

CAUTION

**PLEASE CONTACT CURRY
SUPPLY COMPANY BEFORE
ATTEMPTING ANY CHANGES TO
THE ELECTRICAL SYSTEMS.
DOING SO MAY CAUSE
EQUIPMENT DAMAGE OR VOID
WARRANTY.**

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STROBE

CANNON

#5 Tank Level

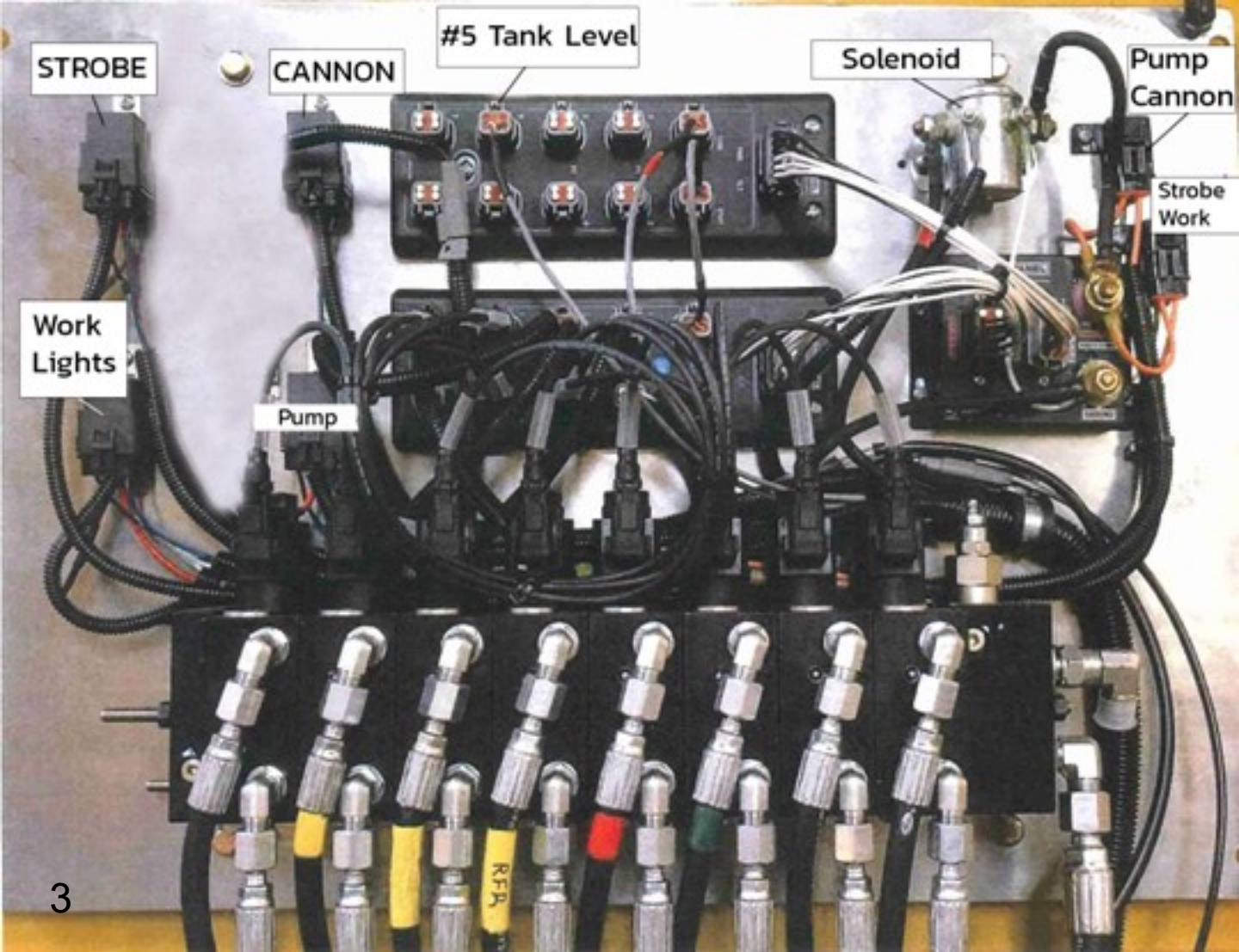
Solenoid

Pump
Cannon

Strobe
Work

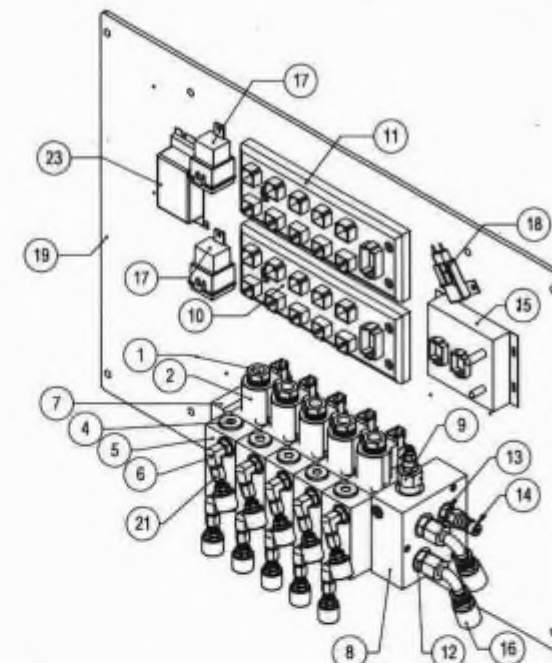
Work
Lights

Pump



ITEM NO.	QTY.	PART NO.	STOCK DESC.
1	5	805314219	VALVE, SOLENOID, SV10-24-01-00-00-B-00
2	5	171149519	24V DE COIL, M16-24D-26W-DE
3	5	11169108	VALVE, CHECK, RPC06-5-00 PO
4	5	920000619	PLUG, CAVITY, NCS06/D
5	5	11195193	MVB10-W-LH-6S
6	10	6801-4-6	FITTING, 1/4 JIC - 3/8 MOR, 90 DEG, STEEL
7	1	11187937	MVB10-E
8	1	11233610	INLET W/CAVITY FOR REDUCING VALVE
9	1	83020488	VALVE, REDUCING, PRMP PRMP 064-EN-1-00-35
10	1	DP-34044-5-100	OUTPUT BLOCK (COMPUTER)
11	1	DP-34044-1	INPUT/OUTPUT COMBO BLOCK
12	2	6400-8	FITTING, 1/2" MJ - 1/2" MB
13	1	6401-6-4	FITTING, 3/8" MB - 1/4" MP, STEEL
14	1	H2F2	FITTING, PLUG, 1/4" COUPLING - FP
15	1	DP-37055-2	2 CONNECTOR POWER SPLITTER
16	2	G25179-0808X	FITTING, 1/2" HOSE - 1/2" FJ SWIVEL, 90 DEG SHORT, STEEL
17	2	H41388541	RELAY, 24V, WATER PROOF, 10/20A
18	1	784623	FUSE HOLDER, IN-LINE, ATO/ATC
19	1	1594-3300	OFF ROAD HYD. VALVE BOX
20	10		SPRAY HEAD HOSE CONNECTIONS
	20	G25170-0404X	FITTING, 1/4" HOSE - 1/4" FJ SWIVEL, STEEL
	-	4657-0120	HOSE, 1/4", HYDRAULIC, MEDIUM PRESSURE
23	1	PST-DCZ0903-W	CONVERTER, 12/24V - 9V DC
24	2	5ZMU8	SOCKET, WATER PROOF RELAY, WITH LEADS

ITEMS NOT SHOWN			
QTY.	PART NO.	STOCK DESC.	NOTES
1	DP-33026-3-002	KEYPAD/DISPLAY, 24V DC	
1	DP-34042-402	TERMINAL RESISTOR	LOCATED ON THE BACK OF THE CONTROL PAD
2	M-D185-XDBKIT	18 PIN CONNECTOR KIT	
1	DP-38022-400	PSF-2 CONNECTOR KIT	
1	RAM-202U	RAM MOUNT, 2.5" BASE	
1	RAM-107BU	RAM MOUNT, 1.5" RUGGED BASE	
1	RAM-201U	RAM MOUNT, DOUBLE SCKET ARM	
1		PVAS ASSEMBLY KIT	ROD CONNECTOR KIT, PART NUMBERS DIFFER BASED ON THE AMOUNT OF VALVES USED
3	7072-77501-7540060	Y-CABLE, 2' LENGTH	

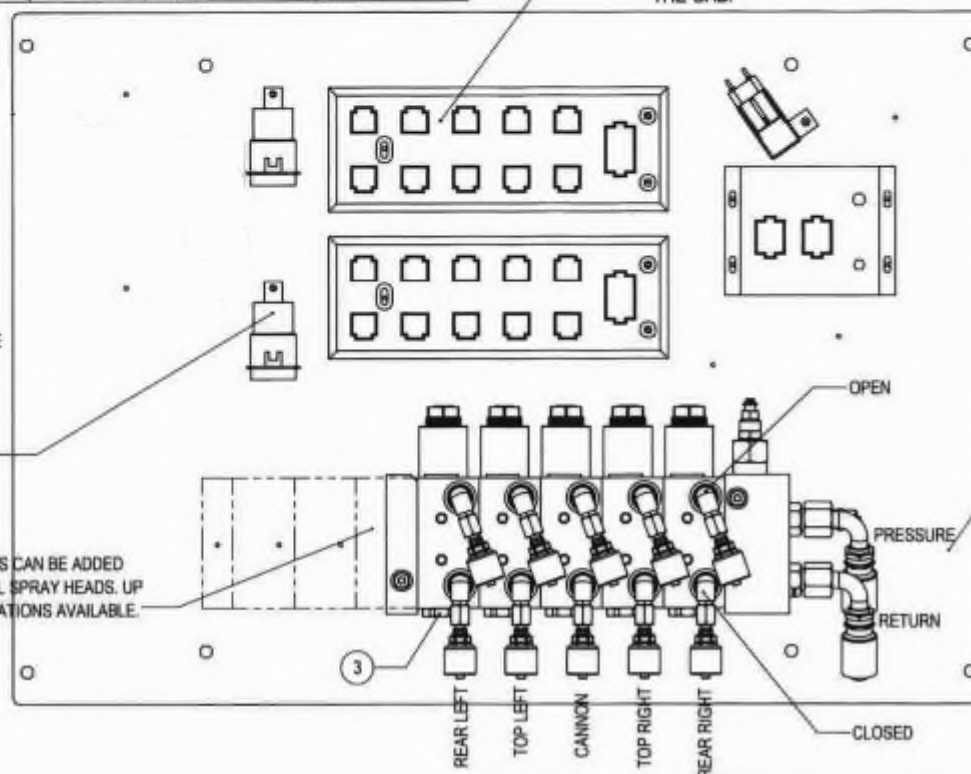


COMBO OUTPUT BLOCK IS USED WITH A TANK FILL INDICATOR. WHEN A TANK IS EQUIPPED WITH A DIGITAL LEVEL INDICATOR, TOGGING THE BOTTOM RIGHT BUTTON ON THE CONTROL PANEL BRINGS UP THE FILL DISPLAY ON THE CONTROLLER IN THE CAB.

ITEMS 1,2,3,4,5,6, 7, & 8 ARE TIED TO THE SPRAY HEAD COUNT. THIS ASSEMBLY MAKES UP THE CONTROL SYSTEM FOR (1) SPRAY HEAD UNIT.

OPEN CIRCUIT ALLOWS THE SPRAY HEAD TO BE OPEN AND PUSH WATER. CLOSED CIRCUIT HOLDS HYDRAULIC PRESSURE TO KEEP THE SPRAY HEAD CLOSED. CHECK VALVE (3) KEEPS THE SYSTEM PRESSURE FROM BLEEDING OFF WHEN VALVE IS CLOSED.

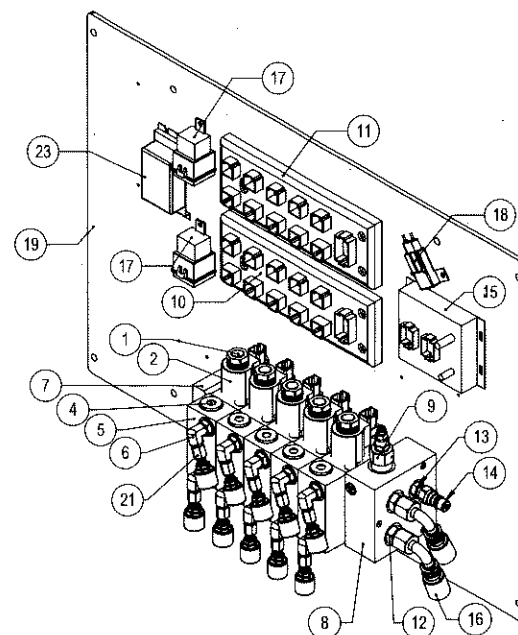
VALVE SECTIONS CAN BE ADDED FOR ADDITIONAL SPRAY HEADS. UP TO 8 CONFIGURATIONS AVAILABLE.



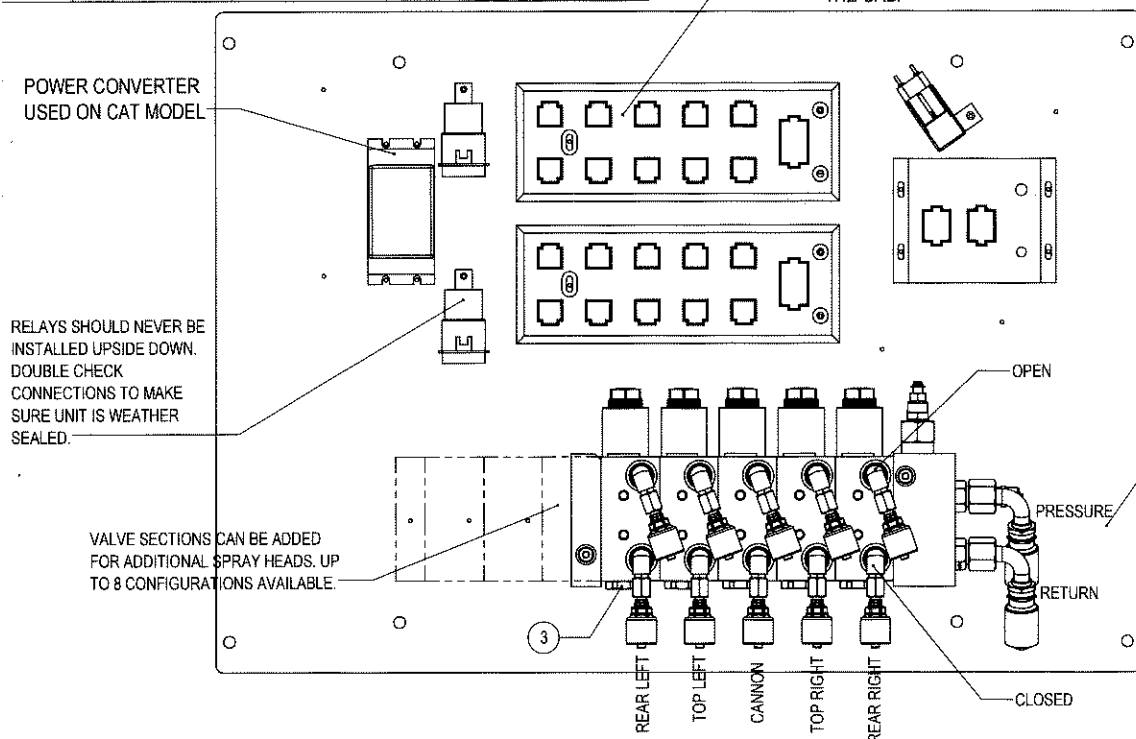
PART NO.	1634-7800	NAME	DATE
TOLERANCES:		MODEL BY:	MLC
UNLESS OTHERWISE SPECIFIED:		DRAWN BY:	MLC
FRACTIONAL:	± 1/8"	MATERIAL	ASM
ANGULAR:	± 1°	PROCESS	A
TWO PLACE DECIMAL:	± .01"	THICKNESS	
THREE PLACE DECIMAL:	± .005"	UNITS	in
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CURRY SUPPLY COMPANY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CURRY SUPPLY COMPANY IS PROHIBITED.		 TITLE: HYDRAULIC VALVE SYSTEM, OFF ROAD WATER, 5 VALVE	
		SIZE	REV
		B	0
		DRAWING NO. 1634-7800	
		WEIGHT:	

ITEM NO.	QTY.	PART NO.	STOCK DESC.
1	5	805314219	VALVE, SOLENOID, SV10-24-01-00-00-B-00
2	5	171149519	24V DE COIL, M16-24D-26W-DE
3	5	11169108	VALVE, CHECK, RPC06-5-00 PO
4	5	920000619	PLUG, CAVITY, NCS06/0
5	5	11195193	MVB10-W-LH-6S
6	10	6801-4-6	FITTING, 1/4 JIC - 3/8 MOR, 90 DEG, STEEL
7	1	11187937	MVB10-E
8	1	11233610	INLET W/CAVITY FOR REDUCING VALVE
9	1	83020488	VALVE, REDUCING, PRMP PRMP 064-EN-1-00-35
10	1	DP-34044-5-100	OUTPUT BLOCK (COMPUTER)
11	1	DP-34044-1	INPUT/OUTPUT COMBO BLOCK
12	2	6400-8	FITTING, 1/2" MJ - 1/2" MB
13	1	6401-6-4	FITTING, 3/8" MB - 1/4" MP, STEEL
14	1	H2F2	FITTING, PLUG, 1/4" COUPLING - FP
15	1	DP-37055-2	2 CONNECTOR POWER SPLITTER
16	2	G25179-0808X	FITTING, 1/2" HOSE - 1/2" FJ SWIVEL, 90 DEG SHORT, STEEL
17	2	H41388541	RELAY, 24V, WATER PROOF, 10/20A
18	1	784623	FUSE HOLDER, IN-LINE, ATO/ATC
19	1	1594-3300	OFF ROAD HYD. VALVE BOX
20	10		SPRAY HEAD HOSE CONNECTIONS
	20	G25170-0404X	FITTING, 1/4" HOSE - 1/4" FJ SWIVEL, STEEL
	-	4657-0120	HOSE, 1/4", HYDRAULIC, MEDIUM PRESSURE
23	1	PST-DCZ0903-W	CONVERTER, 12/24V - 9V DC
24	2	SZMU8	SOCKET, WATER PROOF RELAY, WITH LEADS

ITEMS NOT SHOWN			
QTY.	PART NO.	STOCK DESC.	NOTES
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1	DP-34042-402	TERMINAL RESISTOR	LOCATED ON THE BACK OF THE CONTROL PAD
2	M-D185-XDBKIT	18 PIN CONNECTOR KIT	
1	DP-38022-400	PSF-2 CONNECTOR KIT	
1	RAM-202U	RAM MOUNT, 2.5" BASE	
1	RAM-107BU	RAM MOUNT, 1.5" RUGGED BASE	
1	RAM-201U	RAM MOUNT, DOUBLE SOCKET ARM	
1		PVAS ASSEMBLY KIT	ROD CONNECTOR KIT. PART NUMBERS DIFFER BASED ON THE AMOUNT OF VALVES USED.
3	7072-77501-7540060	Y-CABLE, 2' LENGTH	



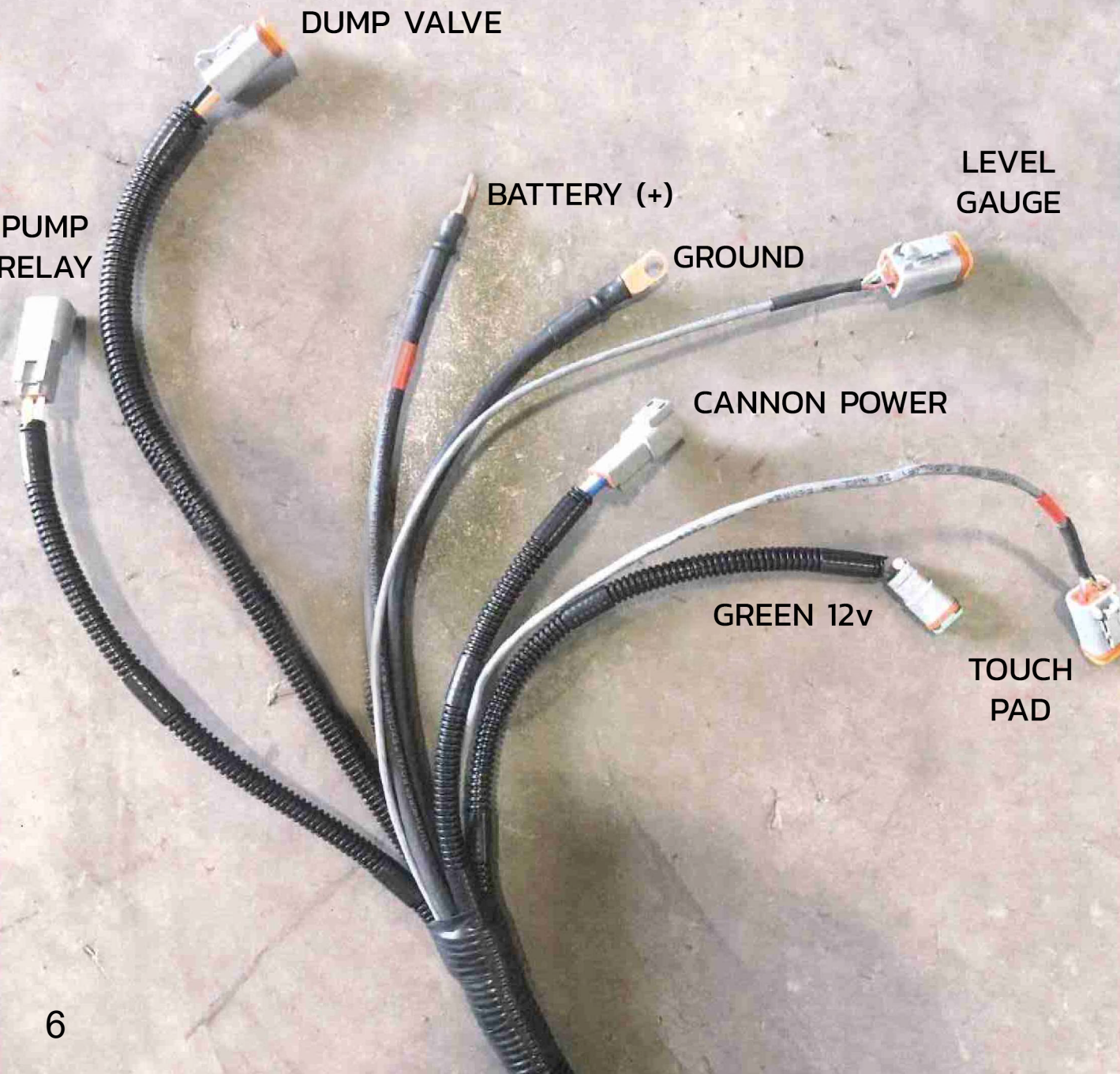
COMBO OUTPUT BLOCK IS USED WITH A TANK FILL INDICATOR. WHEN A TANK IS EQUIPPED WITH A DIGITAL LEVEL INDICATOR, TOGGING THE BOTTOM RIGHT BUTTON ON THE CONTROL PANEL BRINGS UP THE FILL DISPLAY ON THE CONTROLLER IN THE CAB.



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OPEN CIRCUIT ALLOWS THE SPRAY HEAD TO BE OPEN AND PUSH WATER. CLOSED CIRCUIT HOLDS HYDRAULIC PRESSURE TO KEEP THE SPRAY HEAD CLOSED. CHECK VALVE (3) KEEPS THE SYSTEM PRESSURE FROM BLEEDING OFF WHEN VALVE IS CLOSED.

PART NO.	1634-7800	NAME	DATE
TOLERANCES:		MODEL BY:	MLC 10/02/20
UNLESS OTHERWISE SPECIFIED:		DRAWN BY:	MLC 10/02/20
FRACTIONAL: $\pm 1/8"$		MATERIAL	ASM
ANGULAR: $\pm 1^\circ$		PROCESS	A
TWO PLACE DECIMAL $\pm .01"$		THICKNESS	
THREE PLACE DECIMAL $\pm .005"$		UNITS	in
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CURRY SUPPLY COMPANY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CURRY SUPPLY COMPANY IS PROHIBITED.		Curry Supply Co. TITLE: HYDRAULIC VALVE SYSTEM, OFF ROAD WATER, 5 VALVE SIZE B DRAWING NO. 1634-7800 REV 0 WEIGHT:	
DO NOT SCALE DRAWING			



DUMP VALVE

PUMP
RELAY

BATTERY (+)

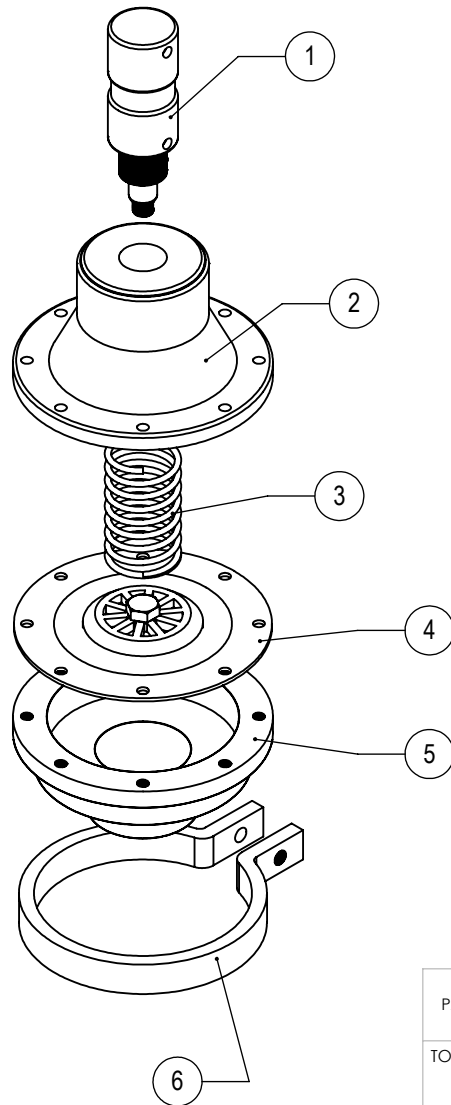
GROUND

LEVEL
GAUGE

CANNON POWER

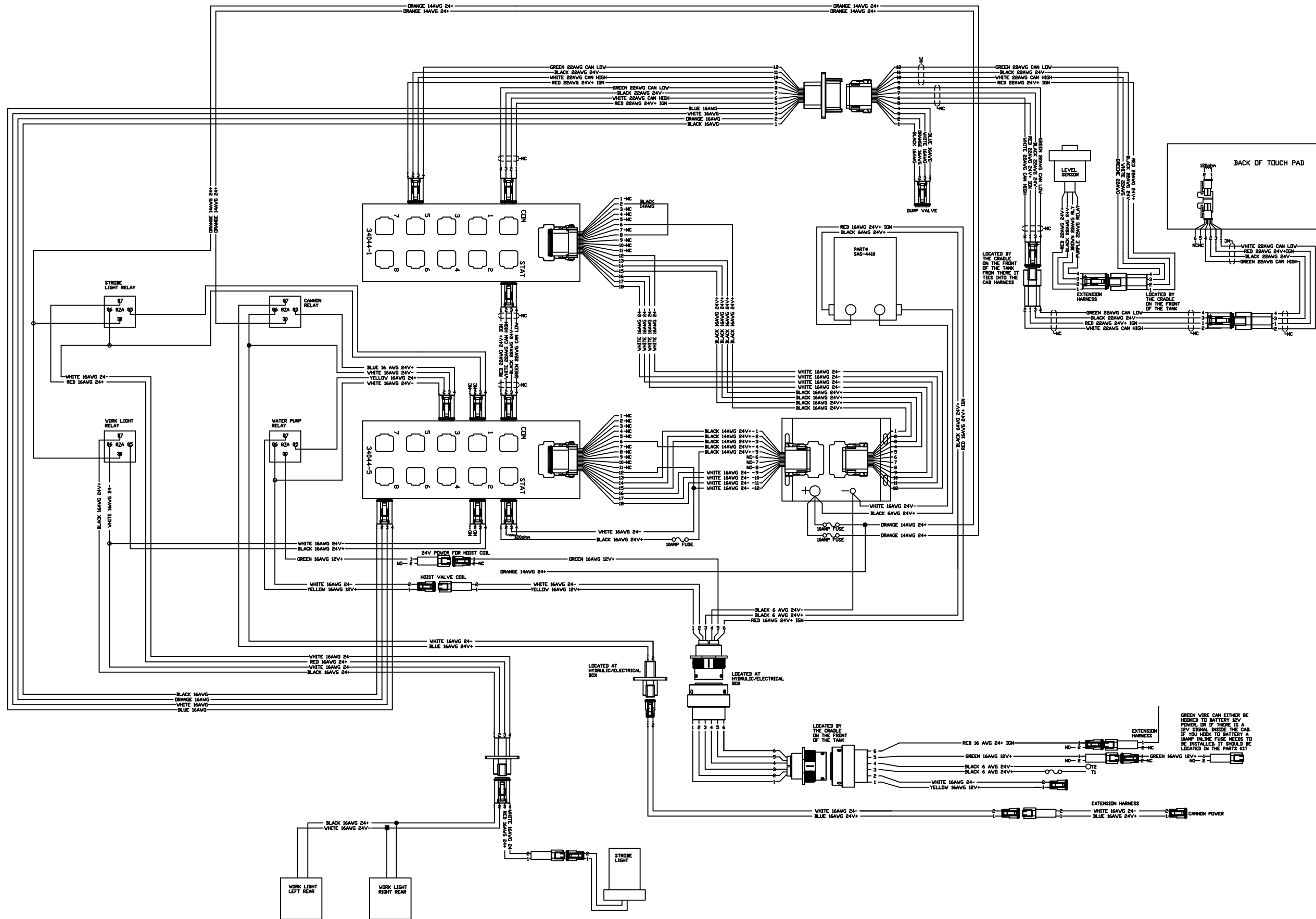
GREEN 12v

TOUCH
PAD

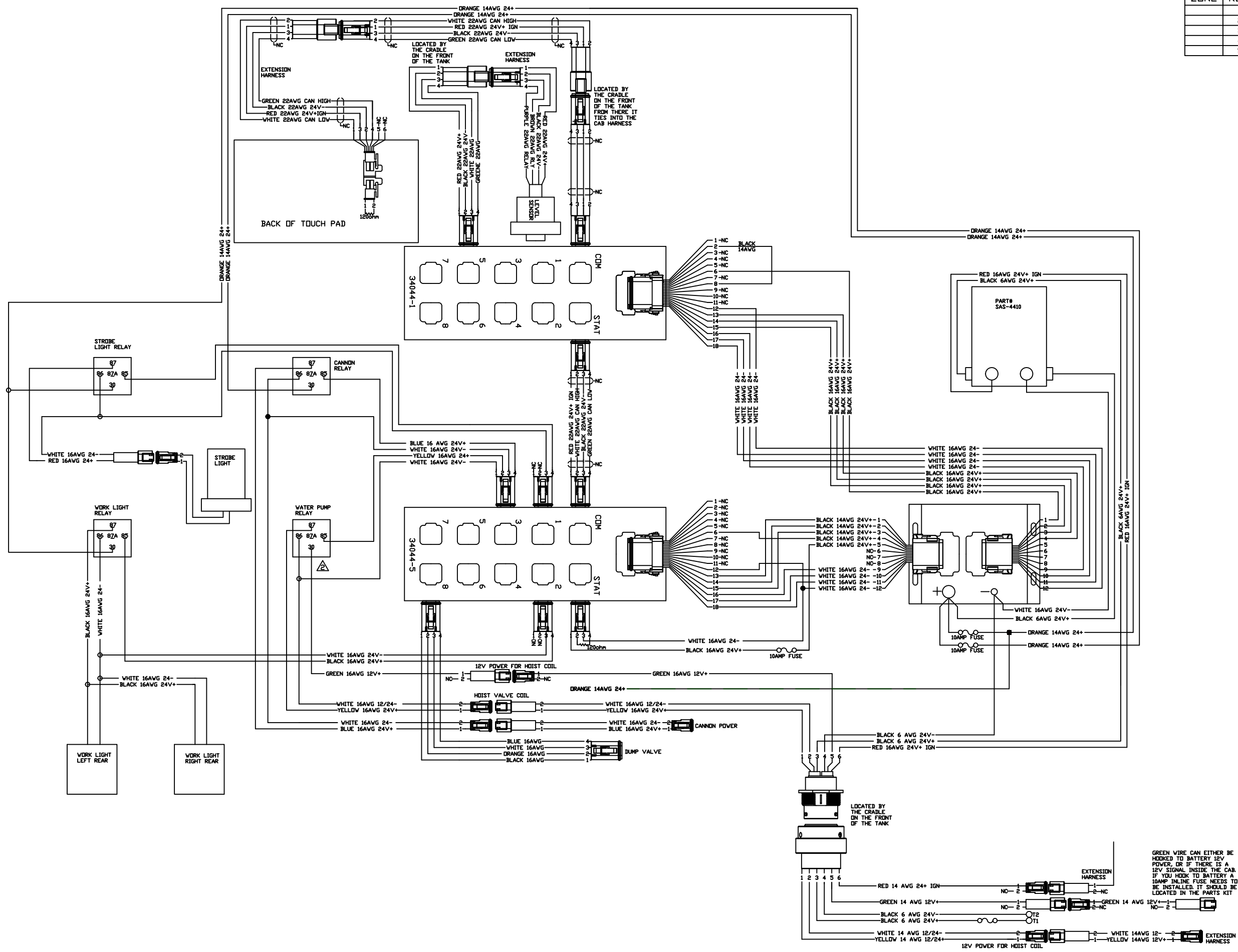


ITEM NO.	QTY.	PART NO.	STOCK DESC.
1	1	2021CYL	CYLINDER, HYDRAULIC SPRAY HEAD
2	1	2021LID	LID, HYDRAULIC SPRAY HEAD
3	1	2021HYD-SPRING	SPRING, HYDRAULIC SPRAY HEAD
4	1	2021HYD-RDK	KIT, 2021 SPRAY HEAD INTERNAL COMPONENTS
5	1	2021HOU	HOUSING, HYDRAULIC SPRAY HEAD
6	1	2021CL	CLAMP, HYDRAULIC SPRAY HEAD

PART NO.	2021HYD	NAME	DATE			
TOLERANCES: UNLESS OTHERWISE SPECIFIED: FRACTIONAL: $\pm 1/8"$ ANGULAR: $\pm 1^\circ$ TWO PLACE DECIMAL $\pm .01"$ THREE PLACE DECIMAL $\pm .005"$ PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CURRY SUPPLY COMPANY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CURRY SUPPLY COMPANY IS PROHIBITED.		MODEL BY:				
		DRAWN BY:				
		MATERIAL	ASM			
		PROCESS	PA - Purchased Assemble	TITLE: SPRAY HEAD, OFF ROAD, HYDRAULIC ACTUTAEED		
		THICKNESS				
		UNITS	in	SIZE A	DRAWING NO. 2021HYD	REV 0
		DO NOT SCALE DRAWING		WEIGHT: 40.90		



TITLE: 12V HOIST CIRCUIT Hydraulic Box New Design		DATE: 4/2/2024
SIZE A3	DRAWING NO. 2187-1025	REV 5
SCALE: NTS	DRAWN BY: JS	SHEET 1 OF 4

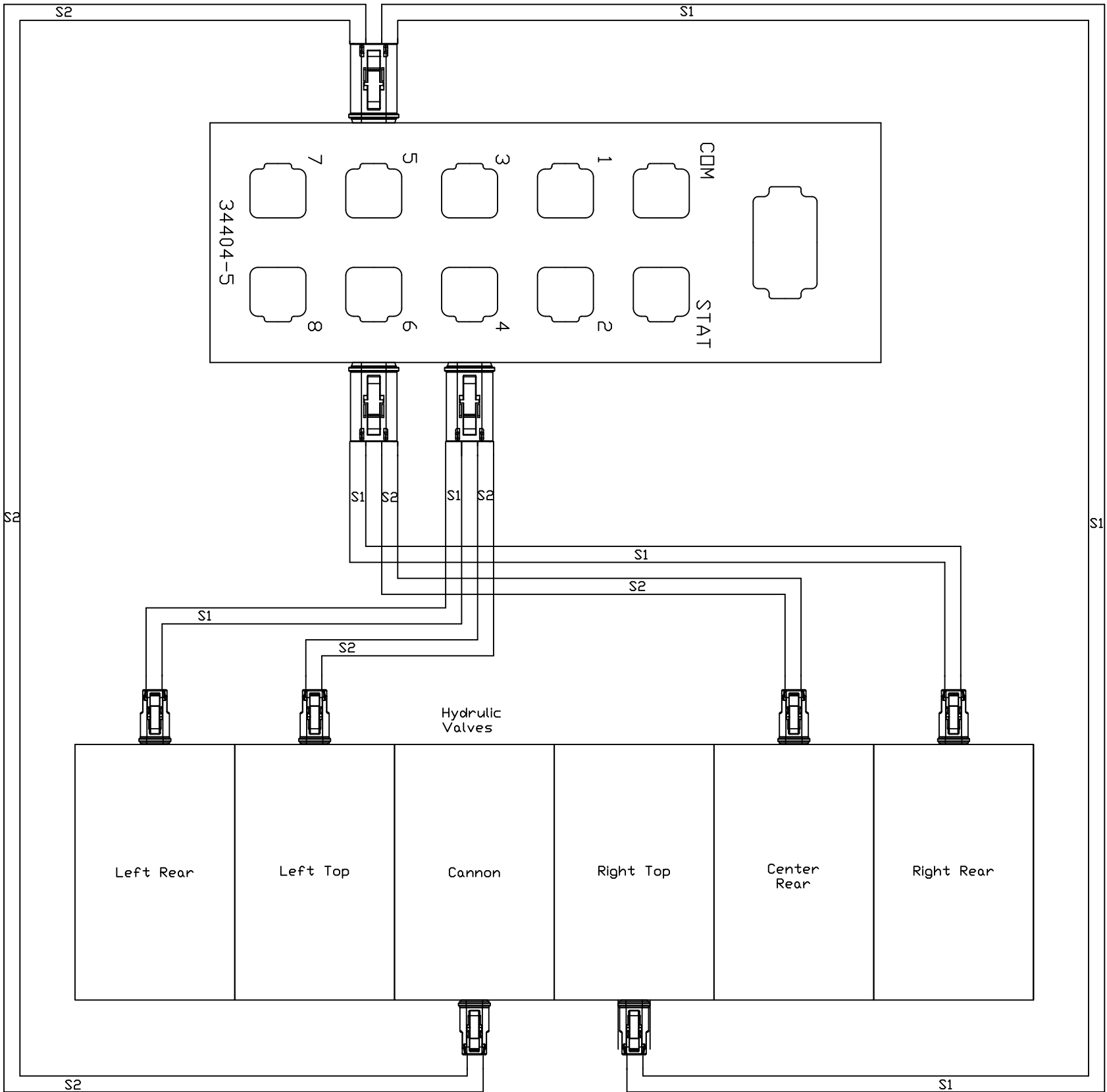


REVISION TABLE				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	added new hydraulic valve dwg on page 3	08/17/2023	JS
	2	added komatsu hoist circuit dwg	10/31/2023	JS
	3	ADDED VULKIN OFF ROAD CIRCUIT	12/12/2023	JS
	4	ADDED EPC SOL A	03/19/2024	JS
	5	ADDED NEW STYLE HYD BOX	04/02/2024	JS

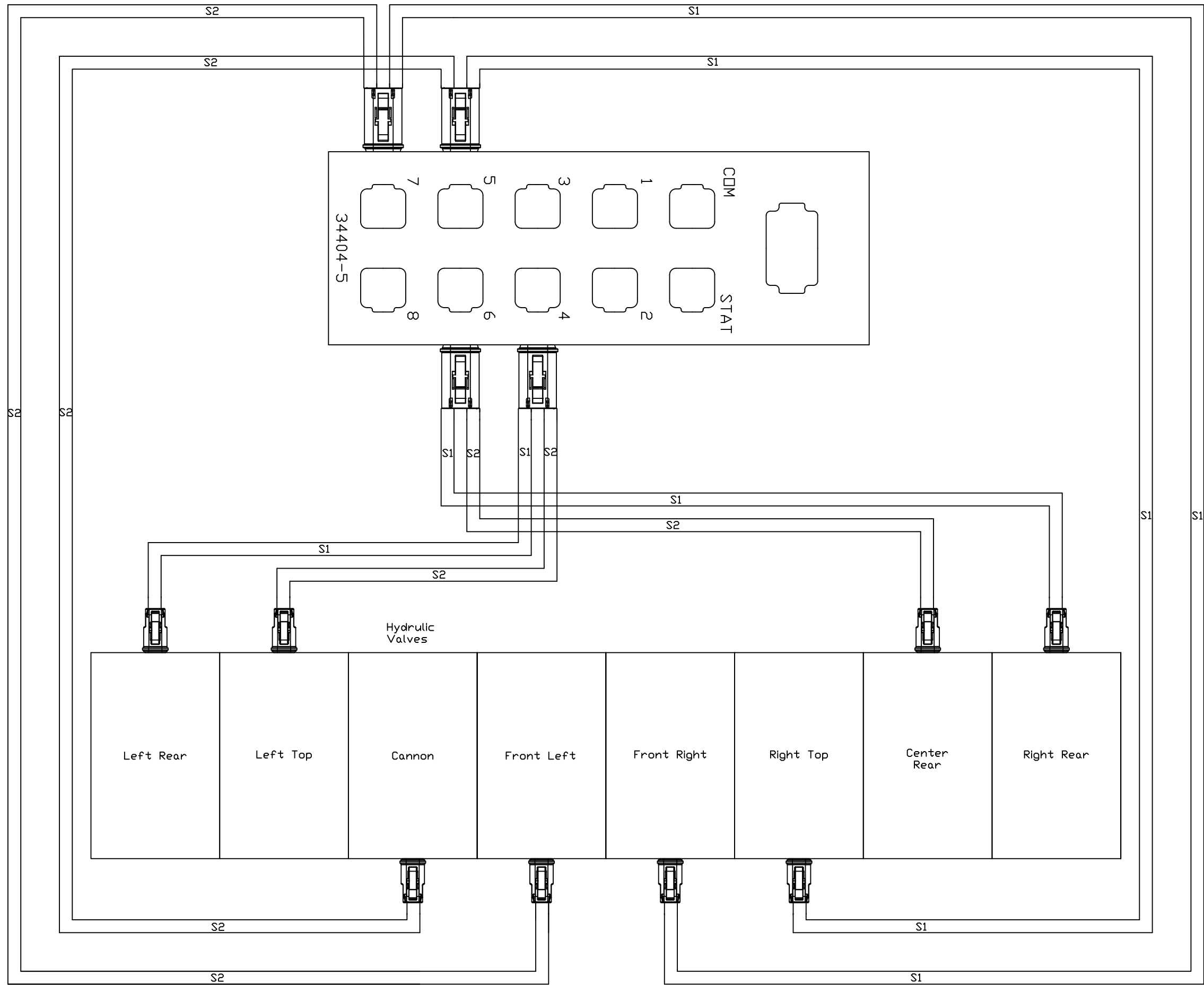


TITLE: 12V HOIST CIRCUIT Hydraulic Box		DATE: 5/24/2023
SIZE A3	DRAWING NO. 2187-1025	REV 5
SCALE: NTS		SHEET 1 OF 4

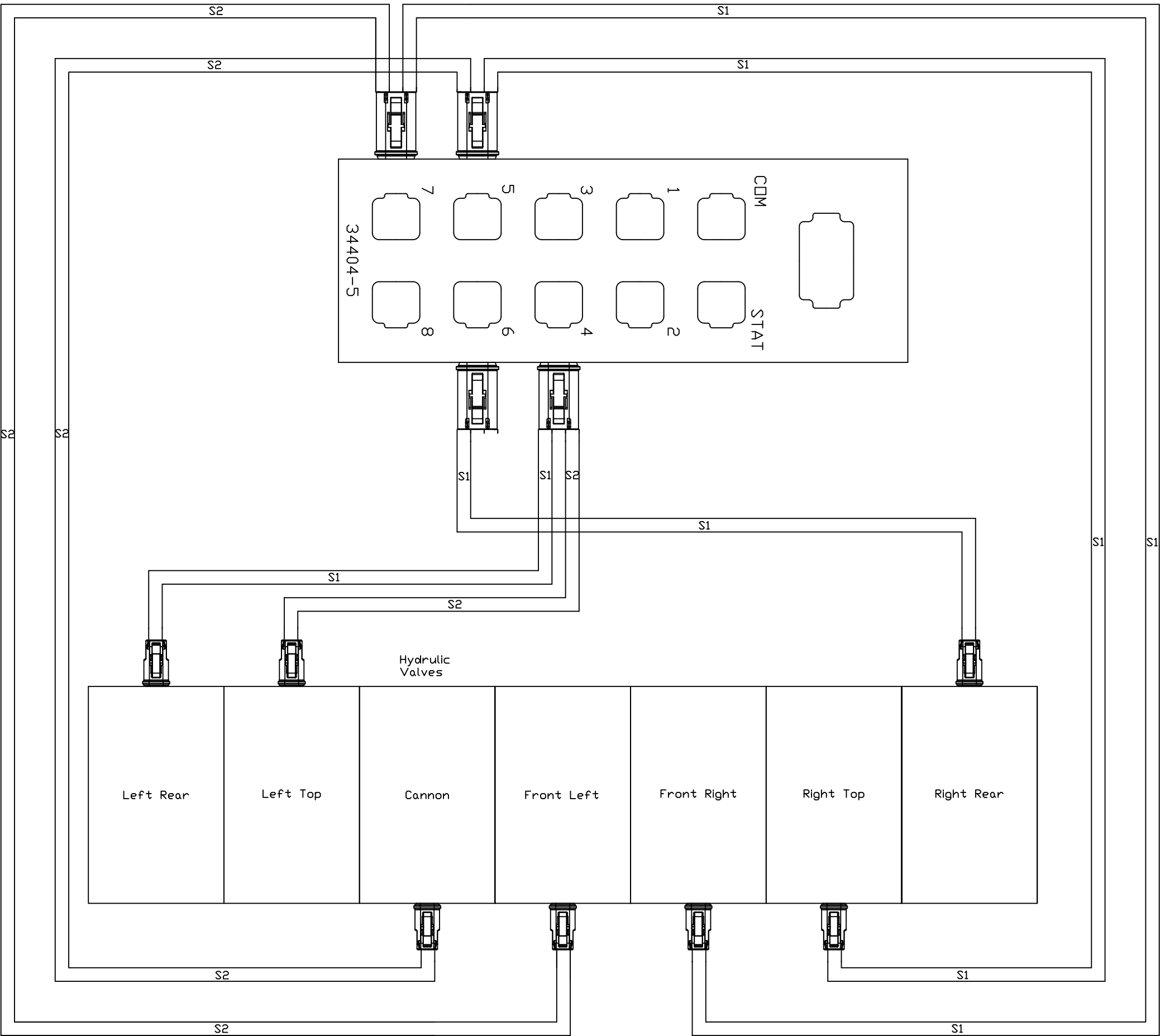
GREEN WIRE CAN EITHER BE HOOKED TO BATTERY 12V POWER, OR IF THERE IS A 12V SIGNAL INSIDE THE CAB. IF YOU HOOK TO BATTERY A 10AMP INLINE FUSE NEEDS TO BE INSTALLED. IT SHOULD BE LOCATED IN THE PARTS KIT



TITLE: HYDRAULIC VALVE WIRING		DATE: 5/24/2023
SIZE A3	DRAWING NO. 2187-1025	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 1 OF 4

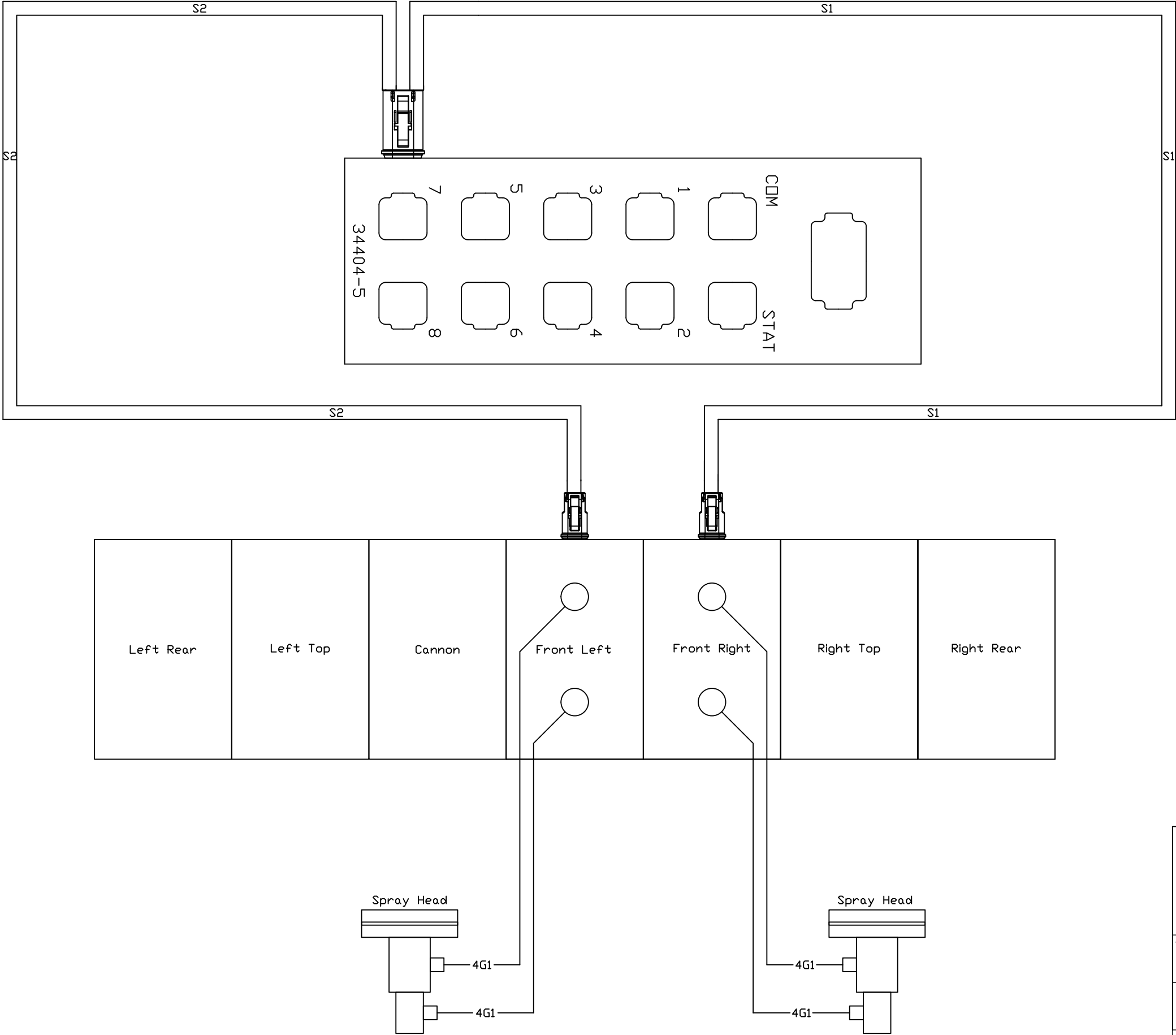


TITLE: HYDRAULIC VALVE WIRING		DATE: 5/24/2023
SIZE A3	DRAWING NO. 2187-1025	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 2 OF 4



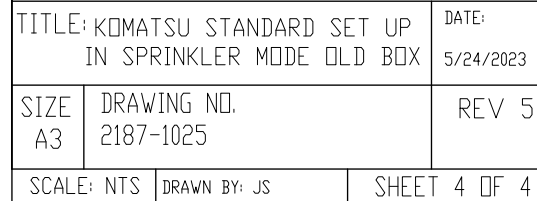
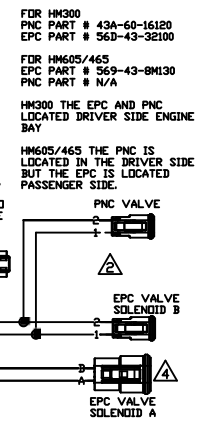
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SIZE A3	DRAWING NO. 2187-1025	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 3 OF 4

- NOTES:
- 1. S1 AND S2 ARE LABELED ON THE HARNESS
 - 2. MUST USE 4G1 OR EQUIVALENT



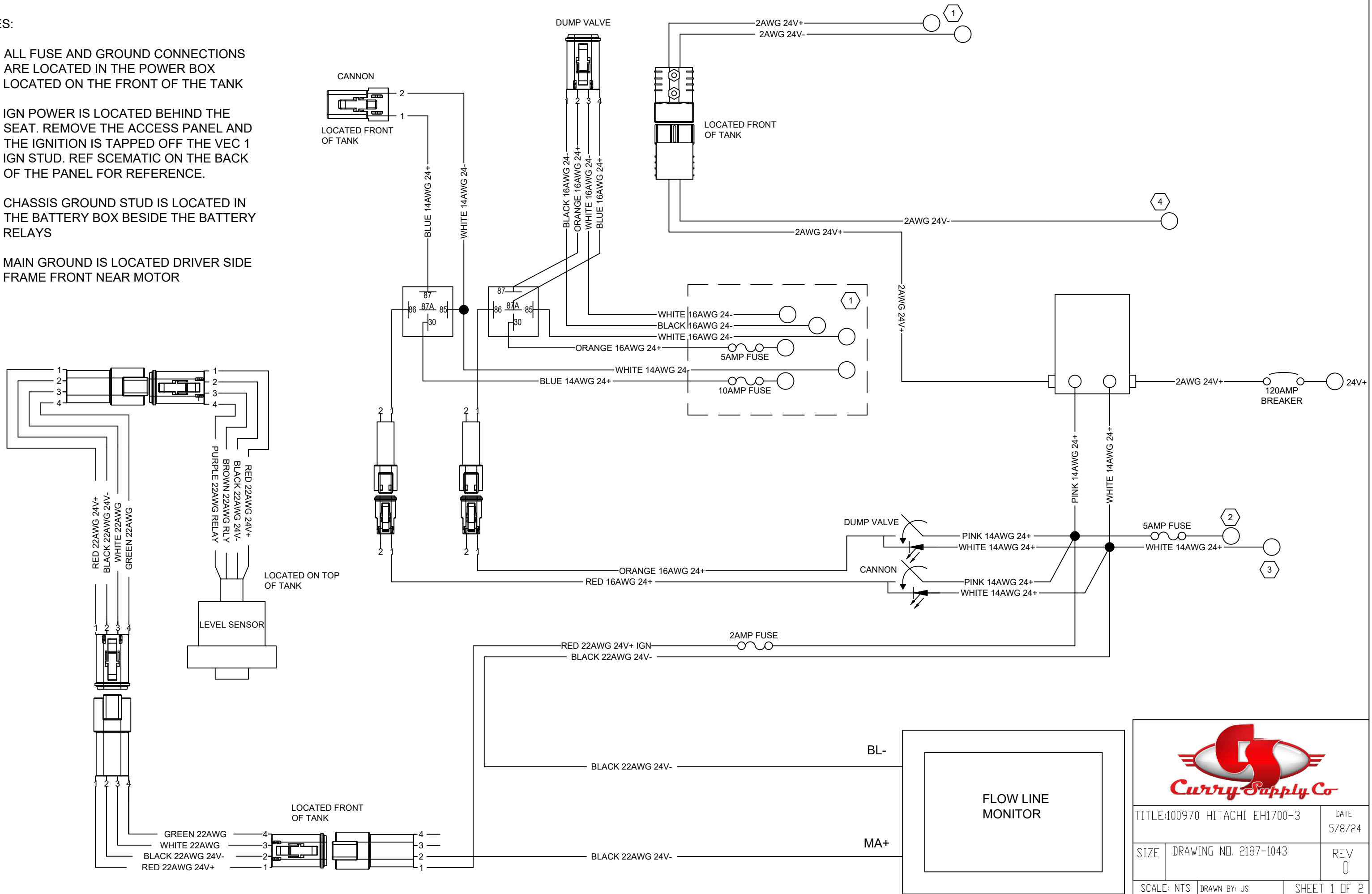


TITLE: HYDRAULIC VALVE WIRING		DATE: 4/2/2024
SIZE A3	DRAWING NO. 2187-1025	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 4 OF 4

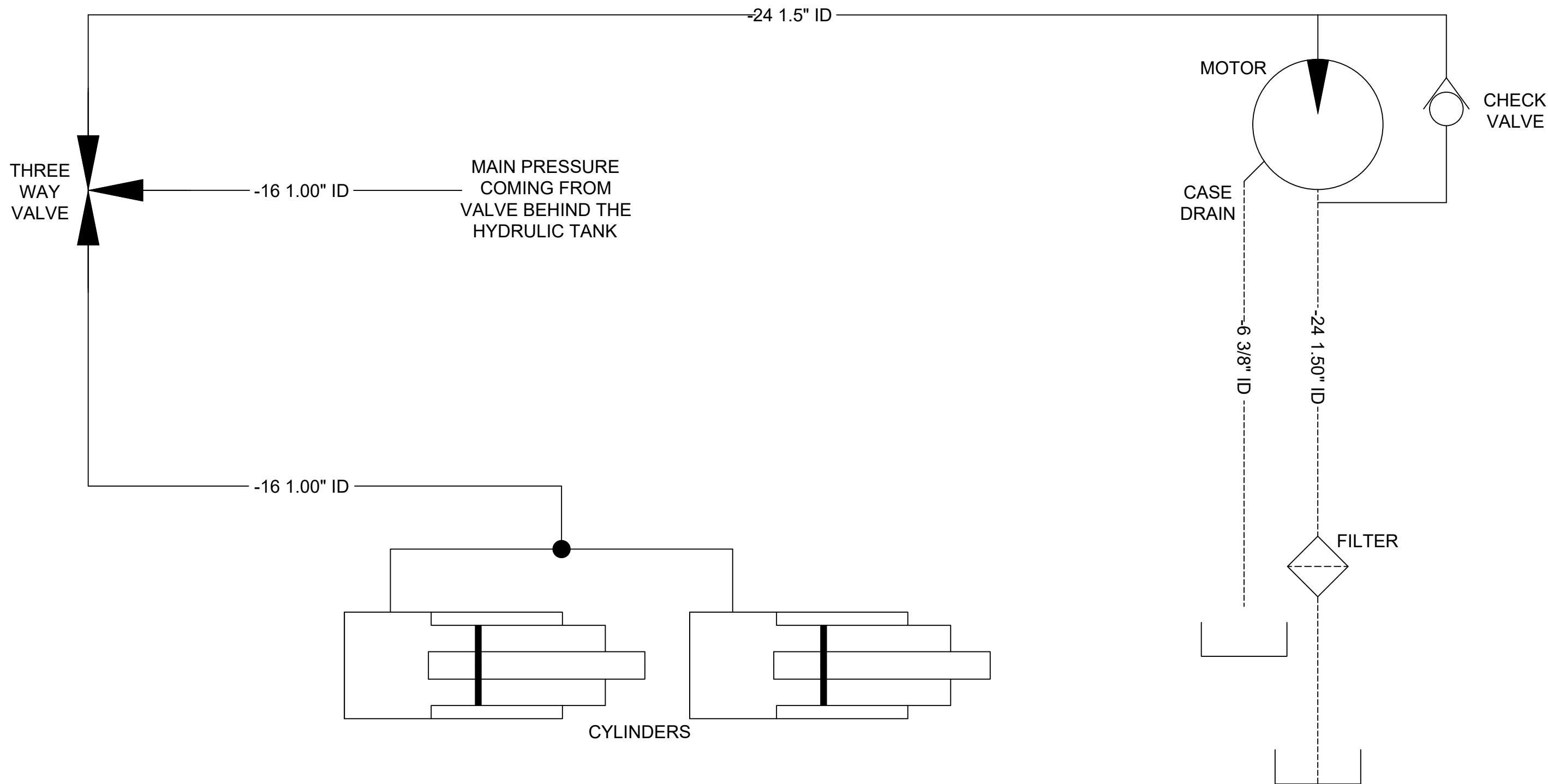


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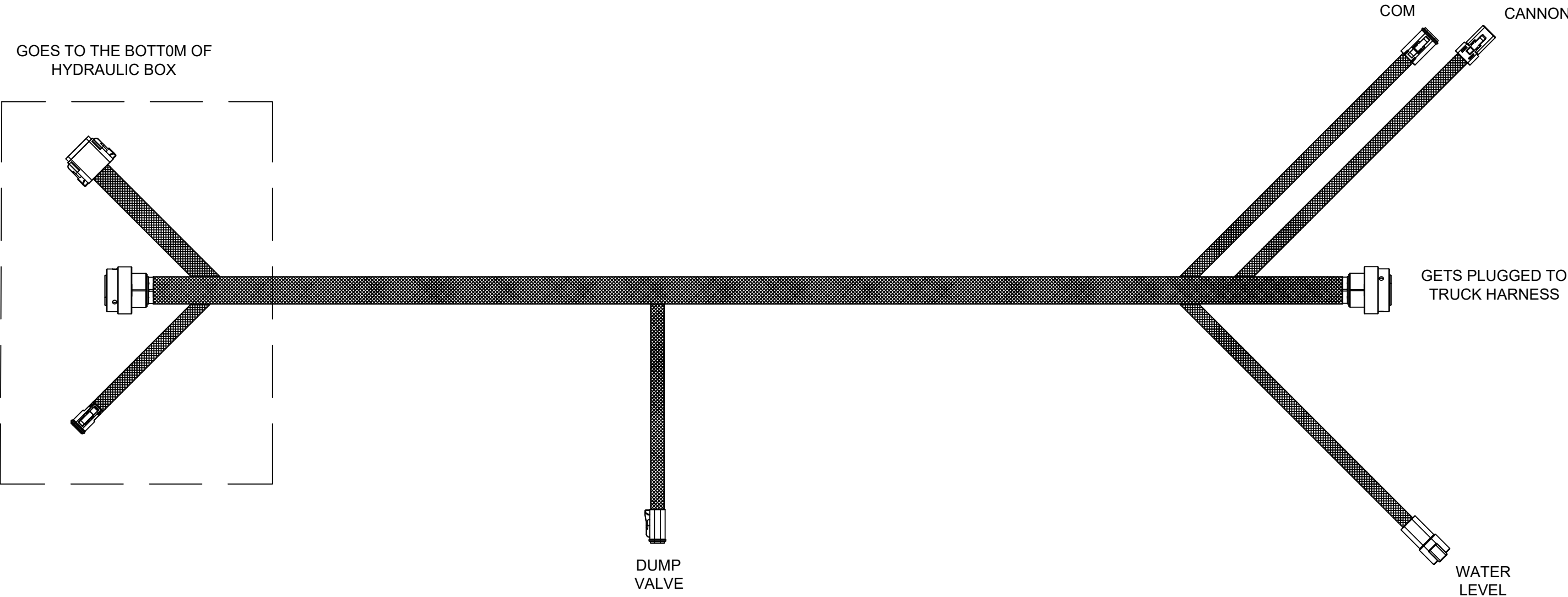
- 1 ALL FUSE AND GROUND CONNECTIONS ARE LOCATED IN THE POWER BOX LOCATED ON THE FRONT OF THE TANK
- 2 IGN POWER IS LOCATED BEHIND THE SEAT. REMOVE THE ACCESS PANEL AND THE IGNITION IS TAPPED OFF THE VEC 1 IGN STUD. REF SCHEMATIC ON THE BACK OF THE PANEL FOR REFERENCE.
- 3 CHASSIS GROUND STUD IS LOCATED IN THE BATTERY BOX BESIDE THE BATTERY RELAYS
- 4 MAIN GROUND IS LOCATED DRIVER SIDE FRAME FRONT NEAR MOTOR



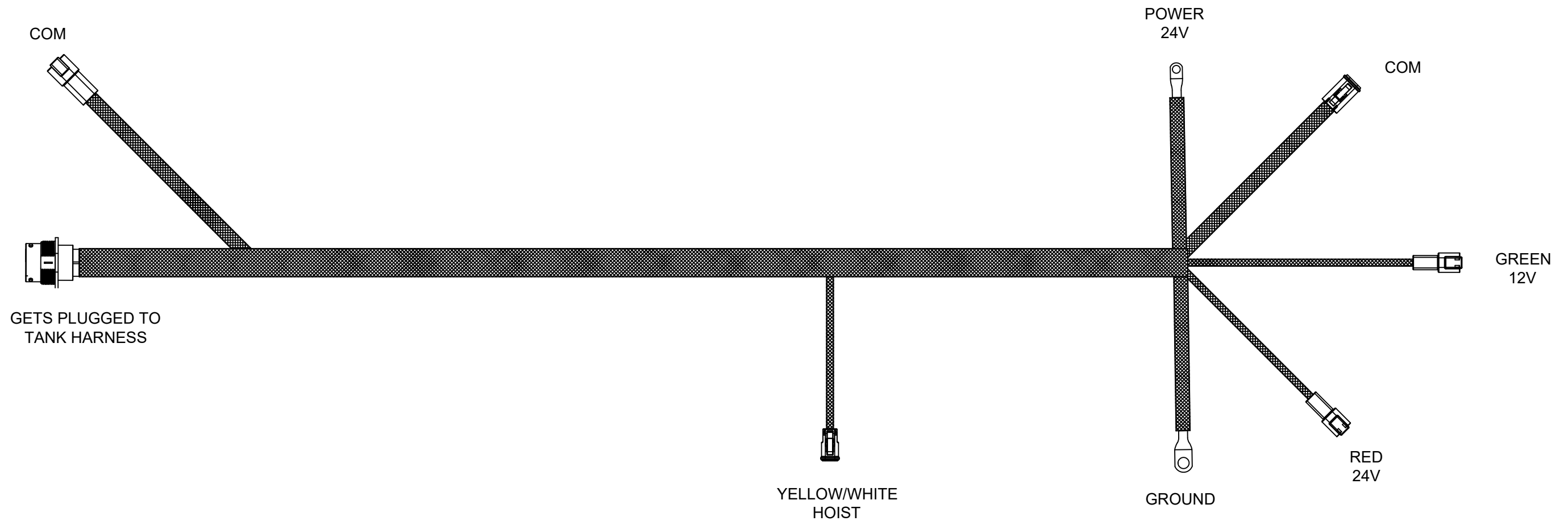
TITLE:100970 HITACHI EH1700-3		DATE 5/8/24
SIZE	DRAWING NO. 2187-1043	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 1 OF 2



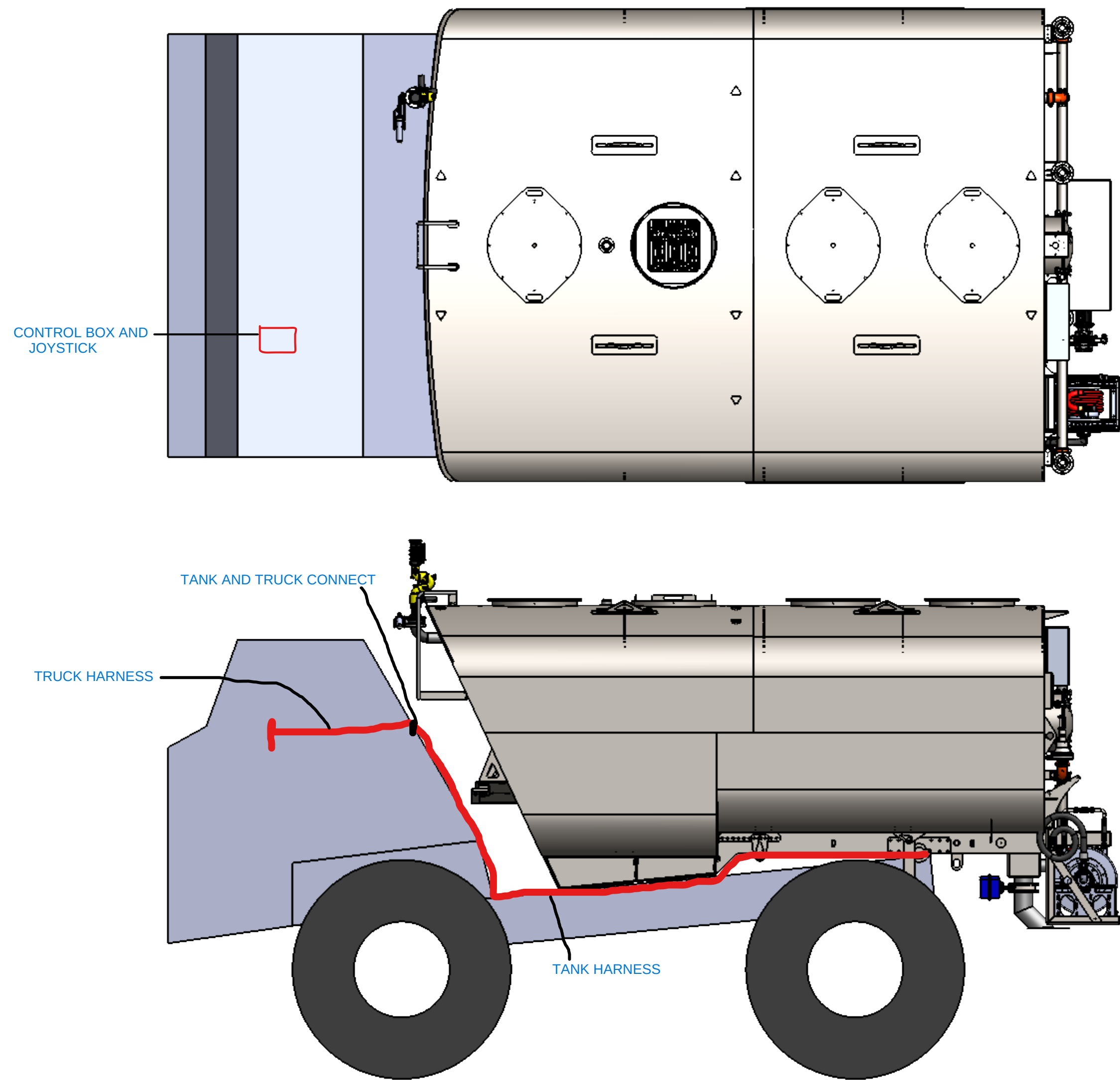
TITLE:100970 HITACHI EH1700-3		DATE 5/8/24
SIZE	DRAWING NO. 2187-1043	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 2 OF 2



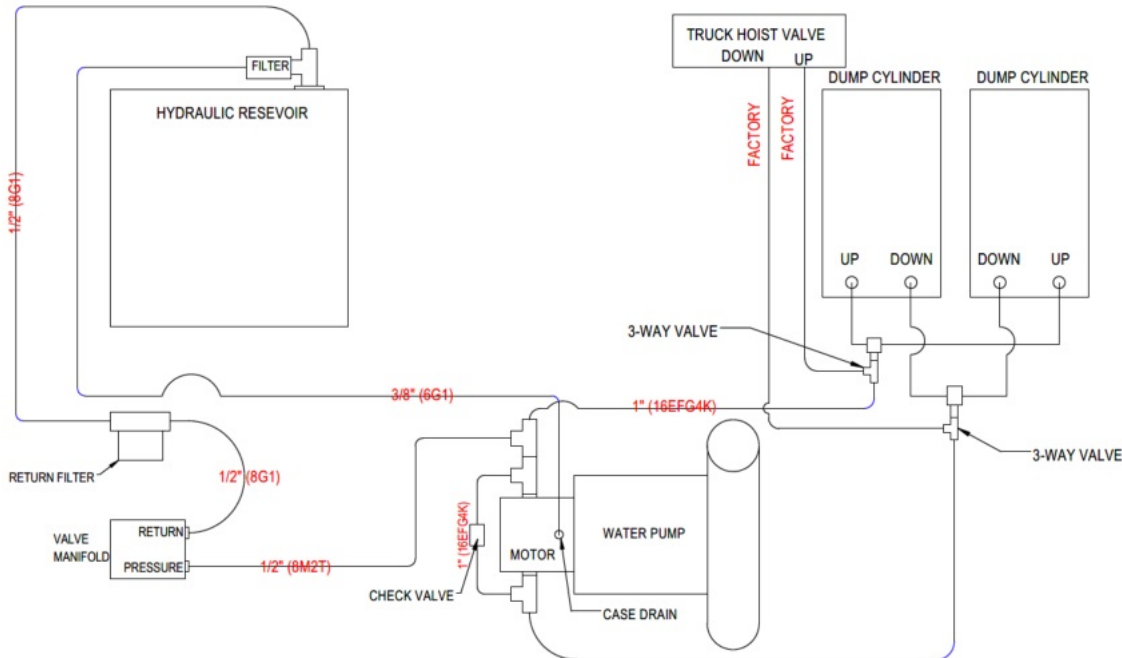
PART NO.			NAME	DATE					
			MODEL BY:	TK					9/25/25
TOLERANCES: UNLESS OTHERWISE SPECIFIED: FRACTIONAL: ± 1/2" ANGULAR: ± 1° TWO PLACE DECIMAL ± .01" THREE PLACE DECIMAL ± .005"			DRAWN BY:	TK					9/25/25
			MATERIAL						
			PROCESS						
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CURRY SUPPLY COMPANY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CURRY SUPPLY COMPANY IS PROHIBITED.			THICKNESS		TITLE: RIGID TANK HARN				
			UNITS in						
			DO NOT SCALE DRAWING		SIZE B	DRAWING NO. 2187-1095		REV 0	
		SCALE: NTS	WEIGHT:		SHEET 3 OF 3				



PART NO.		NAME		DATE						
		MODEL BY:	TK	9/25/25						
		DRAWN BY:	TK	9/25/25						
TOLERANCES: UNLESS OTHERWISE SPECIFIED: FRACTIONAL: ± 1/2" ANGULAR: ± 1° TWO PLACE DECIMAL ± .01" THREE PLACE DECIMAL ± .005"						MATERIAL				
						PROCESS				
						THICKNESS				
						TITLE: RIGID TRUCK HARN				
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CURRY SUPPLY COMPANY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CURRY SUPPLY COMPANY IS PROHIBITED.						SIZE	DRAWING NO. 2187-1096			REV
						B				1
						DO NOT SCALE DRAWING		SCALE: NTS	WEIGHT:	



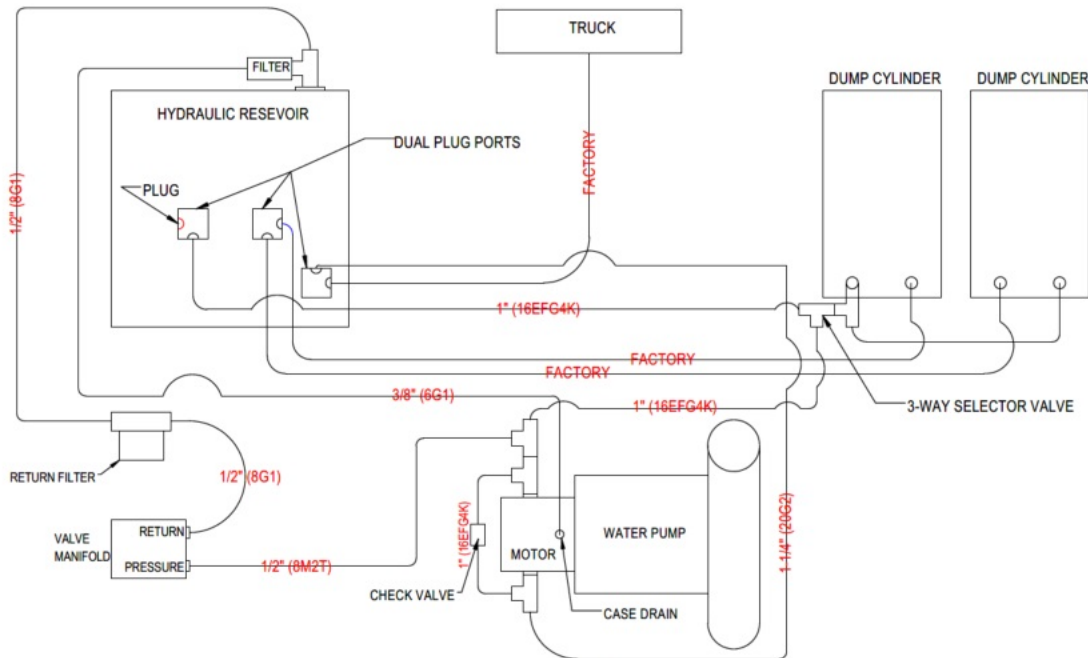
PART NO: assembly with 12K		NAME		DATE			
TOLERANCES: UNLESS OTHERWISE SPECIFIED: FRACTIONAL: ± 1/8" ANGULAR: ± 1° TWO PLACE DECIMAL ± .001" THREE PLACE DECIMAL ± .005" MACHINING MARKS MUST ACCOMPANY ANY DECIMAL DIMENSION FOR TOLERANCES ABOVE TO APPLY		MODEL BY:					
		DRAWN BY:					
		MATERIAL	ASM				
		PROCESS					
		THICKNESS					
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CURRY SUPPLY COMPANY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CURRY SUPPLY COMPANY IS PROHIBITED.		UNITS	in		SIZE	DRAWING NO.	REV
				assembly with 12K		0	
		DO NOT SCALE DRAWING		SCALE: 1:35	WEIGHT: 95033.579	SHEET 1 OF 1	



JOB NUMBER		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	Curry Supply Co. TITLE: 2-LINE DUMP CYLINDER CONNECTIONS SIZE PART NO. A 1630-1100 REV
DRAWING NO.		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/8"$ ANGULAR: MACH $\pm$ BEND $\pm 1"$ TWO PLACE DECIMAL $\pm .01$ THREE PLACE DECIMAL $\pm .005$	MODEL BY:		
QUANTITY			DRAWN BY:	MLC	
CUSTOMER			ENG APPR.		
DESIGN STATUS		ALL TOLERANCES ARE $\pm 1/8"$ UNLESS NOTED.	MFG APPR.		
THICKNESS		MATERIAL	Q.A.		NO MODEL - DRAWING ONLY
UNITS		Process	COMMENTS:		
APPLICATION		DO NOT SCALE DRAWING			

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PROPRIETARY AND CONFIDENTIAL
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JOB NUMBER		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
DRAWING NO.		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/8"$ ANGULAR: MACH $\pm$ BEND $\pm 1"$ TWO PLACE DECIMAL $\pm .01$ THREE PLACE DECIMAL $\pm .005$	MODEL BY:	3/22/17
QUANTITY			DRAWN BY:	MLC
CUSTOMER			ENG APPR.	
DESIGN STATUS		ALL TOLERANCES ARE $\pm 1/8"$ UNLESS NOTED.	MFG APPR.	
THICKNESS		MATERIAL	Q.A.	
UNITS		Process	COMMENTS:	
APPLICATION		DO NOT SCALE DRAWING	NO MODEL - DRAWING ONLY	

Curry Supply Co.

TITLE:

**4-LINE DUMP CYLINDER
CONNECTIONS**

SIZE

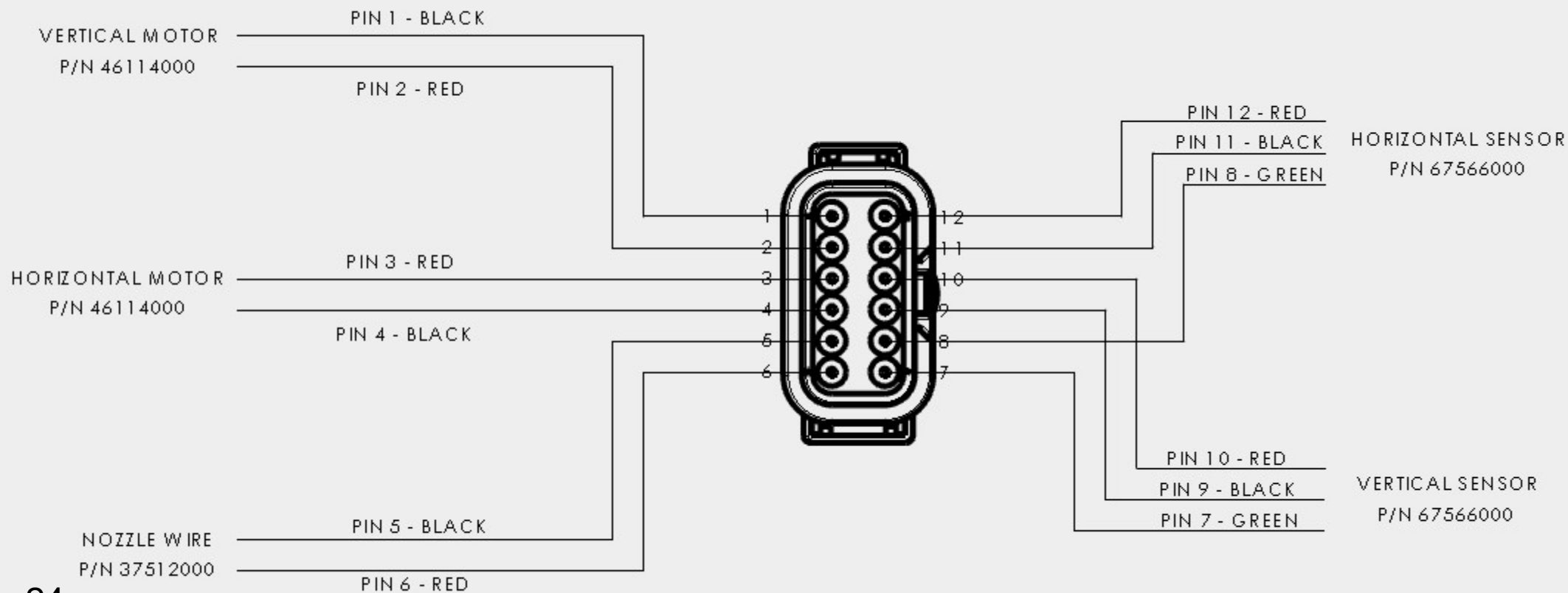
PART NO.

REV

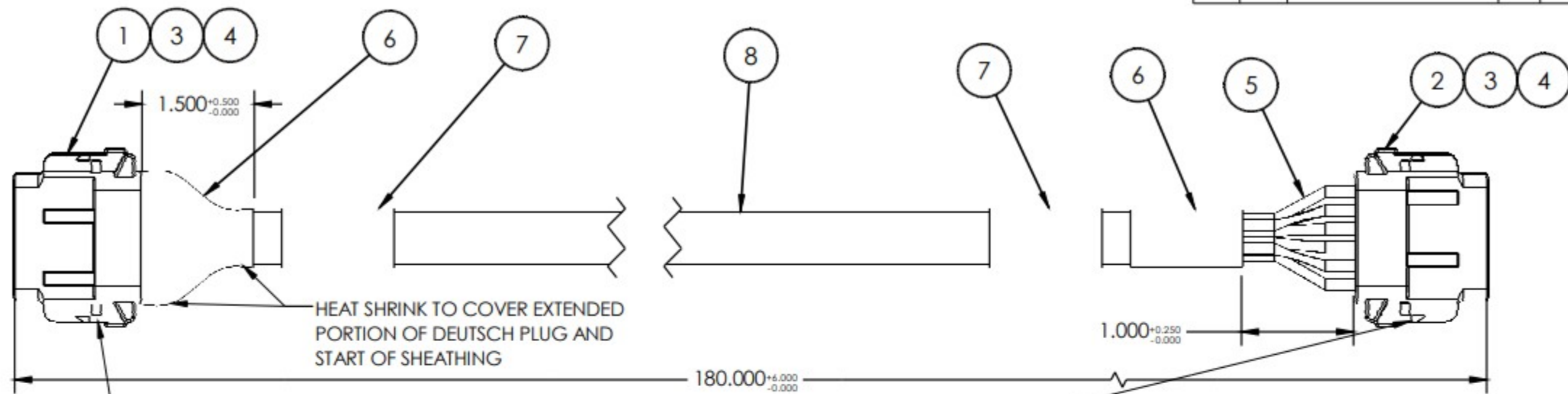
A

1630-1000

SHEET 1 OF 2



REV.	ZONE	DESCRIPTION	BY	ECN
REL		RELEASE TO PRODUCTION	KAP	NUMBER
				181009



POSITION	WIRE COLOR	WIRE SIZE
1	RED	18 AWG
2	BLACK	18 AWG
3	BLUE	18 AWG
4	WHITE	18 AWG
5	ORANGE	18 AWG
6	GREEN	18 AWG
7	YELLOW	18 AWG
8	PURPLE	18 AWG
9	BROWN	18 AWG
10	RED/WHITE	18 AWG
11	BLACK/WHITE	18 AWG
12	BLUE/WHITE	18 AWG

POSITION	WIRE COLOR	WIRE SIZE
1	RED	18 AWG
2	BLACK	18 AWG
3	BLUE	18 AWG
4	WHITE	18 AWG
5	ORANGE	18 AWG
6	GREEN	18 AWG
7	YELLOW	18 AWG
8	PURPLE	18 AWG
9	BROWN	18 AWG
10	RED/WHITE	18 AWG
11	BLACK/WHITE	18 AWG
12	BLUE/WHITE	18 AWG

NOTES:

- 1) HARNESS IS TO ACT AS AN EXTENSION OR JUMPER WIRE. DEUTSCH PLUGS SHOULD BE WIRED 1 TO 1, 2 TO 2, ETC.
- 2) HARNESS TO BE APPROXIMATELY 15 FT IN LENGTH.
- 3) WIRE/INSULATION DIAMETER TO BE BETWEEN 0.053" AND 0.120".
- 4) HARNESS MANUFACTURER TO ENSURE THERE ARE NO OPENS, CROSSES, OR SHORTS FOR EACH CIRCUIT. A VERIFYING INSPECTION SHEET TO BE PROVIDED FOR EACH SHIPMENT. ALL CRIMPS SHALL COMPLY WITH TERMINAL MANUFACTURER'S GUIDELINES.

8	SLEEVING - EXPANDABLE, BLACK BRAIDED	AS REQ'D
7	IDENTIFICATION LABEL - MANUFACTURER, MFG DATE, P/N, REV	2
6	ADHESIVE LINED HEAT SHRINK, UV STABLE, RATED -40F TO +185F	AS REQ'D
5	SXL WIRE CU, 18-AWG HIGH TEMP 125 °C, VARIOUS COLORS	AS REQ'D
4	DEUTSCH LOCK, WM-12S	2
3	SOLID CRIMP SOCKET CONTACT, DEUTSCH #0462-201-20141	24
2	DEUTSCH DTM06-12SC (DEUTSCH PLUG, C KEY, GREEN)	1
1	DEUTSCH DTM06-12SB-E007 (EXTENDED DEUTSCH PLUG, B KEY, BLACK)	1
P/N	DESCRIPTION	QTY.

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MATERIAL SEE NOTES FOR MATERIAL		CHECKED BY	DATE		
TOLERANCE UNLESS OTHERWISE SPECIFIED		WEIGHT (LBS)		DESCRIPTION	
3 PLACE DEC. ± .010"		0.03		HARNESS - MODULE / MONITOR (15FT)	
4 PLACE DEC. ± .005"		CAT. NO.		SIZE	
ANGLES ± 0°30' 0"		8100 HD		B	
UNLESS OTHERWISE SPECIFIED SURFACE FINISH REMOVE BURS AND SHARP CORNERS DO NOT SCALE PRINT		THIRD ANGLE PROJECTION		PART NUMBER	
INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M 1994		CAD MODEL: 37522000		37522000	
				REV.	
				REL	
				CAD SCALE 1:1	
				SHEET 1 OF 1	

37522000 REV. REL

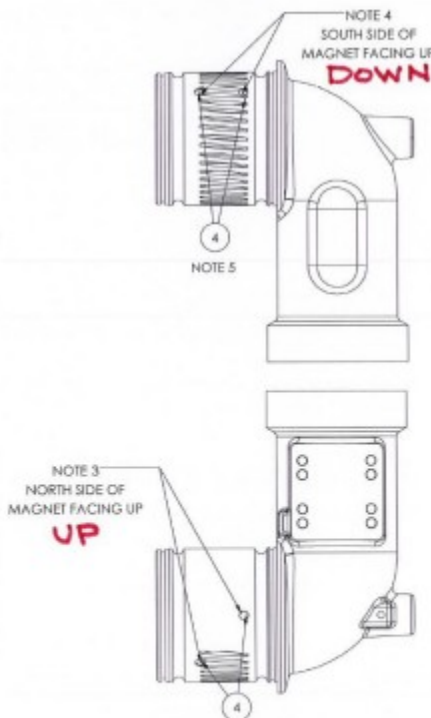
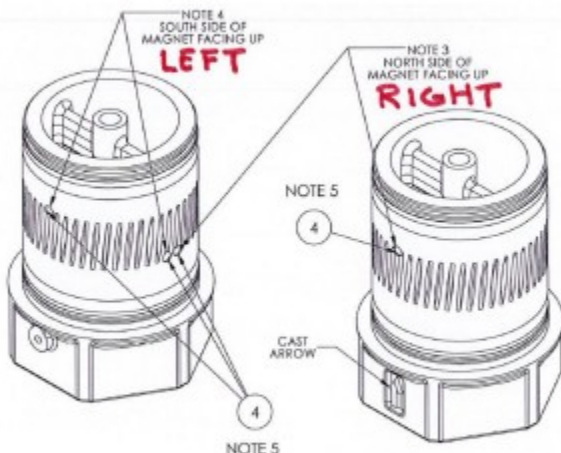
8100HD (Nitro HD) position sensor testing information

The position sensor used for controlling Vertical and Horizontal travel on the 8100HD (Nitro HD) is p/n 67566000.

- The sensors RED wire should have +5 volts on it.
- The sensors BLACK wire should be GROUND.
- The sensors GREEN wire should have;
 - Around +2.5v when no magnet is detected.
 - It should drop below +2.5 volts (around +1.5v) when detecting the North Pole of a magnet (RIGHT or UP).
 - It should go above +2.5 volts (around +3.5v) when detecting the South Pole of a magnet (LEFT or DOWN).

The magnets used on the 8100HD (Nitro HD) are p/n 46057000 and are positioned as follows.

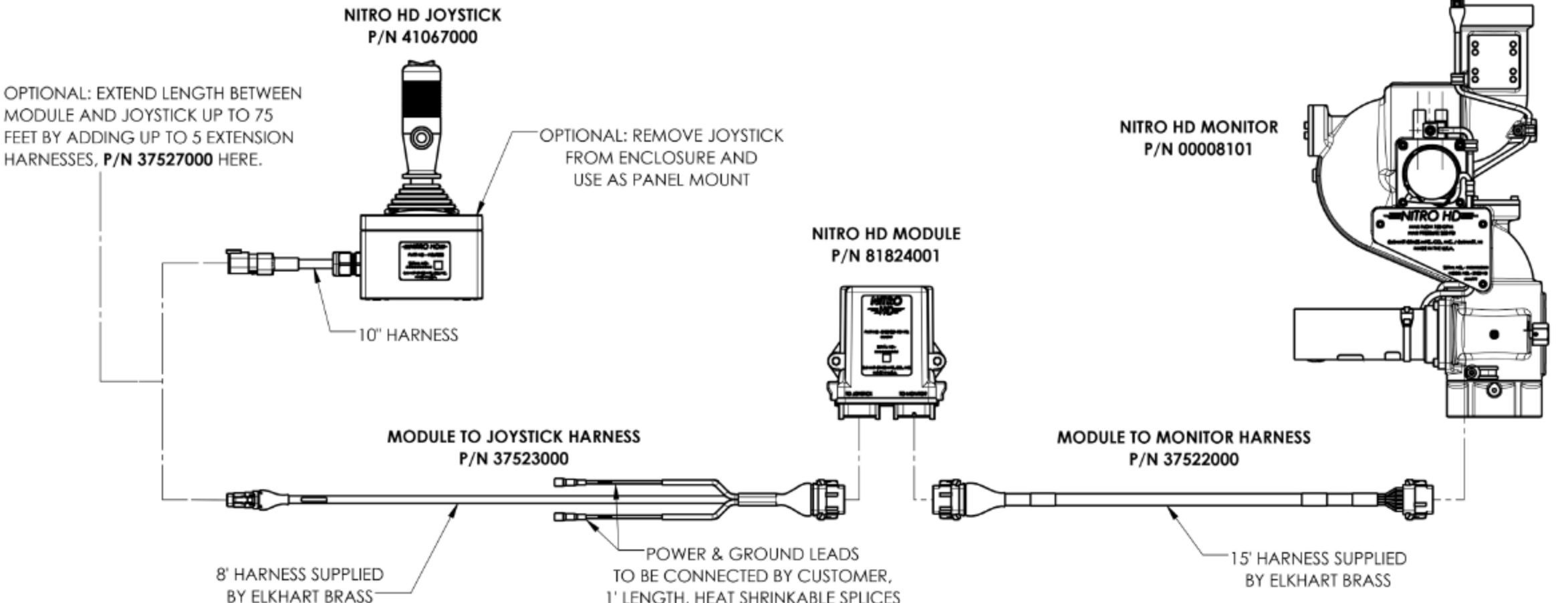
- North Pole facing out for RIGHT and UP limits.
- South Pole facing out for LEFT and DOWN limits.



NOTES:

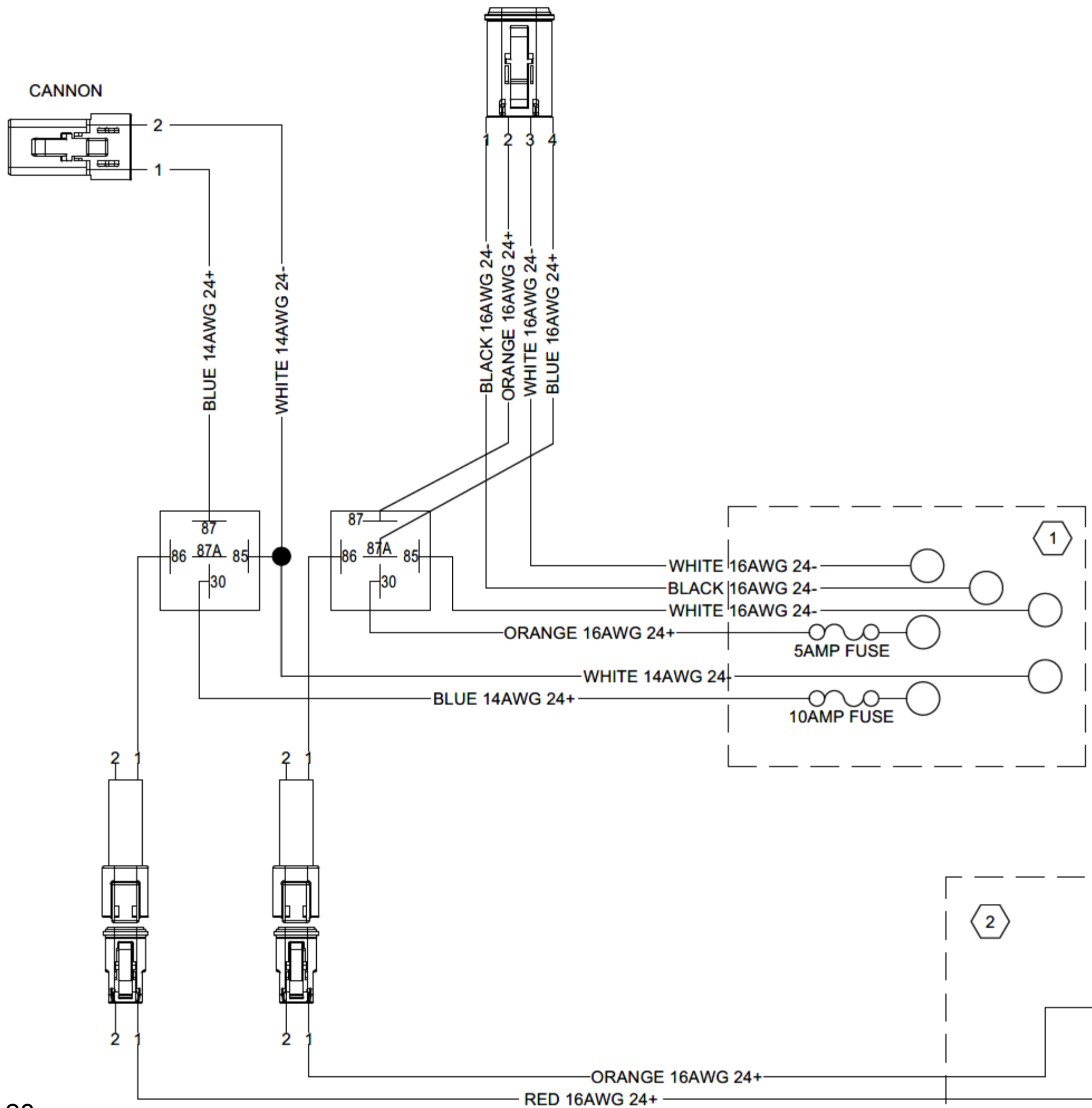
DRAWING NOT TO SCALE.
FOR REFERENCE ONLY.

REV.	ZONE	DESCRIPTION	BY	ECN NUMBER
8	C7, C8	ADDED NOTE ABOUT EXTENSION HARNESS 37527000 BEING USED BETWEEN THE JOYSTICK AND MODULE	KAP	170512



NITRO HD LAYOUT DRAWING, KIT #1

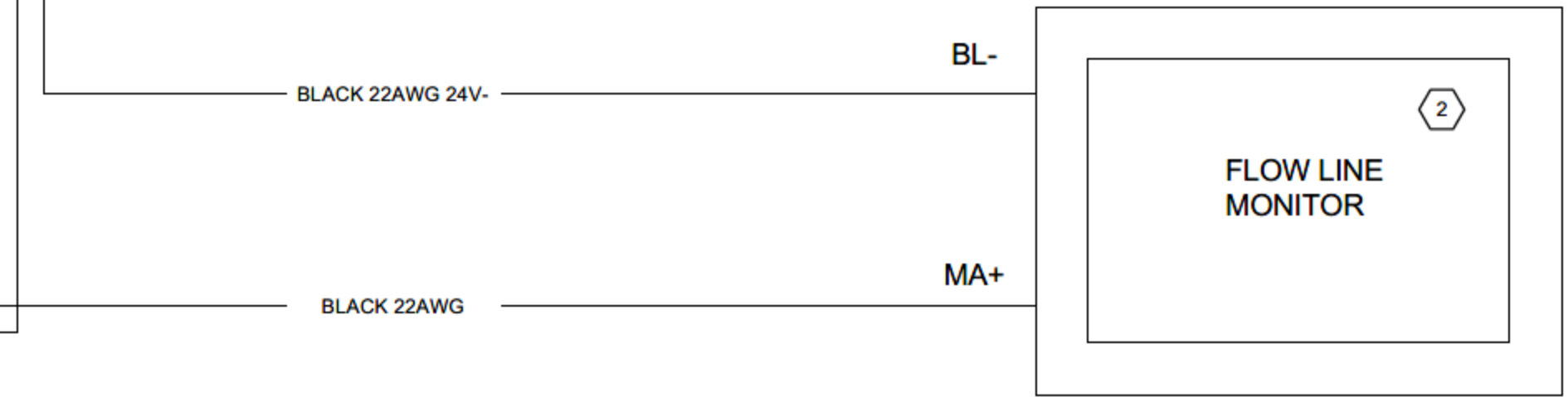
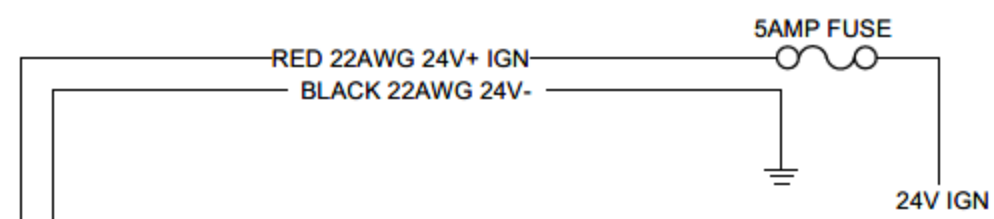
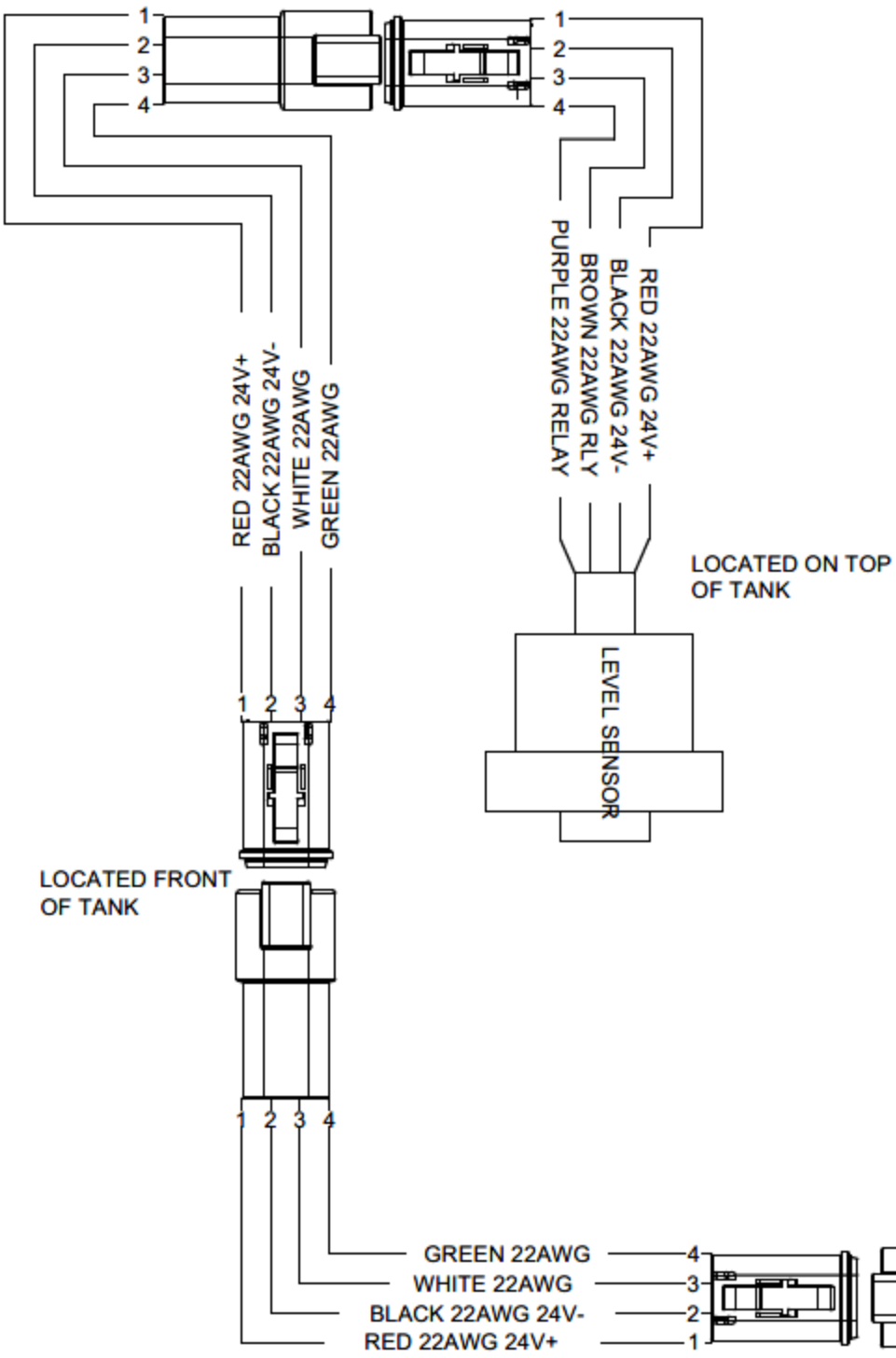
ELKHART BRASS MFG. CO., INC. #1302 West Beardsley Ave, Elkhart, IN 46514, USA This print and all data contained here on is the sole and exclusive property of Elkhart Brass Mfg. Co., INC., and will not be disclosed to others without the consent of Elkhart Brass Mfg. Co., INC. The print must be returned to Elkhart Brass Mfg. Co., INC. if requested. Copyright © 2012 by Elkhart Brass Mfg. Co., INC.			DRAWN BY KAP	DATE 12/01/2016	ELKHART BRASS Fire Fighting Equipment	
MATERIAL N/A			CHECKED BY	DATE		
TOLERANCE UNLESS OTHERWISE SPECIFIED			WEIGHT (LBS) 13.3		DESCRIPTION NITRO HD (KIT #1)	
1 PLACE DEC.	± .12"	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE PRINT INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M 1994 CAD MODEL: 8100 HD	ASSEMBLY		SIZE B	CATALOG NO. 8100 HD
2 PLACE DEC.	REF		THIRD ANGLE PROJECTION		REV. B	
ANGLES	± 1°		CAD SCALE 1:1		SHEET 1 OF 1	



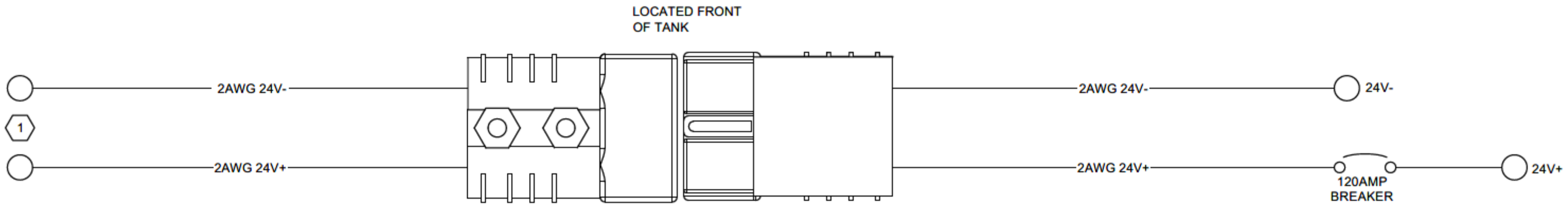
- NOTES:
- 1 ALL FUSE AND GROUND CONNECTIONS ARE LOCATED IN THE POWER BOX LOCATED ON THE FRONT OF THE TANK
 - 2 SWITCHES/LEVEL SENSOR ARE LOCATED ON THE RAM MOUNT INSIDE THE CAB



TITLE: 100970 CEMEX WIRING LEVEL/DUMP/CANNON		DATE 5/8/24
SIZE	DRAWING NO. 2187-1043	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 1 OF 3



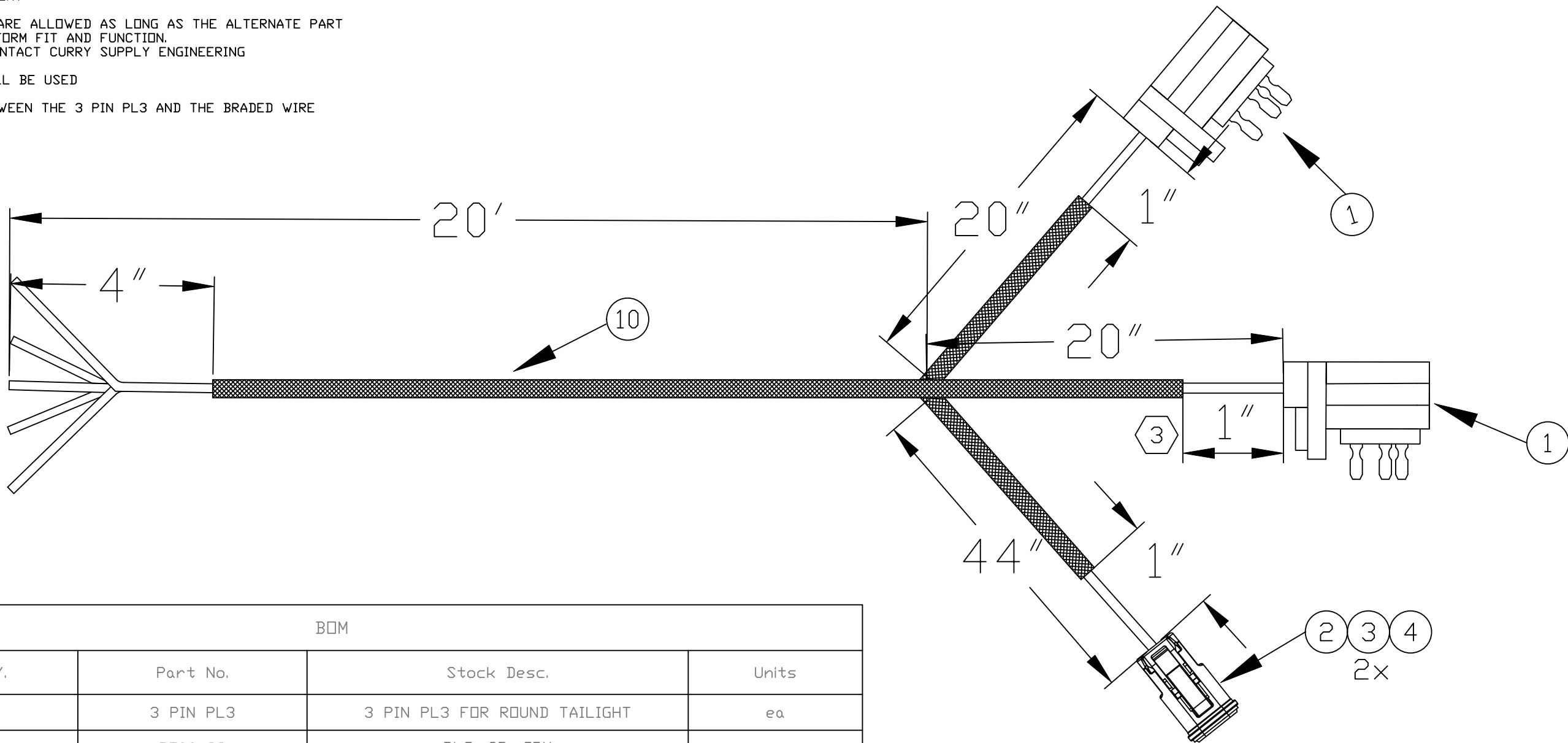
TITLE: 100970 CEMEX WIRING LEVEL/DUMP/CANNON		DATE 5/8/24
SIZE	DRAWING NO. 2187-1043	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 2 OF 3





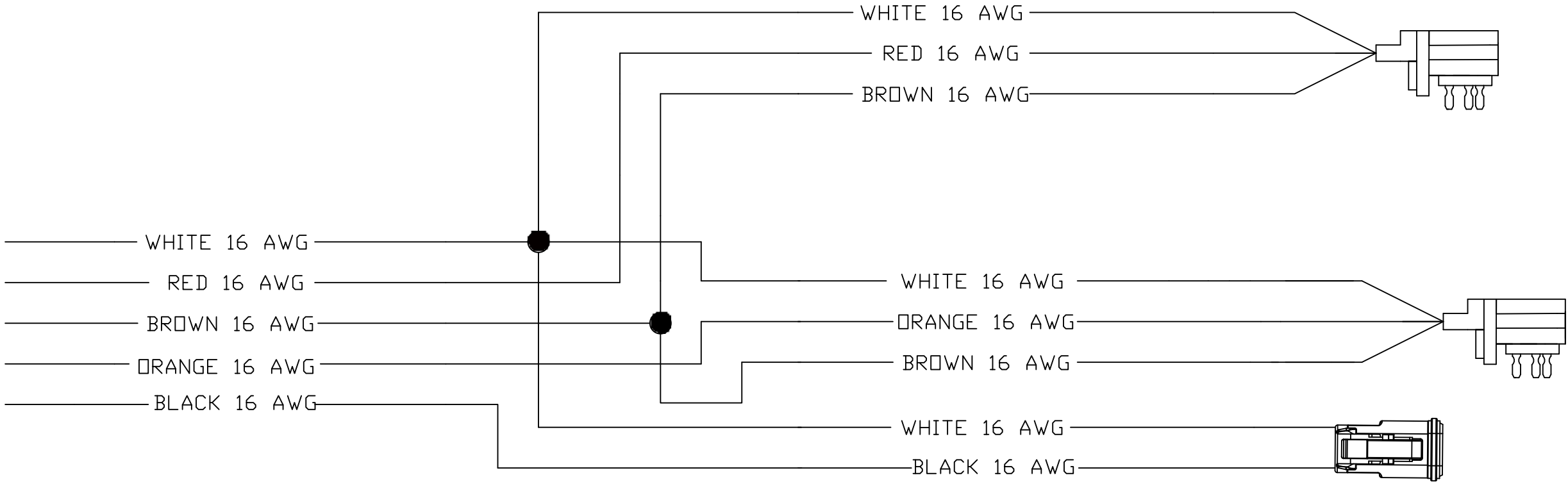
TITLE: 100970 CEMEX WIRING LEVEL/DUMP/CANNON		DATE 5/8/24
SIZE	DRAWING NO. 2187-1043	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 3 OF 3

- NOTES:
REFERENCE DOCUMENT:
-BUILD CABLE HARNESS IN ACCORDENCE WITH
IPC-620 OR EQUIVALENT
- 1 ALTERNATE PART NO. ARE ALLOWED AS LONG AS THE ALTERNATE PART
PROVIDES THE SAME FORM FIT AND FUNCTION.
IF UNSURE PLEASE CONTACT CURRY SUPPLY ENGINEERING
- 2 GXL BRAND WIRE SHALL BE USED
- ③ 1' OF BARE WIRE BETWEEN THE 3 PIN PL3 AND THE BRADED WIRE



BOM				
Item No.	QTY.	Part No.	Stock Desc.	Units
1	2	3 PIN PL3	3 PIN PL3 FOR ROUND TAILLIGHT	ea
2	1	DT06-2S	PLG, 2P, GRY	ea
3	2	0460-201-16141	SDC, SOLID, SIZE 16, 16-20 AWG	ea
4	1	W2S	2P WEDGE LOCK	ea
5	324	GXL 16AWG WHITE	GXL 16AWG WIRE	in
6	280	GXL 16AWG BROWN	GXL 16AWG WIRE	in
7	260	GXL 16AWG ORANGE	GXL 16AWG WIRE	in
8	260	GXL 16AWG RED	GXL 16AWG WIRE	in
10	284	GXL 16AWG BLACK	GXL 16AWG WIRE	in
11	317	1UXW8	3/8 EXPANDO (BRADED SLEEVE)	in

PART NO.		NAME		DATE		 TITLE: OFF-ROAD TAILLIGHT HARNESS		
		MODEL BY:	TK	1/8/2026				
		DRAWN BY:	TK	1/8/2026				
		MATERIAL						
TOLERANCES: UNLESS OTHERWISE SPECIFIED: FRACTIONAL: ± 1/2" ANGULAR: ± 1° TWO PLACE DECIMAL ± .01" THREE PLACE DECIMAL ± .005"		PROCESS				TITLE: OFF-ROAD TAILLIGHT HARNESS		
		THICKNESS						
		UNITS in						
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CURRY SUPPLY COMPANY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CURRY SUPPLY COMPANY IS PROHIBITED.		DO NOT SCALE DRAWING				SIZE B	DRAWING NO. 2187-1111	REV 0
						SCALE: NTS	WEIGHT:	SHEET 1 OF 2



PART NO.		NAME		DATE							
TOLERANCES: UNLESS OTHERWISE SPECIFIED: FRACTIONAL: ± 1/2" ANGULAR: ± 1° TWO PLACE DECIMAL ± .01" THREE PLACE DECIMAL ± .005"		MODEL BY: TK		7/1/2025							
		DRAWN BY: TK		7/1/2025							
		MATERIAL									
		PROCESS				TITLE: VAC PASSENGER SIDE TAILLIGHT HARNESS					
		THICKNESS									
		UNITS in									
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CURRY SUPPLY COMPANY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CURRY SUPPLY COMPANY IS PROHIBITED.		DO NOT SCALE DRAWING				SIZE B		DRAWING NO. 2187-1084		REV 0	
						SCALE: NTS		WEIGHT:		SHEET 2 OF 2	