

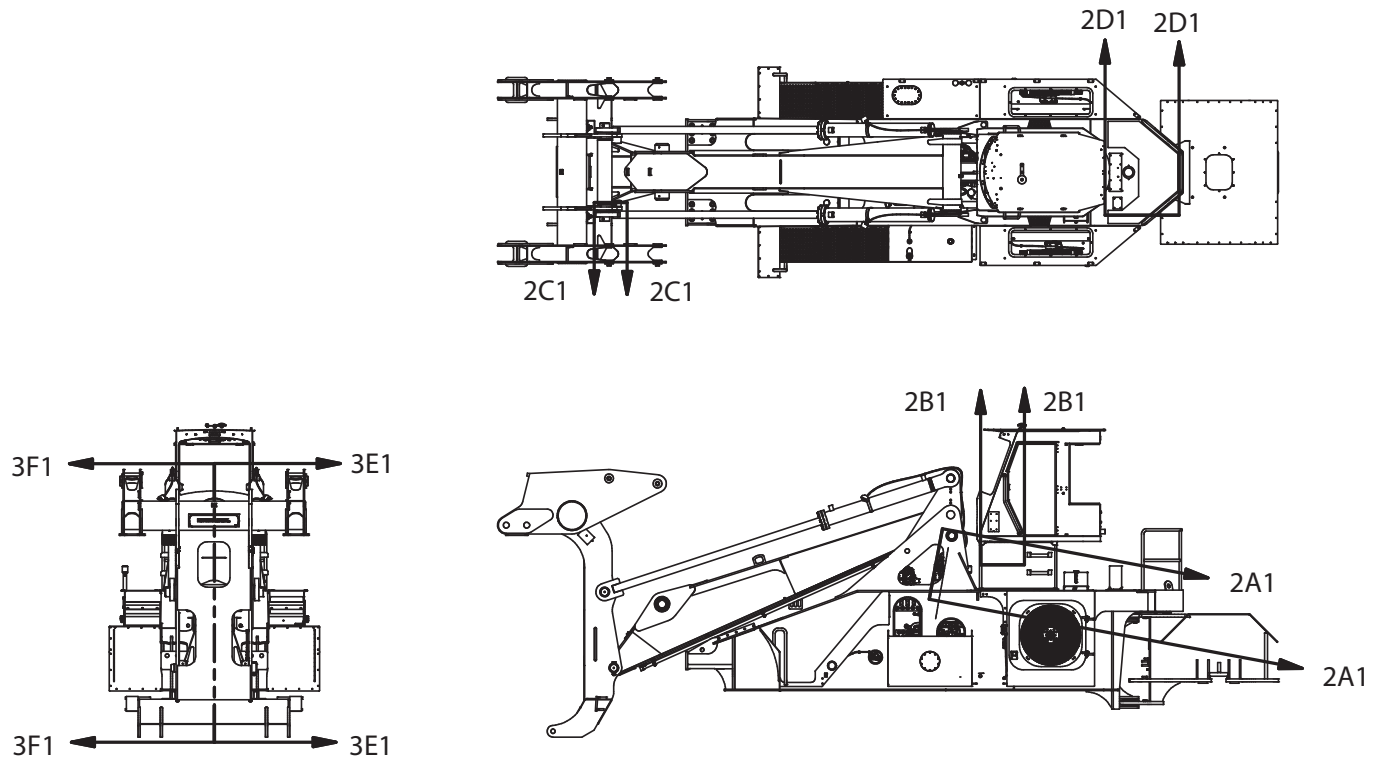
Electrical System - Cummins

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Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
597667 Electrical System - Cummins							
1.1	254837	2	. Module, Expansion	1.11.15 *	585189	1	. . Battery Lockout Installation
1.2	79603	1	. Module, Expansion	1.11.16	221763W	1	. . Washer
1.3	598867	1	. Wire Harness, "A"	1.11.17	R13810993	1	. . Capscrew
1.4	598868	1	. Wire Harness, "B"	1.11.20	598910	1	. . Battery Harness
	237172	1	. . Resistor, 1K Ohm	1.11.20.01	593607	1	. . . Fuse, Midi/Ami, 125A
	2509736	1	. . Fuse, 5Amp	1.11.20.02	593606	1	. . . Holder, Inline Fuse
	594743	1	. . Capacitor, 3 Pin	1.11.20.03	NSS	-	. . . Battery Cable "A"
1.5	598869	1	. Wire Harness, Stair Lights	1.11.20.04	NSS	-	. . . Battery Cable "B"
1.6	598870	1	. Wire Harness, RH XA2	1.11.20.05	NSS	-	. . . Battery Cable "C"
	241893	1	. . Resistor, 18K Ohm	1.11.20.06	NSS	-	. . . Battery Cable "D"
	597769	1	. . Resistor, 125 Ohm, 5 Watt	1.11.20.07	NSS	-	. . . Battery Cable "E"
1.7	598871	1	. Wire Harness, XC23	1.11.20.08	NSS	-	. . . Battery Cable "F"
	237172	3	. . Resistor, 1K Ohm	1.11.20.09	NSS	-	. . . Battery Cable "G"
1.8	598872	1	. Wire Harness, LH XA2	1.11.20.10	NSS	-	. . . Battery Cable "H"
	241893	1	. . Resistor, 18K Ohm	1.11.20.11	NSS	-	. . . Battery Cable "J"
	600615	1	. . Relay, Mini Iso	1.11.20.12	NSS	-	. . . Battery Cable "L"
1.9 *	598877	1	. Chassis Fuse Panel	1.11.20.13	NSS	-	. . . Battery Cable "K"
1.10	598903	1	. Cummins Harness Installation	1.13	598644	3	. Linear Position Sensor
1.10.1	596607	1	. . Wire Harness, ECM		598911	1	. . Kit, Spherical Rod Ends
1.10.2	598902	1	. . Harness	1.14	906182	2	. Switch, Rocker
1.10.3	R13803059	1	. . Clip, Insulated	1.15	237578	1	. Washer
1.10.4	209700	1	. . Clamp	1.16	296417W	7	. Washer
1.10.5	296417W	1	. . Washer	1.17	292501W	2	. Capscrew
1.10.6	Y09C-M0616	1	. . Capscrew	1.18	302399W	1	. Locknut
1.11	598890	1	. Wire Harness Battery Installation	1.19	296420W	9	. Washer
1.11.1	596169	1	. . Switch	1.20	293628W	3	. Capscrew
1.11.2	200220	2	. . Battery	1.21	302401W	3	. Locknut
1.11.3	238429	10	. . Clamp	1.22	293631W	3	. Capscrew
1.11.4	221767W	4	. . Washer	1.23	595326	A/R	. Mount, Tack
1.11.5	221499W	2	. . Capscrew	1.24	249329	A/R	. Cable Tie
1.11.6	R13811191	2	. . Locknut	1.25	R13811617	4	. Capscrew
1.11.7	595326	20	. . Mount, Tack	1.26	WCT0000187	2	. Washer
1.11.8	249329	20	. . Cable Tie	1.27	65290	2	. Machine Screw
1.11.9	221703W	1	. . Hex Nut	1.28	18423W	4	. Washer
1.11.10	231252	6	. . Clamp, Hydra-Zorb	1.29	00109451	4	. Machine Screw
1.11.11	R13808094	1	. . Clip, Insulated	1.30	73969	2	. Cable Tie
1.11.12	R13802914	4	. . Washer	1.31	593903	1	. Nut, Channel
1.11.13	R13811190	2	. . Locknut				
1.11.14	R13811015	2	. . Capscrew				

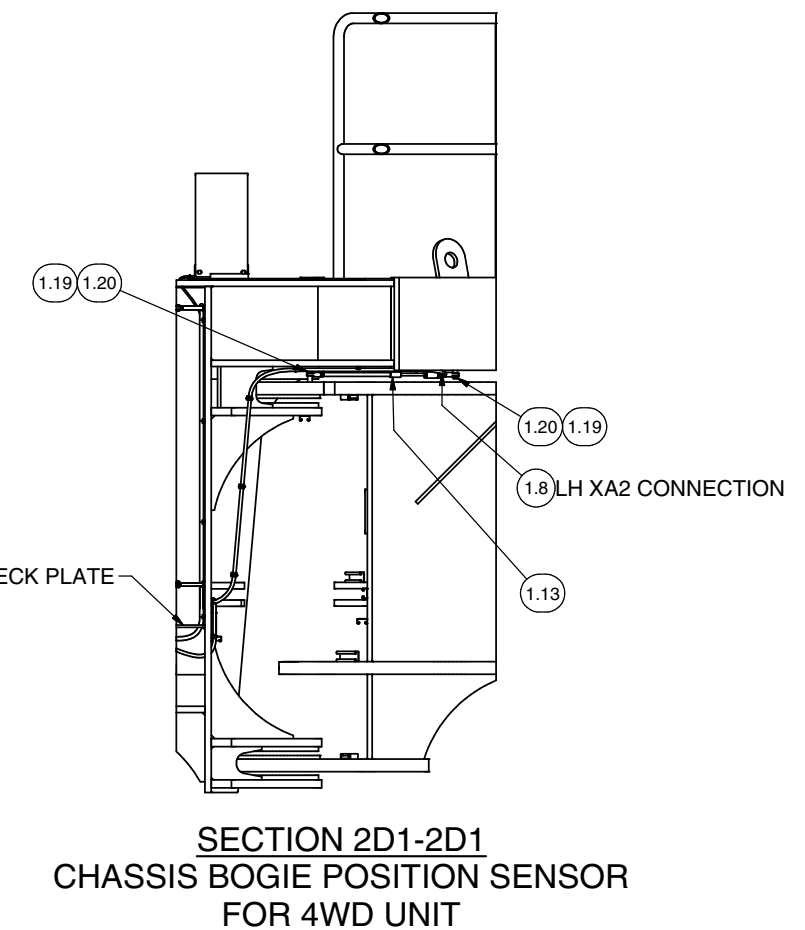
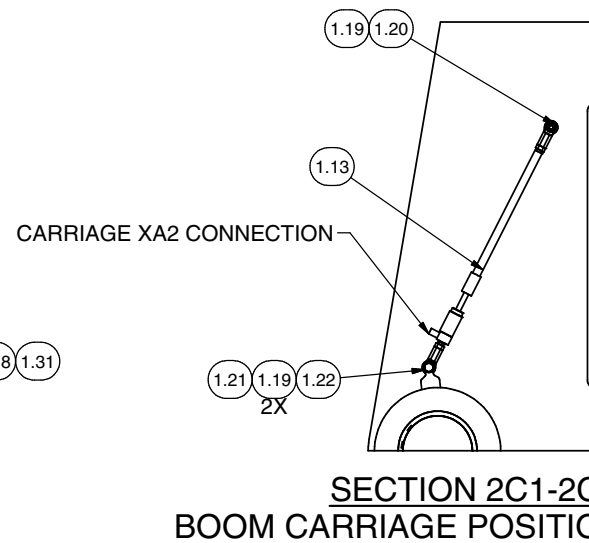
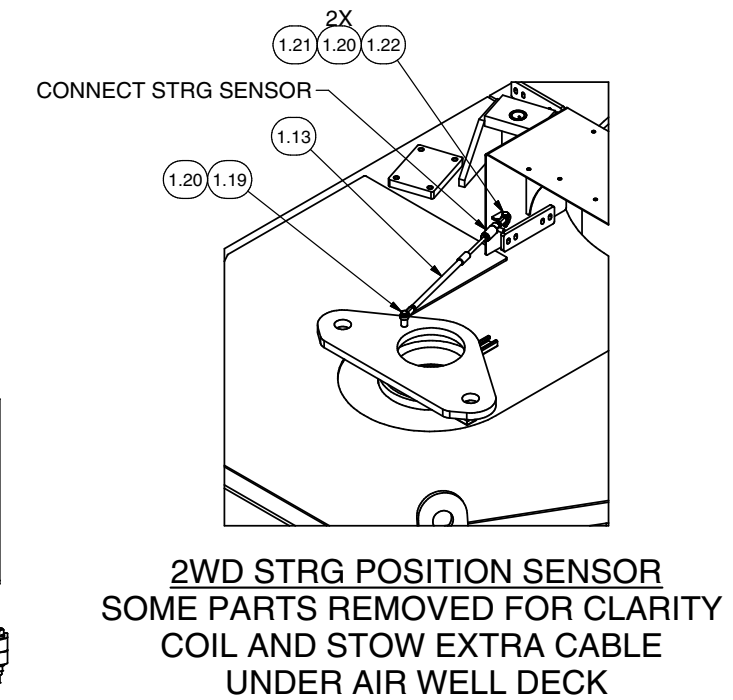
* See Separate Coverage
NSS Not Sold Separately

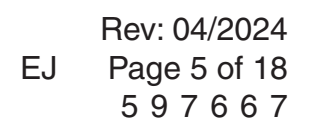
Electrical System - Cummins



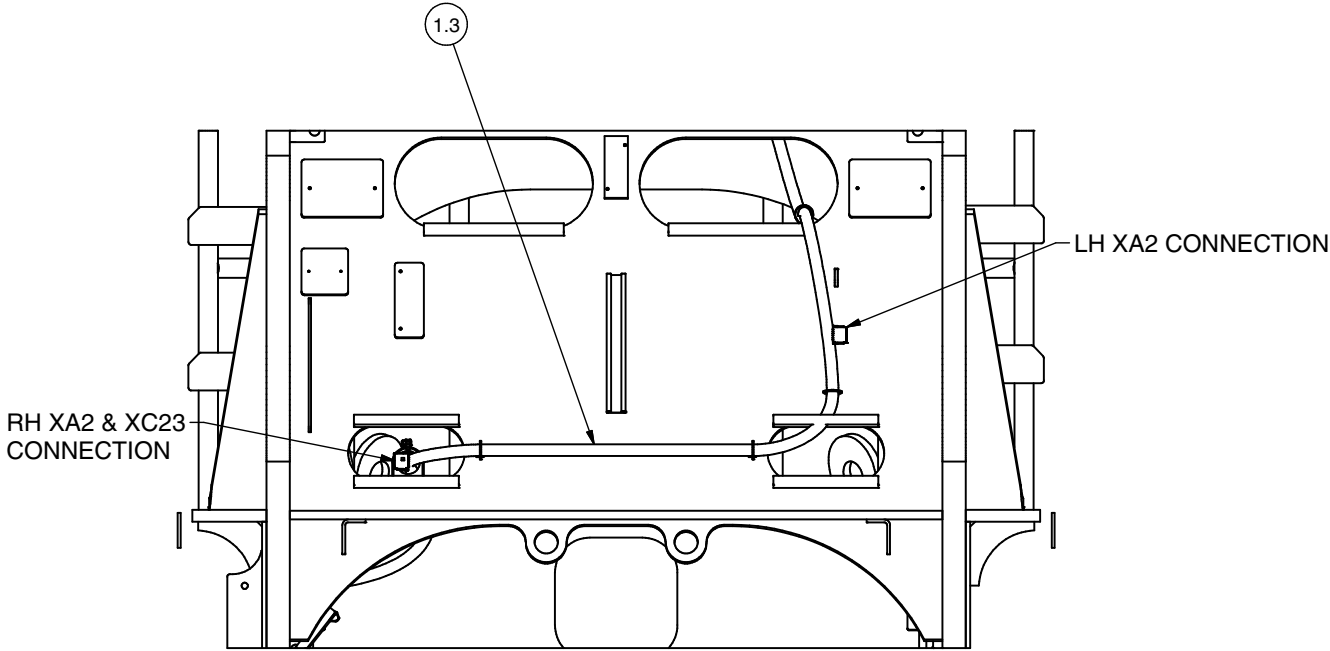
NOTES:

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.

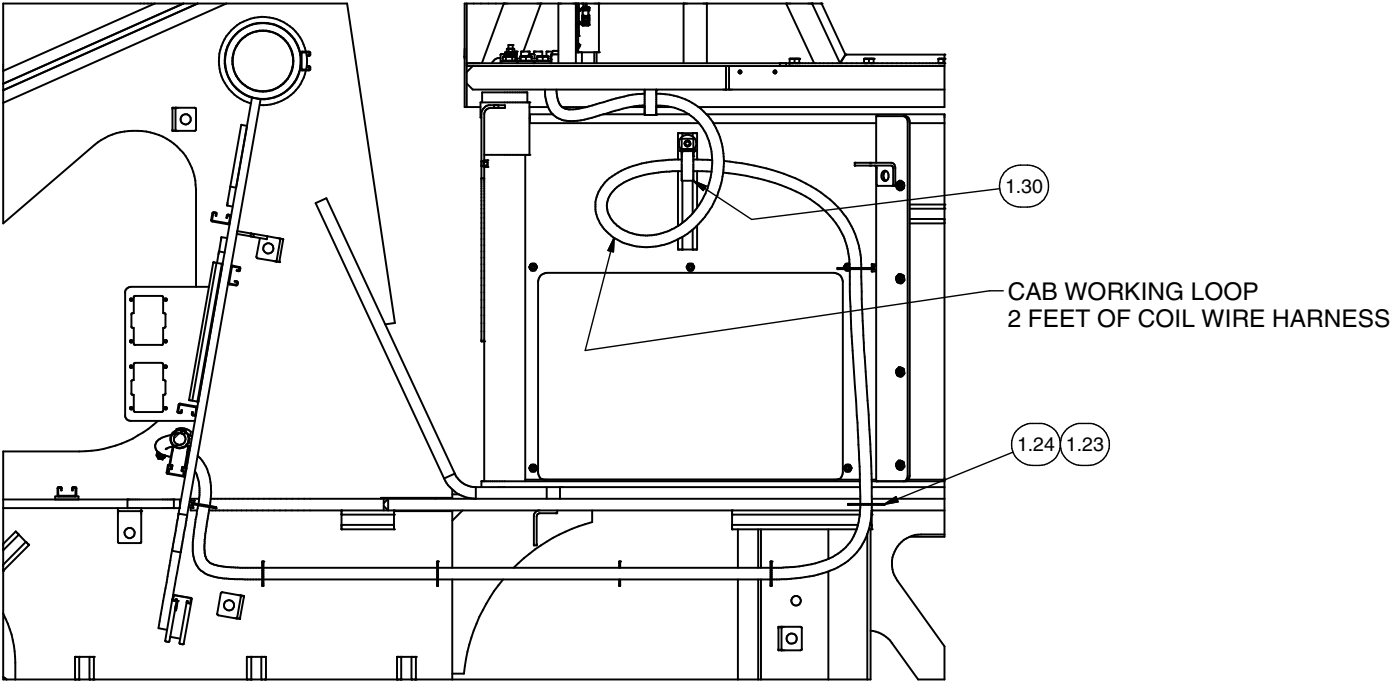




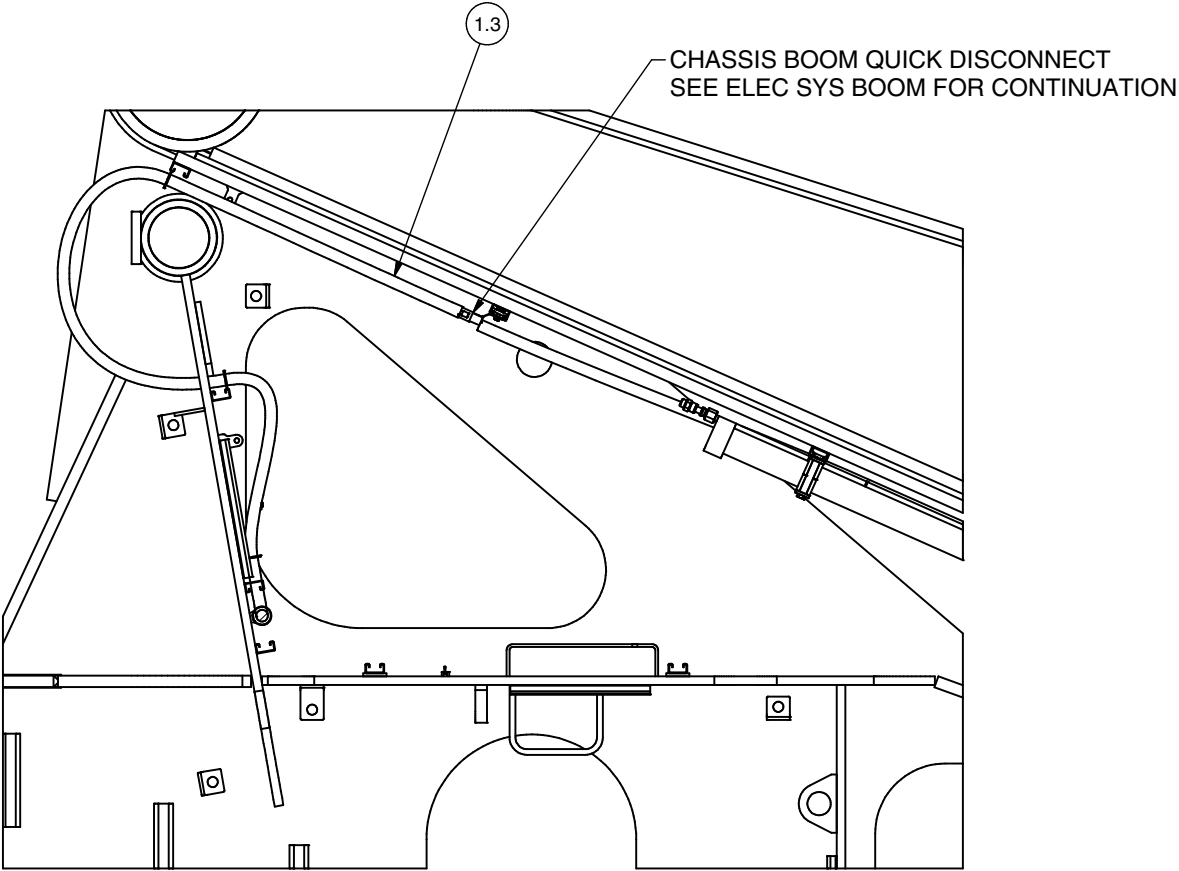
WIRE HARNESS, "A"; CAN BUSS - CHASSIS



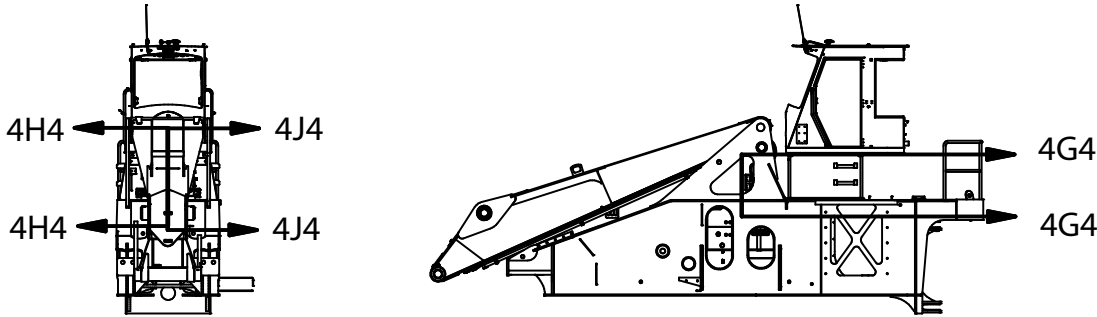
SECTION 4G4-4G4



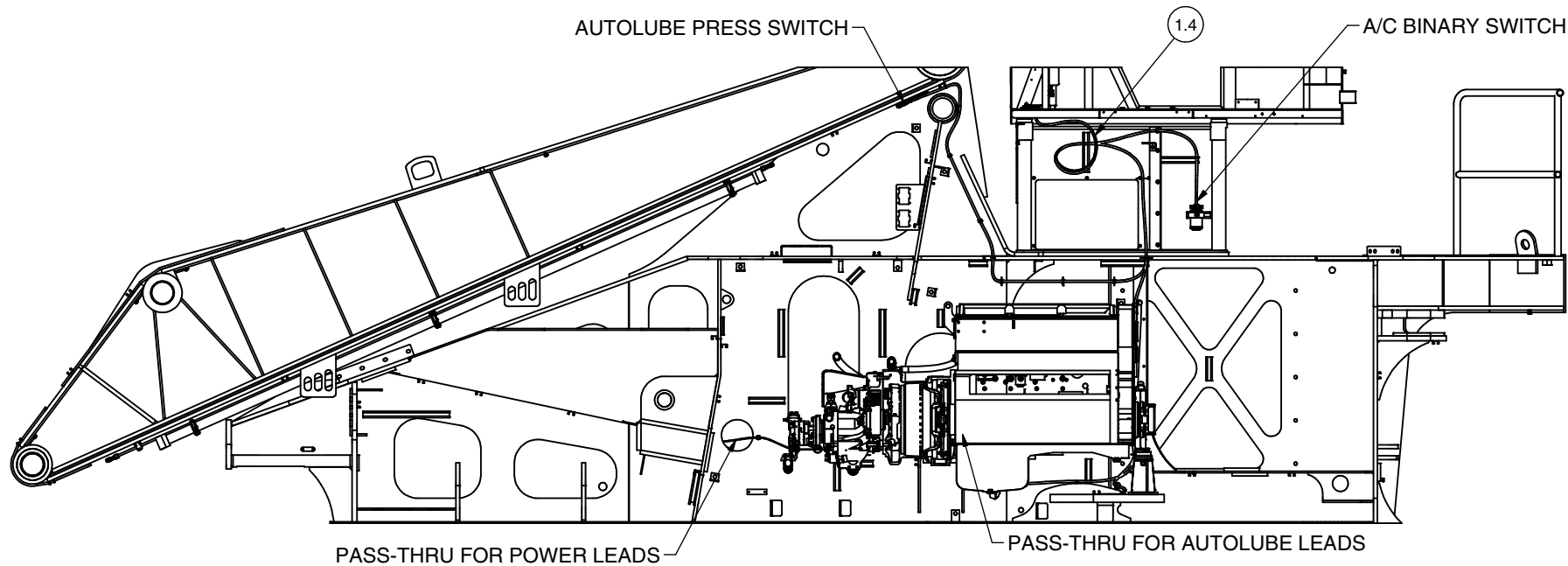
SECTION 4H4-4H4



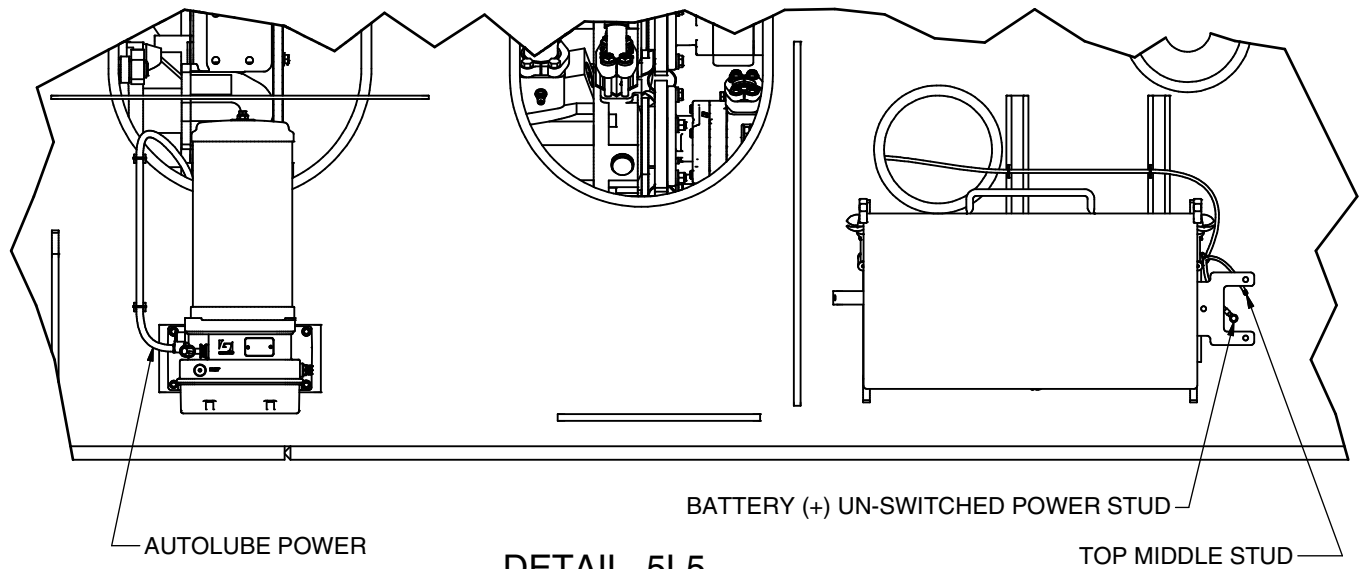
SECTION 4J4-4J4



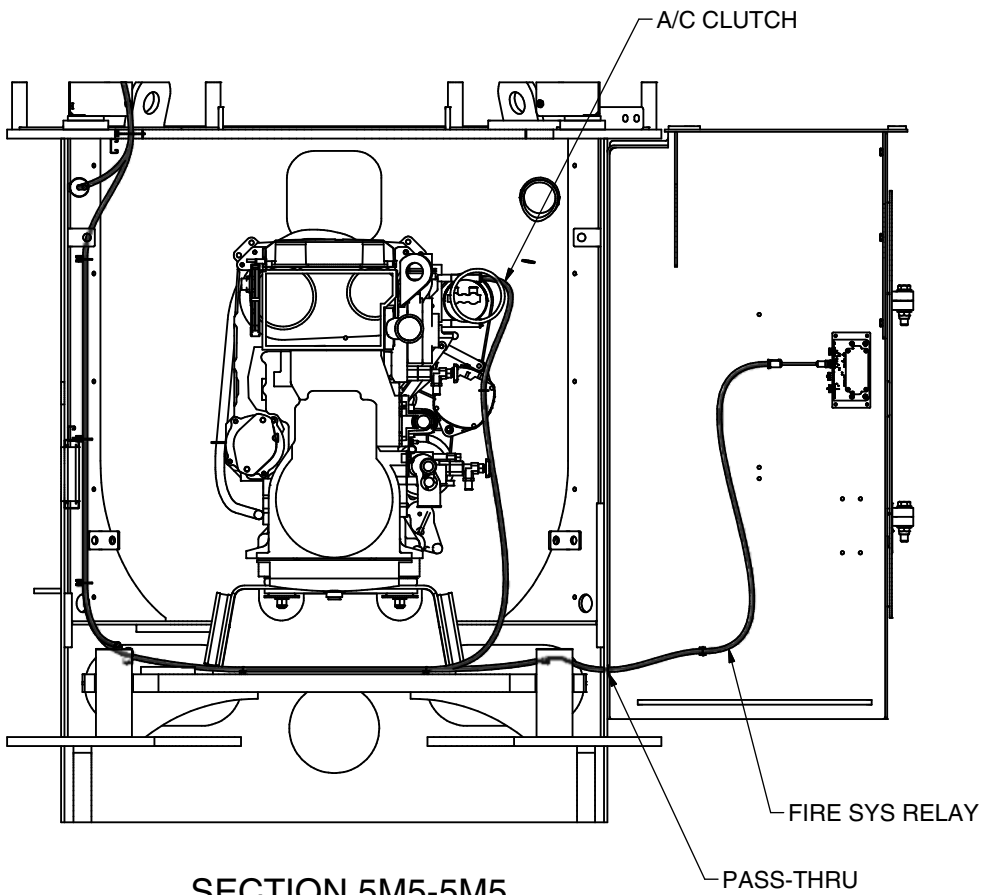
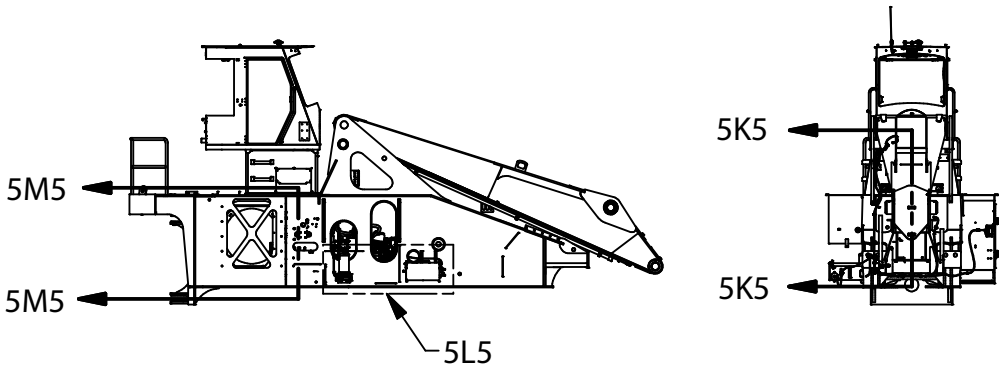
WIRE HARNESS, "B"; A/C & AUTOLUBE



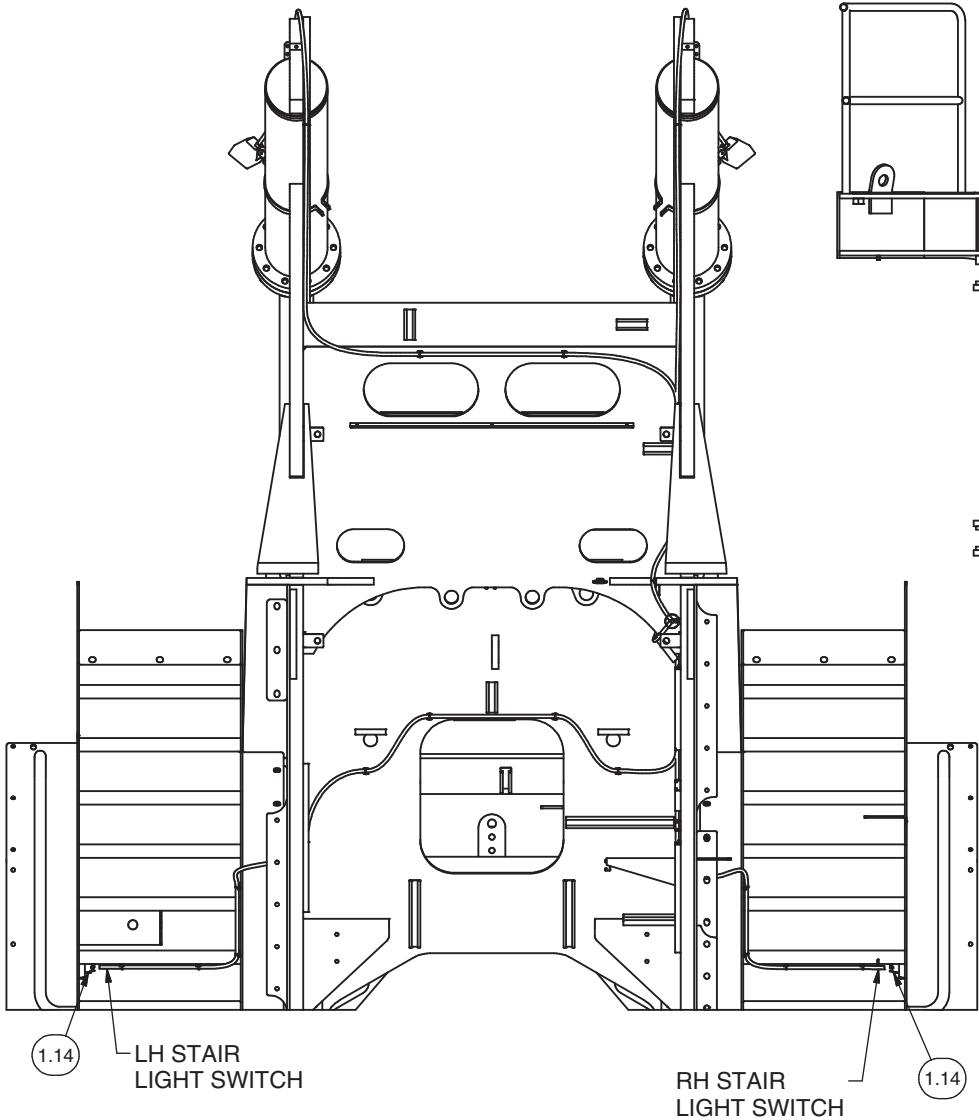
SECTION 5K5-5K5
SOME PARTS REMOVED FOR CLARITY



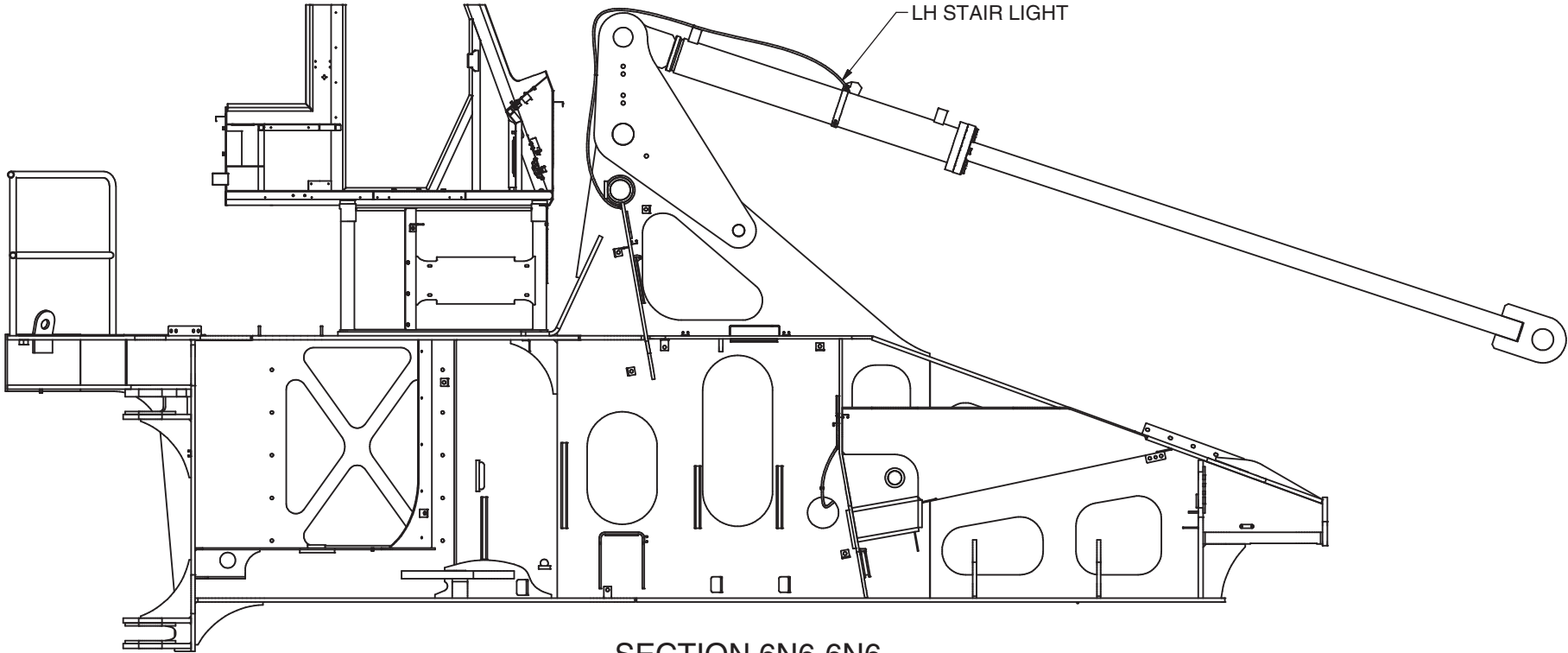
DETAIL 5L5
GREASE SYS & POWER



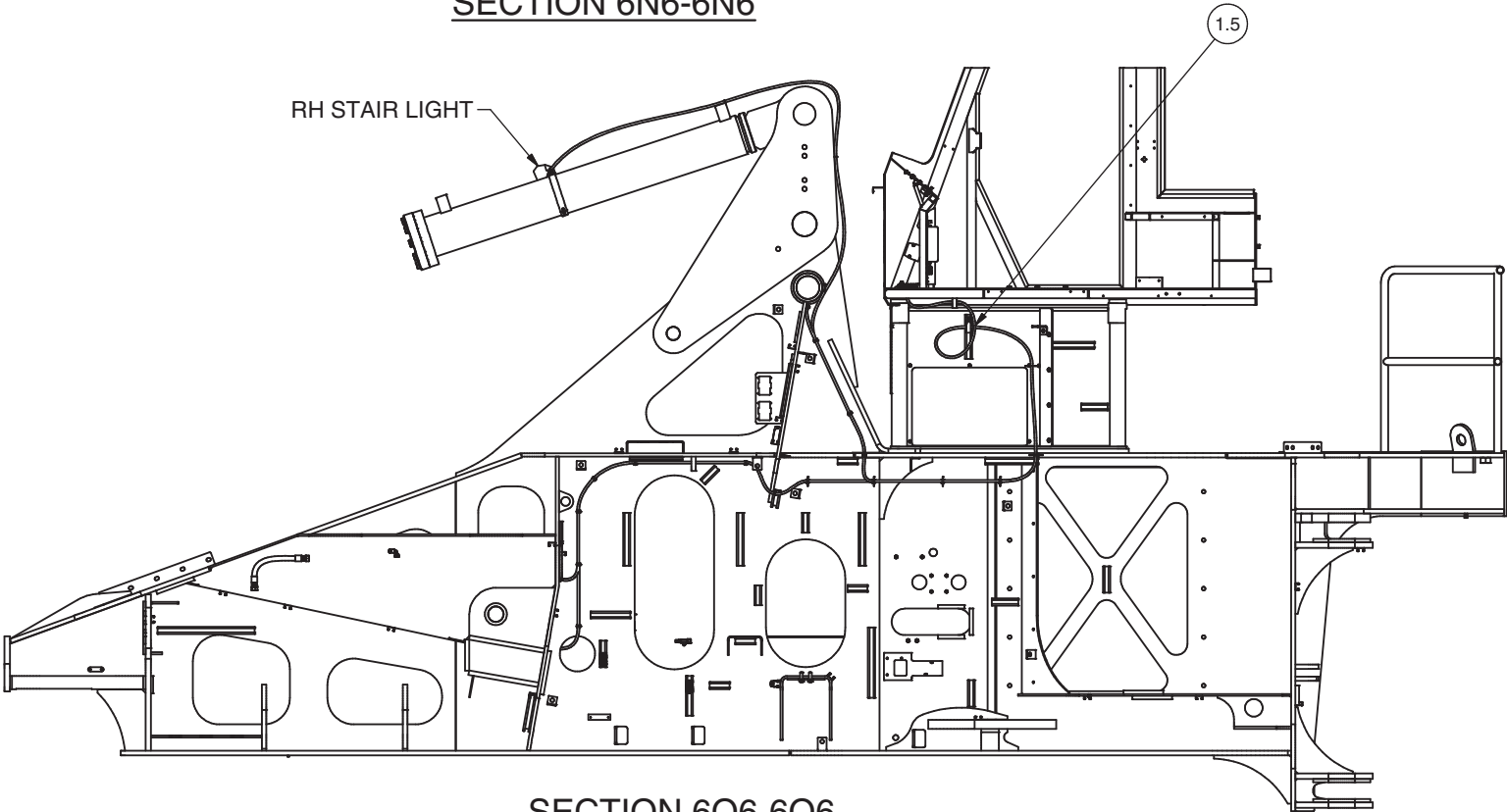
SECTION 5M5-5M5
A/C CLUTCH & FIRE RELAY WIRING



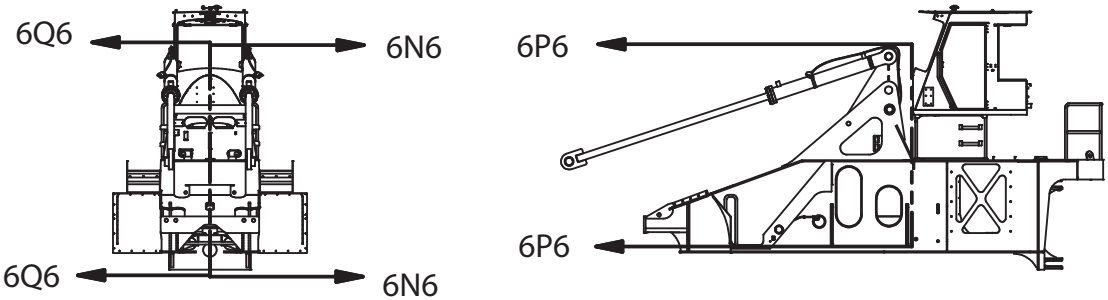
SECTION 6P6-6P6
STAIR SWITCH WIRING



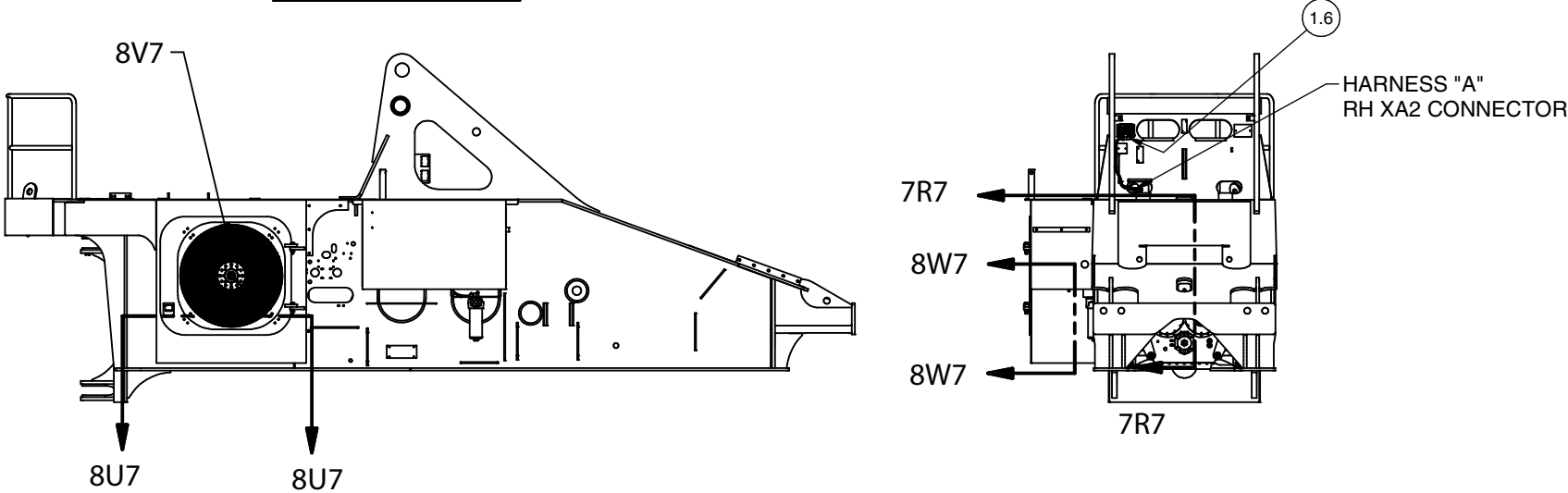
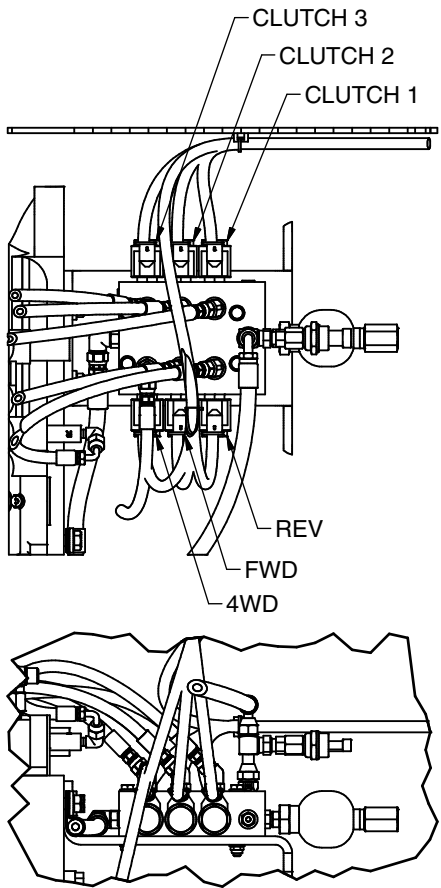
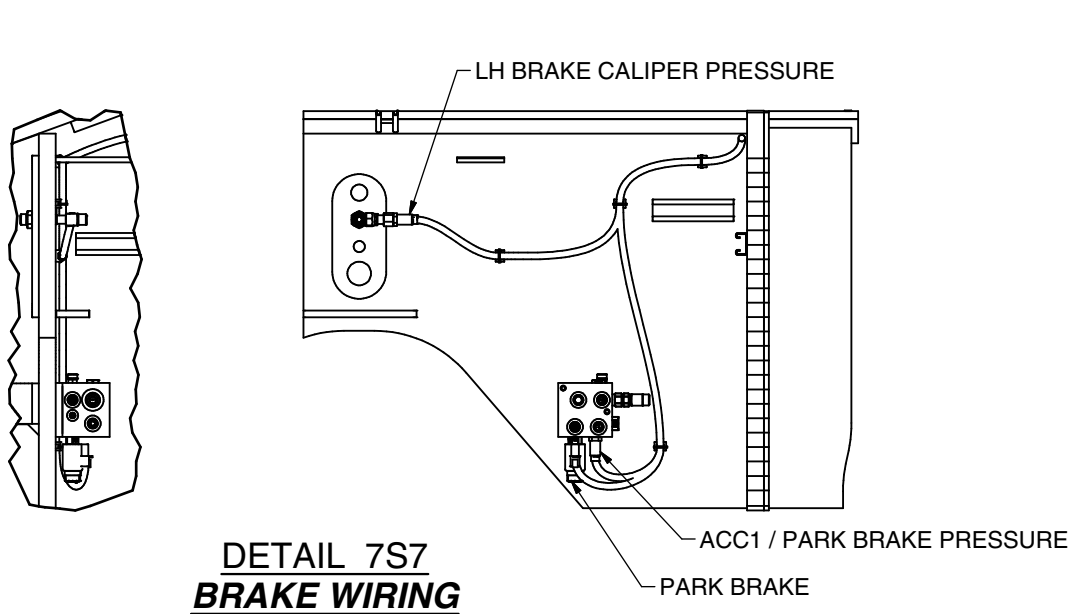
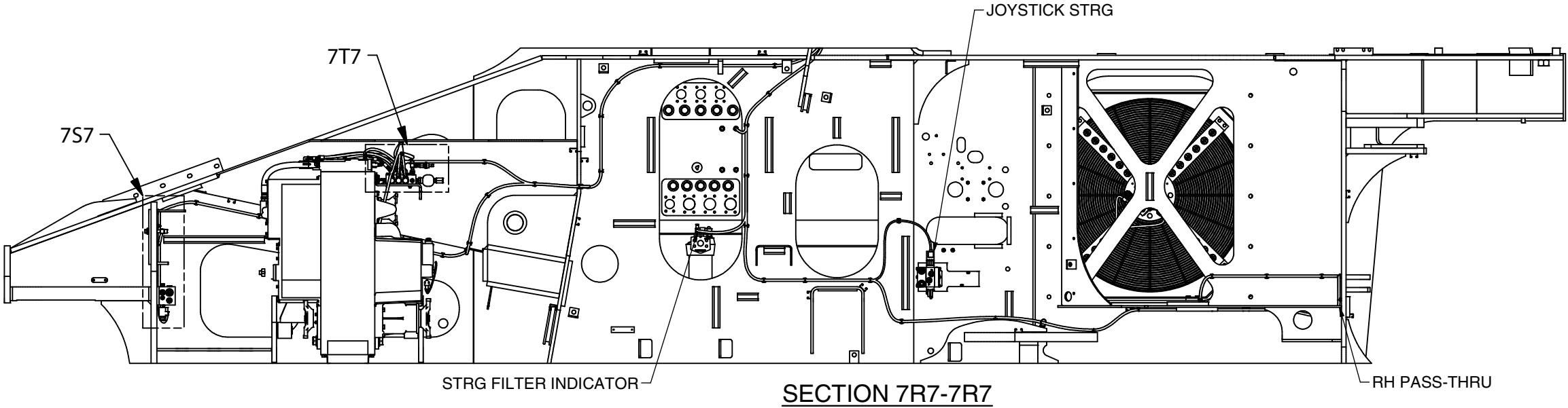
SECTION 6N6-6N6



SECTION 6Q6-6Q6

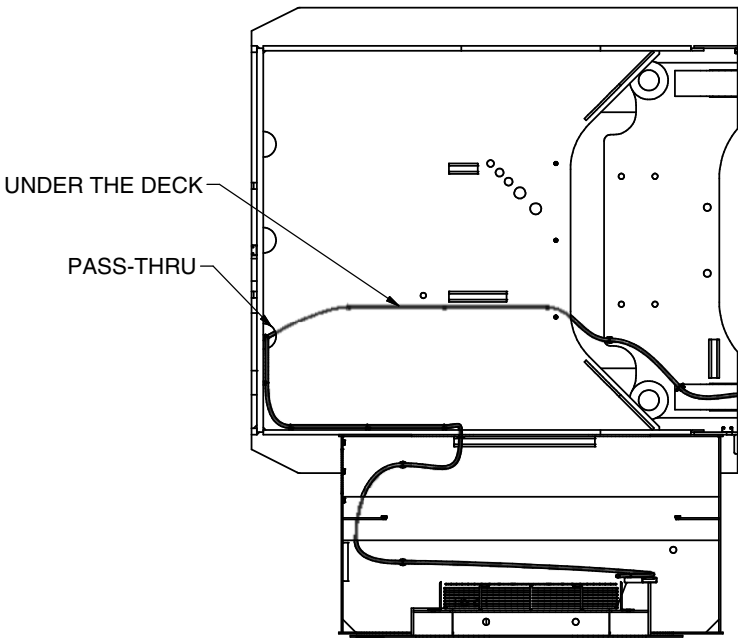


WIRE HARNESS, RH XA2

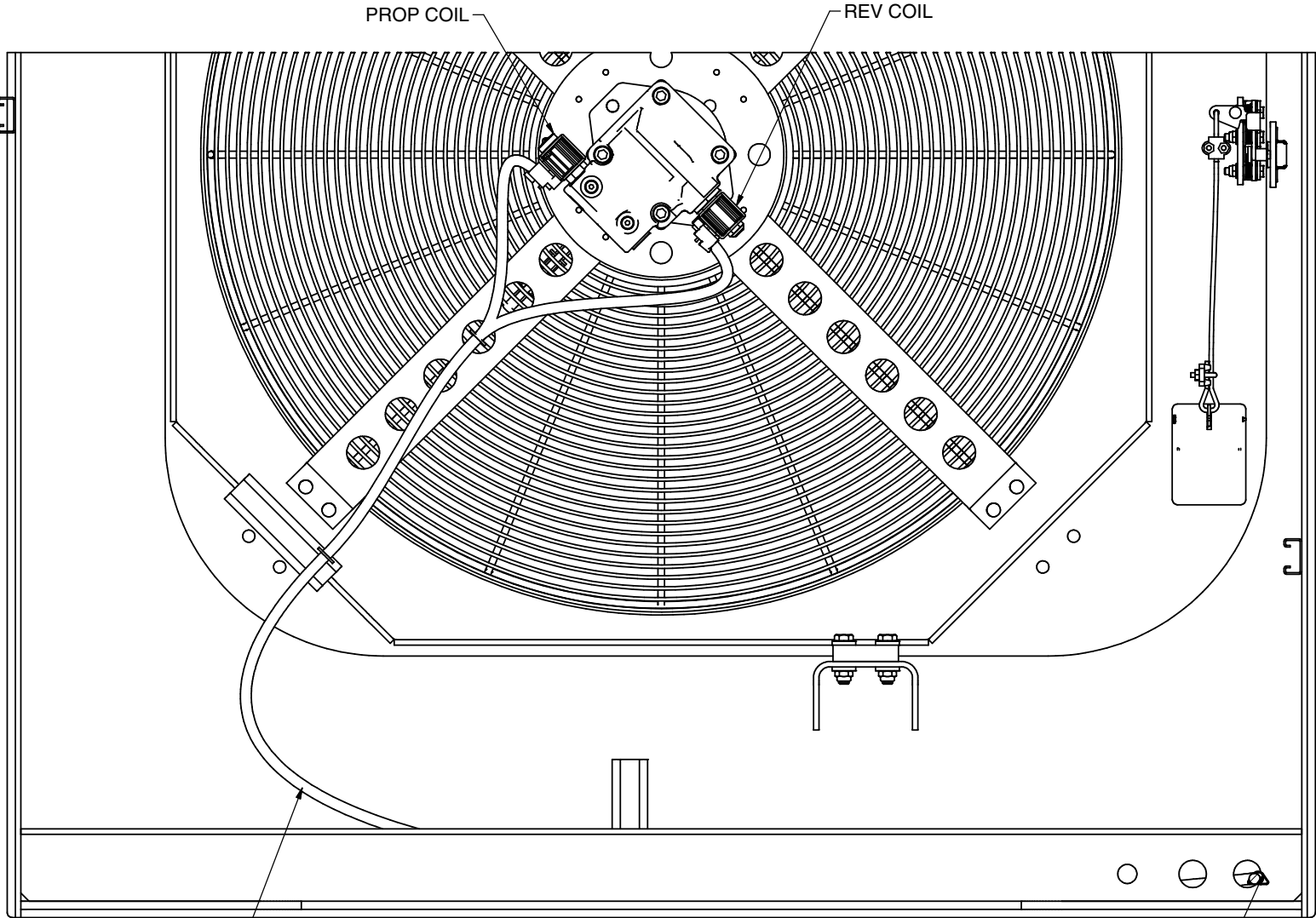


**DETAIL 7T7
TRANSMISSION SHIFT MANIFOLD WIRING**

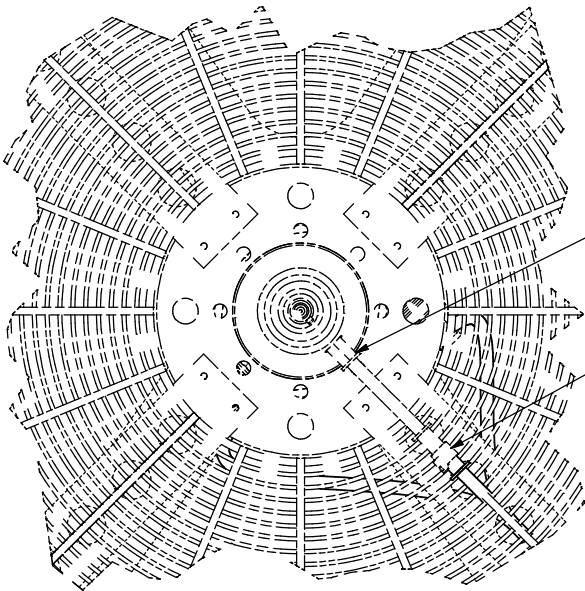
WIRE HARNESS, RH XA2



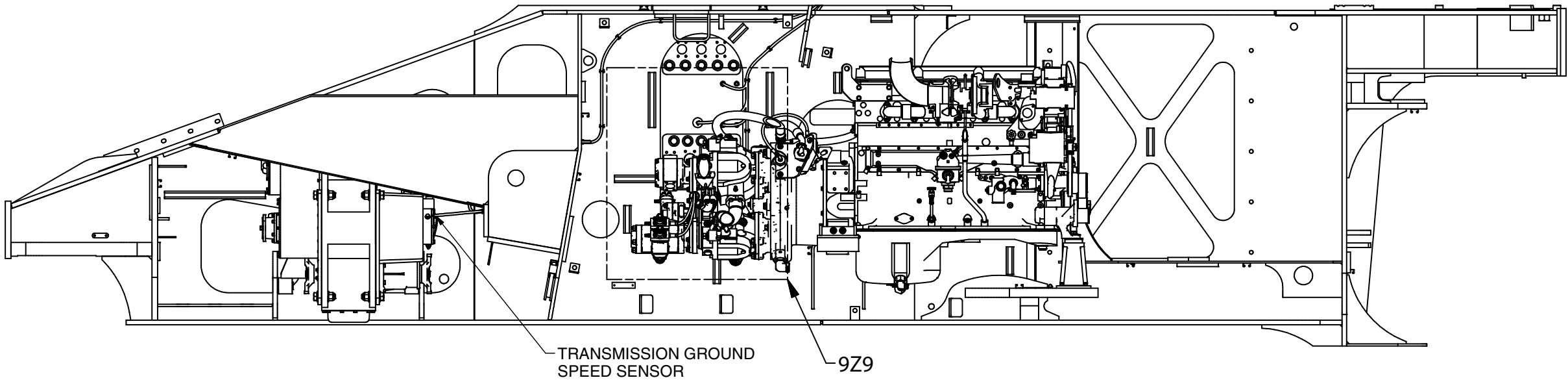
SECTION 8U7-8U7
RH COOLING PACKAGE WIRING ROUTING



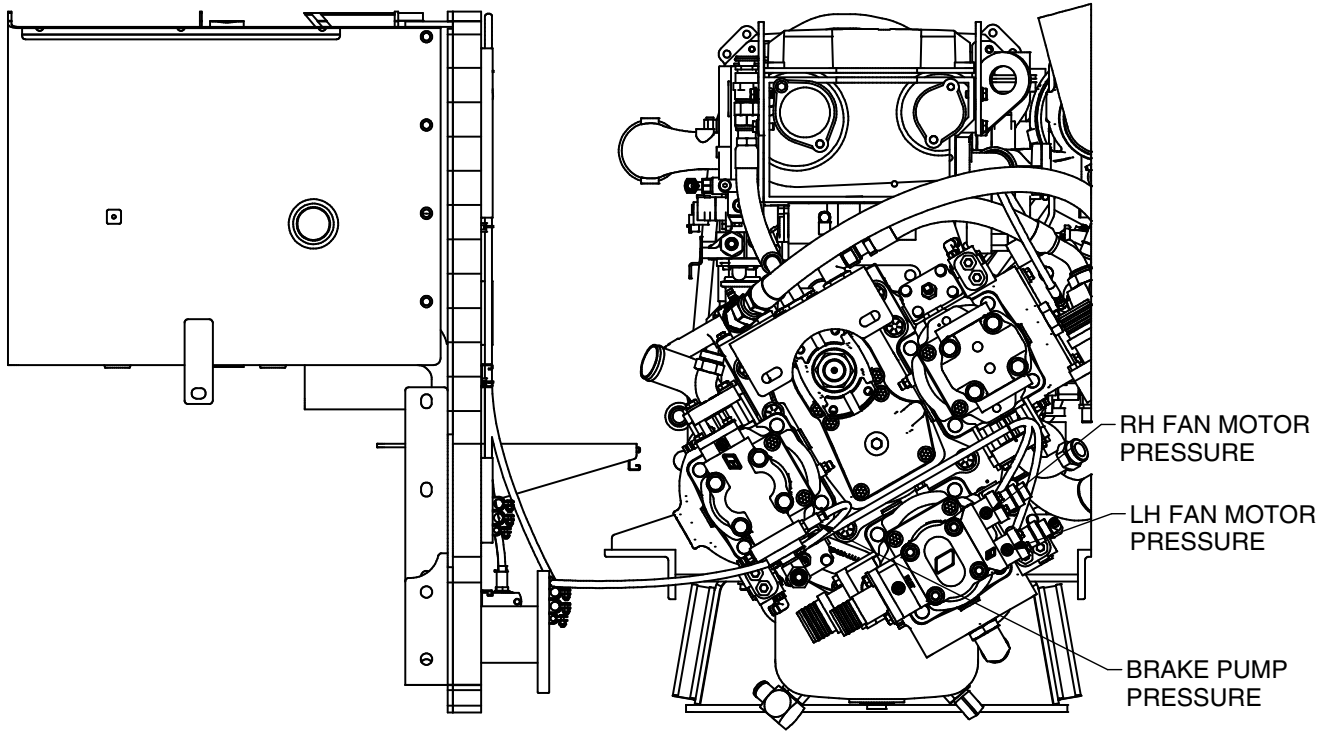
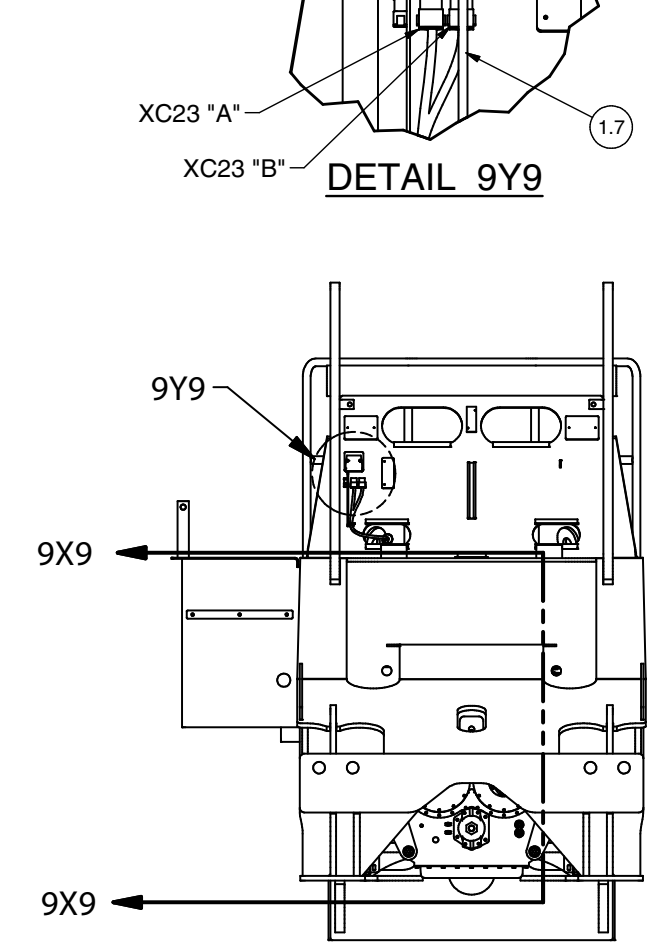
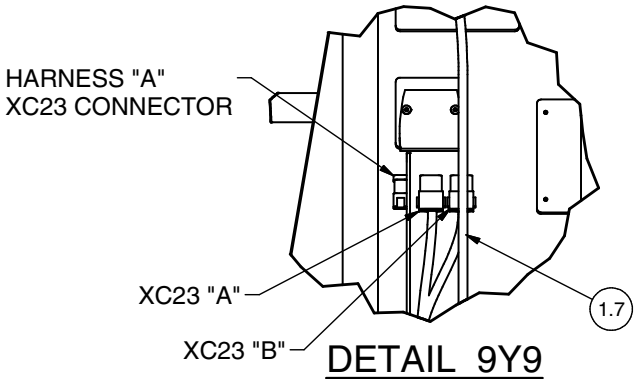
SECTION 8W7-8W7
***RH FAN WIRING
ON INSIDE OF DOOR***



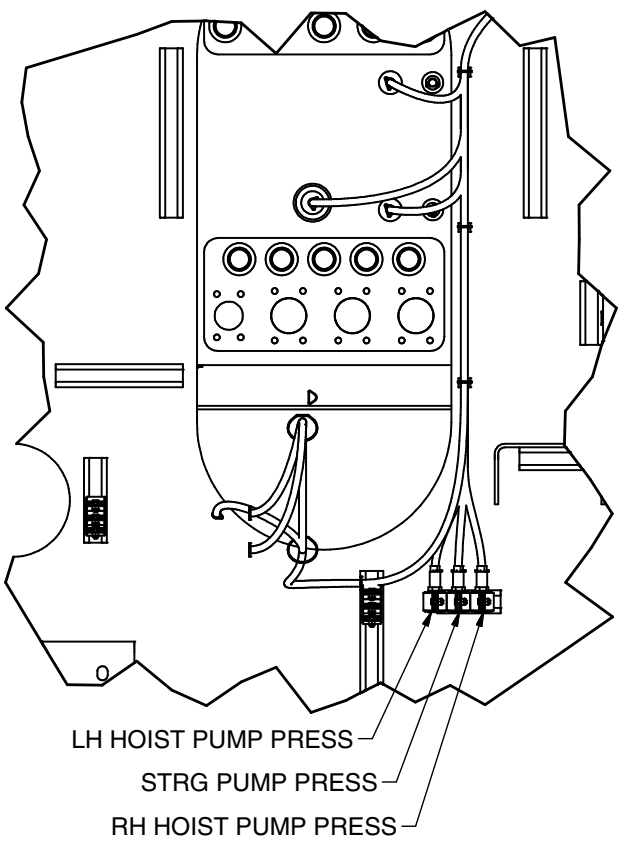
DETAIL 8V7
***RH FAN SPEED SENSOR
ON FAN SIDE OF GUARD***



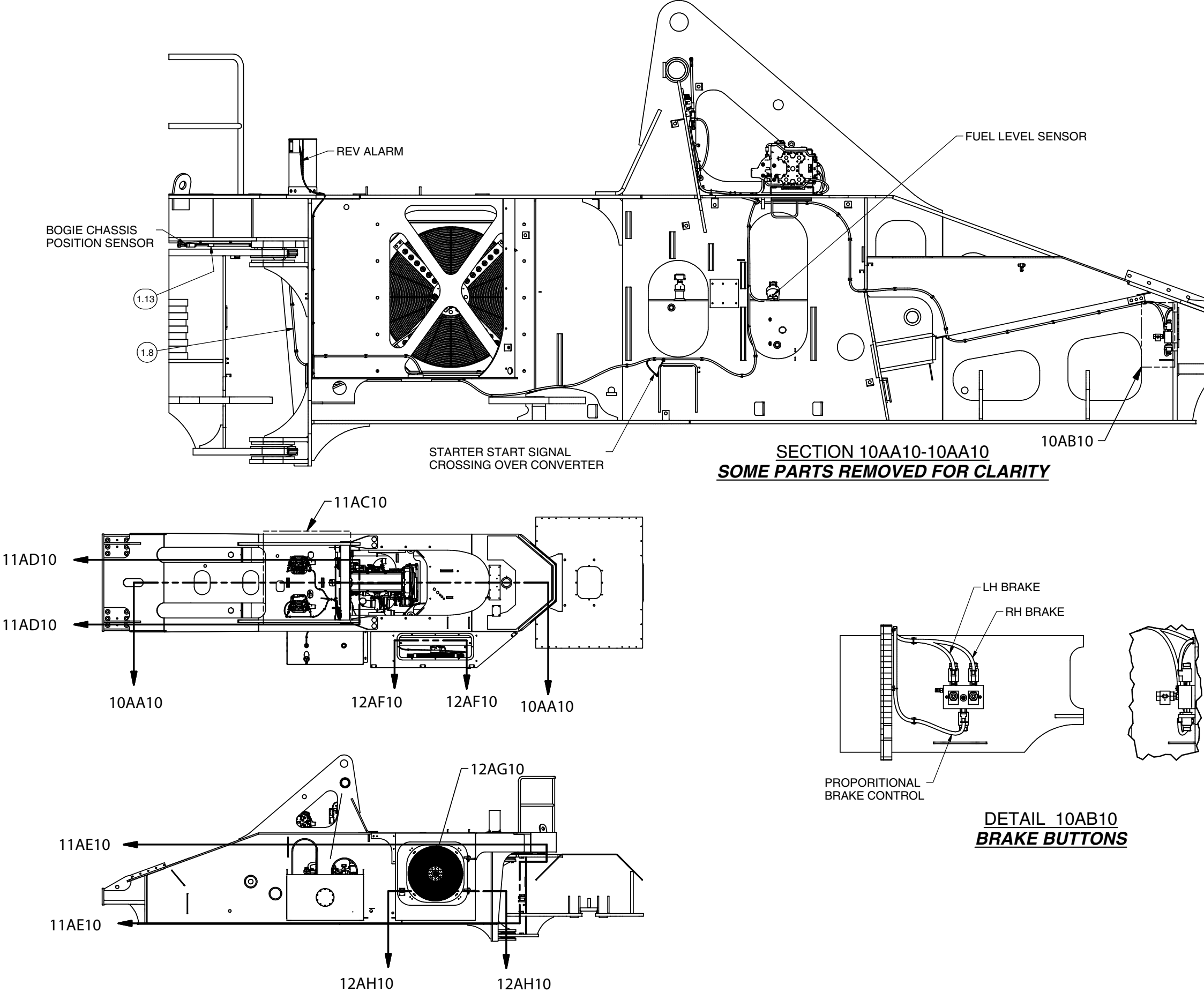
SECTION 9X9-9X9
SOME PARTS REMOVED FOR CLARITY

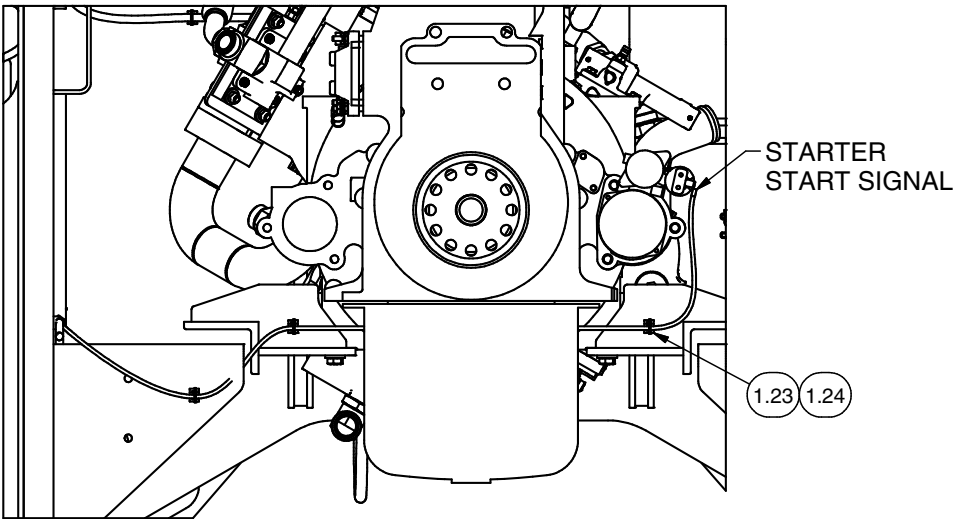
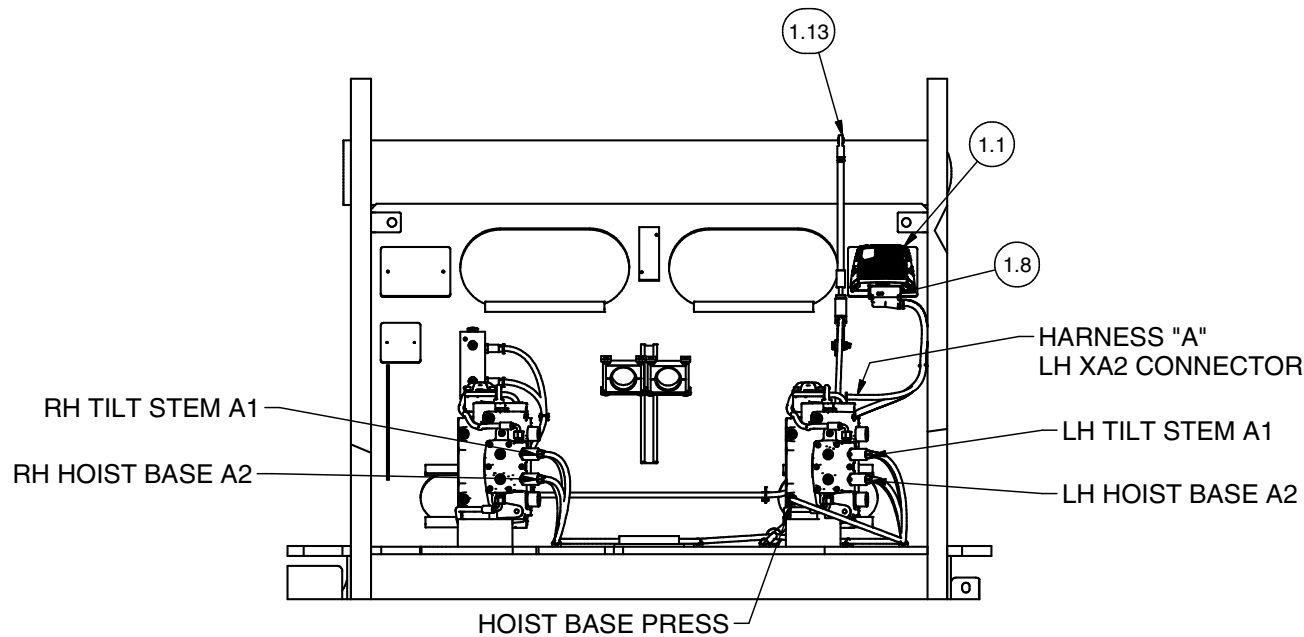


DETAIL 9Z9
ENGINE PRESSURE TRANSDUCER WIRING
POWER UNIT REMOVED FOR CLARITY IN RIGHT VIEW

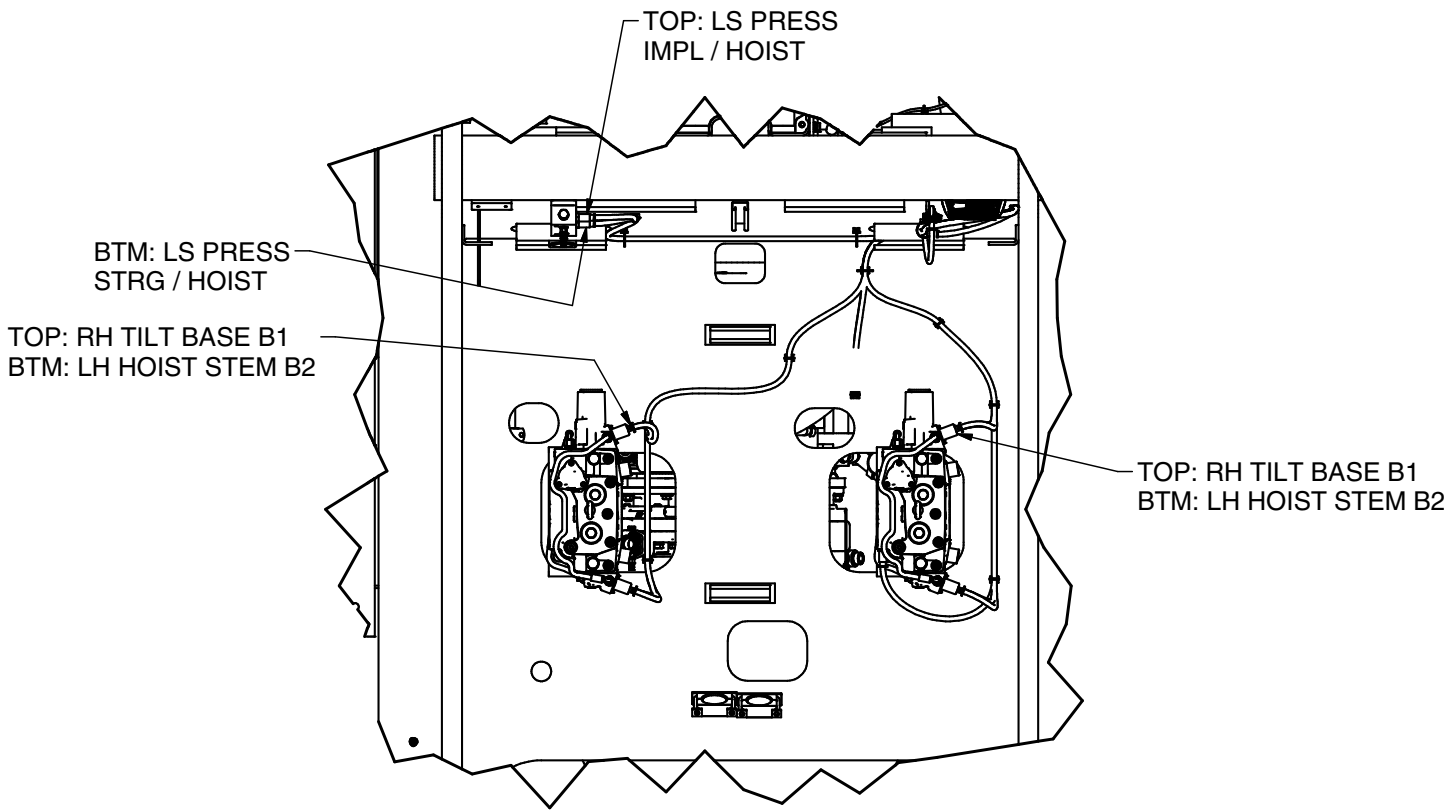


WIRE HARNESS, LH XA2

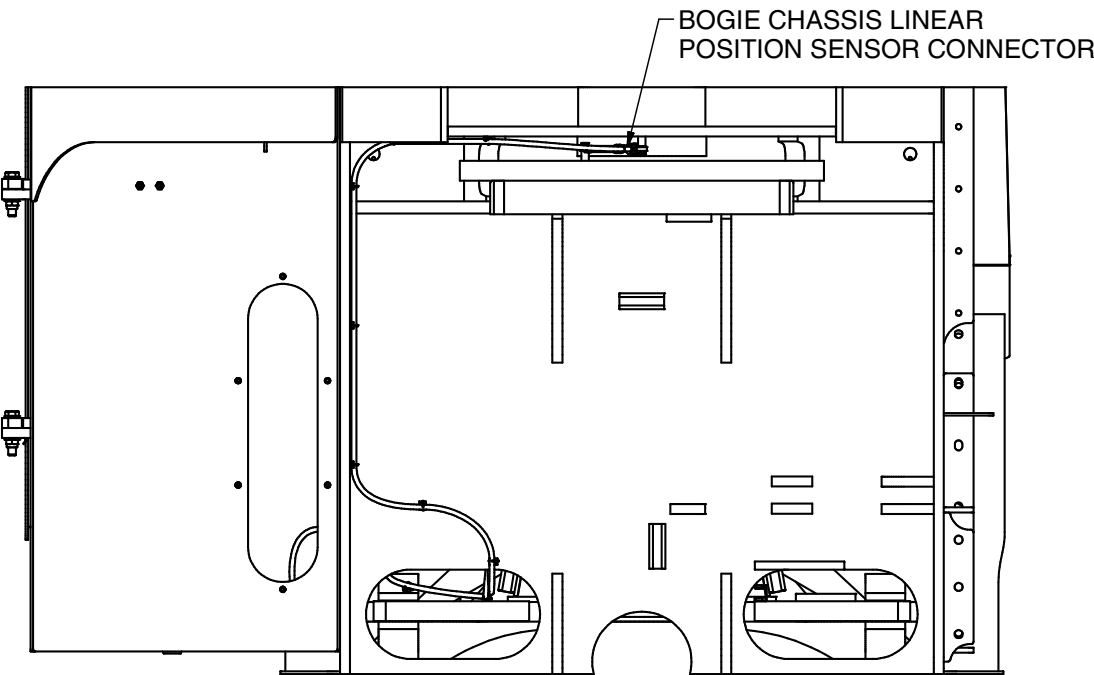




SECTION 11AD10-11AD10
STARTER WIRING ROUTE

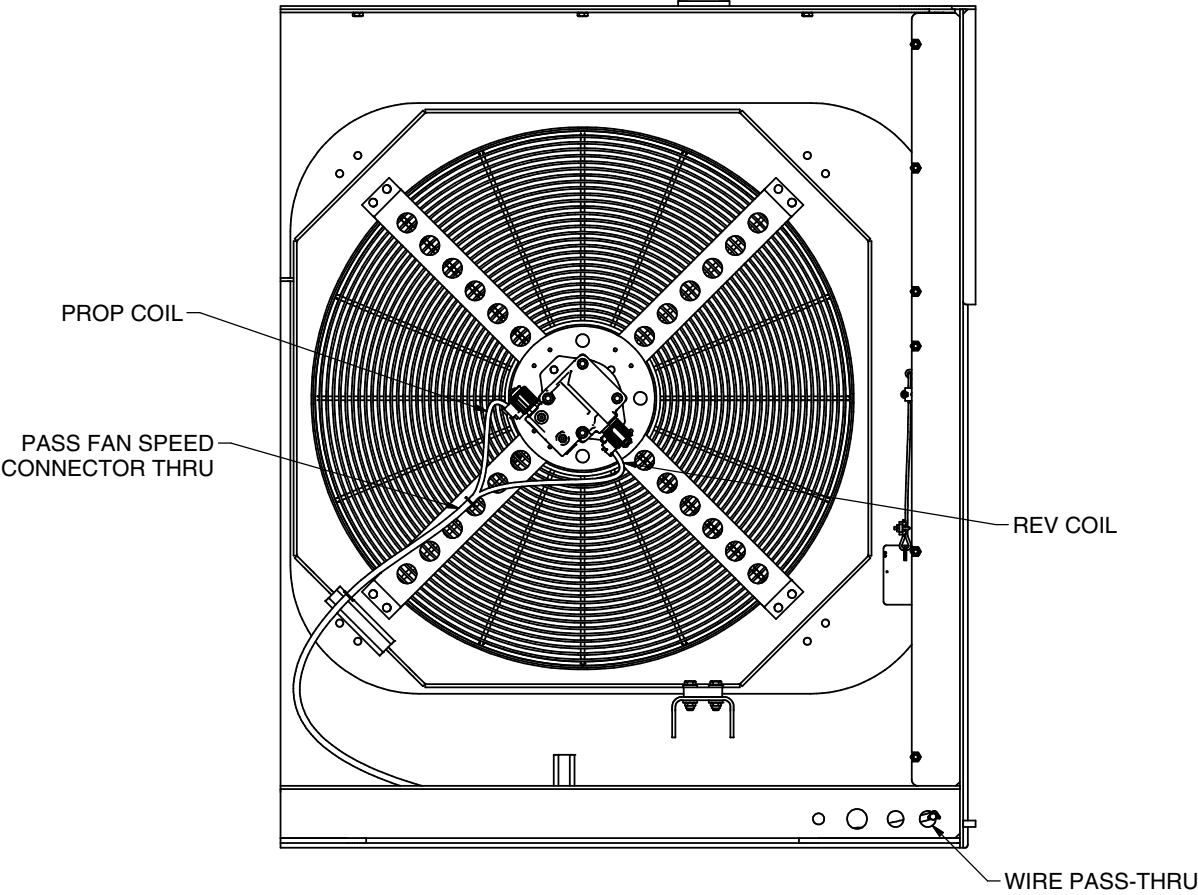


DETAIL 11AC10
HOIST & TILT VALVE WIRING

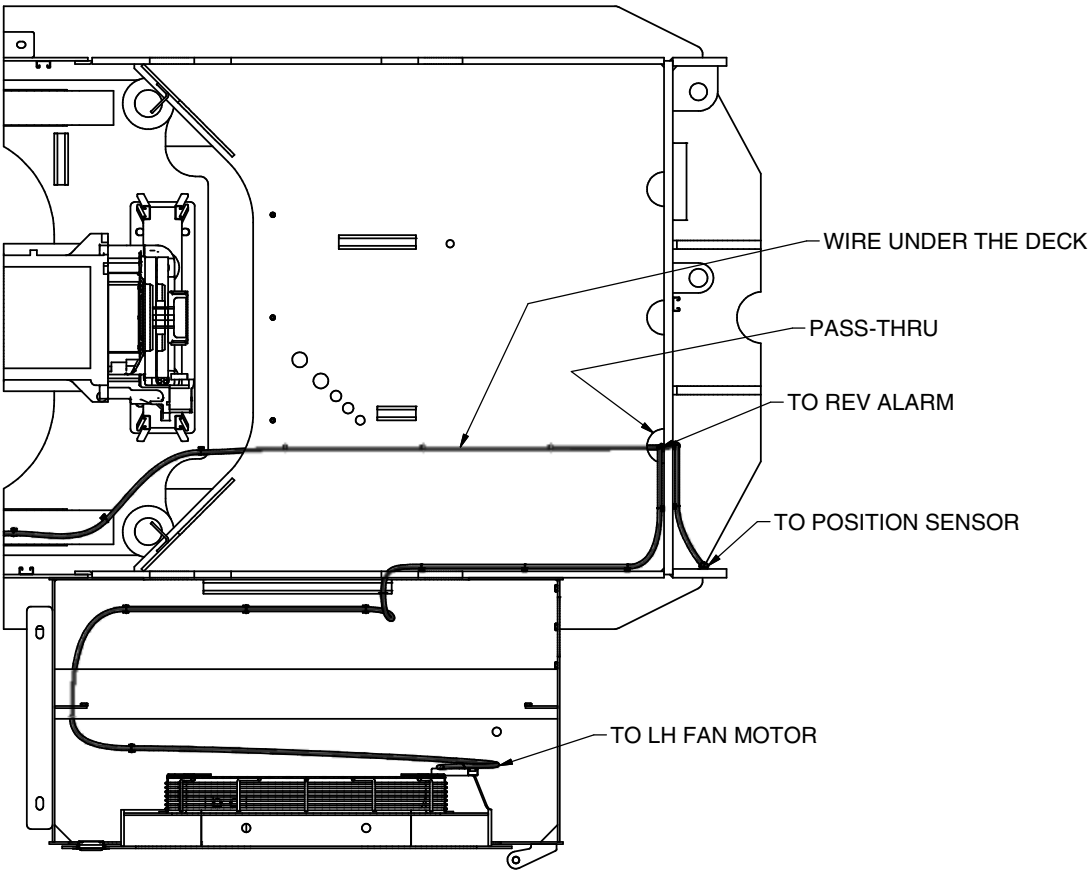


SECTION 11AE10-11AE10
CHASSIS BOGIE POSITION SENSOR WIRING

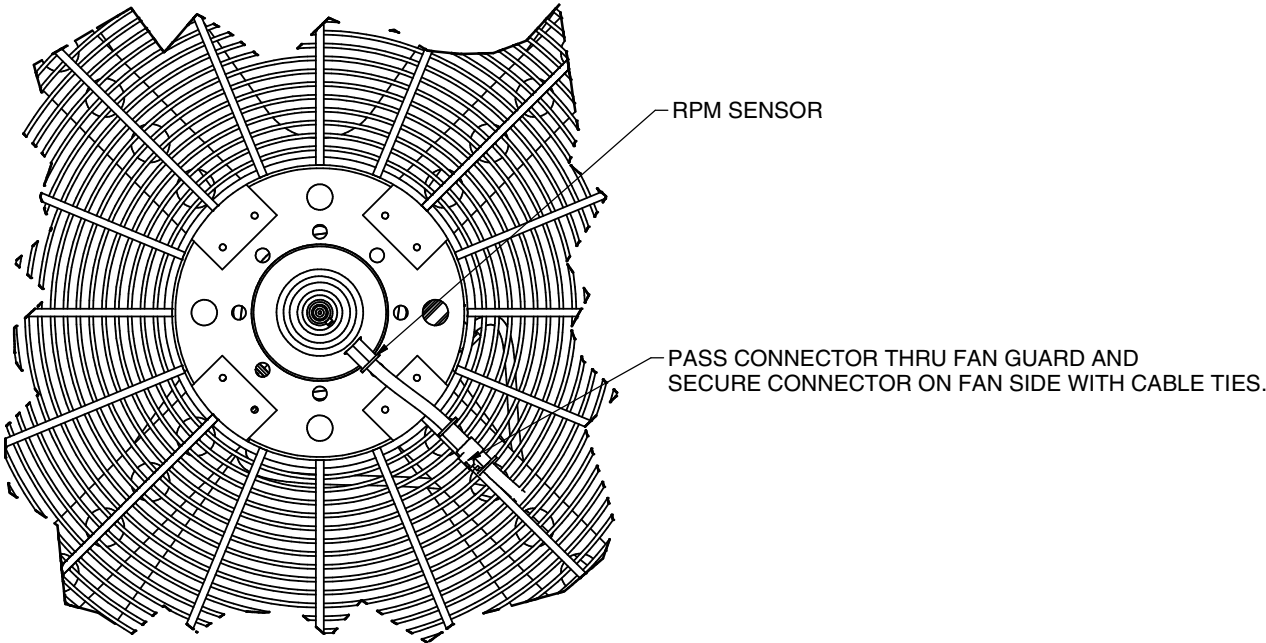
WIRE HARNESS, LH XA2



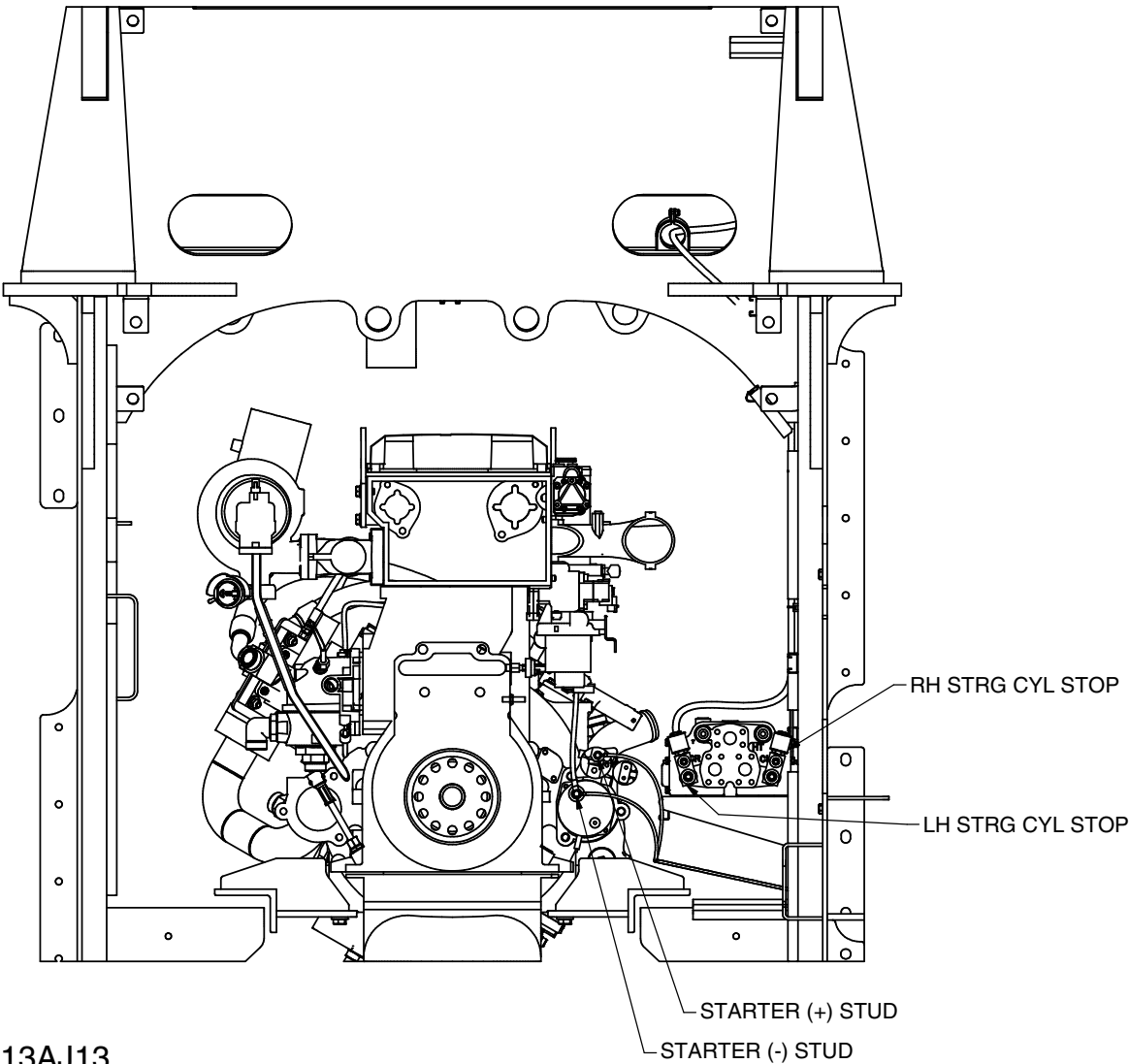
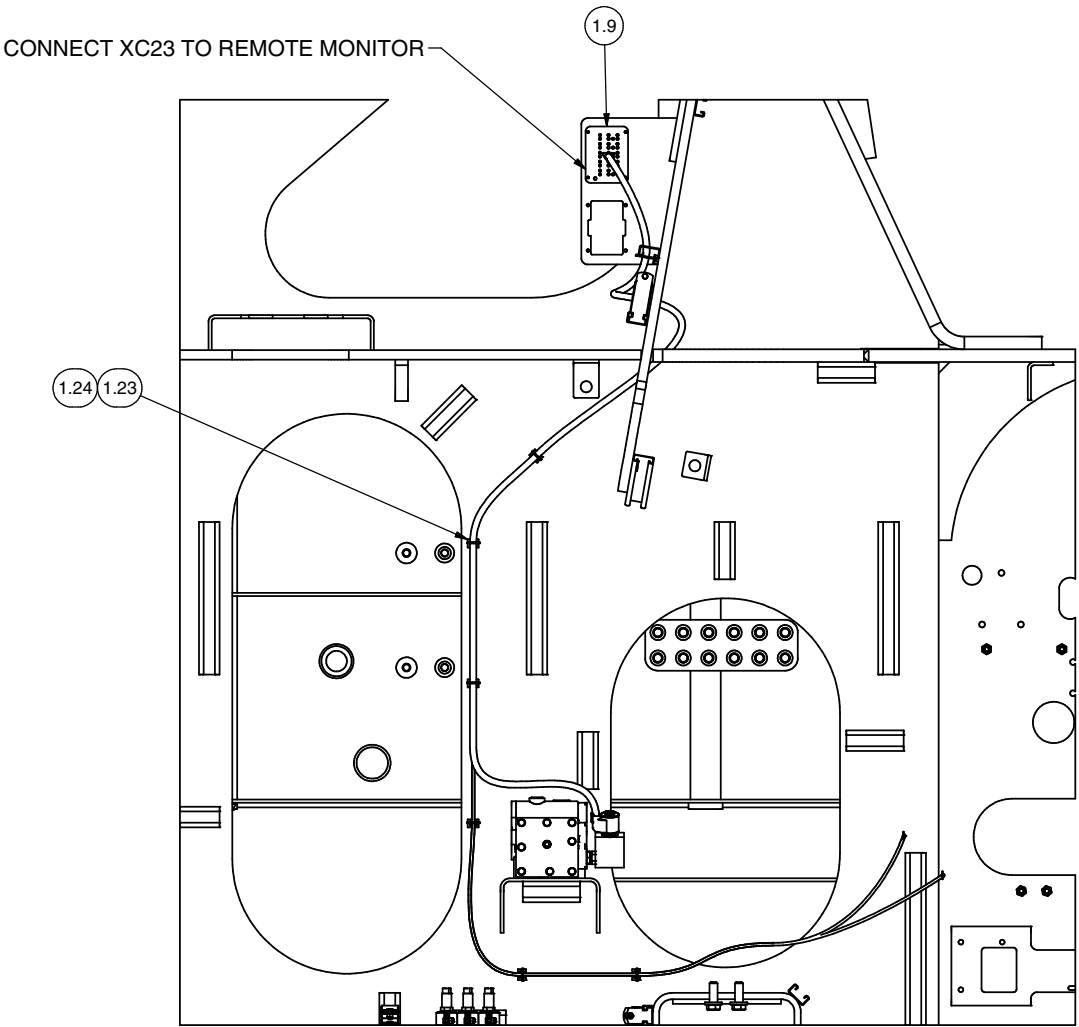
SECTION 12AF10-12AF10
MOTOR SIDE OF FAN DRIVE



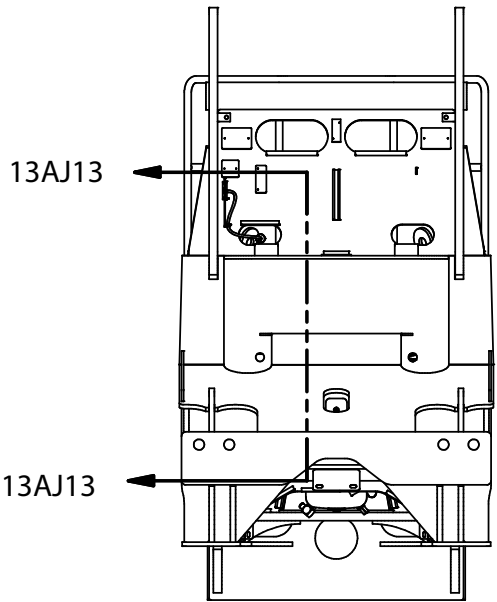
SECTION 12AH10-12AH10

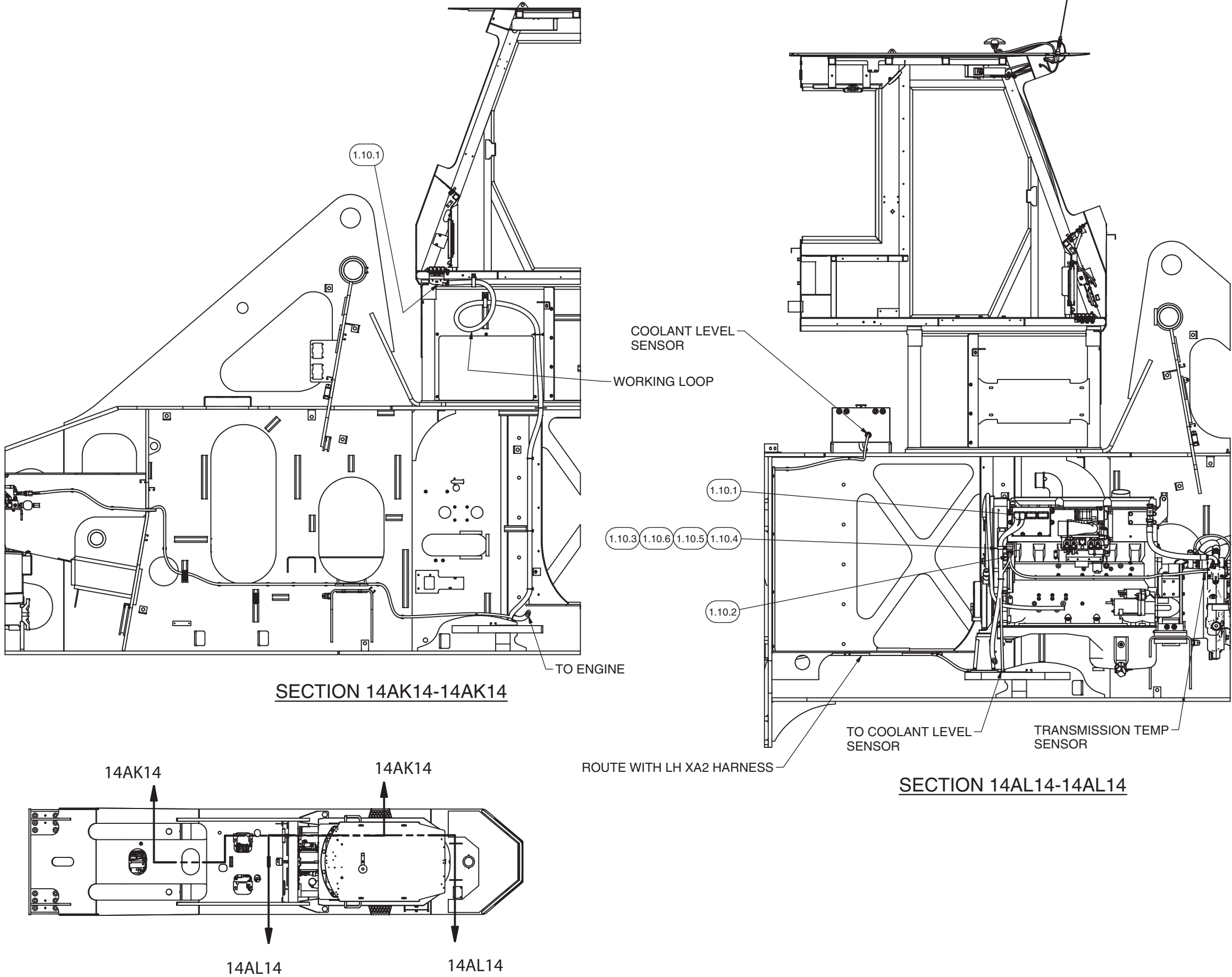


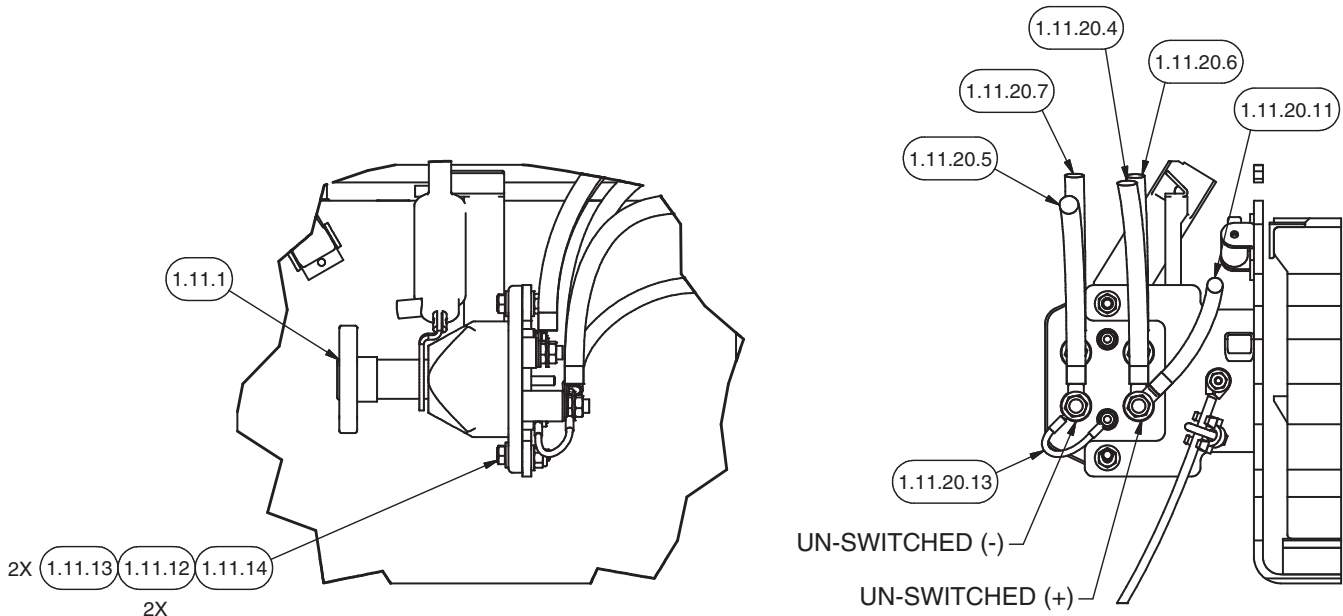
DETAIL 12AG10
FAN SIDE



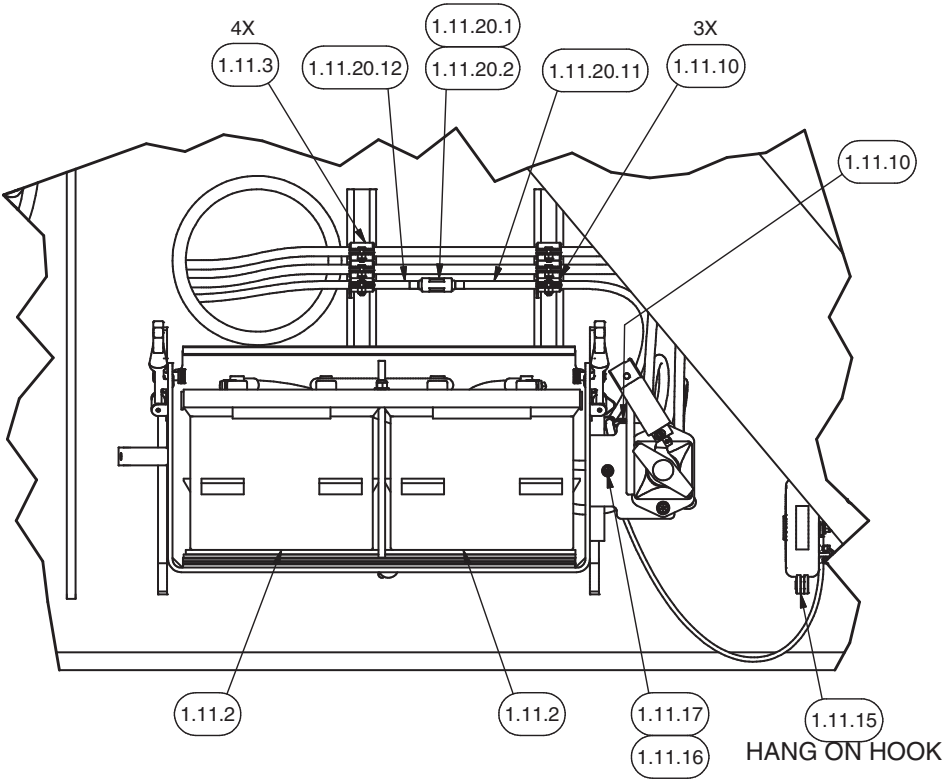
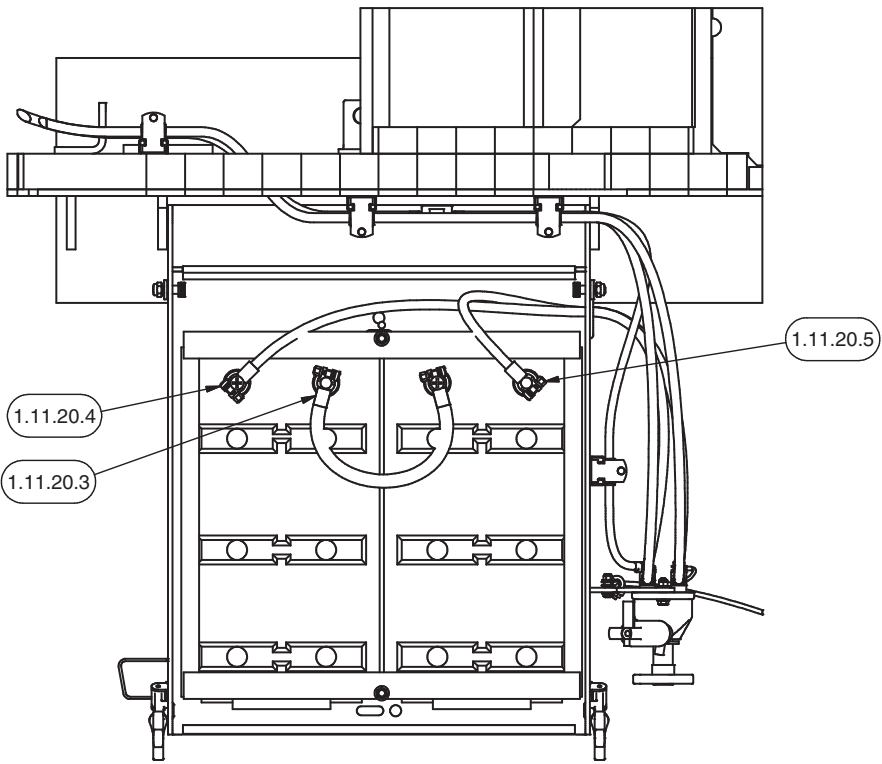
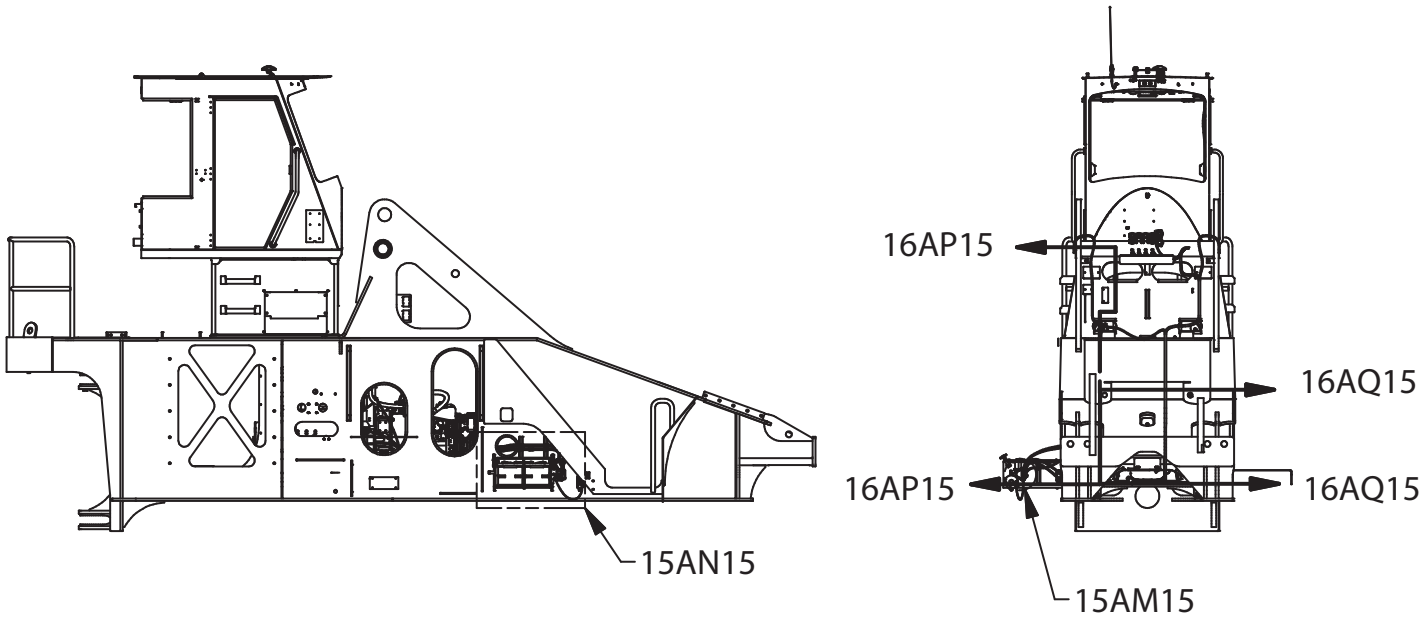
SECTION 13AJ13-13AJ13
STRG CYL STOPS
SOME PARTS REMOVED FOR CLARITY



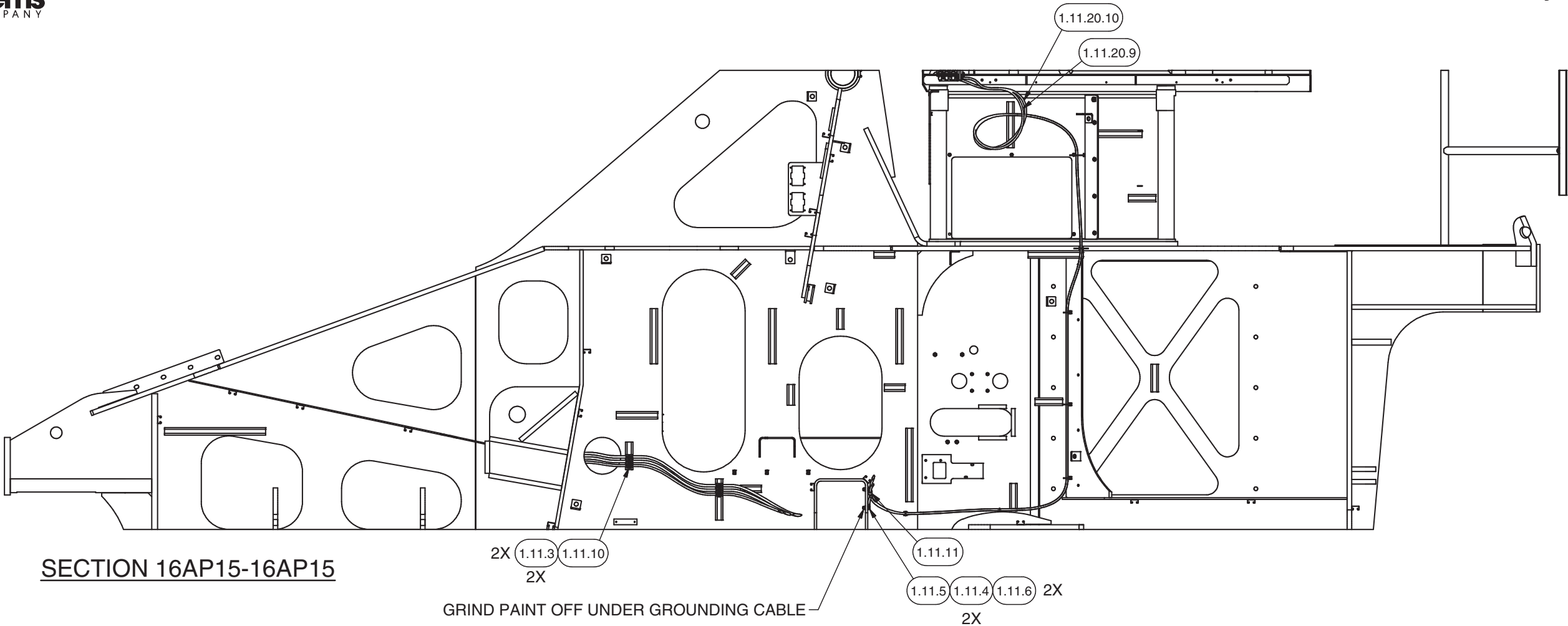




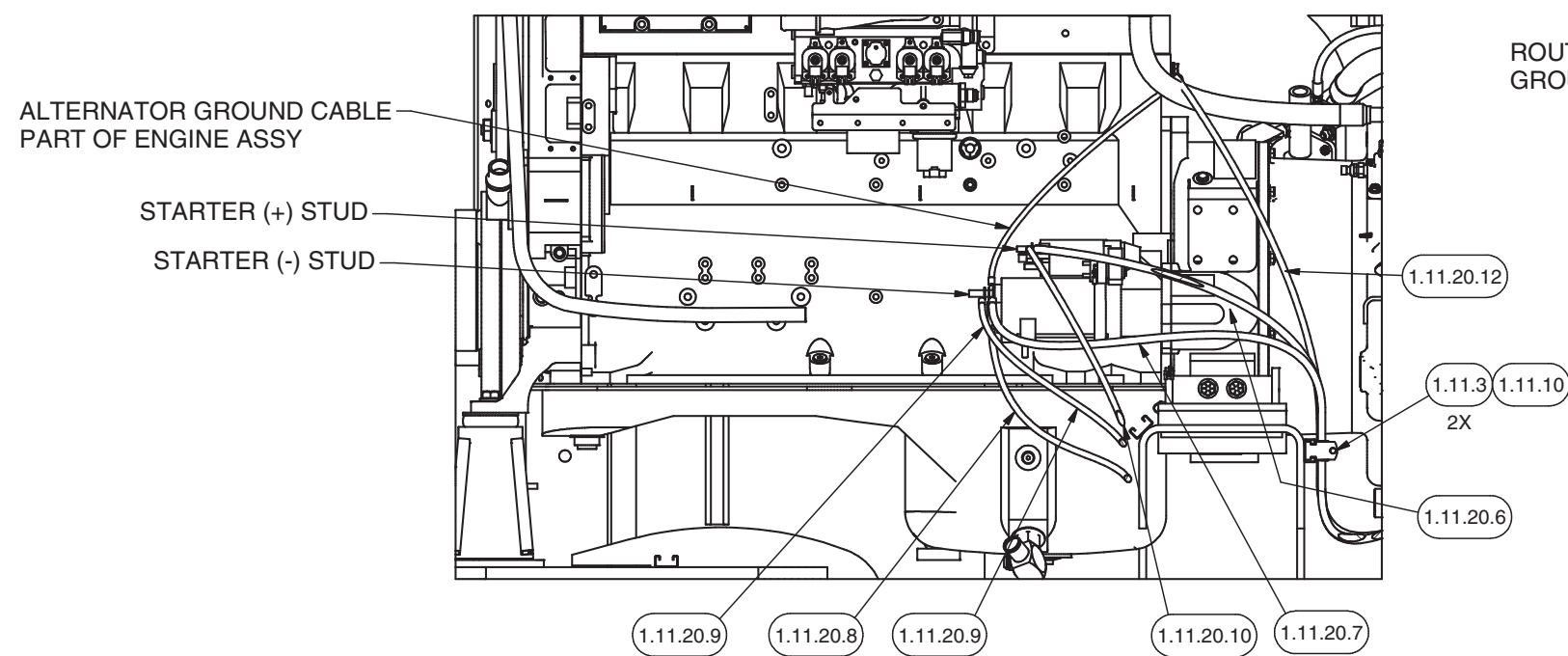
DETAIL 15AM15
BATTERY DISCONNECT SWITCH
PARTS REMOVED FOR CLARITY



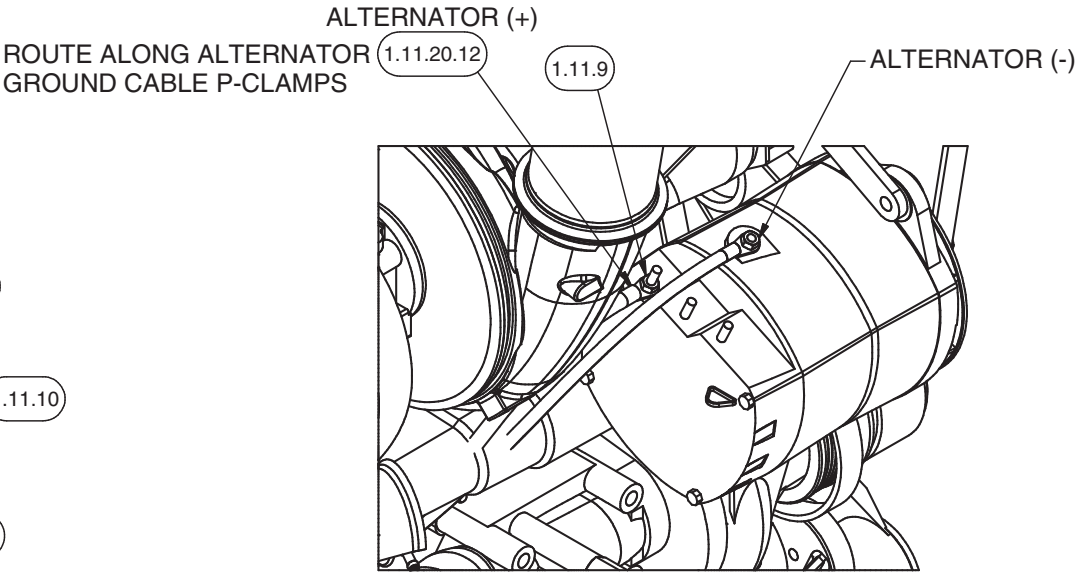
DETAIL 15AN15
BATTERY BOX WIRING
SECURE BATTERY WITH FRAME
SOME PARTS REMOVED FOR CLARITY



SECTION 16AP15-16AP15



**SECTION 16AQ15-16AQ15
STARTER WIRING**



ALTERNATOR WIRING