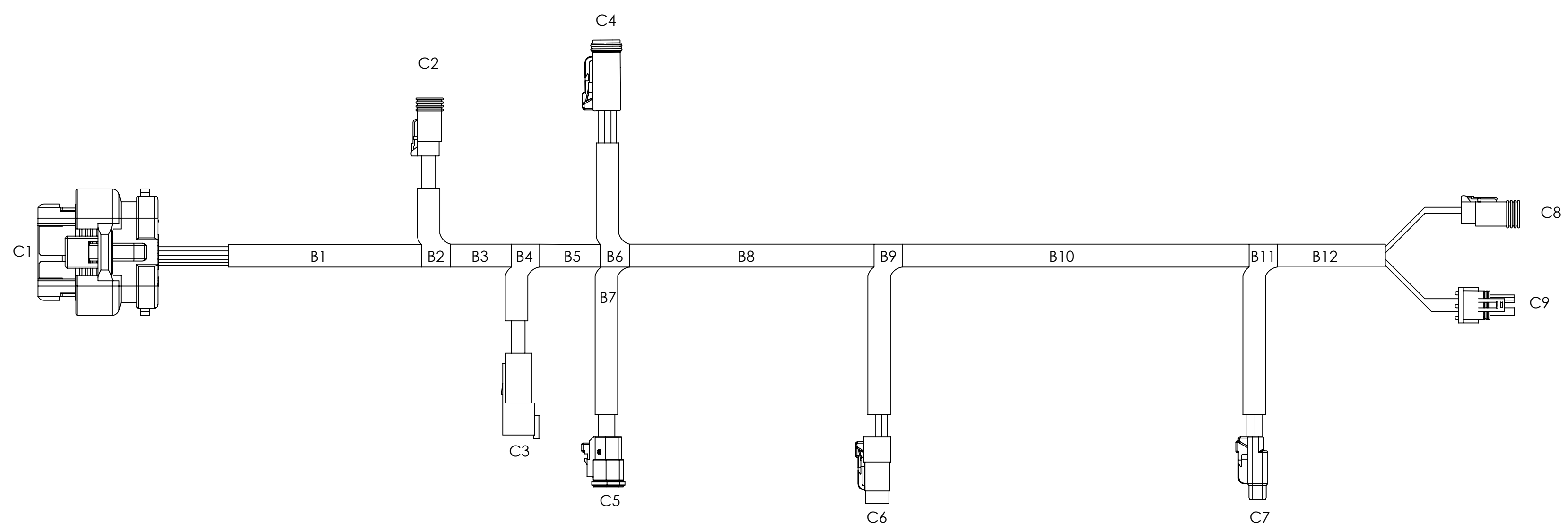


REVISIONS					
REV.	ZONE	DESCRIPTION	ECN/ERN	DATE	BY
1		Corrected Branch ID's, Connector ID's, and Branch Lengths		10/20/2020	NSZ



Branch ID	Length (IN)
B1	13
B2	4
B3	1
B4	4
B5	1
B6	6
B7	6
B8	6
B9	10
B10	4
B11	215
B12	4

- Note:
1. All Branches and Cables wrapped in Tesa Tape P/N: 51036 or Nylon Wrapped
 2. Leave 1" wires untaped on All Branchs, unless otherwise specified
 3. Leave 2" wires untaped on Branch B12 at connector C8 & C9
 4. All Splices Soldered or Sonic Welded and covered in 2" of Adhesive Heatshrink

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES 2 PLACE DECIMAL ±0.030 3 PLACE DECIMAL ±0.010 EXCEPT DRILLED HOLES BREAK SHARP CORNERS ALL FILLETS AND RADII 0.12 R. FINISH 125/ INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5 MATERIAL - THIRD ANGLE PROJECTION	DRAWN NSZ 10/14/20	NAME NSZ	DATE 10/14/20	Muncie Power Products, Inc. TITLE: INDOT OMNI+ Control Harness SIZE DWG. NO. REV C APWH86A 01 SCALE: 1:2 WEIGHT: SHEET 1 OF 2 <small>DO NOT SCALE DRAWING</small>
	CHECKED BCM 10/14/20	ENG APPR. KW 10/14/20	COMMENTS: -	
	SIMILAR TO: -			
	PROPRIETARY AND CONFIDENTIAL 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.			

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	CAN-LO	Green	16	GXL	20	C1	776273-1	AMPSEAL	1	770520-1	S1	-	-	-	-
W2	CAN-HI	White	16	GXL	20	C1	776273-1	AMPSEAL	2	770520-1	S2	-	-	-	-
W3	AVL CAN-LO	Blue	16	GXL	20	C1	776273-1	AMPSEAL	3	770520-1	C3	DT04-2P	DEUTSCH	2	0460-202-16141
W4	AVL CAN-HI	Lt. Green	16	GXL	20	C1	776273-1	AMPSEAL	4	770520-1	C3	DT04-2P	DEUTSCH	1	0460-202-16141
W5	+5 Volts	Yellow	16	GXL	12	S5	-	-	-	-	C4	DT06-4S	DEUTSCH	1	0462-201-16141
W6	+12 Volts	Red	16	GXL	20	C1	776273-1	AMPSEAL	10	770520-1	S3	-	-	-	-
W7	Ground	Black	16	GXL	20	C1	776273-1	AMPSEAL	11	770520-1	S4	-	-	-	-
W8	CAN-LO	Green	16	GXL	12	S1	-	-	-	-	C4	DT06-4S	DEUTSCH	4	0462-201-16141
W9	CAN-HI	White	16	GXL	12	S2	-	-	-	-	C4	DT06-4S	DEUTSCH	3	0462-201-16141
W10	Ground	Black	16	GXL	12	S4	-	-	-	-	C4	DT06-4S	DEUTSCH	2	0462-201-16141
W11	CAN-LO	Green	16	GXL	17	S1	-	-	-	-	C6	DTM06-6S	DEUTSCH	4	1062-20-0144
W12	CAN-HI	White	16	GXL	17	S2	-	-	-	-	C6	DTM06-6S	DEUTSCH	3	1062-20-0144
W13	+12 Volts	Red	16	GXL	17	S3	-	-	-	-	C6	DTM06-6S	DEUTSCH	2	1062-20-0144
W14	Ground	Black	16	GXL	17	S4	-	-	-	-	C6	DTM06-6S	DEUTSCH	1	1062-20-0144
W15	CAN-LO	Green	16	GXL	10	S1	-	-	-	-	C2	DT06-2S	DEUTSCH	1	0462-201-16141
W16	CAN-HI	White	16	GXL	10	S2	-	-	-	-	C2	DT06-2S	DEUTSCH	2	0462-201-16141
W17	CAN-LO	Green	16	GXL	15	S1	-	-	-	-	C8	DT06-2S	DEUTSCH	1	0462-201-16141
W18	CAN-HII	White	16	GXL	15	S2	-	-	-	-	C8	DT06-2S	DEUTSCH	2	0462-201-16141
W19	+12 Volts	Red	16	GXL	15	S3	-	-	-	-	C9	12015792	WEATHER PACK	A	12089188-L
W20	Ground	Black	16	GXL	15	S4	-	-	-	-	C9	12015792	WEATHER PACK	B	12089188-L
W21	DIG 1	Gray	16	GXL	21	C1	776273-1	AMPSEAL	12	770520-1	C5	DT06-3S	DEUTSCH	A	0462-201-16141
W22	DIG2	Brown	16	GXL	21	C1	776273-1	AMPSEAL	13	770520-1	C5	DT06-3S	DEUTSCH	B	0462-201-16141
W23	DIG3	Orange	16	GXL	240	C1	776273-1	AMPSEAL	14	770520-1	C7	DTM06-3S	DEUTSCH	3	1062-20-0144
W24	+5 Volts	Yellow	16	GXL	20	C1	776273-1	AMPSEAL	5	770520-1	S5	-	-	-	-
W25	+5 Volts	Yellow	16	GXL	220	S5	-	-	-	-	C7	DTM06-3S	DEUTSCH	1	1062-20-0144
W26	Ground	Black	16	GXL	220	S4	-	-	-	-	C7	DTM03-3S	DEUTSCH	2	1062-20-0144

Legend:

- W = Wire
- C = Connector
- S = Splice
- T = Terminal