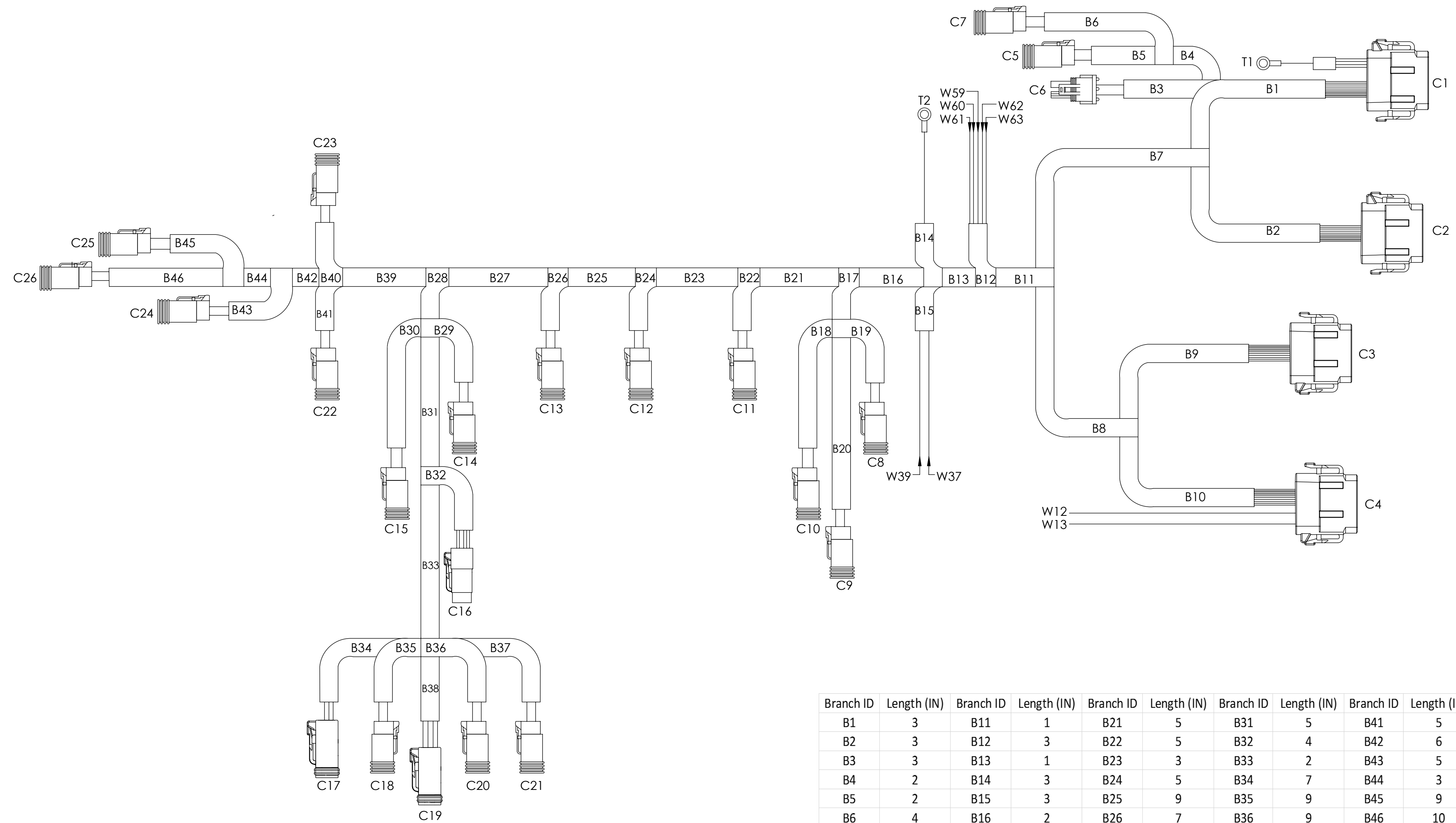


REVISIONS					
REV.	ZONE	DESCRIPTION	ECN/ERN	DATE	BY



Branch ID	Length (IN)	Branch ID	Length (IN)	Branch ID	Length (IN)	Branch ID	Length (IN)	Branch ID	Length (IN)
B1	3	B11	1	B21	5	B31	5	B41	5
B2	3	B12	3	B22	5	B32	4	B42	6
B3	3	B13	1	B23	3	B33	2	B43	5
B4	2	B14	3	B24	5	B34	7	B44	3
B5	2	B15	3	B25	9	B35	9	B45	9
B6	4	B16	2	B26	7	B36	9	B46	10
B7	3	B17	4	B27	2	B37	9		
B8	2	B18	6	B28	2	B38	9		
B9	2	B19	5	B29	6	B39	2		
B10	2	B20	9	B30	7	B40	6		

- Notes:
- 1) All branches to be wrapped in Tesa 51036 tape
 - 2) All braches with connector leave 1" of wire exposed before connector
 - 3) All splices ("S") to be soldered 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/	DRAWN NSZ 10/7/19	NAME NSZ	DATE 10/7/19		Muncie Power Products, Inc.
	CHECKED BM 10/7/19	ENG APPR. KW 10/7/19	COMMENTS: -		
	INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5 MATERIAL -	THIRD ANGLE PROJECTION 	SIMILAR TO: -		
	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MUNCIIE POWER PRODUCTS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MUNCIIE POWER PRODUCTS, INC. IS PROHIBITED.				

TITLE:		INDOT Scraper/ Wing Harness	
SIZE	DWG. NO.	REV	
C	APWH64A	00	
SCALE: 1:2	WEIGHT:	SHEET 1 OF 3	

Wire Number	Wire Label	Wire Color	Wire Gauge	Wire Type	Wire Length	Source Connection	Source Connector P/N	Source Pin Location	Source Pin P/N	Destination Connection	Destination Connector P/N	Destination Pin Location	Destination Pin P/N
W1	Plow Up	Tan	16	GXL	47	C3	DTM06-12SB	1	1062-20-0122	C25	DT06-2S	1	0462-201-16141
W2	Plow Down	White	16	GXL	40	C3	DTM06-12SB	2	1062-20-0122	C24	DT06-2S	1	0462-201-16141
W3	Plow Down Relief	Gray	16	GXL	48	C3	DTM06-12SB	3	1062-20-0122	C26	DT06-2S	1	0462-201-16141
W4	Plow Left	Blue	16	GXL	45	C3	DTM06-12SB	4	1062-20-0122	C18	DT06-2S	1	0462-201-16141
W5	Plow Right	Pueple	16	GXL	45	C3	DTM06-12SB	5	1062-20-0122	C21	DT06-2S	1	0462-201-16141
W6	Dump Up	Yellow	16	GXL	35	C3	DTM06-12SB	6	1062-20-0122	C23	DT06-2S	1	0462-201-16141
W7	Dump Down	Orange	16	GXL	37	C3	DTM06-12SB	7	1062-20-0122	C13	DT06-2S	1	0462-201-16141
W8	Dump Down Relief	Pink/Green	16	GXL	34	C3	DTM06-12SB	8	1062-20-0122	C22	DT06-2S	1	0462-201-16141
W9	Scraper Up	Brown	16	GXL	18	C3	DTM06-12SB	10	1062-20-0122	C8	DT06-2S	1	0462-201-16141
W10	Scraper Down	White	16	GXL	18	C3	DTM06-12SB	11	1062-20-0122	C11	DT06-2S	1	0462-201-16141
W11	Scraper Down Relief	Green	16	GXL	21	C3	DTM06-12SB	12	1062-20-0122	C12	DT06-2S	1	0462-201-16141
W12	Batter Power	Red	16	GXL	15	C4	DTM06-12SA	1	1062-20-0122	Blunt Cut	N/A	N/A	N/A
W13	To Power Stud	Red	16	GXL	15	C4	DTM06-12SA	2	1062-20-0122	Blunt Cut	N/A	N/A	N/A
W14	CAN-HI	White	16	GXL	10	C4	DTM06-12SA	4	1062-20-0122	C1	DTM06-12SA	4	1062-20-0122
W15	CAN-LO	Green	16	GXL	10	C4	DTM06-12SA	5	1062-20-0122	C1	DTM06-12SA	5	1062-20-0122
W16	Ground	Black	16	GXL	7	C4	DTM06-12SA	6	1062-20-0122	S1	N/A	N/A	N/A
W17	Spinner	White	16	GXL	37	C4	DTM06-12SA	7	1062-20-0122	C14	DT06-2S	1	0462-201-16141
W18	Auger	Orange	16	GXL	38	C4	DTM06-12SA	8	1062-20-0122	C15	DT06-2S	1	0462-201-16141
W19	Scraper Left	Blue	16	GXL	23	C4	DTM06-12SA	9	1062-20-0122	C9	DT06-2S	1	0462-201-16141
W20	Scraper Right	Purple	16	GXL	20	C4	DTM06-12SA	10	1062-20-0122	C10	DT06-2S	1	0462-201-16141
W21	Unloader	Tan	16	GXL	47	C4	DTM06-12SA	11	1062-20-0122	C20	DT06-2S	1	0462-201-16141
W22	Power	Red	16	GXL	4	C1	DTM06-12SA	1	1062-20-0122	S2	N/A	N/A	N/A
W23	Power	Red	16	GXL	4	C1	DTM06-12SA	2	1062-20-0122	S2	N/A	N/A	N/A
W24	Power	Red	16	GXL	4	C1	DTM06-12SA	3	1062-20-0122	S2	N/A	N/A	N/A
W25	Ground	Black	16	GXL	8	C1	DTM06-12SA	6	1062-20-0122	S1	N/A	N/A	N/A
W26	Power	Red	16	GXL	4	C1	DTM06-12SA	7	1062-20-0122	S2	N/A	N/A	N/A
W27	CAN-LO	Green	16	GXL	4	C1	DTM06-12SA	8	1062-20-0122	S3	N/A	N/A	N/A
W28	CAN-HI	White	16	GXL	4	C1	DTM06-12SA	9	1062-20-0122	S4	N/A	N/A	N/A
W29	Dig1 - Hot Oil	White	16	GXL	40	C2	DTM06-12SB	1	1062-20-0122	C16	DTM06-6S	1	1062-20-0122
W30	Dig2 - Cold Oil	Green	16	GXL	40	C2	DTM06-12SB	2	1062-20-0122	C16	DTM06-6S	2	1062-20-0122
W31	Dig3 - Low Oil	Red	16	GXL	40	C2	DTM06-12SB	3	1062-20-0122	C16	DTM06-6S	3	1062-20-0122
W32	Dig4 - Body Up	Brown	16	GXL	40	C2	DTM06-12SB	4	1062-20-0122	C16	DTM06-6S	4	1062-20-0122
W33	+5 Volt Output	Red	16	GXL	6	C2	DTM06-12SB	5	1062-20-0122	C6	12015792	A	12089188

Wire Number	Wire Label	Wire Color	Wire Gauge	Wire Type	Wire Length	Source Connection	Source Connector P/N	Source Pin Location	Source Pin P/N	Destination Connection	Destination Connector P/N	Destination Pin Location	Destination Pin P/N
W34	Pump Pressure	Gray	16	GXL	47	C2	DTM06-12SB	6	1062-20-0122	C19	DT06-4S	4	0462-201-16141
W35	LS Pressure	Green	16	GXL	45	C2	DTM06-12SB	7	1062-20-0122	C17	DT06-4S	4	0462-201-16141
W36	Oil Temperature	Purple	16	GXL	47	C2	DTM06-12SB	8	1062-20-0122	C19	DT06-4S	3	0462-201-16141
W37	Ground Speed	Pink	16	GXL	240	C2	DTM06-12SB	10	1062-20-0122	Blunt Cut	N/A	N/A	N/A
W38	Temperature Sensor	Green	16	GXL	6	C2	DTM06-12SB	11	1062-20-0122	C6	12015792	B	12089188
W39	Ignition	Yellow	16	GXL	240	C2	DTM06-12SB	12	1062-20-0122	Blunt Cut	N/A	N/A	N/A
W40	Ground	Black	16	GXL	8	C22	DT06-2S	2	0462-201-16141	S5	N/A	N/A	N/A
W41	Ground	Black	16	GXL	9	C23	DT06-2S	2	0462-201-16141	S5	N/A	N/A	N/A
W42	Ground	Black	16	GXL	15	C24	DT06-2S	2	0462-201-16141	S5	N/A	N/A	N/A
W43	Ground	Black	16	GXL	21	C25	DT06-2S	2	0462-201-16141	S5	N/A	N/A	N/A
W44	Ground	Black	16	GXL	22	C26	DT06-2S	2	0462-201-16141	S5	N/A	N/A	N/A
W45	Ground	Black	16	GXL	9	C14	DT06-2S	2	0462-201-16141	S6	N/A	N/A	N/A
W46	Ground	Black	16	GXL	10	C15	DT06-2S	2	0462-201-16141	S6	N/A	N/A	N/A
W47	Ground	Black	16	GXL	12	C16	DTM06-6S	5	1062-20-0122	S6	N/A	N/A	N/A
W48	Ground	Black	16	GXL	19	C18	DT06-2S	2	0462-201-16141	S6	N/A	N/A	N/A
W49	Ground	Black	16	GXL	19	C20	DT06-2S	2	0462-201-16141	S6	N/A	N/A	N/A
W50	Ground	Black	16	GXL	19	C21	DT06-2S	2	0462-201-16141	S6	N/A	N/A	N/A
W51	Ground	Black	16	GXL	10	C17	DT06-4S	1	0462-201-16141	S7	N/A	N/A	N/A
W52	Ground	Black	16	GXL	10	C19	DT06-4S	1	0462-201-16141	S7	N/A	N/A	N/A
W53	Ground	Black	16	GXL	25	C13	DT06-2S	2	0462-201-16141	S8	N/A	N/A	N/A
W54	Ground	Black	16	GXL	14	C12	DT06-2S	2	0462-201-16141	S8	N/A	N/A	N/A
W55	Ground	Black	16	GXL	11	C11	DT06-2S	2	0462-201-16141	S8	N/A	N/A	N/A
W56	Ground	Black	16	GXL	11	C10	DT06-2S	2	0462-201-16141	S8	N/A	N/A	N/A
W57	Ground	Black	16	GXL	14	C9	DT06-2S	2	0462-201-16141	S8	N/A	N/A	N/A
W58	Ground	Black	16	GXL	10	C8	DT06-2S	2	0462-201-16141	S8	N/A	N/A	N/A
W59	G1	Black	16	GXL	26	S1	N/A	N/A	N/A	Blunt Cut	N/A	N/A	N/A
W60	G2	Black	16	GXL	48	S5	N/A	N/A	N/A	Blunt Cut	N/A	N/A	N/A
W61	G3	Black	16	GXL	48	S6	N/A	N/A	N/A	Blunt Cut	N/A	N/A	N/A
W62	G4	Black	16	GXL	57	S7	N/A	N/A	N/A	Blunt Cut	N/A	N/A	N/A
W63	G5	Black	16	GXL	29	S8	N/A	N/A	N/A	Blunt Cut	N/A	N/A	N/A
W64	Power	Red	16	GXL	8	C17	DT06-4S	2	0462-201-16141	S9	N/A	N/A	N/A
W65	Power	Red	16	GXL	10	C19	DT06-4S	2	0462-201-16141	S9	N/A	N/A	N/A
W66	CAN-LO	Green	16	GXL	3	S3	N/A	N/A	N/A	C5	DT06-2S	1	0462-201-16141
W67	CAN-LO	Green	16	GXL	5	S3	N/A	N/A	N/A	C7	DT06-2S	1	0462-201-16141
W68	CAN-HI	White	16	GXL	3	S4	N/A	N/A	N/A	C5	DT06-2S	2	0462-201-16141
W69	CAN-HI	White	16	GXL	5	S4	N/A	N/A	N/A	C7	DT06-2S	2	0462-201-16141
W70	Power	Red	16	GXL	36	S9	N/A	N/A	N/A	T2	5/16" Ring Terminal	N/A	N/A
W71	Power	Red	12	GXL	7	S2	N/A	N/A	N/A	T1	5/16" Ring Terminal	N/A	N/A