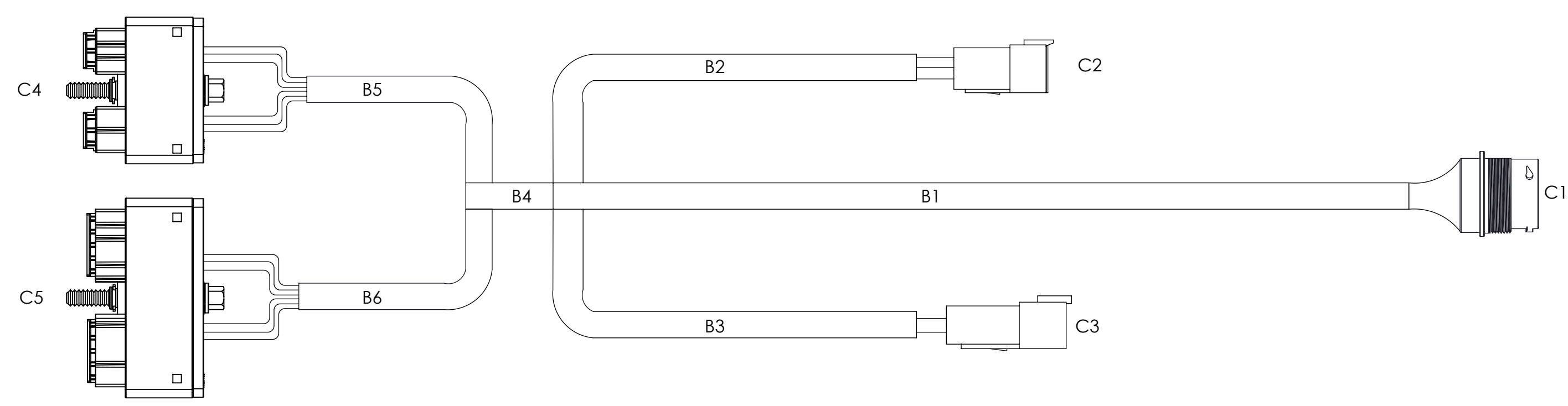


REVISIONS					
REV.	ZONE	DESCRIPTION	ECN/ERN	DATE	BY



Branch ID	Branch Length(IN)
B1	19
B2	6
B3	8
B4	3
B5	4
B6	4

- Notes:
- 1) All branches to be wrapped in Tesa 51036 tape or Nylon Wrapped.
 - 2) All branches with connector leave 1" of wire exposed before connector
 - 3) All splices ("S") to be soldered or sonic welded and covered in 2" of adhesive heatshrink

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	 Muncie Power Products, Inc.	
DIMENSIONS ARE IN INCHES		DRAWN	NSZ		8/22/23
2 PLACE DECIMAL ±0.030		CHECKED	BM		8/22/23
3 PLACE DECIMAL ±0.010 EXCEPT DRILLED HOLES		ENG APPR.	KW		8/22/23
BREAK SHARP CORNERS		COMMENTS:			
ALL FILLETS AND RADII 0.12 R.					
FINISH 125/					
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5					
MATERIAL -					
THIRD ANGLE PROJECTION		SIMILAR TO:			
PROPRIETARY AND CONFIDENTIAL		<small>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MUNICIE POWER PRODUCTS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MUNICIE POWER PRODUCTS, INC. IS PROHIBITED.</small>			

TITLE: INDOT 2023 Liquid Harness		
SIZE	DWG. NO.	REV
C	APWH84B	00
SCALE: N/A	WEIGHT: N/A	SHEET 1 OF 2

Wire Number	Wire Label	Wire Color	Wire Gauge	Wire Type	Wire length(IN)	Source Connection	Source Connector P/N	Source Connector Manufacturer	Source Pin Location	Source Pin P/N	Destination Connection	Destination Connector P/N	Destination Connector Manufacturer	Destination Pin Location	Destination Pin P/N
W1	Left Boom	White	16	GXL	26	C1	HDP24-24-19PN	Deutsch	1	0460-202-16141	C5	5810130029	Cinch Connectivity Solutions	F.2	4250000873
W2	Center Boom	Brown	16	GXL	26	C1	HDP24-24-19PN	Deutsch	2	0460-202-16141	C5	5810130029	Cinch Connectivity Solutions	F.1	4250000873
W3	Right Boom	Pink	16	GXL	26	C1	HDP24-24-19PN	Deutsch	3	0460-202-16141	C5	5810130029	Cinch Connectivity Solutions	G.2	4250000873
W4	Camera Wash	Blue	16	GXL	26	C1	HDP24-24-19PN	Deutsch	4	0460-202-16141	C4	5810118023	Cinch Connectivity Solutions	B.1	4250000873
W5	Camera Dry	Orange	16	GXL	26	C1	HDP24-24-19PN	Deutsch	5	0460-202-16141	C4	5810118023	Cinch Connectivity Solutions	C.1	4250000873
W6	Camera Ground	Black	16	GXL	20	C1	HDP24-24-19PN	Deutsch	6	0460-202-16141	S2	-	-	-	-
W7	CAN-HI	White	16	GXL	26	C1	HDP24-24-19PN	Deutsch	7	0460-202-16141	C5	5810130029	Cinch Connectivity Solutions	A.3	4250000873
W8	+12 Volts Power	Red	12	GXL	20	C1	HDP24-24-19PN	Deutsch	8	0460-204-12141	S1	-	-	-	-
W9	CAN-LO	Green	16	GXL	26	C1	HDP24-24-19PN	Deutsch	9	0460-202-16141	C5	5810130029	Cinch Connectivity Solutions	B.3	4250000873
W10	Ground	Black	12	GXL	20	C1	HDP24-24-19PN	Deutsch	10	0460-204-12141	S2	-	-	-	-
W11	Body Up Signal	Brown	16	GXL	26	C1	HDP24-24-19PN	Deutsch	11	0460-202-16141	C5	5810130029	Cinch Connectivity Solutions	B.1	4250000873
W12	P1	Red	16	GXL	6	S1	-	-	-	-	C5	5810130029	Cinch Connectivity Solutions	K.1	4250000873
W13	P2	Red	16	GXL	6	S1	-	-	-	-	C5	5810130029	Cinch Connectivity Solutions	K.2	4250000873
W14	P3	Red	16	GXL	6	S1	-	-	-	-	C5	5810130029	Cinch Connectivity Solutions	K.3	4250000873
W15	P4	Red	16	GXL	6	S1	-	-	-	-	C4	5810118023	Cinch Connectivity Solutions	A.1	4250000873
W16	P5	Red	16	GXL	6	S1	-	-	-	-	C4	5810118023	Cinch Connectivity Solutions	A.2	4250000873
W17	P6	Red	16	GXL	6	S1	-	-	-	-	C4	5810118023	Cinch Connectivity Solutions	A.3	4250000873
W18	P7	Red	16	GXL	6	S1	-	-	-	-	C4	5810118023	Cinch Connectivity Solutions	B.3	4250000873
W19	Liquid Feedback Power	Red	16	GXL	13	C5	5810130029	Cinch Connectivity Solutions	E.3	4250000873	C2	DTM04-6P	Deutsch	3	1060-20-0122
W20	G1	Black	16	GXL	6	S2	-	-	-	-	C5	5810130029	Cinch Connectivity Solutions	J.2	4250000873
W21	G2	Black	16	GXL	6	S2	-	-	-	-	C5	5810130029	Cinch Connectivity Solutions	J.3	4250000873
W22	G3	Black	16	GXL	6	S2	-	-	-	-	C4	5810118023	Cinch Connectivity Solutions	E.1	4250000873
W23	G4	Black	16	GXL	6	S2	-	-	-	-	C4	5810118023	Cinch Connectivity Solutions	E.2	4250000873
W24	G5	Black	16	GXL	6	S2	-	-	-	-	C4	5810118023	Cinch Connectivity Solutions	E.3	4250000873
W25	Liquid Feedback Ground	Black	16	GXL	7	S2	-	-	-	-	C2	DTM04-6P	Deutsch	2	1060-20-0122
W26	Liquid Ground	Black	12	GXL	9	S2	-	-	-	-	C3	DTP04-2P	Deutsch	2	0460-204-12141
W27	Liquid Output 1	Green	16	GXL	6	C5	5810130029	Cinch Connectivity Solutions	H.1	4250000873	S3	-	-	-	-
W28	Liquid Output 2	Green	16	GXL	6	C5	5810130029	Cinch Connectivity Solutions	H.2	4250000873	S3	-	-	-	-
W29	Liquid Output 3	Green	16	GXL	6	C5	5810130029	Cinch Connectivity Solutions	J.1	4250000873	S3	-	-	-	-
W30	Liquid Feedback	Purple	16	GXL	13	C5	5810130029	Cinch Connectivity Solutions	D.1	4250000873	C2	DTM04-6P	Deutsch	4	1060-20-0122
W31	LIQ Out	Green	12	GXL	9	S3	-	-	-	-	C3	DTP04-2P	Deutsch	1	0460-204-12141
W33	Pre-Wet Flush Enable +	Lt. Green	16	GXL	26	C4	5810118023	Cinch Connectivity Solutions	F.1	4250000873	C1	HDP24-24-19PN	Deutsch	13	0460-202-16141
W34	Pre-Wet Flush Enable -	Gray	16	GXL	26	C4	5810118023	Cinch Connectivity Solutions	D.1	4250000873	C1	HDP24-24-19PN	Deutsch	15	0460-202-16141