

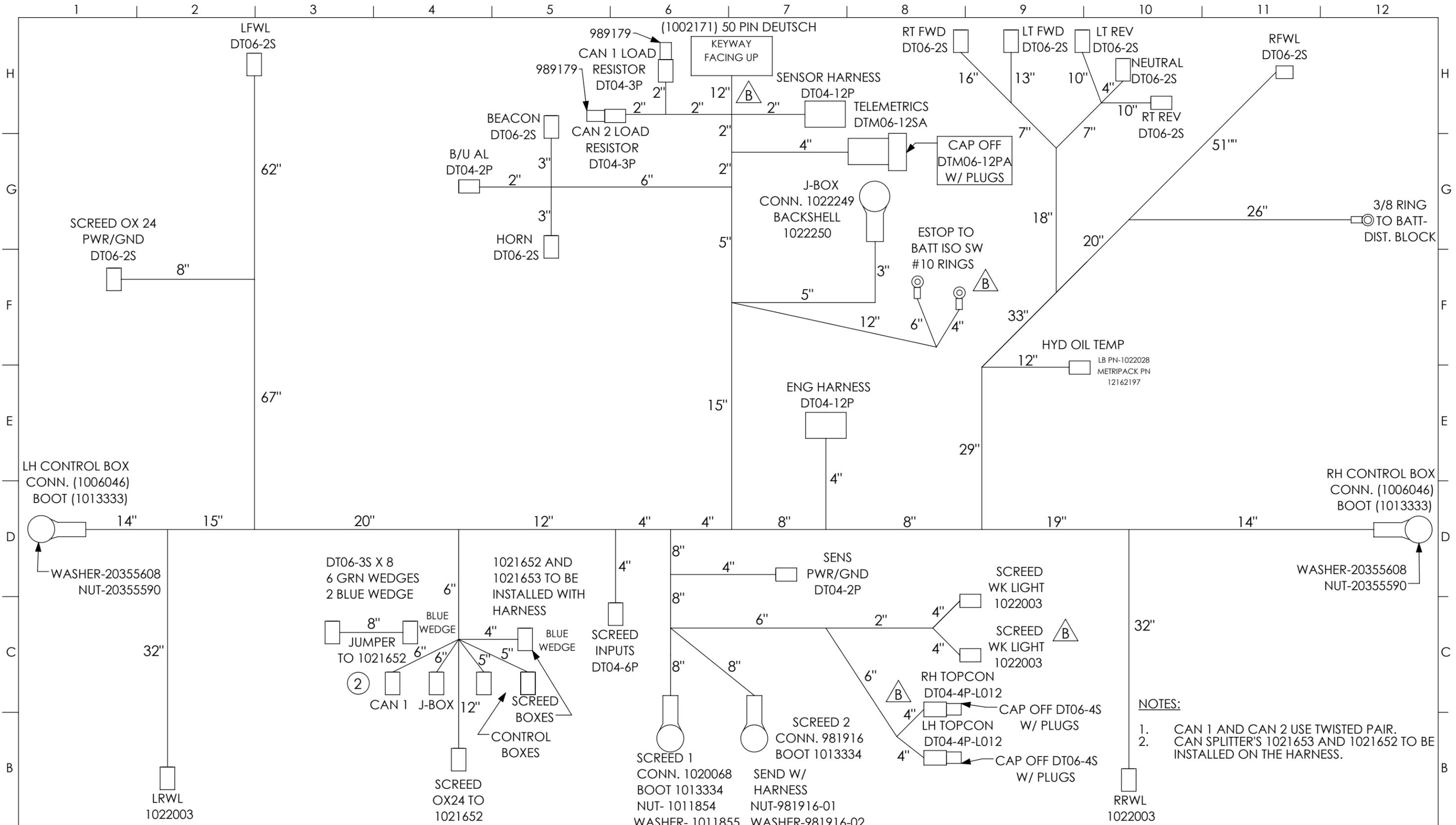
REVISIONS					
ECN	REV	DESCRIPTION	ZONE	BY	DATE
31076	A	NEW RELEASE		DC	8/28/2024
31820	B	DIMENSIONAL CHANGE AFTER FIRST PRODUCTION	2-C8, 2-C9, 2-F9, 2-H7, 3-C4	DC	3/11/2025

ITEM NO.	PART NUMBER	QTY	DESCRIPTION
1	1022250	1	BACKSHELL, HDP 90 DEGREE, 2428-011-2405
2	1022249	1	CONNECTOR, 31-PIN, DEUTSCH HDP26-24-31PE-L017
3	981916	1	CONN,31-PIN,RECPT,HD34-24-31, DEUTSCH
4	981916-02	1	CONN,LOCK WASHER,24 SHELL
5	981916-01	1	CONN,NUT,24 SHELL
6	1006046	2	CONNECTOR, DEUTSCH, HD34-18-14SN
7	20355590	2	PANEL NUT, HD30 SERIES, SIZE 18
8	20355608	2	LOCK WASHER, HD30 SERIES, SIZE 18
9	1013333	2	BOOT, CONNECTOR, BLACK, HD30-18BT-BK
10	1002171	1	CONNECTOR, 50 PIN, DRC26-50S01, DEUTSCH
11	1021653	1	SPLITTER, CAN BUS, 6-WAY
12	1021652	1	SPLITTER, CAN BUS, 4-WAY
13	1022028	1	CONNECTOR, 2-PIN,METRI-PACK 150.2 SERIES, 12162197 FOR 5300 HYDRAULIC TEMPERATURE
14	1022071	2	METRI-PACK 150.2 FEMALE UNSEALED TIN PLATING TANG TERMINAL
15	1022003	4	CONN, 02-PIN, PANEL MOUNT, DT04-2P-L012 DEUTSCH
16	989467-01	1	CONNECTOR, WEDGE, WM-12S
17	988900	1	CONNECTOR, 12-PIN, PLUG, DTM06-12SA
18	983217	2	CONNECTOR, WEDGE, RECEPTACLE W12P, DEUTSCH
19	983207	2	CONNECTOR, 12 PIN, SOCKET, DT04-12PA, DEUTSCH
20	983201	8	CONN,03-PIN,PLUG,DT06-3S DEUTSCH
21	983211	2	CONNECTOR, WEDGELOCK, DEUTSCH, W3P
22	989178-02	2	CONNECTOR,WEDGE LOCK,BLUE
23	989178-01	6	CONNECTOR,WEDGE LOCK,GREEN
24	983200	2	CONNECTOR,03-PIN,SOCKET,DT04-3P DEUTSCH
25	989179	2	CONNECTOR, 03-PIN, PLUG, W/120 OHM
26	983198	5	2 PIN SOCKET, DT04-2P, DEUTSCH
27	983209	5	WEDGE, SOCKET, 2P, DEUTSCH
28	983208	8	CONN,WEDGE,PLUG,2P,DEUTSCH
29	983199	8	CONN,02-PIN,PLUG,DT06-2S
30	983213	2	CONNECTOR, WEDGE, RECEPTACLE W4P, DEUTSCH
31	1027869	2	CONN, 4-PIN, PANEL MOUNT, DT04-4P-L012
32	983212	2	CONNECTOR, WEDGE, PLUG, 4P, DEUTSCH
33	983203	2	CONNECTOR, 04-PIN, PLUG, DT06-4S DEUTSCH
34	1019229	2	CABLE, ULTRASONIC, CSV
35	982448	72	TERMINAL,SOCKET,DEUTSCH,14-16AWG
36	982456	37	PIN, DEUTSCH, 14-16AWG
37	73192-02	29	PLUG,CAVITY,DEUTSCH CONN
38	1007354	56	TERM, SOC 16-22 GA DEUTSCH
39	988935-01	17	CONN,PLUG,20GA WIRE DEUTSCH DRC26
40	1000683	1	CONNECTOR, DEUTSCH 12-PIN, DTM04-12PA
41	989466-01	1	WEDGE, DEUTSCH 12-PIN, WM-12P
42	1024175	2	CLAMP, WORM, SAE #16, 5/16 WIDE
43	1013860	2	CLAMP, WORM,SAE #20,5/16 WIDE
44	1020068	1	CONNECTOR, 19 PIN, HDP24-24-19PE
45	1013334	2	BOOT, CONNECTOR, BLACK, HD30-24BT-BK
46	1011855	1	CONNECTOR, WASHER, DEUTSCH HDP20 SERIES
47	1011854	1	CONNECTOR, NUT, DEUTSCH HDP20 SERIES

ITEM NO.	PART NUMBER	QTY	DESCRIPTION
48	33882-5	26.75	WIRE,12GA,BLACK
49	33271-37	20	WIRE,16GA,RED/GREEN STRIPE
50	33271-48	9.5	WIRE,16GA,GREEN,BLUE STRIPE
51	33271-30	7	WIRE,16GA,GREEN,BLACK STRIPE
52	33271-44	17	WIRE, 16GA, GREEN/RED STRIPE
53	33271-3	4.5	WIRE,16GA,BROWN
54	33271-0	5.25	WIRE,16GA,GRAY
55	33271-34	9.5	WIRE,16GA,BLUE,BLACK STRIPE
56	33271-18	7.5	WIRE,16GA,BLUE,RED STRIPE
57	33271-19	6	WIRE,16GA,GREEN,YELLOW STRIPE
58	33271-10	3	WIRE,16GA,GREEN,WHITE STRIPE
59	33271-52	3.5	WIRE, 16GA, BROWN/RED STRIPE
60	33271-12	5	WIRE,16GA,RED,BLACK STRIPE
61	33271-51	6	WIRE, 16GA, BROWN/WHITE STRIPE
62	33271-17	8	WIRE,16GA,WHITE,BLACK STRIPE
63	33271-45	26	WIRE,16GA,RED,BLUE STRIPE
64	33271-60	17	WIRE, 16GA, BLACK/BLUE STRIPE
65	33271-27	37	WIRE,16GA,RED/WHITE STRIPE
66	38519-1	4	WIRE,14GA,BLACK
67	33271-28	17	WIRE,16GA,BLACK/WHITE STRIPE
68	33271-1	70	WIRE,16GA,BLACK
69	33271-7	67	WIRE,16GA,RED
70	33271-26	6	WIRE,16GA,ORANGE/WHITE STRIPE
71	33271-5	24	WIRE,16GA,WHITE
72	33271-11	20	WIRE,16GA,BLUE
73	33271-4	46	WIRE,16GA,GREEN
74	33271-2	39	WIRE,16GA,YELLOW
75	33271-9	5	WIRE,16GA,PURPLE
76	33271-16	5	WIRE,16GA,PURPLE,WHITE STRIPE
77	33271-14	7.5	WIRE,16GA,YELLOW,RED STRIPE
78	33271-25	45.5	WIRE,16GA,ORANGE/BLACK STRIPE
79	33271-23	1	WIRE,16GA,BLUE/WHITE STRIPE
80	1016300	8	CABLE, BELDEN 8770, 3 CONDUCTOR SIGNAL
81	38519-5	16	WIRE,14GA,WHITE

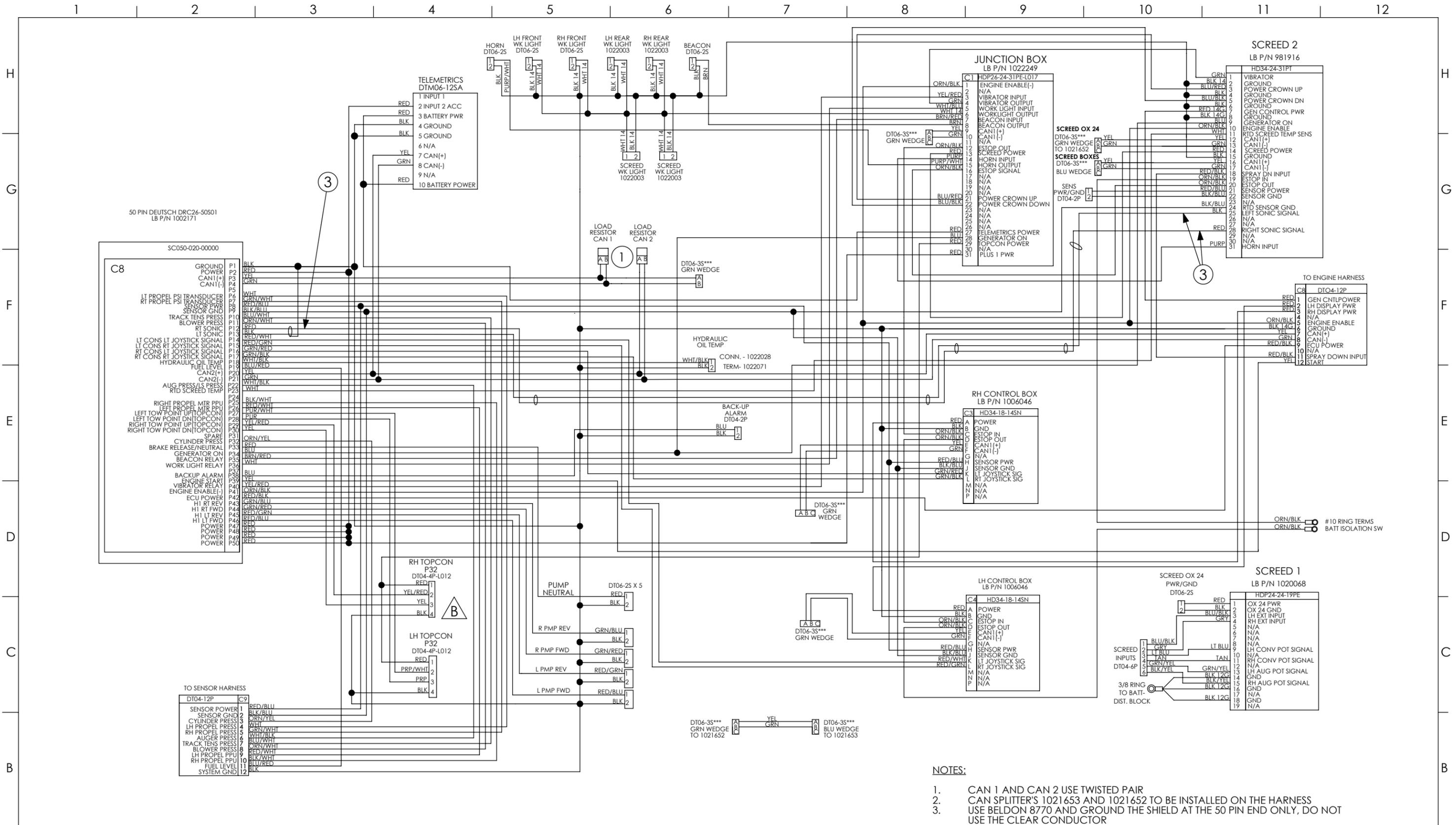
MANUFACTURE HARNESS IAW PER LEEBOY ELECTRICAL STANDARD 1013676

<p>DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED</p> <p>DIMENSIONS APPLY TO FINISHED PART. ROUGH CUTS MUST INCLUDE APPROPRIATE STOCK ALLOWANCE FOR MACHINED PARTS.</p> <p>(REFERENCE DIMENSIONS)</p> <p>REFER TO TABLES FOR GENERAL TOLERANCES</p> <p>SHEET SCALE: 1:2</p>														 <p>ST ENGINEERING LEEBOY, dba LEEBOY 500 LINCOLN COUNTY PARKWAY EXT LINCOLNTON, NC 28092</p>		<p>APPROVALS</p> <p>DRAWN BY: DC</p> <p>CHECKED BY: TWJ</p>		<p>DATE</p> <p>08/28/2024</p> <p>03/14/2025</p>		<p>1030312</p> <p>HARNESS, MAIN, 8680, LB5</p>		<p>PAVER / 8680</p>		<p>REV B</p>																																										
<p>GENERAL FABRICATION TOLERANCE - INCH</p> <table border="1"> <tr> <td>></td><td>0.000</td><td>3.000</td><td>12.000</td><td>24.000</td><td>48.000</td><td>96.000</td><td>120.000</td><td>240.000</td><td>0.000</td><td>1.000</td><td>3.000</td><td>6.000</td><td>12.000</td><td>36.000</td> </tr> <tr> <td>≤</td><td>3.000</td><td>12.000</td><td>24.000</td><td>48.000</td><td>96.000</td><td>120.000</td><td>240.000</td><td>~</td><td>1.000</td><td>3.000</td><td>6.000</td><td>12.000</td><td>36.000</td><td>~</td> </tr> <tr> <td>±</td><td>0.015</td><td>0.031</td><td>0.063</td><td>0.094</td><td>0.125</td><td>0.188</td><td>0.250</td><td>0.500</td><td>0.005</td><td>0.010</td><td>0.015</td><td>0.031</td><td>0.063</td><td>0.094</td> </tr> </table>														>	0.000	3.000	12.000	24.000	48.000	96.000	120.000	240.000	0.000	1.000	3.000	6.000	12.000	36.000	≤	3.000	12.000	24.000	48.000	96.000	120.000	240.000	~	1.000	3.000	6.000	12.000	36.000	~	±	0.015	0.031	0.063	0.094	0.125	0.188	0.250	0.500	0.005	0.010	0.015	0.031	0.063	0.094	<p>THIRD ANGLE PROJECTION</p>		<p>SHT SIZE: B</p>		<p>SHT 1 OF 3</p>		<p>PART WEIGHT: 2.39 LBS</p>	
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- NOTES:**
- CAN 1 AND CAN 2 USE TWISTED PAIR.
 - CAN SPLITTER'S 1021653 AND 1021652 TO BE INSTALLED ON THE HARNESS.

<p>APPROVALS: DRAWN BY DC, CHECKED BY TWJ, DATE 08/28/2024, 03/14/2025</p>													<p>1030312</p>																																														
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- NOTES:**
- CAN 1 AND CAN 2 USE TWISTED PAIR
 - CAN SPLITTER'S 1021653 AND 1021652 TO BE INSTALLED ON THE HARNESS
 - USE BELDON 8770 AND GROUND THE SHIELD AT THE 50 PIN END ONLY, DO NOT USE THE CLEAR CONDUCTOR

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