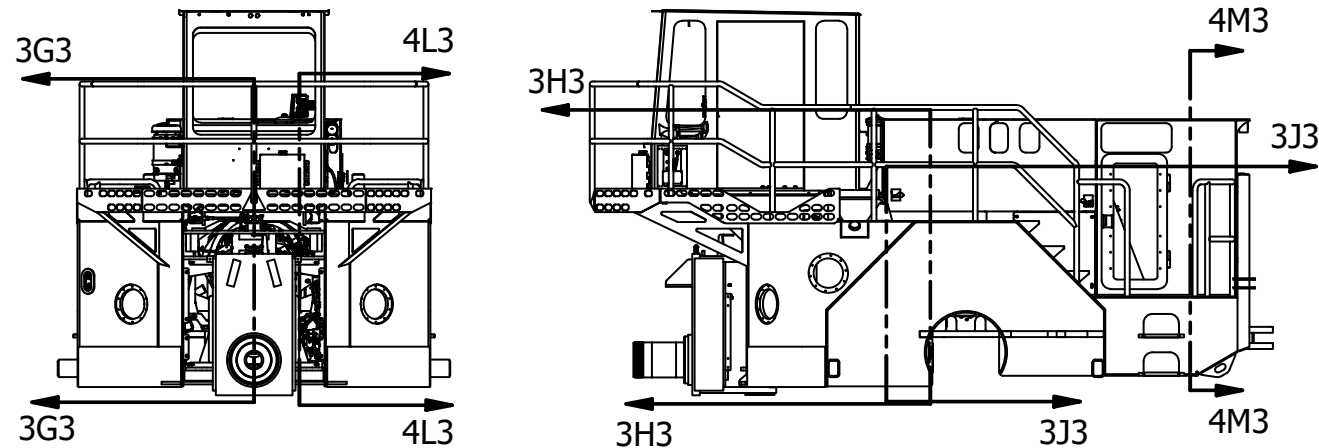
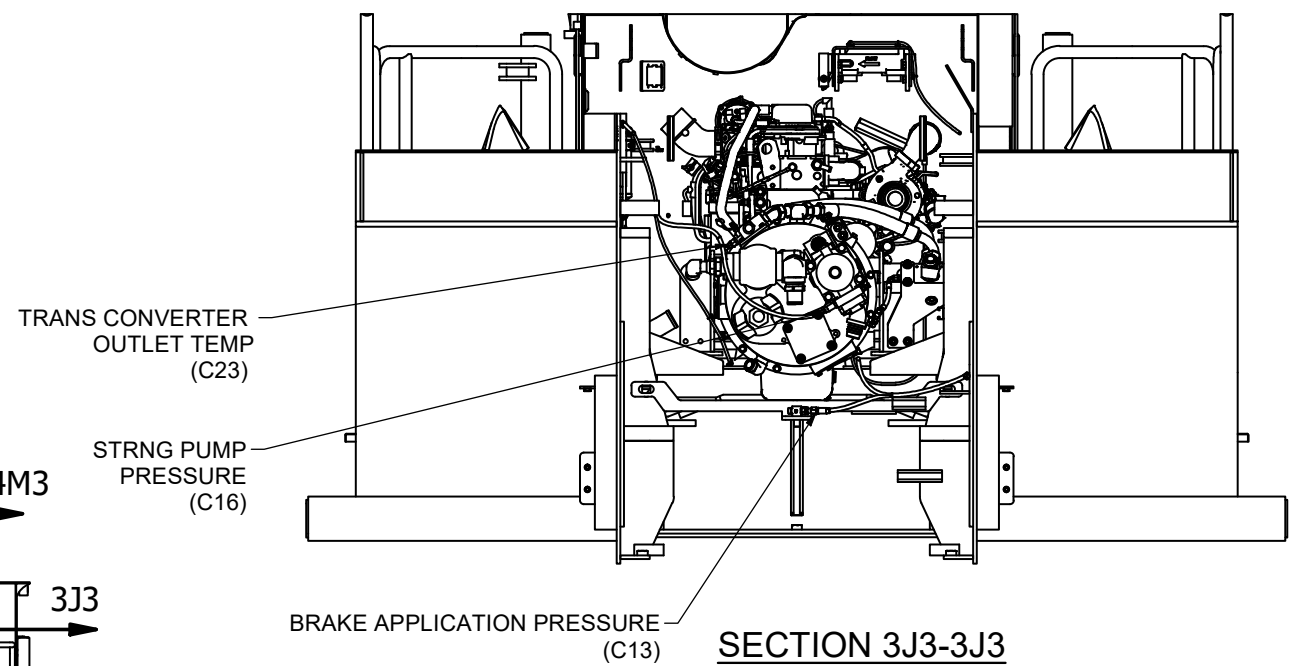
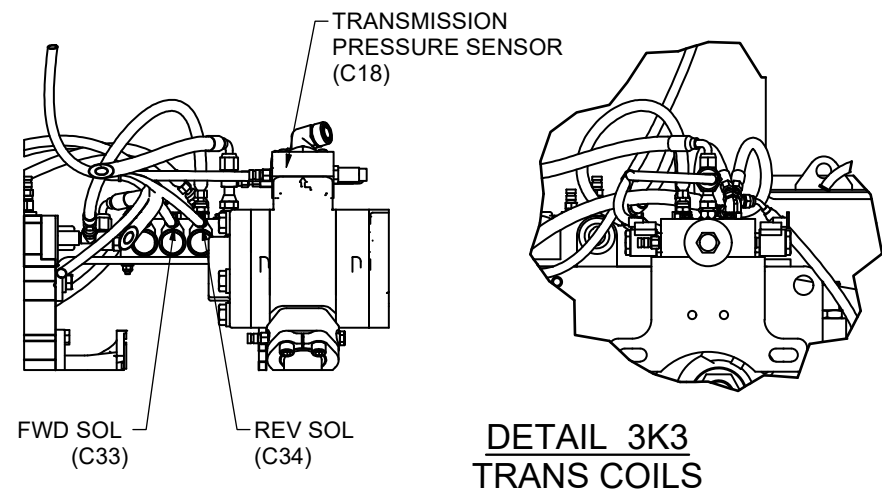
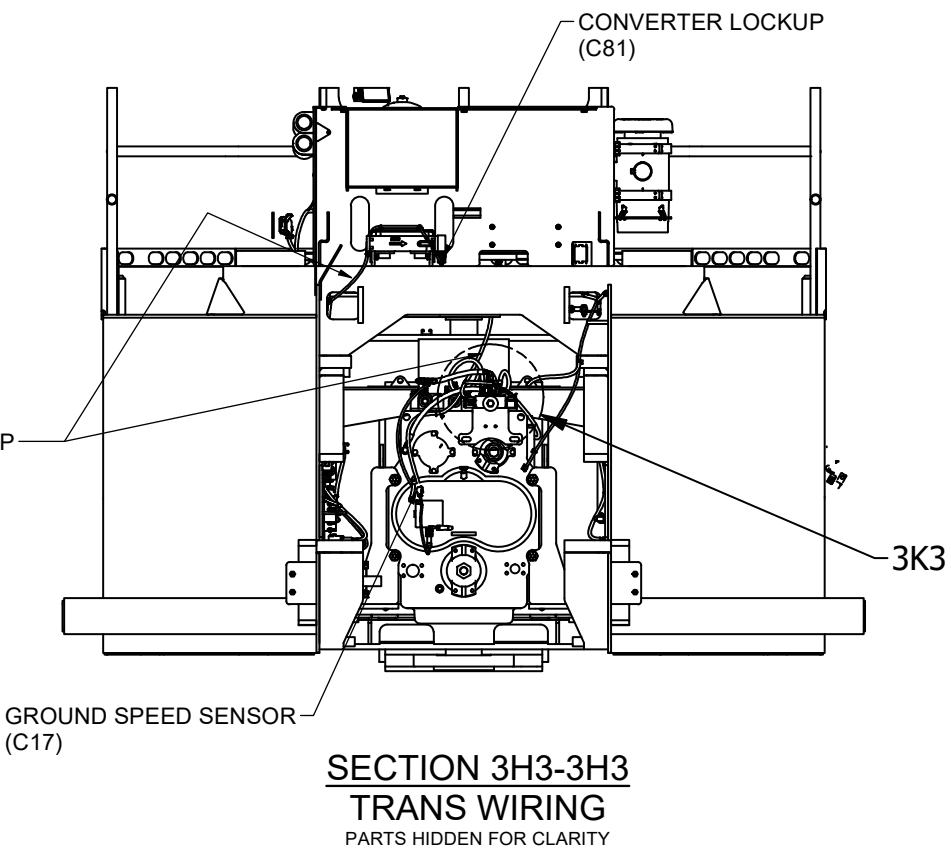
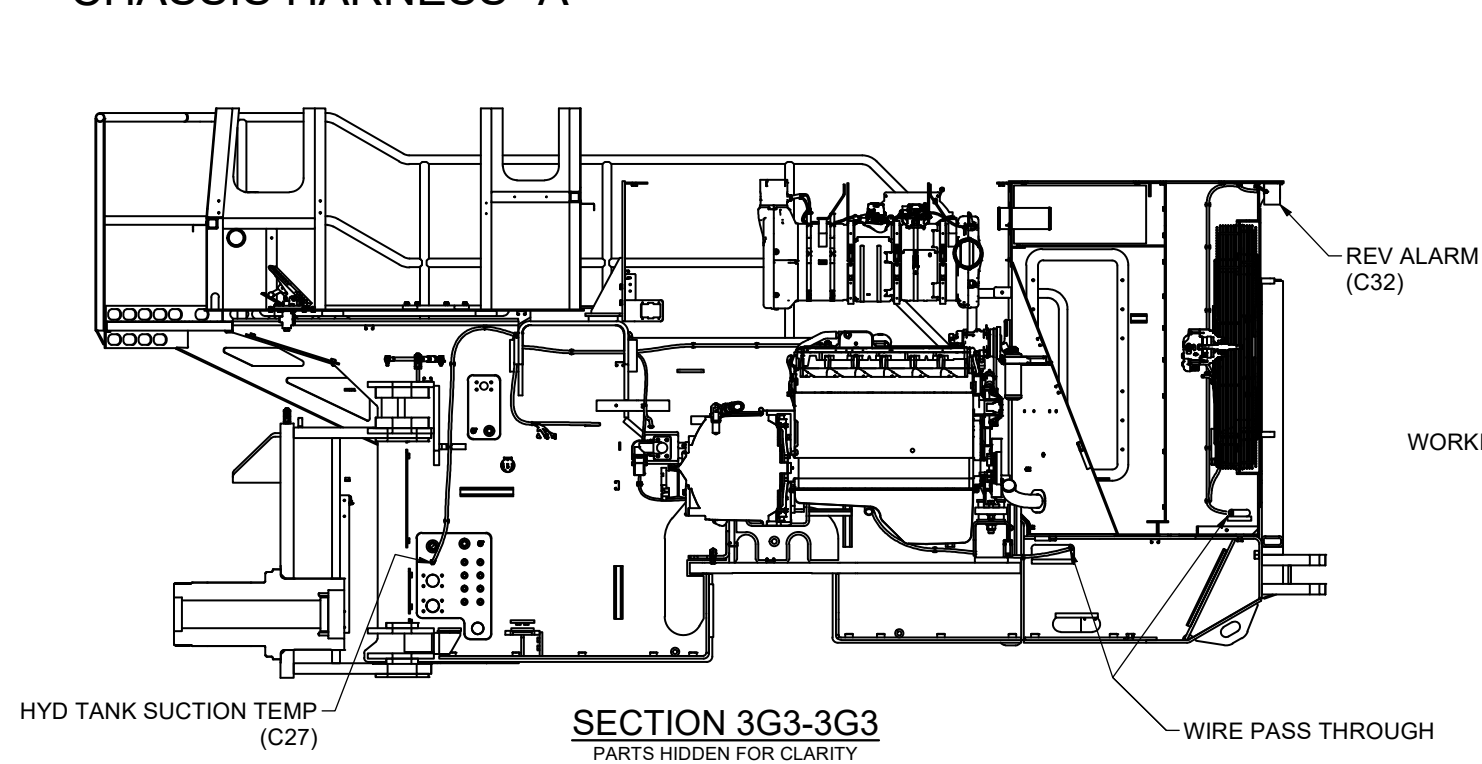


SECTION 2AR1-2AR1
VIEW CROPPED FOR CLARITY
HYD OIL LEVEL SENDER

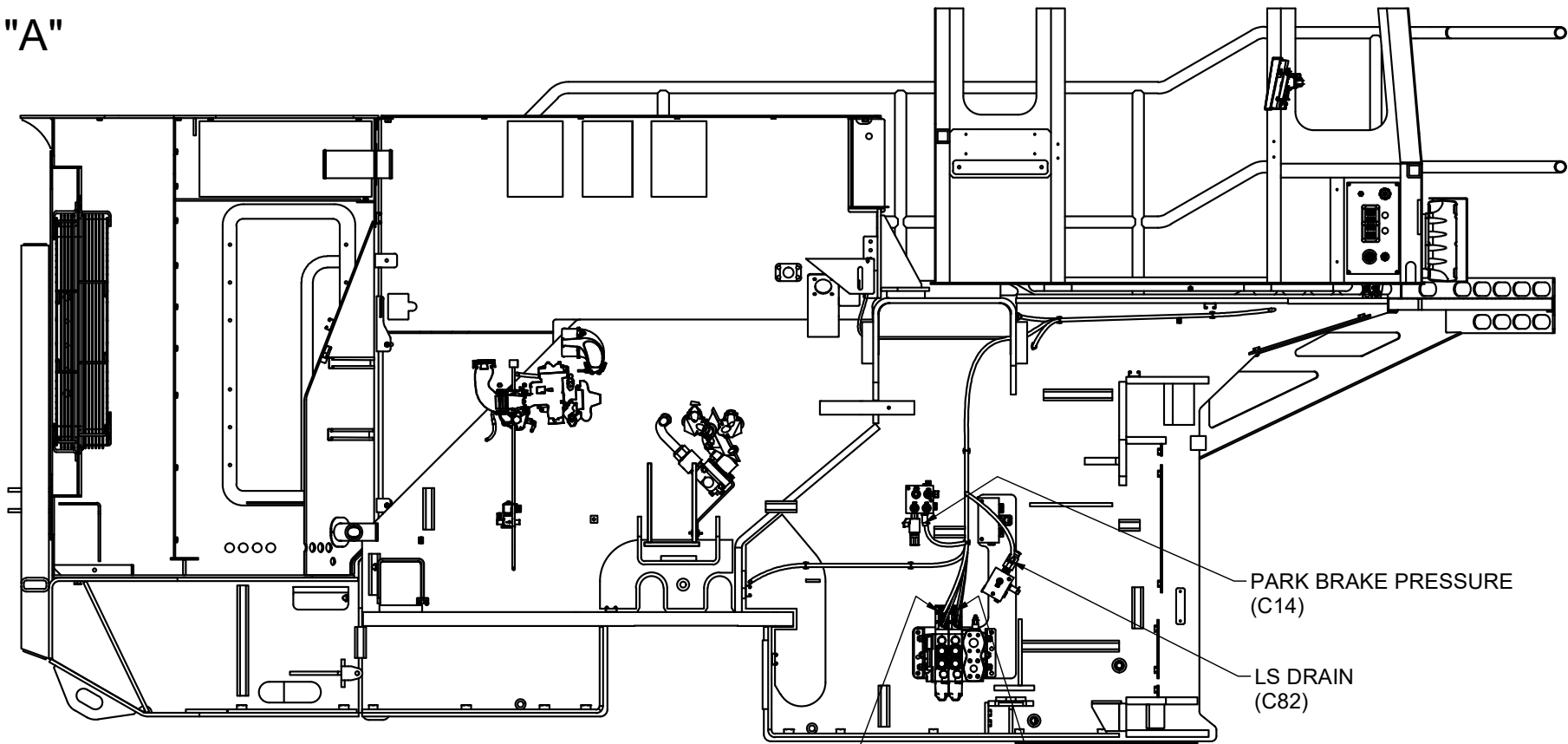
CONNECTIONS:
RED - POWER
GRN/BLK - SEND
BLUE - GROUND

CONNECTIONS:
RED - POWER
WHITE - SEND
BLUE - GROUND

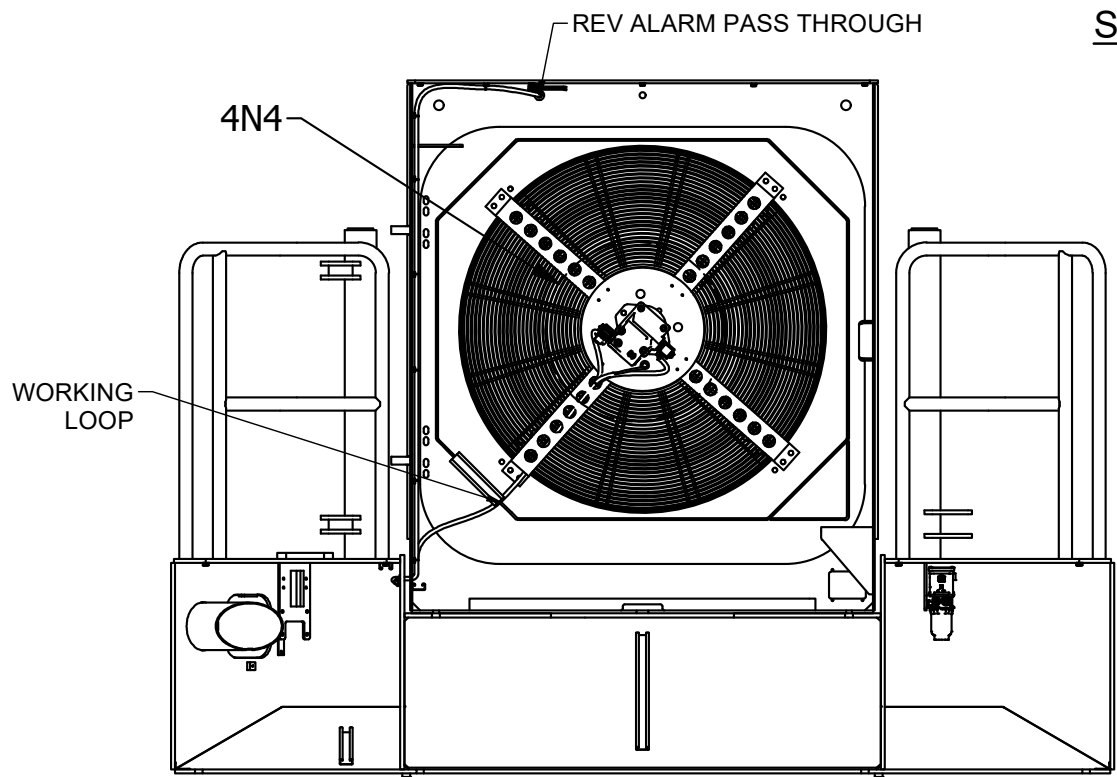
CHASSIS HARNESS "A"



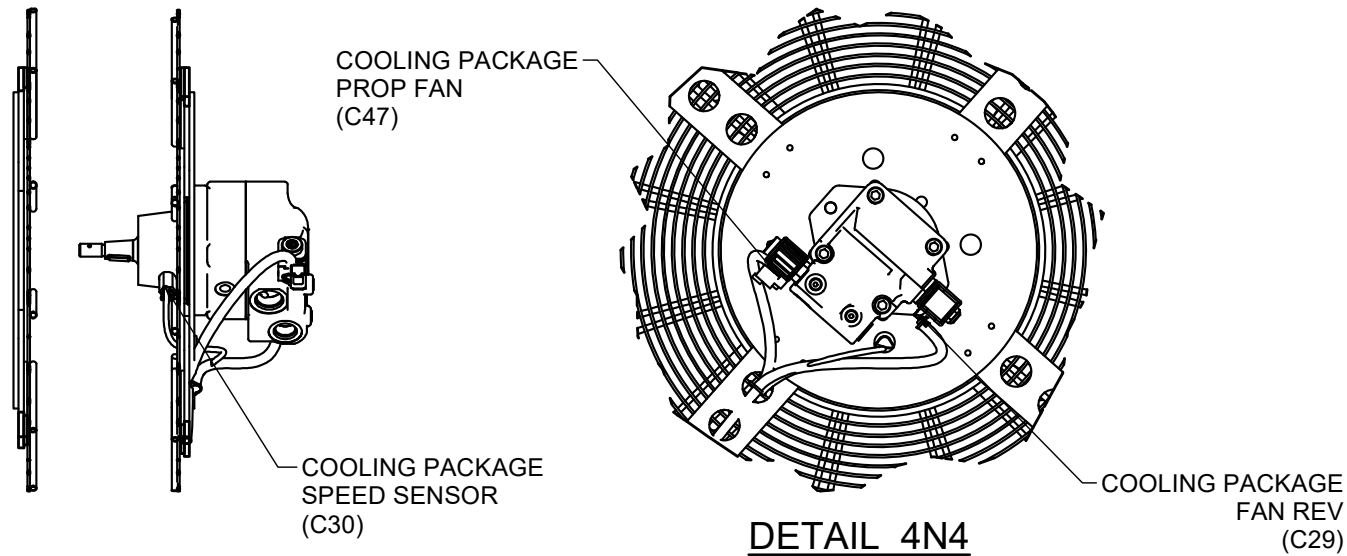
CHASSIS HARNESS "A"



SECTION 4L3-4L3

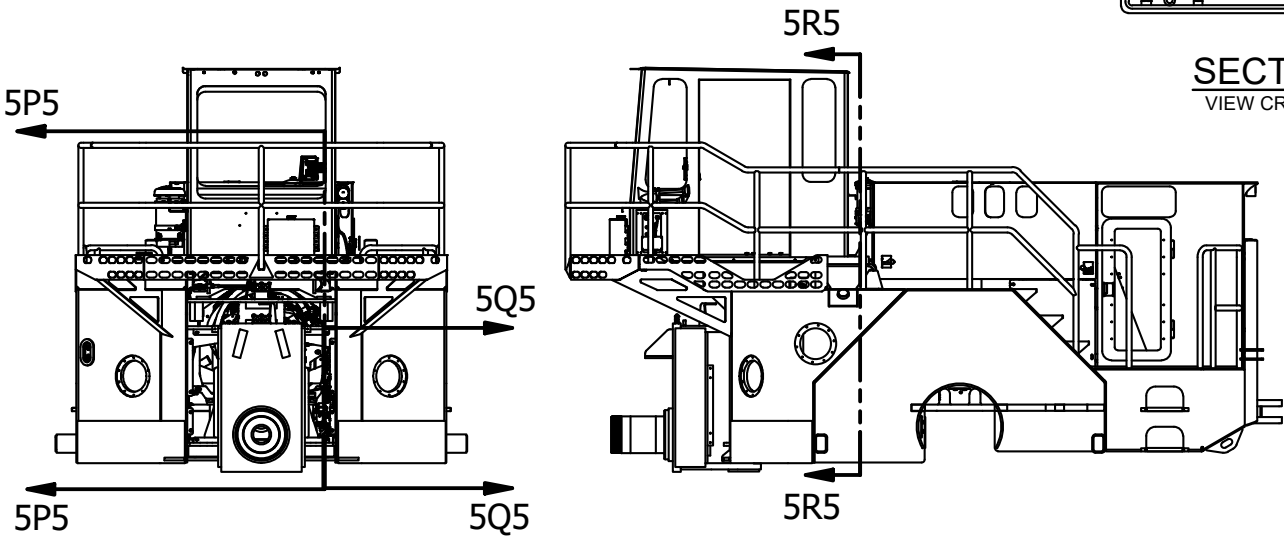
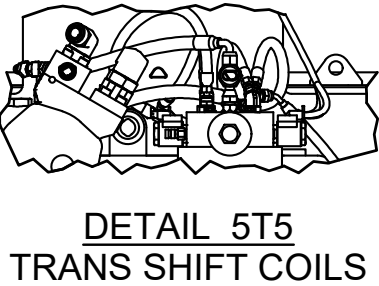
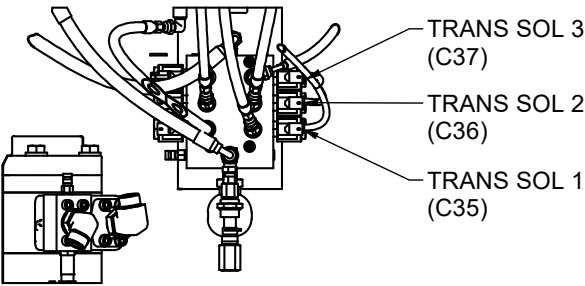
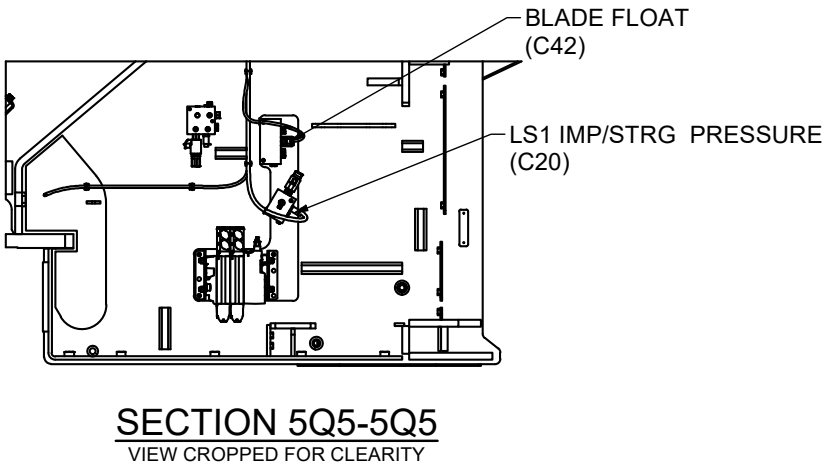
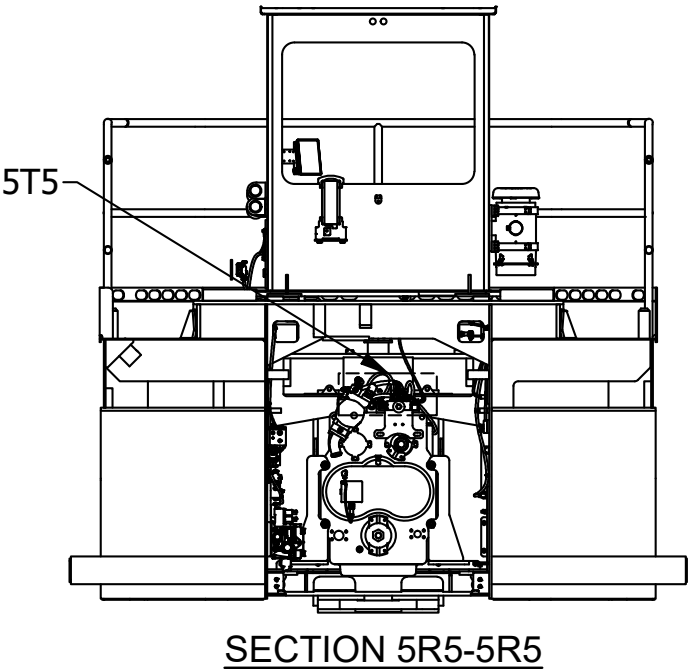
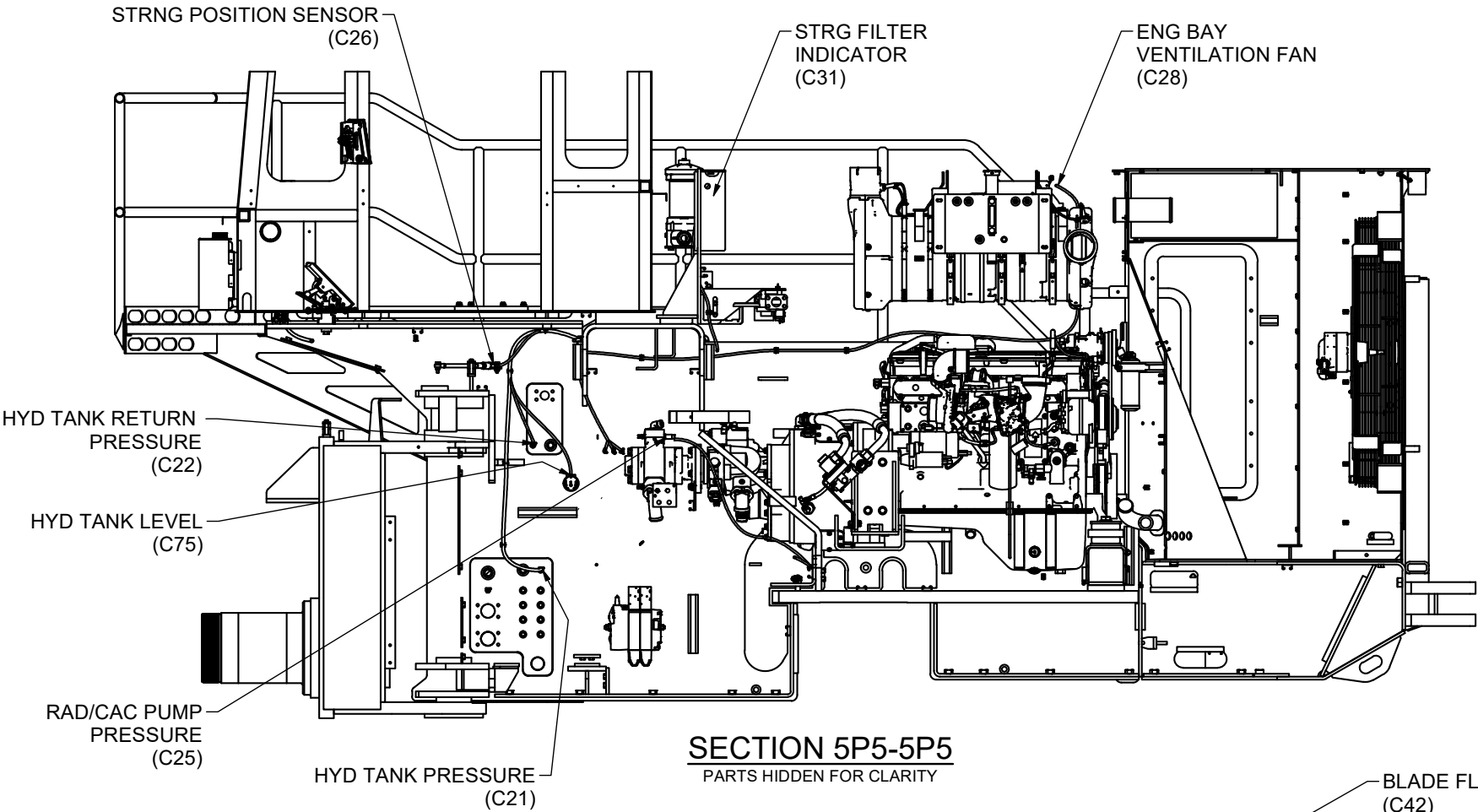


SECTION 4M3-4M3
COOLING BOX

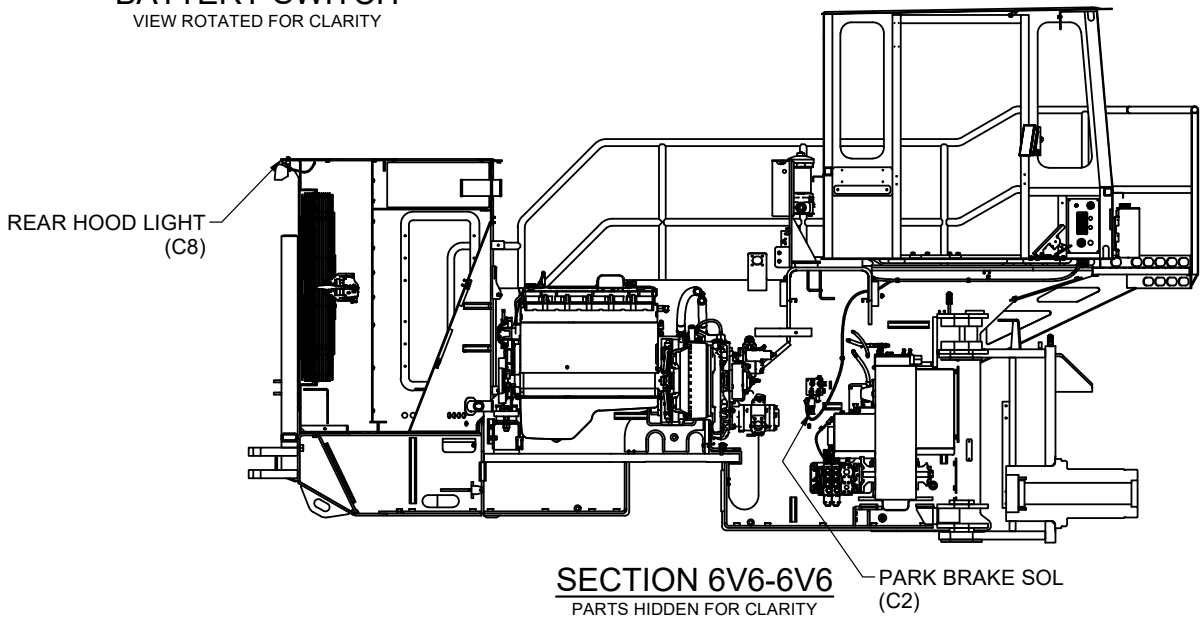
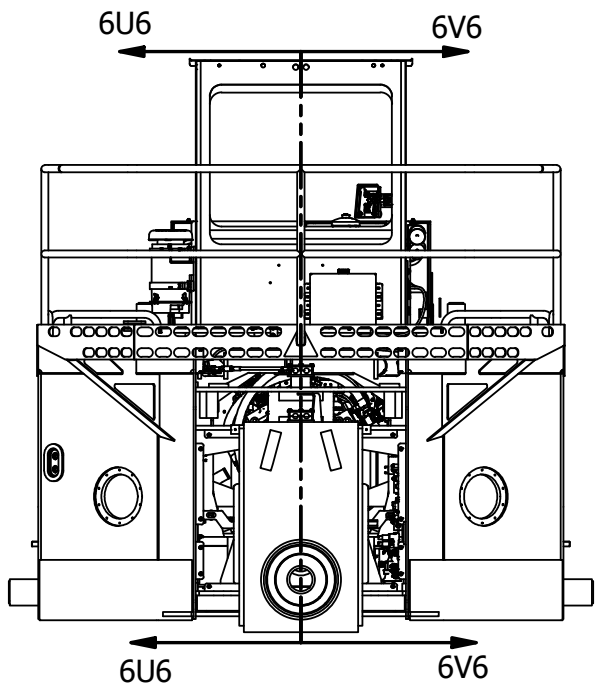
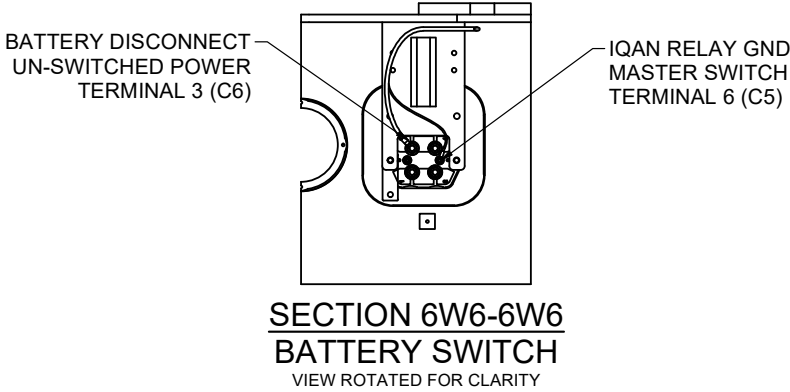
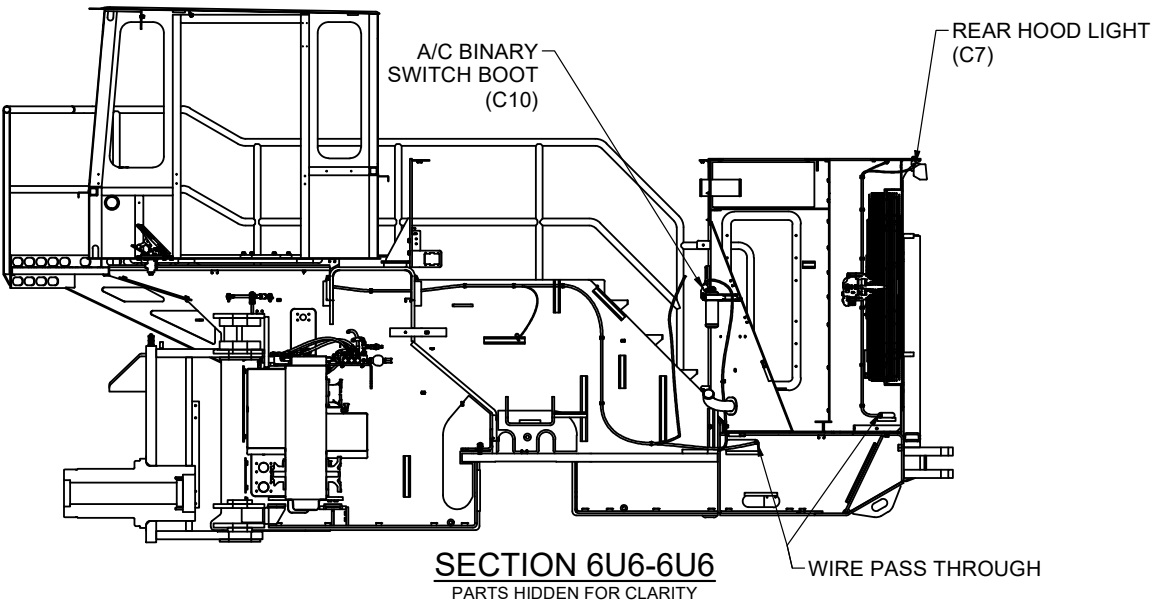
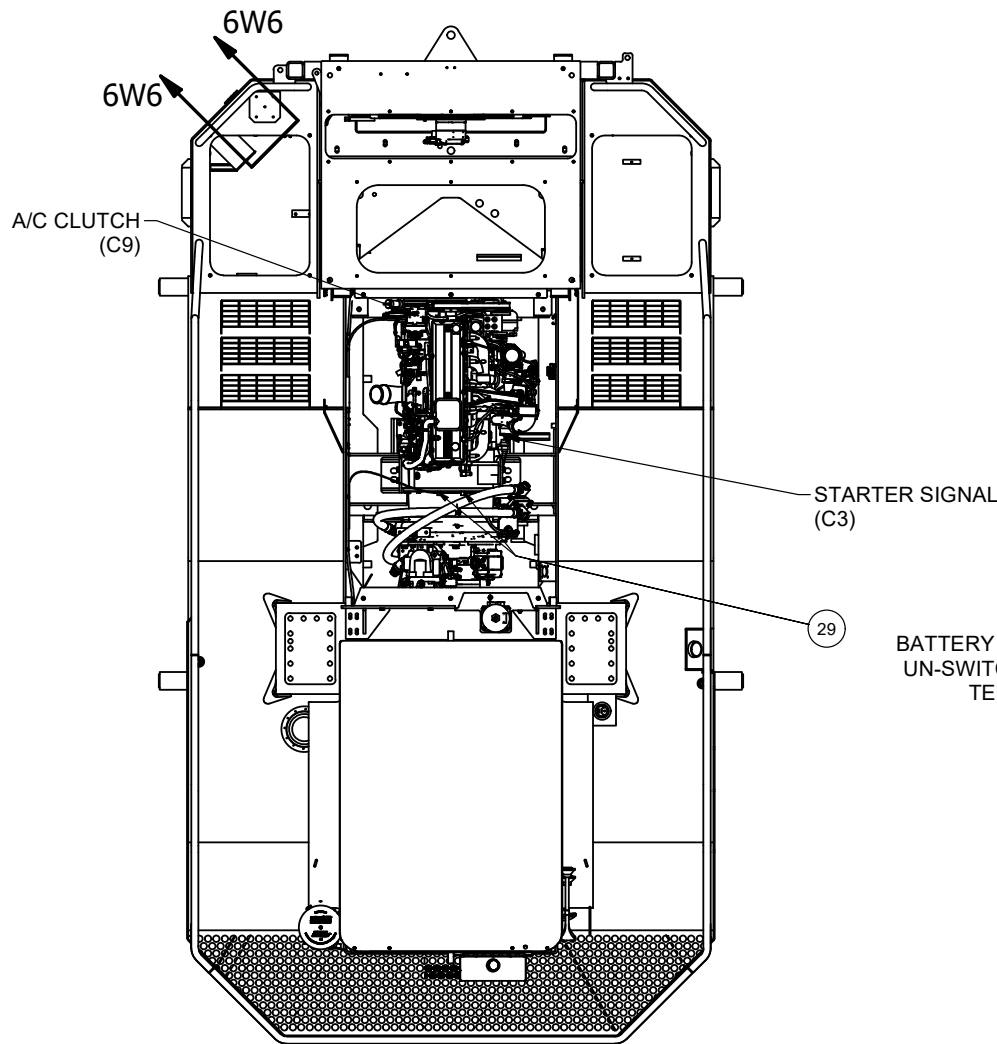


DETAIL 4N4
FAN CONNECTIONS

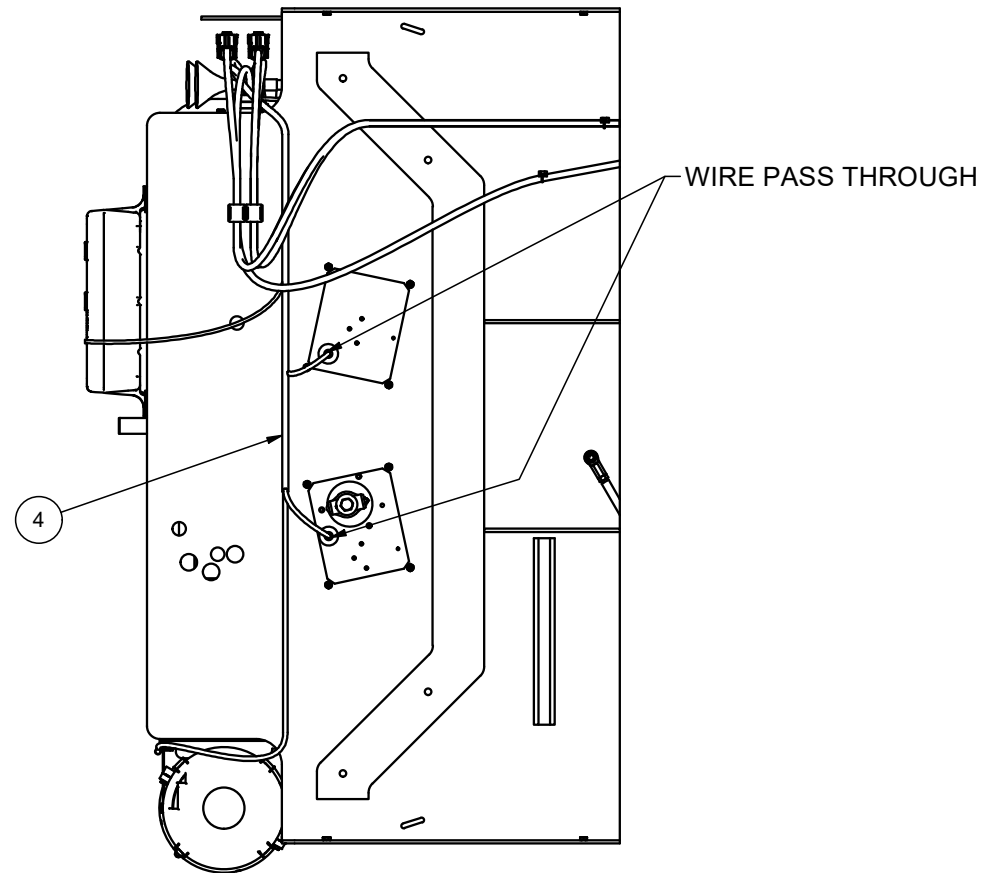
CHASSIS HARNESS "B"



CHASSIS HARNESS "C"



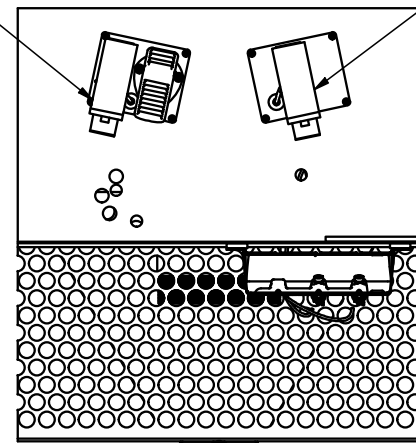
CHASSIS HARNESS "D"



SECTION 7AA7-7AA7
PARTS HIDDEN FOR CLARITY

THROTTLE PEDAL
(C5)

DECEL THROTTLE PEDAL
(C6)

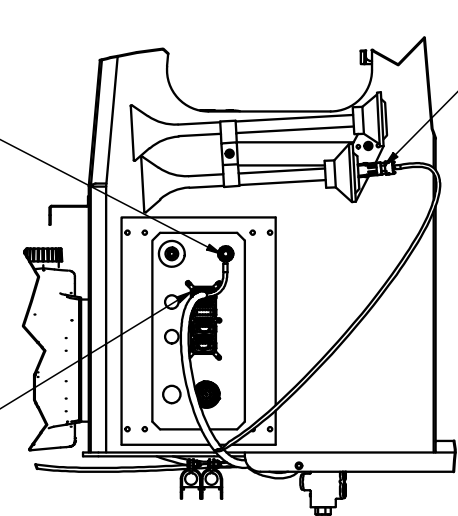


SECTION 7Z7-7Z7
THROTTLE PEDALS
VIEW CROPPED FOR CLARITY

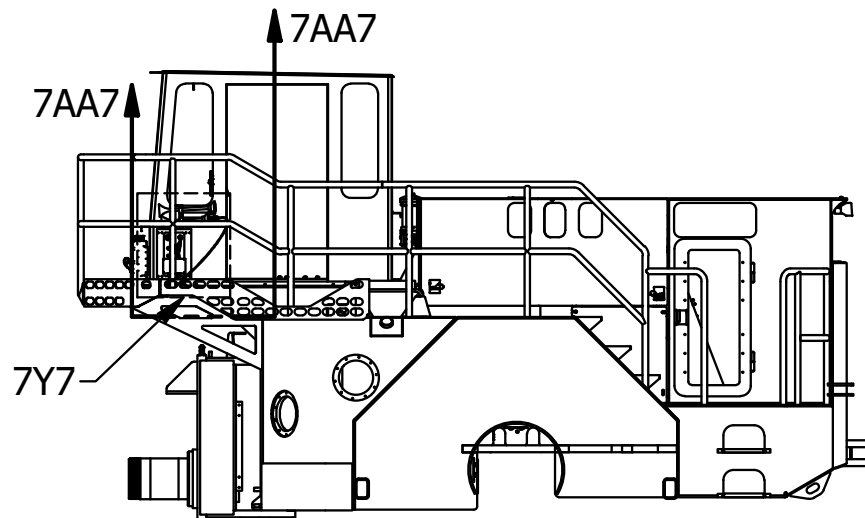
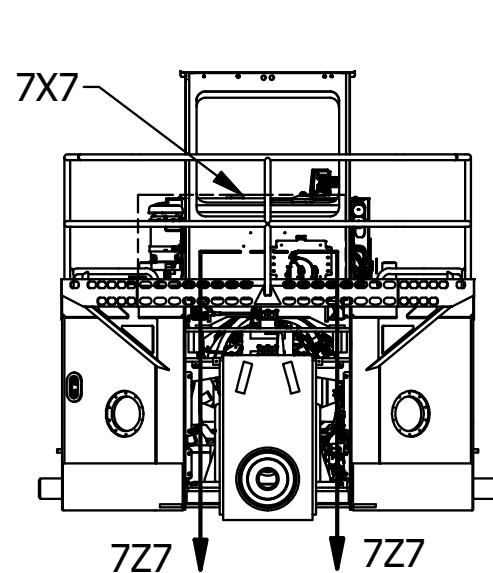
GROUND STUD

HORN
(C88)

HARNESS "D"
CONNECTION

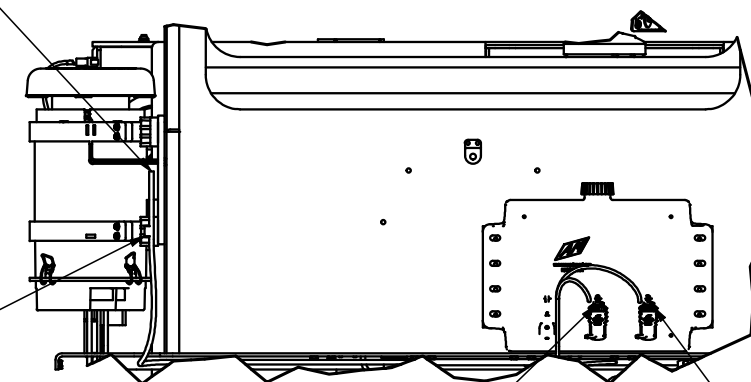


DETAIL 7Y7
HORN CONNECTION
PARTS HIDDEN FOR CLARITY



CAB AIR
PRESSURIZER
(C48)

15

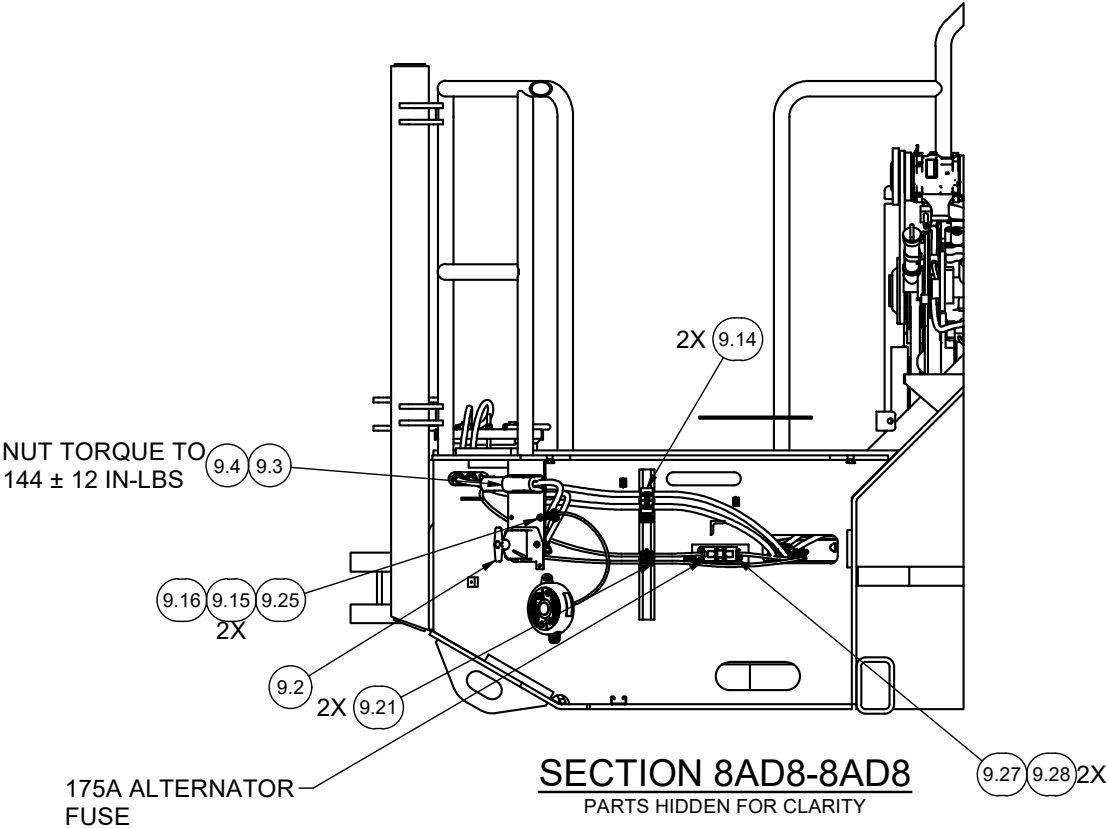
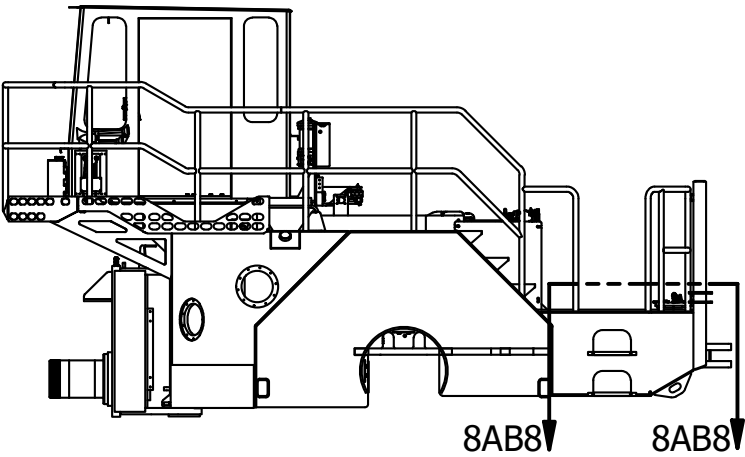
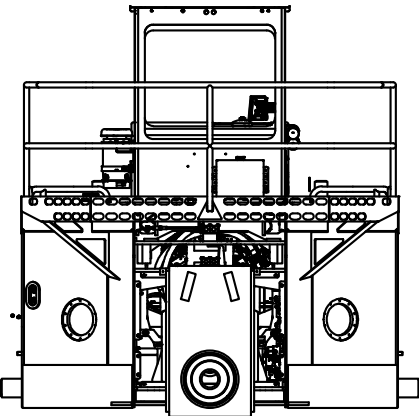
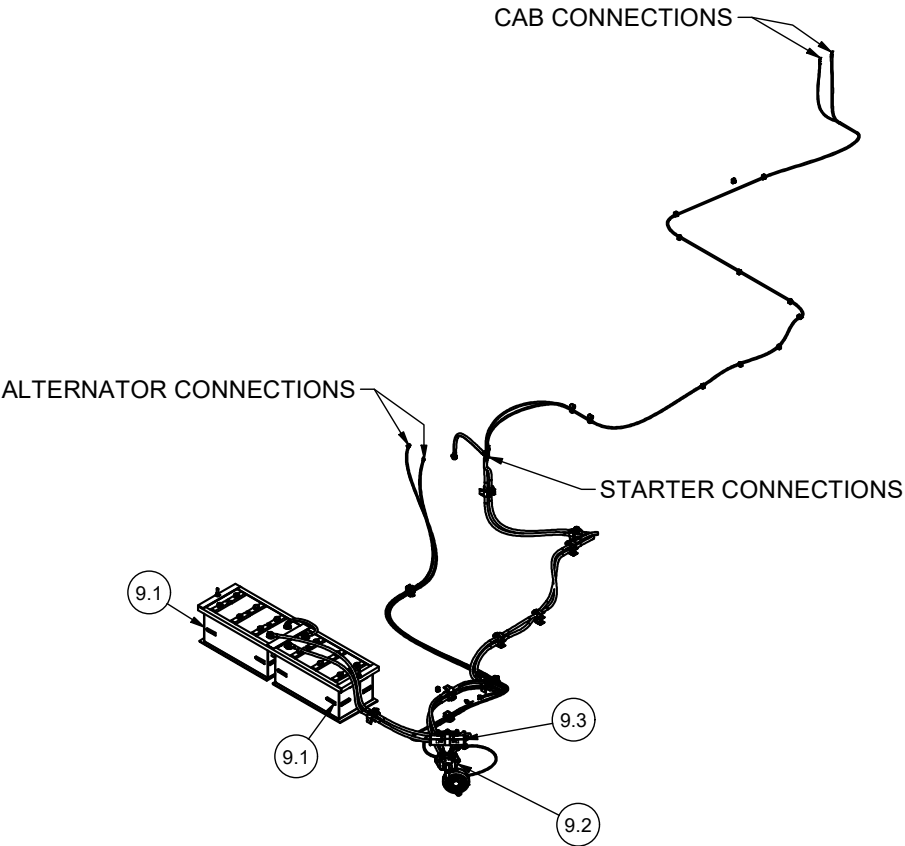
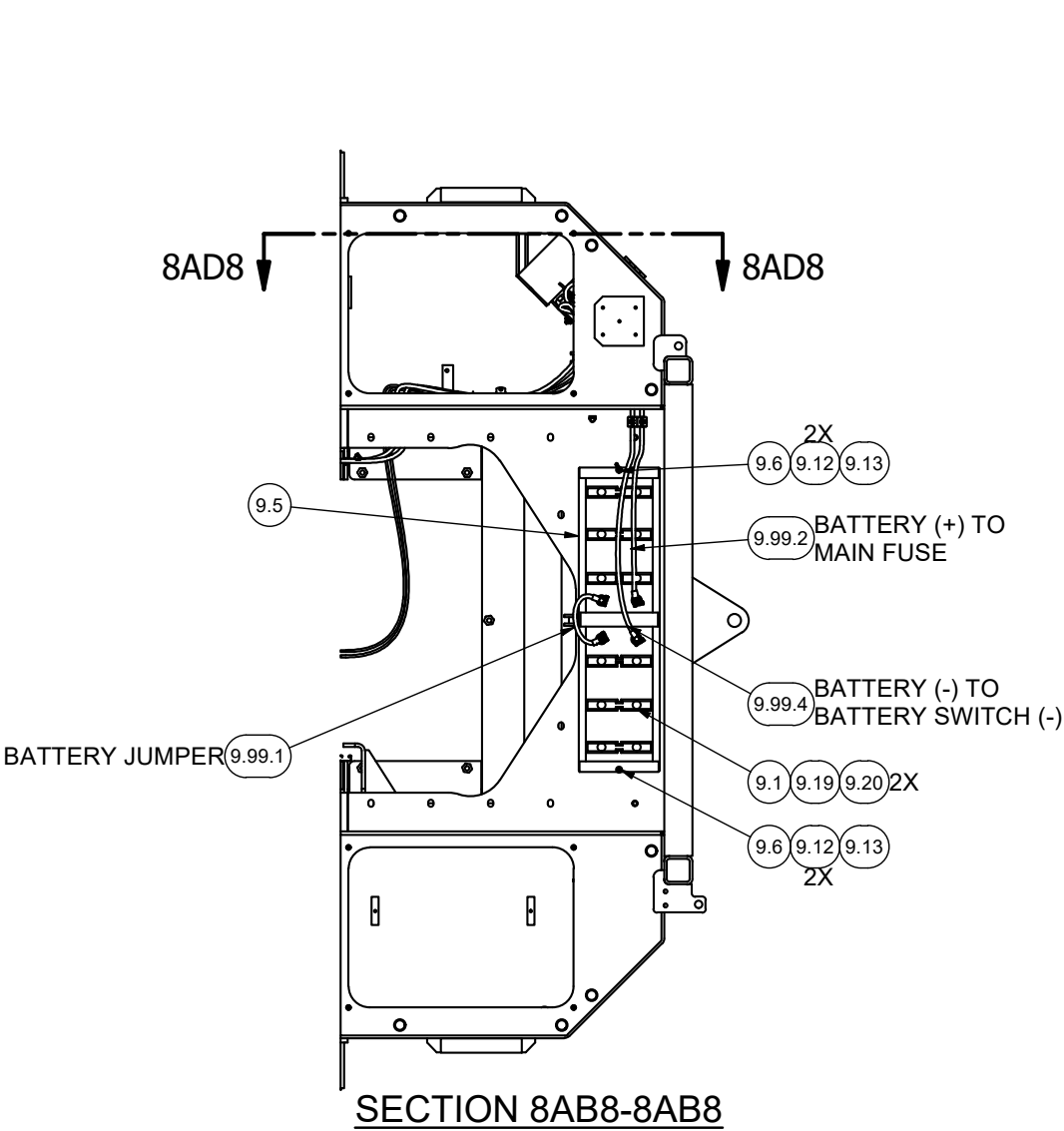
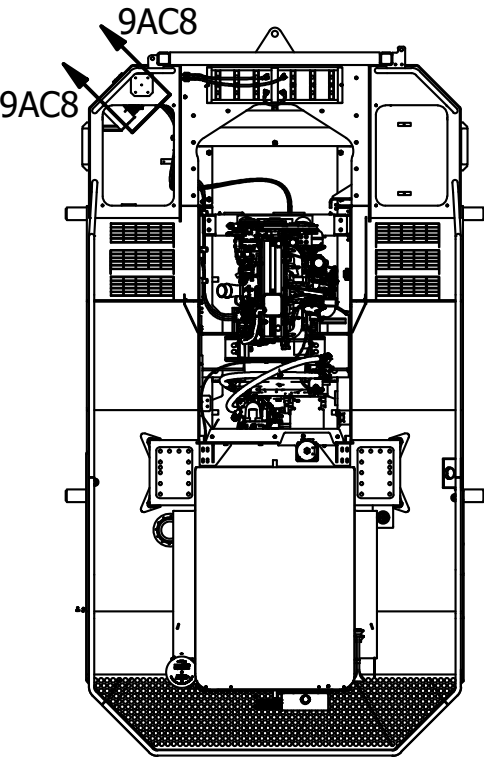


REAR WASHER
FLUID PUMP
(C65)

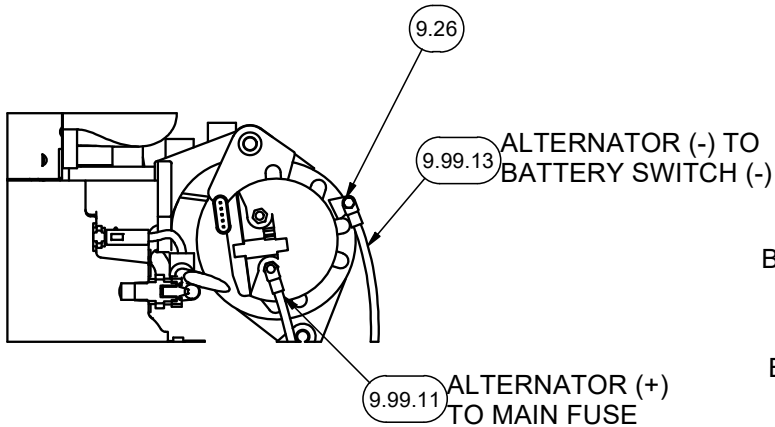
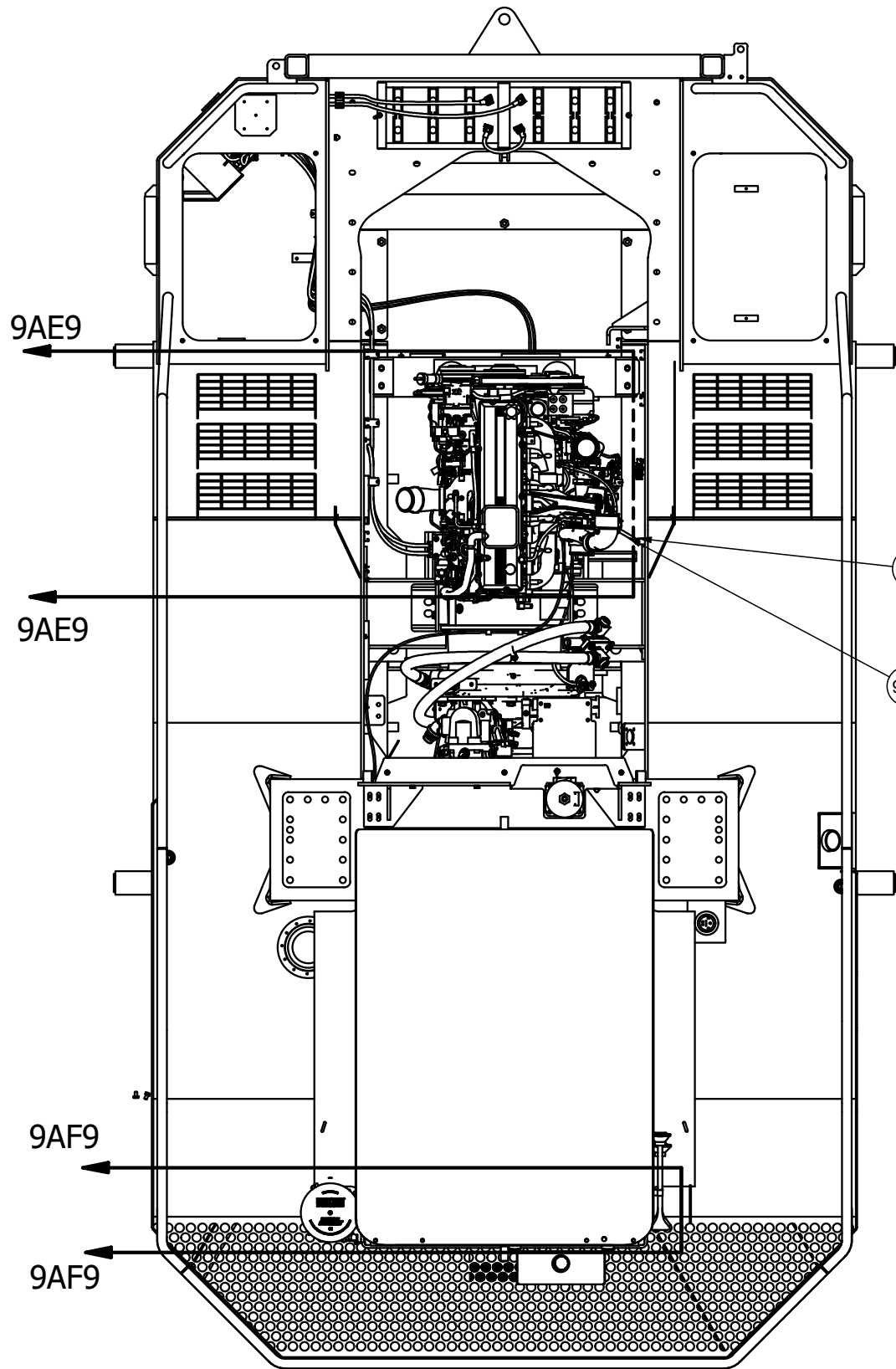
FRONT WASHER
FLUID PUMP
(C64)

DETAIL 7X7
WASHER FLUID & CAB PRESSURIZER
PARTS HIDDEN FOR CLARITY

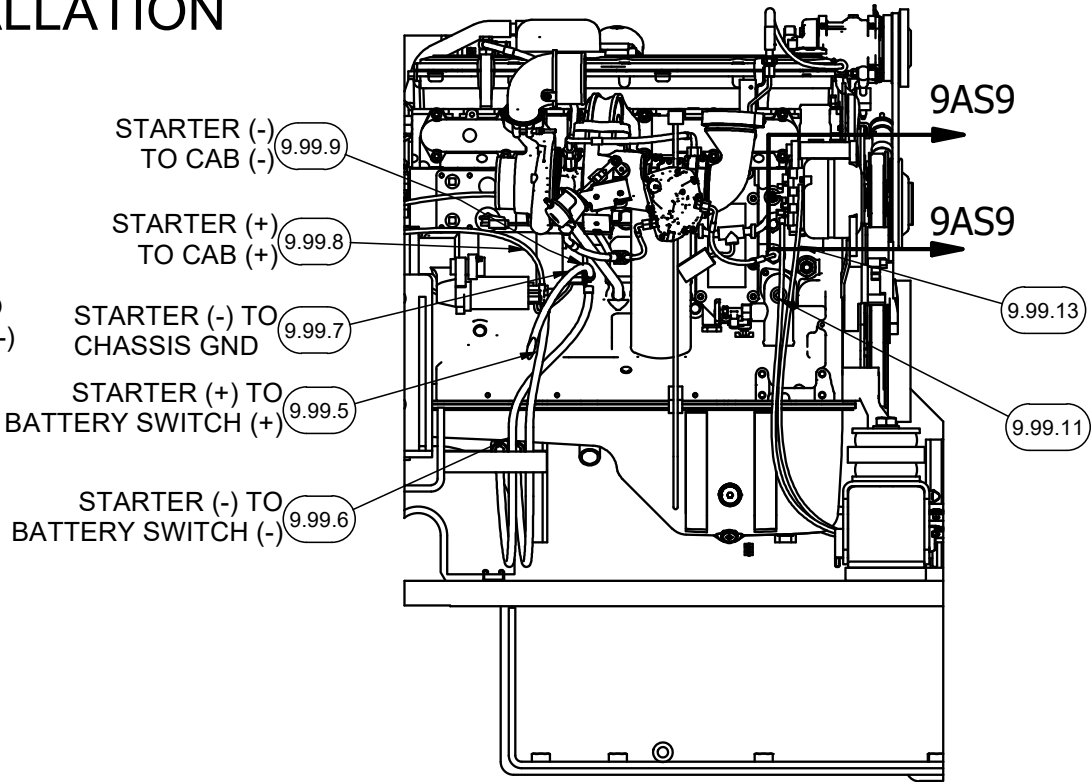
CUMMINS BATTERY HARNESS INSTALLATION



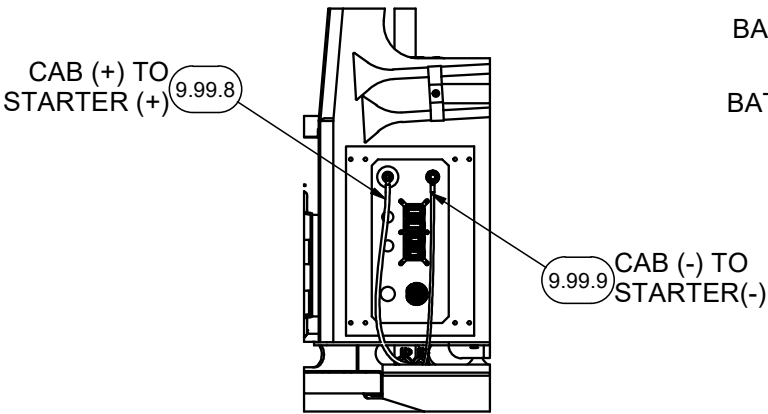
CUMMINS BATTERY HARNESS INSTALLATION



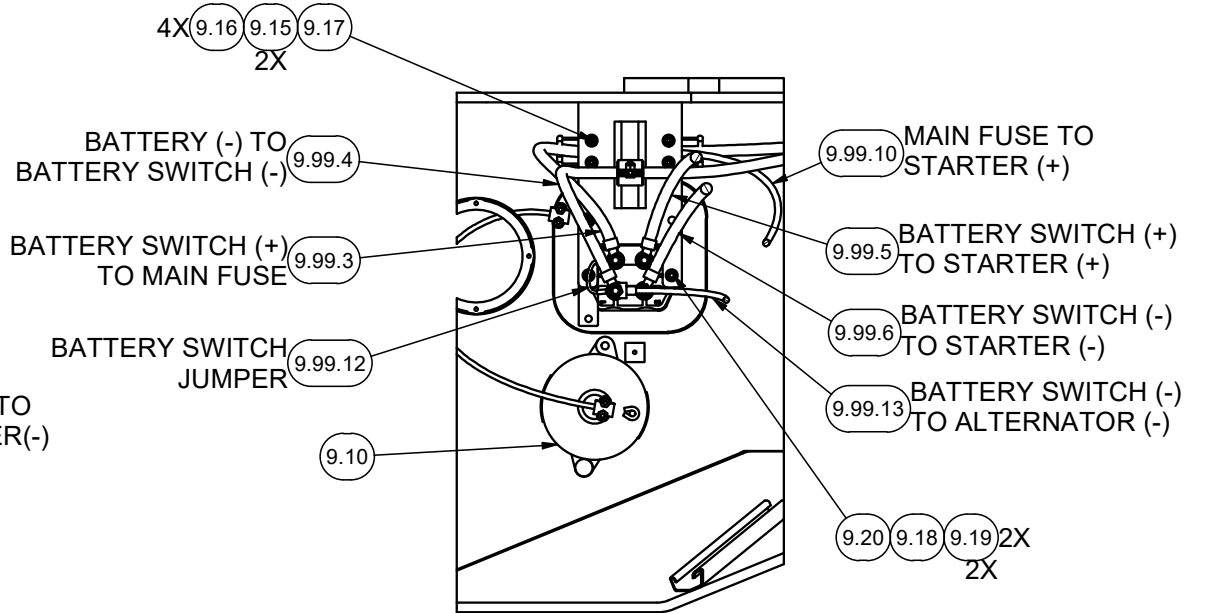
SECTION 9AS9-9AS9



SECTION 9AE9-9AE9
STARTER & ALTERNATOR CONNECTIONS
VIEW ROTATED FOR CLARITY

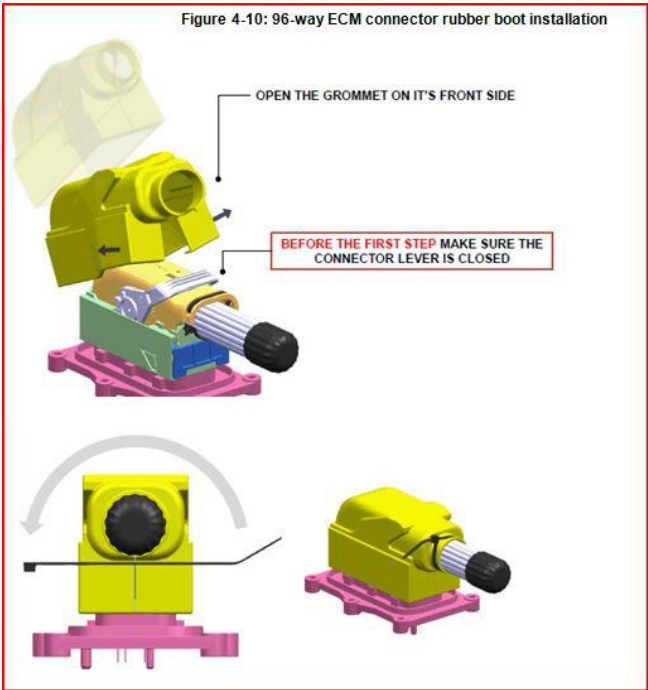
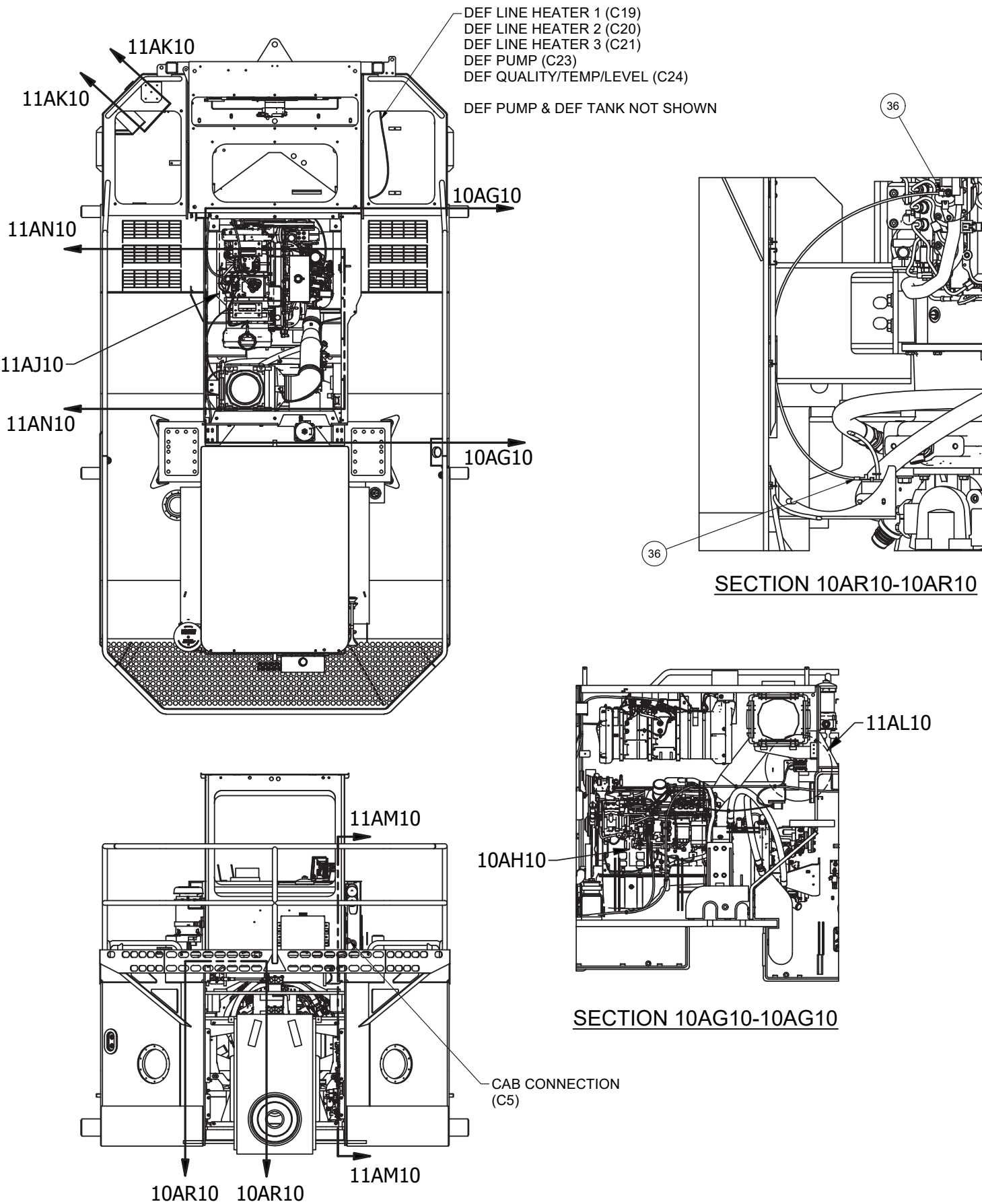


SECTION 9AF9-9AF9
CAB CONNECTIONS
VIEW CROPPED AND ROTATED FOR CLARITY

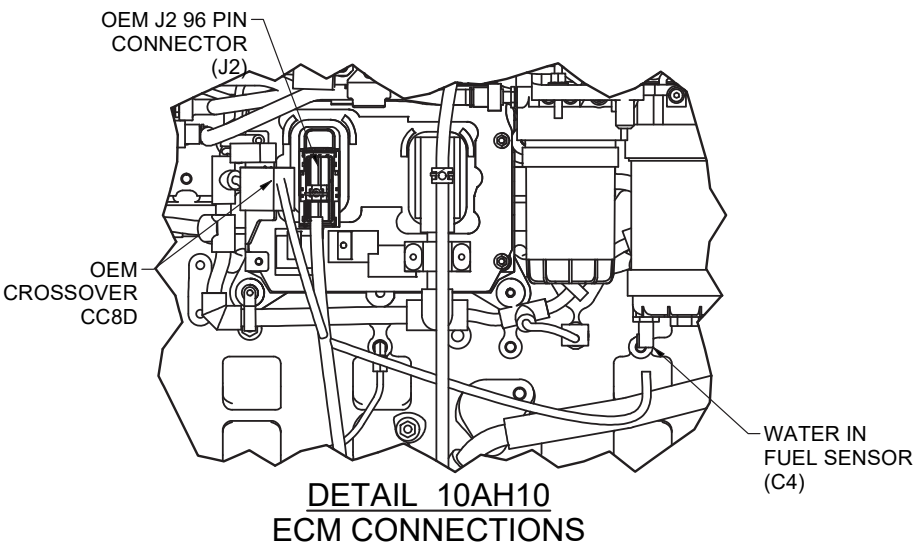


SECTION 9AC8-9AC8
BATTERY SWITCH
VIEW ROTATED FOR CLARITY

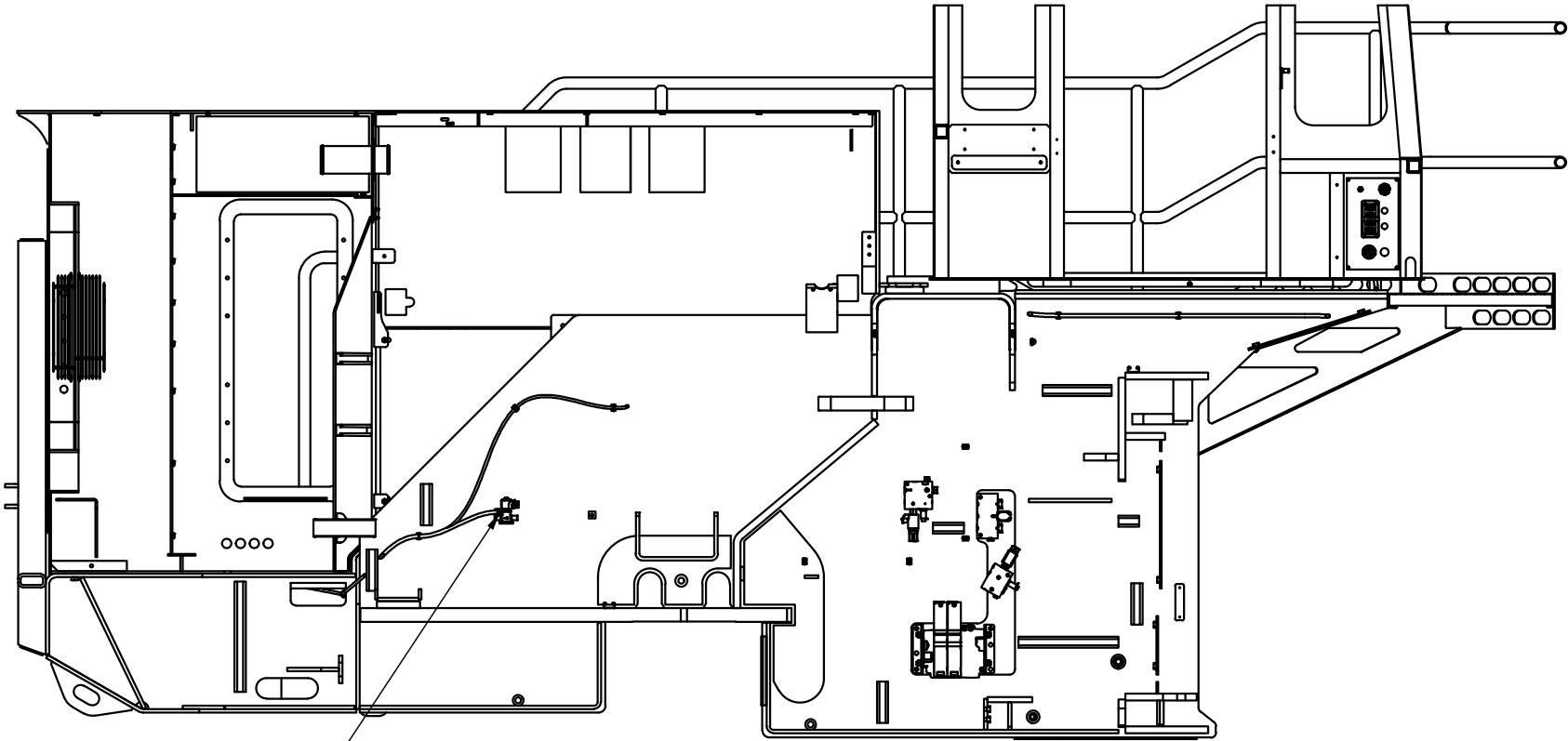
CUMMINS ENGINE HARNESS INSTALLATION



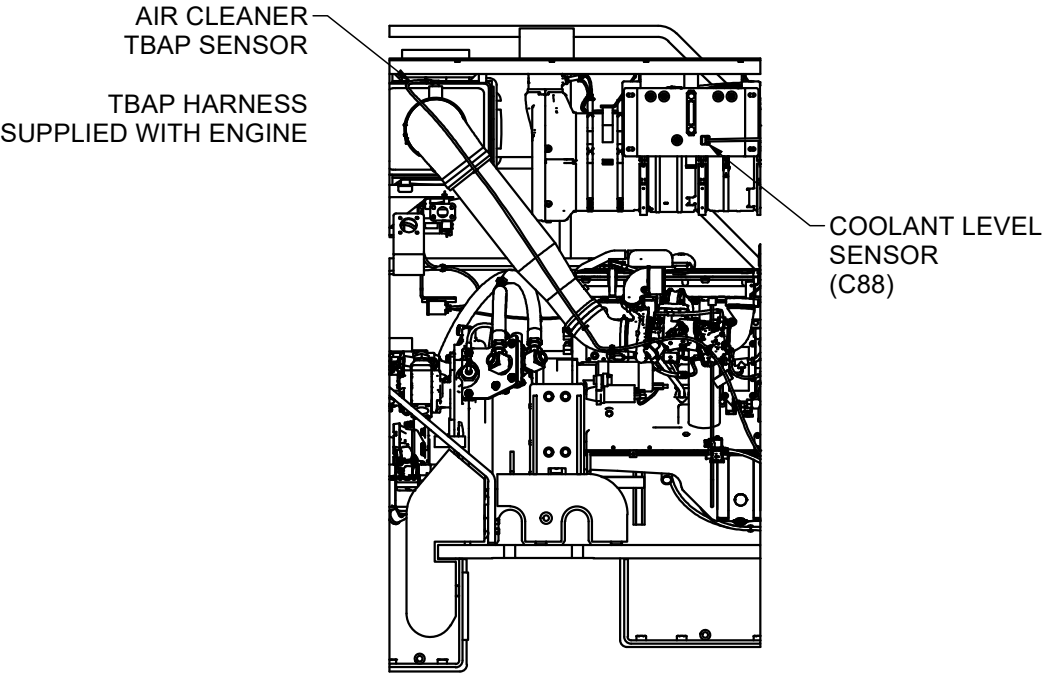
ECM BOOT INSTALL



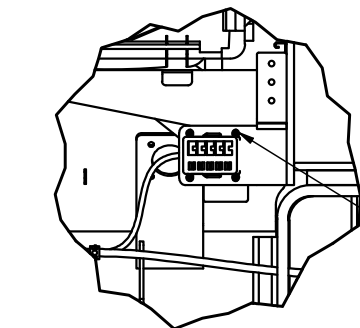
CUMMINS ENGINE HARNESS INSTALLATION



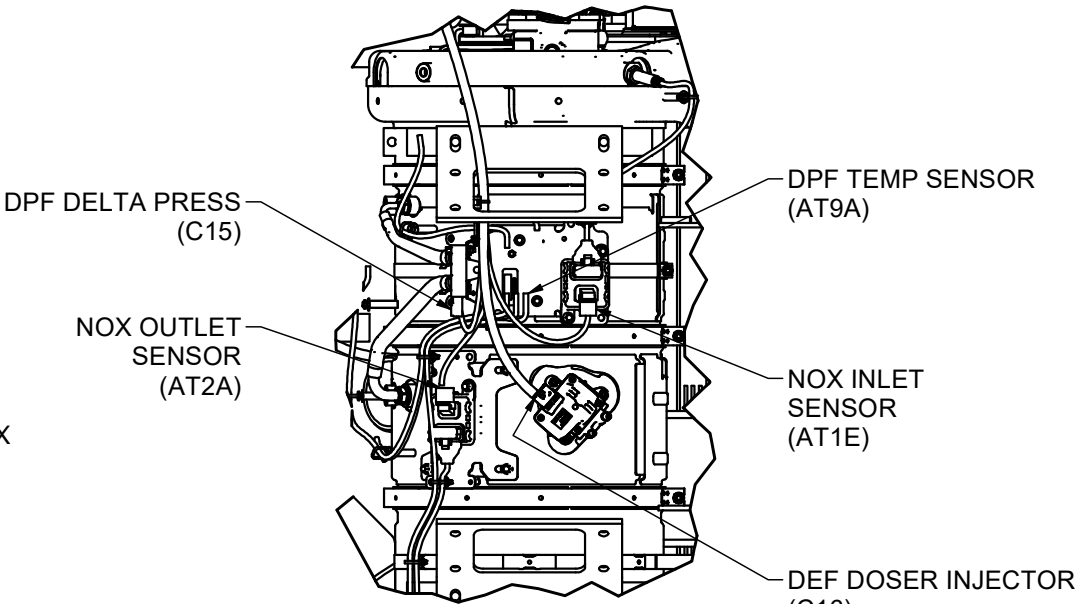
SECTION 11AM10-11AM10



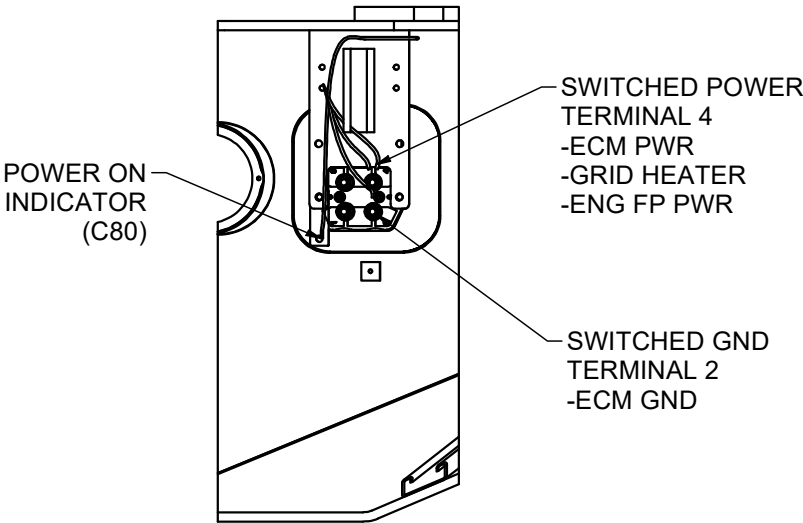
SECTION 11AN10-11AN10



DETAIL 11AL10
ENG FUSE PANEL

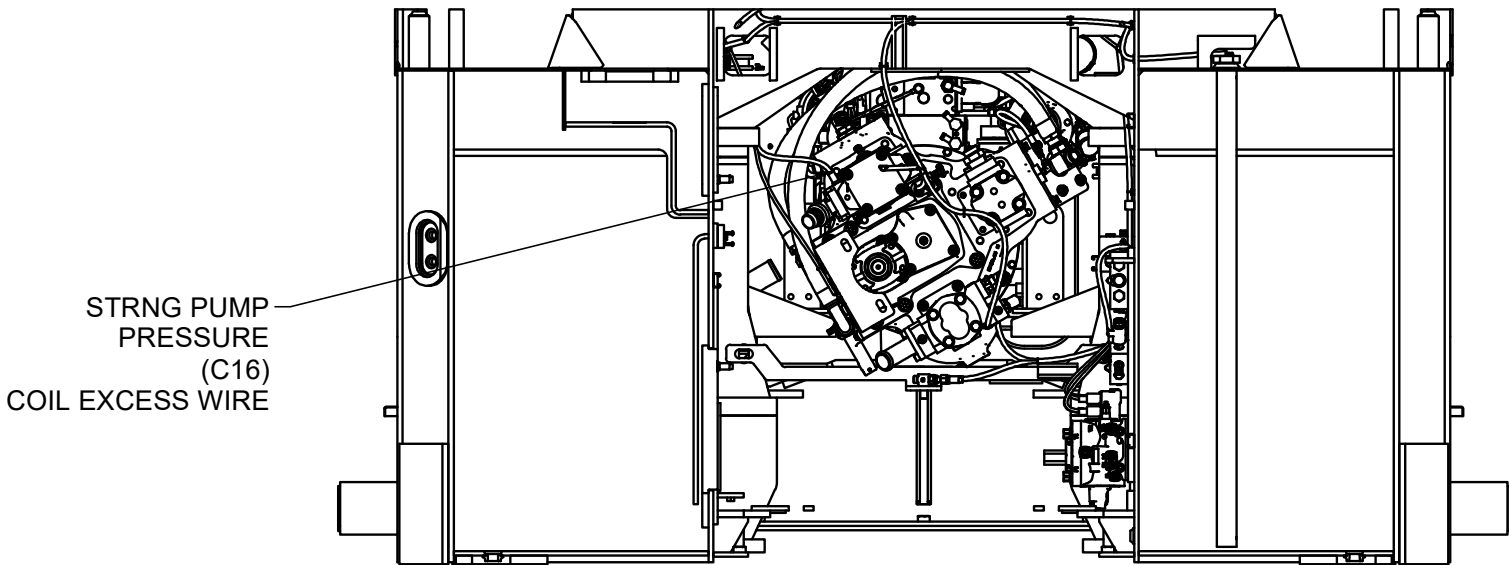


DETAIL 11AJ10
AFTER TREATMENT

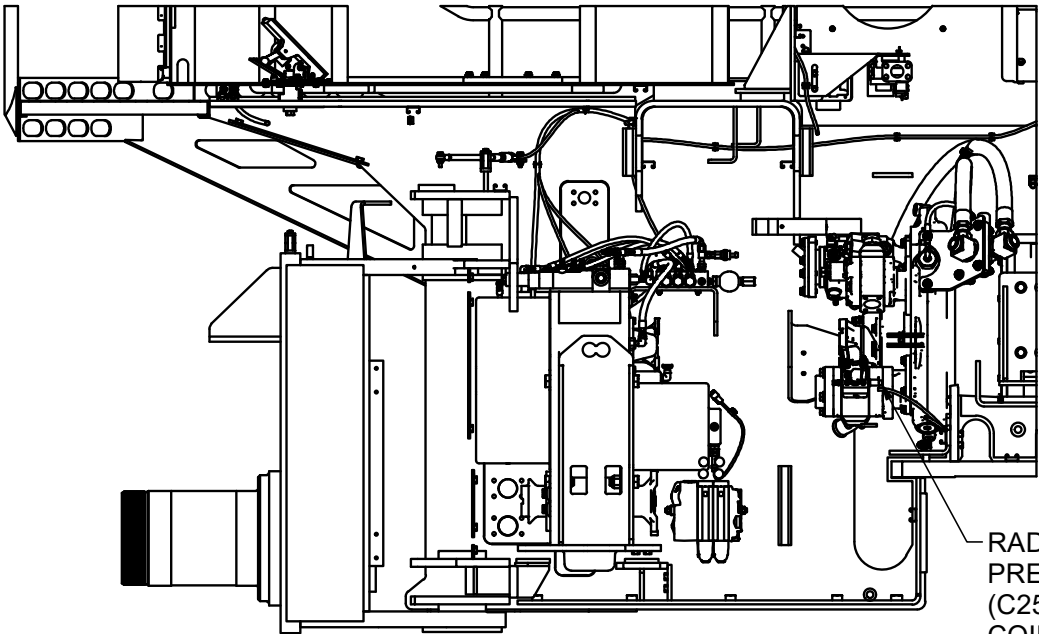


SECTION 11AK10-11AK10
BATTERY DISCONNECT SWITCH
VIEW ROTATED FOR CLARITY

9000 SERIES CONVERTOR



SECTION 12AP12-12AP12
HARNESS "A"
STRNG PUMP
PARTS HIDDEN FOR CLARITY



SECTION 12AQ12-12AQ12
HARNESS "B"
RAD/CAC PUMP
VIEW CROPPED FOR CLARITY

