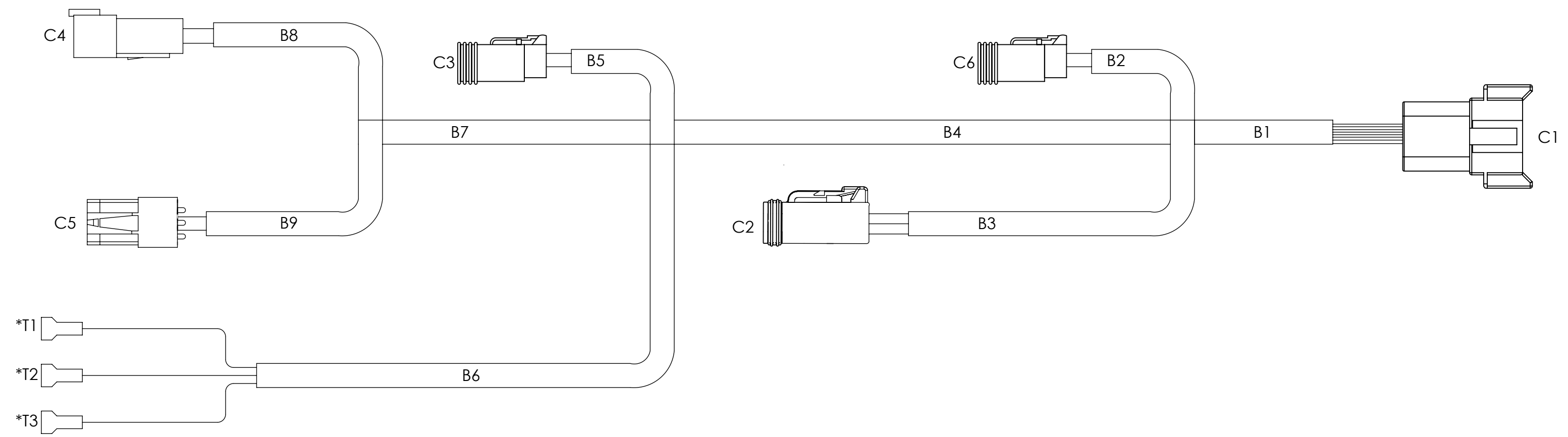


REVISIONS					
REV.	ZONE	DESCRIPTION	ECN/ERN	DATE	BY
2		Changed W5 to C1 Pin 7, W6 to C1 Pin 5, and W7 to C1 Pin 6		11/13/2020	NSZ



Branch ID	Branch Length(IN)
B1	8
B2	52
B3	112
B4	25
B5	15
B6	17
B7	12
B8	3
B9	3

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
- 4) * Leave 6" exposed on T1, T2, and T3
- 5) Use McMaster-Carr P/N: 72625K77 or similar 1/4" Spade Terminal with Heatshrink for T1, T2, and T3

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	 Muncie Power Products, Inc. INDOT 2020 Cab Harness	
DIMENSIONS ARE IN INCHES		DRAWN	NSZ		10/6/20
2 PLACE DECIMAL ±0.030		CHECKED	BM		10/6/20
3 PLACE DECIMAL ±0.010 EXCEPT DRILLED HOLES		ENG APPR.	KW		10/6/20
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>			

SIZE	DWG. NO.	REV
C	APWH83A	02
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	+12 Volts	Red	16	GXL	6	C1	DT04-08PA	Deutsch	1	0460-202-16141	S1	-	-	-	-
W2	Ground	Black	16	GXL	6	C1	DT04-08PA	Deutsch	2	0460-202-16141	S2	-	-	-	-
W3	Controller CAN-HI	White	16	GXL	48	C1	DT04-08PA	Deutsch	3	0460-202-16141	C4	DT04-2P	Deutsch	2	0460-202-16141
W4	Controller CAN-LO	Green	16	GXL	48	C1	DT04-08PA	Deutsch	4	0460-202-16141	C4	DT04-2P	Deutsch	1	0460-202-16141
W5	Body Up Signal	Brown	16	GXL	120	C1	DT04-08PA	Deutsch	7	0460-202-16141	C2	DT06-6S	Deutsch	5	0462-201-16141
W6	PTO Enable	Brown	16	GXL	60	C1	DT04-08PA	Deutsch	5	0460-202-16141	T1	1/4" Female Spade Terminal	McMaster-Carr	-	72625K77
W7	PTO Override	White	16	GXL	48	C1	DT04-08PA	Deutsch	6	0460-202-16141	C3	DT06-2S	Deutsch	1	0462-201-16141
W8	Body Up Output	Gray	16	GXL	120	C1	DT04-08PA	Deutsch	8	0460-202-16141	C2	DT06-6S	Deutsch	6	0462-201-16141
W9	Controller Power	Red	16	GXL	42	S1	-	-	-	-	C5	WPS-2(12010973)	Weather Pack	A	WPM-15(12124582)
W10	Body Up Power	Red	16	GXL	114	S1	-	-	-	-	C2	DT06-6S	Deutsch	4	0462-201-16141
W11	PTO Enable Power	Red	16	GXL	54	S1	-	-	-	-	T2	1/4" Female Spade Terminal	McMaster-Carr	-	72625K77
W12	Controller Ground	Black	16	GXL	42	S2	-	-	-	-	C5	WPS-2(12010973)	Weather Pack	B	WPM-15(12124582)
W13	PTO Override Ground	Black	16	GXL	42	S2	-	-	-	-	C3	DT06-2S	Deutsch	2	0462-201-16141
W14	PTO Enable Ground	Black	16	GXL	54	S2	-	-	-	-	T3	1/4" Female Spade Terminal	McMaster-Carr	-	72625K77
W15	Camera Power	Red	16	GXL	54	S1	-	-	-	-	C6	DT06-2S	Deutsch	1	0462-201-16141
W16	Camera Ground	Black	16	GXL	54	S2	-	-	-	-	C6	DT06-2S	Deutsch	2	0462-201-16141