

#19098

Tupline

GRPTW

TUPLING #19098
6RPTW - DOUBLE DISCHARGE

PLUG #1	PIN #	COLOR	WIRE #	DESCRIPTION
31	1	RED	2	COULTER "UP" HDSTS
30	2	BLACK	000	RIGHT PRIMARY GROUND, CROSS BYPASS SOLENOID GROUND, CROSS REVERSING VALVE GROUND
29	3	YELLOW	5	FLASHERS (RIGHT SIDE)
28	4	BROWN	6	SECONDARY REVERSING VALVE
27	5	RED	7	COULTER "DOWN" HDSTS
26	6	BLACK	05	RIGHT HDSTS GROUND, FLASHER GROUND (RIGHT)
25	7	BLUE	13	CROSS "SOURCE" FLOW CONTROL
24	8	BROWN	18	LEFT DIGGER BLADE "UP" HDSTS
23	9	BROWN	21	CROSS CONVEYOR SWITCH TO 2017-11304 SOLENOID (BYPASS)
22	10	BROWN	23	LEFT DIGGER BLADE "DOWN" HDSTS
21	11	BLUE	24	RIGHT CROSS SLIDE "FORWARD" HDSTS
20	12	WHITE	25	RIGHT CROSS DISCHARGE "DOWN" HDSTS
19	13	WHITE	28	RIGHT CROSS DISCHARGE "UP" HDSTS
18	14	BLUE	29	RIGHT CROSS SLIDE "BACK" HDSTS
17	15	ORANGE	30	RIGHT PRIMARY REVERSING "FORWARD"
16	16	GREEN	31	RIGHT PRIMARY REVERSING "REVERSE"
15	17	RED	32	ROCKING SHAKER "SOURCE" FLOW CONTROL
14	18	YELLOW	33	ROCKING SHAKER "SOURCE" FLOW CONTROL
13	19	WHITE	34	CROSS "SOURCE" FLOW CONTROL
12	20	VIOLET	35	CROSS REVERSING VALVE
11	21	BROWN	36	RIGHT LEVELING "DOWN" HDSTS
10	22	BROWN	38	RIGHT LEVELING "UP" HDSTS
9	23	WHITE	40	RIGHT DIGGER BLADE "UP" HDSTS
8	24	WHITE	41	RIGHT DIGGER BLADE "DOWN" HDSTS
7	25	BLUE	44	EXTRA (RIGHT SIDE)
6	26	BLACK	0	FRONT HDSTS GROUND, SECONDARY REVERSING VALVE GROUND

TUPLING #19098
 GRPTW - DOUBLE DISCHARGE

PLUG #2 29 PIN

42	COOLER FAN #1 +12VDC 10AWG (30 AMP C.B.)	RED	1
43	COOLER FAN #2 +12VDC 10AWG (30 AMP C.B.)	RED	2
042	COOLER FAN #1 GROUND 10AWG	BLACK	3
043	COOLER FAN #2 GROUND 10AWG	BLACK	4
37	LEFT CROSS SLIDE "BACK" HDSTS ✓	GREEN	5
00	LEFT PRIMARY GROUND, LEFT HDSTS GROUND ✓	BLACK	6
14	LEFT PRIMARY REVERSING "FORWARD" ✓	ORANGE	7
19	LEFT PRIMARY REVERSING "REVERSE" ✓	ORANGE	8
26	LEFT CROSS SLIDE "FORWARD" HDSTS ✓	GREEN	9
39	LEFT CROSS DISCHARGE "UP" HDSTS ✓	RED	10
3	LEFT LEVELING "DOWN" HDSTS ✓	BLUE	11
8	LEFT LEVELING "UP" HDSTS ✓	BLUE	12
5	FLASHERS (LEFT SIDE)	YELLOW	13
27	LEFT CROSS DISCHARGE "DOWN" HDSTS ✓	RED	14
45	EXTRA (RIGHT SIDE) ✓	GREEN	15
46	REAR STEER HDSTS ✓	BLUE	16
47	REAR STEER HDSTS ✓	GREEN	17
4	SECONDARY "BRAND" FLOW CONTROL (BELDEN - RED) IQAN C1:15	ORANGE	18
9	SECONDARY "BRAND" FLOW CONTROL (BELDEN - WHITE) IQAN C1:40	ORANGE	20
48	6.4 HYDRO PIN C (IQAN C1:14)	GREEN	23
49	6.4 HYDRO PIN D (IQAN C1:39)	BLACK	24
			25
			26
			27
			28
			29



PLUG #1	PIN #	COLOR	WIRE #	DESCRIPTION
1	1	RED	2	COLTER "UP" HD15
2	2	BLACK	000	RIGHT PRIMARY GROUND, CROSS BYPASS SOLENOID GROUND, CROSS RE- VERSING VALVE GROUND
3	3			
4	4	YELLOW	5	FLASHERS (RIGHT SIDE)
5	5	BROWN	6	SECONDARY REVERSING VALVE
6	6	RED	7	COLTER "DOWN" HD15
7	7	BLACK	05	RIGHT HD15 GROUND, FLASHER GROUND (RIGHT)
8	8			
9	9	BLUE	13	CROSS "SOURCE" FLOW CONTROL
10	10	VIOLET	17	REAR STEERING "RIGHT" HD15 <i>EXTRA (RIGHT SIDE)</i>
11	11	BROWN	18	LEFT DIGGER BLADE "UP" HD15
12	12	BROWN	21	CROSS CONVEYOR SWITCH TO 2017-11304 SOLENOID (BYPASS)
13	13	VIOLET	22	REAR STEERING "LEFT" HD15 <i>EXTRA (RIGHT SIDE)</i>
14	14	BROWN	23	LEFT DIGGER BLADE "DOWN" HD15
15	15	BLUE	24	RIGHT CROSS SLIDE "FORWARD" HD15
16	16	WHITE	25	RIGHT CROSS DISCHARGE "DOWN" HD15
17	17	WHITE	28	RIGHT CROSS DISCHARGE "UP" HD15
18	18	BLUE	29	RIGHT CROSS SLIDE "BACK" HD15
19	19	ORANGE	30	RIGHT PRIMARY REVERSING "FORWARD"
20	20	GREEN	31	RIGHT PRIMARY REVERSING "REVERSE"
21	21	RED	32	ROCKING SHAKER "SOURCE" FLOW CONTROL
22	22	YELLOW	33	ROCKING SHAKER "SOURCE" FLOW CONTROL
23	23	WHITE	34	CROSS "SOURCE" FLOW CONTROL
24	24	VIOLET	35	CROSS REVERSING VALVE
25	25	BROWN	36	RIGHT LEVELING "DOWN" HD15
26	26	BROWN	38	RIGHT LEVELING "UP" HD15
27	27	WHITE	40	RIGHT DIGGER BLADE "UP" HD15
28	28	WHITE	41	RIGHT DIGGER BLADE "DOWN" HD15
29	29	BLUE	44	EXTRA (RIGHT SIDE)
30	30	BLACK	0	FRONT HD15 GROUND, SECONDARY REVERSING VALVE GROUND
31	31	BLACK	000	RIGHT PRIMARY GROUND, CROSS BYPASS SOLENOID GROUND, CROSS RE- VERSING VALVE GROUND

PLUG #2 29 PIN

Pin	Color	Signal Name	Notes
1	RED	COOLER FAN #1 +12VDC 10AWG WEATHER-PACK CONNECTOR	
2	RED	COOLER FAN #2 +12VDC 10AWG	
3	BLACK	COOLER FAN #1 GROUND 10AWG	
4	BLACK	COOLER FAN #2 GROUND 10AWG	
5	GREEN	LEFT CROSS SLIDE "BACK" HD515	
6	BLACK	LEFT PRIMARY GROUND, LEFT HD515 GROUND	
7	ORANGE	LEFT PRIMARY REVERSING "FORWARD"	
8	ORANGE	LEFT PRIMARY REVERSING "REVERSE"	
9	GREEN	LEFT CROSS SLIDE "FORWARD" HD515	
10	RED	LEFT CROSS DISCHARGE "UP" HD515	
11	BLUE	LEFT LEVELING "DOWN" HD515	
12	BLUE	LEFT LEVELING "UP" HD515	
13	YELLOW	FLASHERS (LEFT SIDE)	
14	RED	LEFT CROSS DISCHARGE "DOWN" HD515	
15	GREEN	EXTRA (RIGHT SIDE)	
16	BLUE	EXTRA (LEFT SIDE) REAR STRIP	
17	GREEN	EXTRA (LEFT SIDE) REAR STRIP	
18	ORANGE	SECONDARY "BRAND" FLOW CONTROL	C1:15
19			
20	ORANGE	SECONDARY "BRAND" FLOW CONTROL	C1:40
21			
22			
23	GREEN	6.4 HYDRO PIN C	C1:14
24	BLACK	6.4 HYDRO PIN D	C1:39
25			
26			
27			
28			
29			

Panel Plus to Rear Plate

PLUG #1	31 PIN	PIN #	COLOR	WIRE #	DESCRIPTION
1	RED	2	RED	2	COULTER "UP" HDSTS
2	BLACK	000	BLACK	000	RIGHT PRIMARY GROUND, CROSS BYPASS SOLENOID GROUND, CROSS RE-VERSING VALVE GROUND
3					
4	YELLOW	5	YELLOW	5	FLASHERS (RIGHT SIDE)
5	BROWN	6	BROWN	6	SECONDARY REVERSING VALVE
6	RED	7	RED	7	COULTER "DOWN" HDSTS
7	BLACK	05	BLACK	05	RIGHT HDSTS GROUND, FLASHER GROUND (RIGHT)
8					
9	BLUE	13	BLUE	13	CROSS "SOURCE" FLOW CONTROL
10	VIOLET	17	VIOLET	17	REAR STEERING "RIGHT" HDSTS (<i>Left Hammer</i>)
11	BROWN	18	BROWN	18	LEFT DIGGER BLADE "UP" HDSTS
12	BROWN	21	BROWN	21	CROSS CONVEYOR SWITCH TO 2017-11304 SOLENOID (BYPASS)
13	VIOLET	22	VIOLET	22	REAR STEERING "LEFT" HDSTS (<i>Left Hammer</i>)
14	BROWN	23	BROWN	23	LEFT DIGGER BLADE "DOWN" HDSTS
15	BLUE	24	BLUE	24	RIGHT CROSS SLIDE "FORWARD" HDSTS
16	WHITE	25	WHITE	25	RIGHT CROSS DISCHARGE "DOWN" HDSTS
17	WHITE	28	WHITE	28	RIGHT CROSS DISCHARGE "UP" HDSTS
18	BLUE	29	BLUE	29	RIGHT CROSS SLIDE "BACK" HDSTS
19	ORANGE	30	ORANGE	30	RIGHT PRIMARY REVERSING "FORWARD"
20	GREEN	31	GREEN	31	RIGHT PRIMARY REVERSING "REVERSE"
21	RED	32	RED	32	ROCKING SHAKER "SOURCE" FLOW CONTROL
22	YELLOW	33	YELLOW	33	ROCKING SHAKER "SOURCE" FLOW CONTROL
23	WHITE	34	WHITE	34	CROSS "SOURCE" FLOW CONTROL
24	VIOLET	35	VIOLET	35	CROSS REVERSING VALVE
25	BROWN	36	BROWN	36	RIGHT LEVELING "DOWN" HDSTS
26	BROWN	38	BROWN	38	RIGHT LEVELING "UP" HDSTS
27	WHITE	40	WHITE	40	RIGHT DIGGER BLADE "UP" HDSTS
28	WHITE	41	WHITE	41	RIGHT DIGGER BLADE "DOWN" HDSTS
29	BLUE	44	BLUE	44	EXTRA (RIGHT SIDE)
30	BLACK	0	BLACK	0	FRONT HDSTS GROUND, SECONDARY REVERSING VALVE GROUND
31					RIGHT PRIMARY GROUND, CROSS BYPASS SOLENOID GROUND, CROSS RE-

Revised Plug Tongue plate

PLUG #2 29 PIN					
1	RED	42	COOLER FAN #1 +12VDC 10AWG WEATHER-PACK CONNECTOR		
2	RED	43	COOLER FAN #2 +12VDC 10AWG		
3	BLACK	042	COOLER FAN #1 GROUND 10AWG		
4	BLACK	043	COOLER FAN #2 GROUND 10AWG		
5	GREEN	37	LEFT CROSS SLIDE "BACK" HDSTS - 1		1
6	BLACK	00	LEFT PRIMARY GROUND, LEFT HDSTS GROUND		2
7	ORANGE	14	LEFT PRIMARY REVERSING "FORWARD"		3
8	ORANGE	19	LEFT PRIMARY REVERSING "REVERSE"		4
9	GREEN	26	LEFT CROSS SLIDE "FORWARD" HDSTS - 2		5
10	RED	39	LEFT CROSS DISCHARGE "UP" HDSTS - 3		6
11	BLUE	3	LEFT LEVELING "DOWN" HDSTS - 4		7
12	BLUE	8	LEFT LEVELING "UP" HDSTS - 5		8
13	YELLOW	5	FLASHERS (LEFT SIDE)		9
14	RED	27	LEFT CROSS DISCHARGE "DOWN" HDSTS - 6		10
15	GREEN	45	EXTRA (RIGHT SIDE) <i>pin 15</i>		
16	BLUE	46	EXTRA (LEFT SIDE) - Rear steering		11
17	GREEN	47	EXTRA (LEFT SIDE) - Rear steering		12
18	ORANGE	4	SECONDARY "BRAND" FLOW CONTROL <i>pin 19</i>		
19	ORANGE	9	SECONDARY "BRAND" FLOW CONTROL <i>pin 21</i>		
20	ORANGE				
21					
22					
23	GREEN	48	6.4 HYDRO PIN C		
24	BLACK	49	6.4 HYDRO PIN D		
25					
26					
27					
28					
29					

= 11 WIRE
+ 2 EXTRA
= 13 WIRES

LEFT FLASHER
2 - WIRE

LEFT HD&IS
40 - WIRE (GROUND INCLUDED W/ LT MAIN REV)

LEFT PRIMARY REVERSE
3 - WIRE

LEFT SIDE

RIGHT SIDE

FRONT HDS'IS

7 WIRES

SHAKER FLOW CONTROL

2 WIRES

SECONDARY FLOW CONTROL

2 WIRES

522, REVERSE

1 WIRE (GROUND INCLD'D w/ FRONT HDS'IS)

RIGHT RAIN REVERSE

3 WIRES

CROSS BYPASS

1 WIRE (GROUND w/ RT RAIN REV)

CROSS REVERSE

1 WIRE (GROUND w/ RT RAIN REV)

CROSS FLOW CONTROL

2 WIRE

COOLER

4 - 10 AWG WIRES

RIGHT HDS'IS

9 WIRES

RIGHT FLASHER

1 WIRE (GROUND w/ RT HDS'IS)

= 29 WIRES + 2 EXTRA = 31 WIRES
= 4 WIRES COOLER

