

PLUG #2	PIN #		
1	BROWN	153	LEFT PRIMARY REVERSE
2	ORANGE	154	RIGHT PRIMARY REVERSE
3	BLACK	059	PARK SWT. to 14(5) / 15(5) RED 0015 to SMX to SV4 CLUTCH VALVE
4	YELLOW	752	HYDRAULIC OIL TEMP SENSOR TO GAUGE
5	GREEN	602	TACH SENSOR TO GAUGE
6	GREEN	155	CROSS/BOOM REVERSE
7	BROWN	54	RIGHT TURN SIGNAL
8	YELLOW	53	LEFT TURN SIGNAL
9	BROWN	06	BACK-UP LIGHT SWITCH TO RELAY
10	BLUE	036	WORK LIGHT SWITCH TO RELAY (RIGHT WORK LIGHTS) / RELAY (LEFT WORK LIGHTS)
11			
12	BLACK	01	4 X 4 SWITCH to RELAY
<del>13</del>	<del>BLACK</del>	<del>012</del>	<del>2 SPEED RELAY PIN 30 to SOLENOID</del>
14	BROWN	021	STAR TABLE #1 SWITCH TO DTS-0373B SOLENOID
15	BROWN	011	PRIMARY SWITCH TO SOLENOID DTS-0198C
16	YELLOW	05	LOWER SHAKER SWITCH TO DTS-0373B SOLENOID
17	BROWN	016	CROSS/BOOM CONV. SWITCH to DTS-0373B SOLENOID
18	RED	82	UPPER SHAKER SWITCH TO SV3 SOLENOID (BYPASS)
19	RED	81	FUEL PUMP SWITCH TO FUEL PUMP
20	YELLOW	15	FAN RETURN FILTER #3 to LIGHT (ARMREST)
21	BLUE	03	GROUND DRIVE HI-PRESSURE FILTER #3 to LIGHT (ARMREST)
22	YELLOW	020	HYDRAULIC TANK LEVEL SENSOR to CAB BUZZER/LIGHT BZL12 (ARMREST)
23	WHITE	61	CROSS CONV. PRESSURE SWITCH N.O. to CAB (BZ 6562)
24	BLACK	022	STAR TABLE #2 SWITCH TO DTS-0373B SOLENOID
25	ORANGE	143	CB 7 to HYDRO NEUTRAL SWITCH #1
26	ORANGE	144	HYDRO NEUTRAL SWITCH PIN #2 to PANEL RELAY PIN 86
27	PURPLE	094	ROAD LIGHT SWITCH TO RELAY
28	GREEN	607	SPEEDOMETER TO 4 X MULTIPLIER
29	RED	149	STAR TABLE #2 SPEED RDRS112-30 ACTUATOR
30	YELLOW	150	STAR TABLE #2 SPEED RDRS112-30 ACTUATOR
31	ORANGE	145	RIGHT PRIMARY ACTUATOR (PUMP)
32	BLUE	146	RIGHT PRIMARY ACTUATOR (PUMP)
33	BROWN	088	CB 11 TO BACK UP ALARM LIMIT SWITCH
34	BROWN	0088	BACK UP ALARM LIMIT SWITCH TO BACK UP ALARM
35	BLACK	151	LEFT PRIMARY ACTUATOR (PUMP)
36	GREEN	425	PRIMARY TEMP SENDER TO GAUGE
37	RED	152	LEFT PRIMARY ACTUATOR (PUMP)

PANEL

PANEL

PANEL

PANEL

PANEL

PANEL

PANEL

A/c plug?

RED 17 on A  
ORANGE 94 on C

PLUG #3	LARGE 16 PIN		
PIN #			
*1	RED	18	CB 6 TO WIPER
2	RED	12	CB 6 TO RADIO
3	PURPLE	705	ENGINE OIL PRESSURE TO GAUGE
4	BLACK	20	CAB GROUND TO PANEL GROUND
5	BROWN	503	LIGHT SWITCH "ROAD POSITION" TO RELAY
6	RED	22	CB 7 TO DOME-PANEL-LIGHT SWITCH-RADIO MEMORY
*7	BROWN	507	CAB FIELD LIGHT RELAY TO CAB FIELD LIGHTS
8	YELLOW	755	HYDRAULIC OIL TEMP WARNING LIGHT
9	ORANGE	924	OIL PRESSURE LIGHT TO SENDER
*10	BROWN	526	CAB ROAD LIGHT RELAY TO CAB LIGHTS
11	BLUE	652	FUEL GAUGE TO SENDER
12	BLUE	653	WATER LIGHT TO SENDER
13	GREEN	617	WATER GAUGE TO SENDER
14	BROWN	504	LIGHT SWITCH "FIELD POSITION" TO RELAY
*15	BLACK	156	CB 7 TO AUX POWER OUTLETS 12AWG
16	RED	21	CB 8 TO PIN 4 ON GAUGE PANEL
*			LARGE PINS

RED 14

CAB SIDE

MACHINE SIDE

PLUG #4	PIN #		
1	RED	118	MASTER BLADE SWITCH "UP" TO PANEL TERMINAL STRIP (T5) to MV5
2	BLACK	119	MASTER BLADE SWITCH "DN" TO PANEL TERMINAL STRIP (T3) to MV5
✓ 3	BLACK	SW1	LEFT BLADE "UP" CYBER-TECH to PANEL (T2) to MV5 (ORANGE 29) (YELLOW 7) ✓
✓ 4	RED	SW1	LEFT BLADE "DOWN" CYBER-TECH to PANEL (T1) to MV5 (BLUE 30) (GREEN 8) ✓
✓ 5	ORANGE	SW2	RIGHT BLADE "UP" CYBER-TECH to PANEL (T7) to MV5 (WHITE 35) (BLUE 11) ✓
✓ 6	BLUE	SW2	RIGHT BLADE "DOWN" CYBER-TECH to PANEL (T6) to MV5 (BROWN 37) (WHITE 12) ✓
7	YELLOW	SW3	STAR SPACING "UP" CYBER-TECH to MV5 (YELLOW 116) (Brown 33) ✓
8	BROWN	SW3	STAR SPACING "DOWN" CYBER-TECH to MV5 (BROWN 117) (YELLOW 32) ✓
9	VIOLET	SW4	3 POINT "UP" CYBER-TECH to MV5 (PURPLE 114) (Brown 1) ✓
10	GRAY	SW4	3 POINT "DOWN" CYBER-TECH to MV5 (GREEN 115) ?
11	WHITE/BROWN	SW5	MAIN BOOM "UP" CYBER-TECH to MV5 (WHITE 112) (GREEN 90) ✓
12	WHITE/BLACK	SW5	MAIN BOOM "DOWN" CYBER-TECH to MV5 (BROWN 113) (RED 91) ✓
13	WHITE/RED	SW6	OUTER BOOM "UP" CYBER-TECH to MV5 (ORANGE 110) (BLUE 92) ✓
14	WHITE/YELLOW	SW6	OUTER BOOM "DOWN" CYBER-TECH to MV5 (BLUE 111) (WHITE 93) ✓
15	WHITE		COMMON ( +12VDC) CB 8 (GREEN 091)
16	GREEN		GROUND ( -12VDC) (BLACK 020)
***1	RED	21	CB 7 TO PIN 4 ON GAUGE PANEL
		***	Relocate internal J.D. RED 21 to Plug 3 Pin 16



#97121

KRUCKEBERG 4RSPHH  
HORSERADISH HARVESTER

12/16/2019

PLUG #6	COLOR	WIRE #	DESCRIPTION	
PIN #				
1	BLACK	120	REMOTE #1 SWITCH TO FRONT MV5	RED 1
2	WHITE	121	REMOTE #1 SWITCH TO FRONT MV5	RED 11
3	YELLOW	122	REMOTE #2 SWITCH TO FRONT MV5	PURPLE 2
4	RED	123	REMOTE #2 SWITCH TO FRONT MV5	PURPLE 22
5	GREEN	124	REMOTE #3 SWITCH TO FRONT MV5	ORANGE 3
6	ORANGE	125	STAR #1 REVERSE SWITCH TO CS11RDE	RED 1467
7	BLUE	126	STAR #2 REVERSE SWITCH TO CS11RDE	RED 151
8	BROWN	127	STAR ANGLE SWITCH TO MV5 BY CAB	PURPLE 96
9	WHITE	128	STAR ANGLE SWITCH TO MV5 BY CAB	ORANGE 97
10	ORANGE	33	REMOTE # 3 SWITCH TO FRONT MV5	
11				
12				
13				
14				
15				
16				



KRUCKEBERG 4RSPHH  
HORSERADISH HARVESTER

PLUG #1			
PIN #			
1	YELLOW	92	CB 1 to HAZARD STAT to FLASHER SWITCH
2	GREEN	91	CB 2 to RIGHT WORK LIGHT RELAY AND SWITCH
3	ORANGE	90	CB 3 to LEFT WORK LIGHT RELAY AND SWITCH
4	BLACK	017	CB 4 to BRAKE, STEER, WARNING, SPEEDOMETER
5	YELLOW	089	CB5 to MASTER SWITCH
6	YELLOW	89	CB 5 to MASTER SWITCH
7	BLACK	012	HI/LO SWITCH TO RELAY
8	BLACK	0012	CB 7 to 2-SPEED / 4 X 4 SWITCHES/ WHITE IN CYBER-TECH HANDLE
9	BLACK	0017	BRAKE SWITCH to BRAKE SOLENOID (BLACK/BLUE 17)
10	BROWN	88	CB 11 to ROAD / BACK UP/ STROBE LIGHTS SWITCHES & RELAYS
11	WHITE	85	CB 12 to ACTUATOR SWITCHES
12	BLACK	804	SEAT SWITCH TO PIN 6 TIME DELAY RELAY
13	ORANGE	090	RESET SWITCH TO PIN 30 RESET RELAY
14	YELLOW	089	RESET SWITCH TO PIN 1 TIME DELAY RELAY
15	WHITE	65	STAR TABLE #1 SPEED RDRS112-30 ACTUATOR
16	PURPLE	66	STAR TABLE #1 SPEED RDRS112-30 ACTUATOR
17	RED	081	CB10 to FUEL PUMP SWITCH
18	WHITE	39	STROBE LIGHT SWITCH to STROBE LIGHTS
19	YELLOW	33	LOWER SHAKER SPEED RDRS112-30 ACTUATOR
20	RED	32	LOWER SHAKER SPEED RDRS112-30 ACTUATOR
21	RED	70	UPPER SHAKER SPEED RDRS112-30 ACTUATOR
22	PURPLE	69	UPPER SHAKER SPEED RDRS112-30 ACTUATOR
23	RED	52	CB 16 to FOOT SWITCHES 12VDC
24	PURPLE	83	FOOT SWITCHES to STEERING BOX
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			

PLUG #2			
PIN #			
1	BROWN	153	LEFT PRIMARY REVERSE
2	ORANGE	154	RIGHT PRIMARY REVERSE
3	BLACK	059	PARK SWT. to 14(5) / 15(5) RED 0015 to SMX to SV4 CLUTCH VALVE
4	YELLOW	752	HYDRAULIC OIL TEMP SENSOR TO GAUGE
5	GREEN	602	TACH SENSOR TO GAUGE
6	GREEN	155	CROSS/BOOM REVERSE
7	BROWN	54	RIGHT TURN SIGNAL
8	YELLOW	53	LEFT TURN SIGNAL
9	BROWN	06	BACK-UP LIGHT SWITCH TO RELAY
10	BLUE	036	WORK LIGHT SWITCH TO RELAY (RIGHT WORK LIGHTS)
11	BLACK	034	WORK LIGHT SWITCH TO RELAY (LEFT WORK LIGHTS)
12	BLACK	01	4 X 4 SWITCH to RELAY
13	BLACK	12	2 - SPEED RELAY PIN 30 to SOLENOID
14	BROWN	021	STAR TABLE #1 SWITCH TO DTS-0373B SOLENOID
15	BROWN	011	PRIMARY SWITCH TO SOLENOID DTS-0198C
16	YELLOW	05	LOWER SHAKER SWITCH TO DTS-0373B SOLENOID
17	BROWN	016	CROSS/BOOM CONV. SWITCH to DTS-0373B SOLENOID
18	RED	82	UPPER SHAKER SWITCH TO SV3 SOLENOID (BYPASS)
19	RED	81	FUEL PUMP SWITCH TO FUEL PUMP
20	YELLOW	15	FAN RETURN FILTER #3 to LIGHT (ARMREST)
21	BLUE	03	GROUND DRIVE HI-PRESSURE FILTER #3 to LIGHT (ARMREST)
22	YELLOW	020	HYDRAULIC TANK LEVEL SENSOR to CAB BUZZER/LIGHT BZL12 (ARMREST)
23	WHITE	61	CROSS CONV.PRESSURE SWITCH N.O. to CAB (BZ 6562)
24	BLACK	022	STAR TABLE #2 SWITCH TO DTS-0373B SOLENOID
25	ORANGE	143	CB 7 to HYDRO NEUTRAL SWITCH #1
26	ORANGE	144	HYDRO NEUTRAL SWITCH PIN #2 to PANEL RELAY PIN 86
27	PURPLE	094	ROAD LIGHT SWITCH TO RELAY
28	GREEN	607	SPEEDOMETER TO 4 X MULTIPLIER
29	RED	149	STAR TABLE #2 SPEED RDRS112-30 ACTUATOR
30	YELLOW	150	STAR TABLE #2 SPEED RDRS112-30 ACTUATOR
31	ORANGE	145	RIGHT PRIMARY ACTUATOR (PUMP)
32	BLUE	146	RIGHT PRIMARY ACTUATOR (PUMP)
33	BROWN	088	CB 11 TO BACK UP ALARM LIMIT SWITCH
34	BROWN	0088	BACK UP ALARM LIMIT SWITCH TO BACK UP ALARM
35	BLACK	151	LEFT PRIMARY ACTUATOR (PUMP)
36	GREEN	425	PRIMARY TEMP SENDER TO GAUGE
37	RED	152	LEFT PRIMARY ACTUATOR (PUMP)





PLUG #3			LARGE 16 PIN
PIN #			
*1	RED	18	CB 6 TO WIPER
2	RED	12	CB 6 TO RADIO
3	PURPLE	705	ENGINE OIL PRESSURE TO GAUGE
4	BLACK	20	CAB GROUND TO PANEL GROUND
5	BROWN	503	LIGHT SWITCH "ROAD POSITION" TO RELAY
6	RED	22	CB 8 TO DOME-PANEL-LIGHT SWITCH-RADIO MEMORY
*7	BROWN	507	CAB FIELD LIGHT RELAY TO CAB FIELD LIGHTS
8	YELLOW	755	HYDRAULIC OIL TEMP WARNING LIGHT
9	ORANGE	924	OIL PRESSURE LIGHT TO SENDER
*10	BROWN	526	CAB ROAD LIGHT RELAY TO CAB LIGHTS
11	BLUE	652	FUEL GAUGE TO SENDER
12	BLUE	653	WATER LIGHT TO SENDER
13	GREEN	617	WATER GAUGE TO SENDER
14	BROWN	504	LIGHT SWITCH "FIELD POSITION" TO RELAY
*15	BLACK	156	CB 15 TO AUX POWER OUTLETS 12AWG
16	RED	21	CB 7 TO PIN 4 ON GAUGE PANEL
*			LARGE PINS

PLUG #1			
PIN #			
1	YELLOW	92	CB 1 to HAZARD STAT to FLASHER SWITCH
2	GREEN	91	CB 2 to RIGHT WORK LIGHT RELAY AND SWITCH
3	ORANGE	091	CB 3 to LEFT WORK LIGHT RELAY
4	BLACK	017	CB 4 to BRAKE, STEER, WARNING, SPEEDOMETER
5	ORANGE	90	RELAY TO MASTER SWITCH (CB 15)
6	YELLOW	89	RELAY TO MASTER SWITCH (CB 5)
7	BLACK	012	HI/LO SWITCH TO RELAY
8	BLACK	0012	CB 8 to 2-SPEED / 4 X 4 SWITCHES/ WHITE IN CYBER-TECH HANDLE
9	BLACK	0017	BRAKE SWITCH to BRAKE SOLENOID (BLACK 17)
10	BROWN	88	CB 11 to ROAD / BACK UP/ STROBE LIGHTS SWITCHES & RELAYS
11	WHITE	85	CB 12 to ACTUATOR SWITCHES
12	BLACK	804	SEAT SWITCH TO PIN 6 TIME DELAY RELAY
13	ORANGE	090	RESET SWITCH TO PIN 30 RESET RELAY
14	YELLOW	089	RESET SWITCH TO PIN 1 TIME DELAY RELAY
15	WHITE	65	STAR TABLE #1 SPEED RDRS112-30 ACTUATOR
16	PURPLE	66	STAR TABLE #1 SPEED RDRS112-30 ACTUATOR
17	RED	081	CB10 to FUEL PUMP SWITCH
18	WHITE	39	STROBE LIGHT SWITCH to STROBE LIGHTS
19	YELLOW	33	LOWER SHAKER SPEED RDRS112-30 ACTUATOR
20	RED	32	LOWER SHAKER SPEED RDRS112-30 ACTUATOR
21	RED	70	UPPER SHAKER SPEED RDRS112-30 ACTUATOR
22	PURPLE	69	UPPER SHAKER SPEED RDRS112-30 ACTUATOR
23	RED	52	CB 16 to FOOT SWITCHES 12VDC
24	PURPLE	83	FOOT SWITCHES to STEERING BOX RELAYS #1 AND #2 PIN 86
25	BLACK	810	SEAT SWITCH TO PIN 7 TIME DELAY RELAY
26	BLUE	55	LEFT CRAB FOOT SWITCH TO STEERING BOX RELAY #1 PIN 87
27	ORANGE	56	RIGHT CRAB FOOT SWITCH TO STEERING BOX RELAY #2 PIN 87
28	BLUE	57	FLOAT SWITCH #1 TO SV4 SOLENOID PIN 1
29	ORANGE	58	FLOAT SWITCH #2 TO SV4 SOLENOID PIN 1
30	PURPLE	160	TRUCK LIGHT FOOT PEDAL TO "FORWARD" TRUCK LIGHT
31	ORANGE	161	TRUCK LIGHT FOOT PEDAL TO "BACK" TRUCK LIGHT
32	GREEN	45	CROSS/BOOM SPEED SWITCH TO RDRS112-30
33	BROWN	46	CROSS/BOOM SPEED SWITCH TO RDRS112-30
34			
35			
36			
37			

PLUG #2			
PIN #			
1	BROWN	153	LEFT PRIMARY REVERSE
2	ORANGE	154	RIGHT PRIMARY REVERSE
3	BLACK	059	PARK SWT. to 14(5) / 15(5) RED 0015 to SMX to SV4 CLUTCH VALVE
4	YELLOW	752	HYDRAULIC OIL TEMP SENSOR TO GAUGE
5	GREEN	602	TACH SENSOR TO GAUGE
6	GREEN	155	CROSS/BOOM REVERSE
7	BROWN	54	RIGHT TURN SIGNAL
8	YELLOW	53	LEFT TURN SIGNAL
9	BROWN	06	BACK-UP LIGHT SWITCH TO RELAY
10	BLUE	036	WORK LIGHT SWITCH TO RELAY (RIGHT WORK LIGHTS) / RELAY (LEFT WORK LIGHTS)
11			
12	BLACK	01	4 X 4 SWITCH to RELAY
13	BLACK	12	2 - SPEED RELAY PIN 30 to SOLENOID
14	BROWN	021	STAR TABLE #1 SWITCH TO DTS-0373B SOLENOID
15	BROWN	011	PRIMARY SWITCH TO SOLENOID DTS-0198C
16	YELLOW	05	LOWER SHAKER SWITCH TO DTS-0373B SOLENOID
17	BROWN	016	CROSS/BOOM CONV. SWITCH to DTS-0373B SOLENOID
18	RED	82	UPPER SHAKER SWITCH TO SV3 SOLENOID (BYPASS)
19	RED	81	FUEL PUMP SWITCH TO FUEL PUMP
20	YELLOW	15	FAN RETURN FILTER #3 to LIGHT (ARMREST)
21	BLUE	03	GROUND DRIVE HI-PRESSURE FILTER #3 to LIGHT (ARMREST)
22	YELLOW	020	HYDRAULIC TANK LEVEL SENSOR to CAB BUZZER/LIGHT BZL12 (ARMREST)
23	WHITE	61	CROSS CONV.PRESSURE SWITCH N.O. to CAB (BZ 6562)
24	BLACK	022	STAR TABLE #2 SWITCH TO DTS-0373B SOLENOID
25	ORANGE	143	CB 7 to HYDRO NEUTRAL SWITCH #1
26	ORANGE	144	HYDRO NEUTRAL SWITCH PIN #2 to PANEL RELAY PIN 86
27	PURPLE	094	ROAD LIGHT SWITCH TO RELAY
28	GREEN	607	SPEEDOMETER TO 4 X MULTIPLIER
29	RED	149	STAR TABLE #2 SPEED RDRS112-30 ACTUATOR
30	YELLOW	150	STAR TABLE #2 SPEED RDRS112-30 ACTUATOR
31	ORANGE	145	RIGHT PRIMARY ACTUATOR (PUMP)
32	BLUE	146	RIGHT PRIMARY ACTUATOR (PUMP)
33	BROWN	088	CB 11 TO BACK UP ALARM LIMIT SWITCH
34	BROWN	0088	BACK UP ALARM LIMIT SWITCH TO BACK UP ALARM
35	BLACK	151	LEFT PRIMARY ACTUATOR (PUMP)
36	GREEN	425	PRIMARY TEMP SENDER TO GAUGE
37	RED	152	LEFT PRIMARY ACTUATOR (PUMP)

PLUG #3			LARGE 16 PIN
PIN #			
*1	RED	18	CB 6 TO WIPER
2	RED	12	CB 6 TO RADIO
3	PURPLE	705	ENGINE OIL PRESSURE TO GAUGE
4	BLACK	20	CAB GROUND TO PANEL GROUND
5	BROWN	503	LIGHT SWITCH "ROAD POSITION" TO RELAY
6	RED	22	CB 7 TO DOME-PANEL-LIGHT SWITCH-RADIO MEMORY
*7	BROWN	507	CAB FIELD LIGHT RELAY TO CAB FIELD LIGHTS
8	YELLOW	755	HYDRAULIC OIL TEMP WARNING LIGHT
9	ORANGE	924	OIL PRESSURE LIGHT TO SENDER
*10	BROWN	526	CAB ROAD LIGHT RELAY TO CAB LIGHTS
11	BLUE	652	FUEL GAUGE TO SENDER
12	BLUE	653	WATER LIGHT TO SENDER
13	GREEN	617	WATER GAUGE TO SENDER
14	BROWN	504	LIGHT SWITCH "FIELD POSITION" TO RELAY
*15	BLACK	156	CB 7 TO AUX POWER OUTLETS 12AWG
16	RED	21	CB 8 TO PIN 4 ON GAUGE PANEL
*			LARGE PINS

KRUCKENBERG 4RSPHH  
 HORSERADISH HARVESTER

PLUG #4			
PIN #			
1	RED	118	MASTER BLADE SWITCH "UP" TO PANEL TERMINAL STRIP (T5) to MV5
2	BLACK	119	MASTER BLADE SWITCH "DN" TO PANEL TERMINAL STRIP (T3) to MV5
3	BLACK	SW1	LEFT BLADE "UP" CYBER-TECH to PANEL (T2) to MV5 (ORANGE 29)
4	RED	SW1	LEFT BLADE "DOWN" CYBER-TECH to PANEL (T1) to MV5 (BLUE 30)
5	ORANGE	SW2	RIGHT BLADE "UP" CYBER-TECH to PANEL (T7) to MV5 (WHITE 35)
6	BLUE	SW2	RIGHT BLADE "DOWN" CYBER-TECH to PANEL (T6) to MV5 (BROWN 37)
7	YELLOW	SW3	STAR SPACING "UP" CYBER-TECH to MV5 (YELLOW 116)
8	BROWN	SW3	STAR SPACING "DOWN" CYBER-TECH to MV5 (BROWN 117)
9	VIOLET	SW4	3 POINT "UP" CYBER-TECH to MV5 (PURPLE 114)
10	GRAY	SW4	3 POINT "DOWN" CYBER-TECH to MV5 (GREEN 115)
11	WHITE/BROWN	SW5	MAIN BOOM "UP" CYBER-TECH to MV5 (WHITE 112)
12	WHITE/BLACK	SW5	MAIN BOOM "DOWN" CYBER-TECH to MV5 (BROWN 113)
13	WHITE/RED	SW6	OUTER BOOM "UP" CYBER-TECH to MV5 (ORANGE 110)
14	WHITE/YELLOW	SW6	OUTER BOOM "DOWN" CYBER-TECH to MV5 (BLUE 111)
15	WHITE		COMMON ( +12VDC) CB 8 (GREEN 091)
16	GREEN		GROUND ( -12VDC) (BLACK 020)
***1	RED	21	CB 7 TO PIN 4 ON GAUGE PANEL
		***	Relocate internal J.D. RED 21 to Plug 3 Pin 16

PLUG #5				
PIN #				
1	RED	11	ST87 HOT SIDE	
2				
3	RED	13	ST87 IGNITION SIDE	
4	BROWN	502	POWER FROM TURN SIGNAL STAT	
5	WHITE	104	TO START RELAY PIN 30 PANEL	
6				
7				
8				
9				
10				
11				
12				
13				
14	BLACK	59	CLUTCH SWITCH TO PARK BRAKE SWITCH	3(2) N. O.
15	RED	0015	CLUTCH SWITCH TO BRAKE SMX SWITCH TO CLUTCH SV4 SOLENOID	
16				
17				
18	BROWN	522	RIGHT TURN SIGNAL	BROWN 54
19			522 TO 512	
20	YELLOW	523	LEFT TURN SIGNAL	YELLOW 53
21			523 TO 513	
22				
23				
24				
<b>PIN#</b>			<b>GAUGE PANEL</b>	
1	PURPLE	705	OIL PRESSURE GAUGE	
2	BLACK	20	CAB GROUND TO BUSS BAR	
3	BROWN	526	INTERNAL LAMPS	
4	RED	21	IGNITION & BATTERY TO CB 8	
5	GREEN	617	TEMPERATURE GAUGE	
6	BLUE	652	FUEL GAUGE	
7				
8				
*9	BLUE	653	WATER TEMPERATURE LIGHT	RED 21
*10	ORANGE	924	OIL PRESSURE LIGHT	RED 21
*9	TO BZ6562			
*10	TO BZ6562			

KRUCKEBERG 4RSPHH  
HORSERADISH HARVESTER

PLUG #6	COLOR	WIRE #	DESCRIPTION
PIN #			
1	BLACK	120	REMOTE #1 SWITCH TO FRONT MV5
2	WHITE	121	REMOTE #1 SWITCH TO FRONT MV5
3	YELLOW	122	REMOTE #2 SWITCH TO FRONT MV5
4	RED	123	REMOTE #2 SWITCH TO FRONT MV5
5	GREEN	124	REMOTE #3 SWITCH TO FRONT MV5
6	ORANGE	125	STAR #1 REVERSE SWITCH TO CS11RDE
7	BLUE	126	STAR #2 REVERSE SWITCH TO CS11RDE
8	BROWN	127	STAR ANGLE SWITCH TO MV5 BY CAB
9	WHITE	128	STAR ANGLE SWITCH TO MV5 BY CAB
10			
11			
12			
13			
14			
15			
16			





KRUCKEBERG 4RSPHH  
HORSERADISH HARVESTER

PLUG #1	PIN #		
1	92	YELLOW	CB 1 to HAZARD STAT to FLASHER SWITCH
2	91	GREEN	CB 2 to RIGHT WORK LIGHT RELAY AND SWITCH
3	90	ORANGE	CB 3 to LEFT WORK LIGHT RELAY
4	017	BLACK	CB 4 to BRAKE, STEER, WARNING, SPEEDOMETER
5	089	ORANGE	RELAY TO MASTER SWITCH (CB 5)
6	89	YELLOW	RELAY TO MASTER SWITCH (CB 5)
7	012	BLACK	HI/LO SWITCH TO RELAY
8	0012	BLACK	CB 7 to 2-SPEED / 4 X 4 SWITCHES/ WHITE IN CYBER-TECH HANDLE
9	0017	BLACK	BRAKE SWITCH to BRAKE SOLENOID (BLACK 17)
10	88	BROWN	CB 11 to ROAD / BACK UP/ STROBE LIGHTS SWITCHES & RELAYS
11	85	WHITE	CB 12 to ACTUATOR SWITCHES
12	804	BLACK	SEAT SWITCH TO PIN 6 TIME DELAY RELAY
13	090	ORANGE	RESET SWITCH TO PIN 30 RESET RELAY
14	089	YELLOW	RESET SWITCH TO PIN 1 TIME DELAY RELAY
15	65	WHITE	STAR TABLE #1 SPEED RDRS112-30 ACTUATOR
16	66	PURPLE	STAR TABLE #1 SPEED RDRS112-30 ACTUATOR
17	081	RED	CB10 to FUEL PUMP SWITCH
18	39	WHITE	STROBE LIGHT SWITCH to STROBE LIGHTS
19	33	YELLOW	LOWER SHAKER SPEED RDRS112-30 ACTUATOR
20	32	RED	LOWER SHAKER SPEED RDRS112-30 ACTUATOR
21	70	RED	UPPER SHAKER SPEED RDRS112-30 ACTUATOR
22	69	PURPLE	UPPER SHAKER SPEED RDRS112-30 ACTUATOR
23	52	RED	CB 16 to FOOT SWITCHES 12VDC
24	83	PURPLE	FOOT SWITCHES to STEERING BOX RELAYS #1 AND #2 PIN 86
25	810	BLACK	SEAT SWITCH TO PIN 7 TIME DELAY RELAY
26	55	BLUE	LEFT CRAB FOOT SWITCH TO STEERING BOX RELAY #1 PIN 87
27	56	ORANGE	RIGHT CRAB FOOT SWITCH TO STEERING BOX RELAY #2 PIN 87
28	57	BLUE	FLOAT SWITCH #1 TO SV4 SOLENOID PIN 1
29	58	ORANGE	FLOAT SWITCH #2 TO SV4 SOLENOID PIN 1
30	160	PURPLE	TRUCK LIGHT FOOT PEDAL TO "FORWARD" TRUCK LIGHT
31	161	ORANGE	TRUCK LIGHT FOOT PEDAL TO "BACK" TRUCK LIGHT
32	45	GREEN	CROSS/BOOM SPEED SWITCH TO RDRS112-30
33	46	BROWN	CROSS/BOOM SPEED SWITCH TO RDRS112-30
34			
35			
36			
37			

KRUCKEBERG 4RSPHH  
HORSE RADISH HARVESTER

12/2/2019

PLUG #2	PIN #		
1	BROWN	153	LEFT PRIMARY REVERSE
2	ORANGE	154	RIGHT PRIMARY REVERSE
3	BLACK	059	PARK SWT. to 14(5) / 15(5) RED 0015 to SMX to SV4 CLUTCH VALVE
4	YELLOW	752	HYDRAULIC OIL TEMP SENSOR TO GAUGE
5	GREEN	602	TACH SENSOR TO GAUGE
6	GREEN	155	CROSS/BOOM REVERSE
7	BROWN	54	RIGHT TURN SIGNAL
8	YELLOW	53	LEFT TURN SIGNAL
9	BROWN	06	BACK-UP LIGHT SWITCH TO RELAY
10	BLUE	036	WORK LIGHT SWITCH TO RELAY (RIGHT WORK LIGHTS) / RELAY (LEFT WORK LIGHTS)
11			
12	BLACK	01	4 X 4 SWITCH TO RELAY
13	BLACK	12	2 - SPEED RELAY PIN 30 to SOLENOID
14	BROWN	021	STAR TABLE #1 SWITCH TO DTS-0373B SOLENOID
15	BROWN	011	PRIMARY SWITCH TO SOLENOID DTS-0198C
16	YELLOW	05	LOWER SHAKER SWITCH TO DTS-0373B SOLENOID
17	BROWN	016	CROSS/BOOM CONV. SWITCH to DTS-0373B SOLENOID
18	RED	82	UPPER SHAKER SWITCH TO SV3 SOLENOID (BYPASS)
19	RED	81	FUEL PUMP SWITCH TO FUEL PUMP
20	YELLOW	15	CHOPPER HP FILTER #3 to LIGHT (ARMREST)
21	BLUE	03	GROUND DRIVE HI-PRESSURE FILTER #3 to LIGHT (ARMREST)
22	YELLOW	020	HYDRAULIC TANK LEVEL SENSOR to CAB BUZZER/LIGHT BZL12 (ARMREST)
23	WHITE	61	CROSS CONV. PRESSURE SWITCH N.O. to CAB (BZ 6562)
24	BLACK	022	STAR TABLE #2 SWITCH TO DTS-0373B SOLENOID
25	ORANGE	143	CB 7 to HYDRO NEUTRAL SWITCH #1
26	ORANGE	144	HYDRO NEUTRAL SWITCH PIN #2 to PANEL RELAY PIN 86
27	PURPLE	094	ROAD LIGHT SWITCH TO RELAY
28	GREEN	607	SPEEDOMETER TO 4 X MULTIPLIER
29	RED	149	STAR TABLE #2 SPEED RDRS112-30 ACTUATOR
30	YELLOW	150	STAR TABLE #2 SPEED RDRS112-30 ACTUATOR
31	ORANGE	145	RIGHT PRIMARY ACTUATOR (PUMP)
32	BLUE	146	RIGHT PRIMARY ACTUATOR (PUMP)
33	BROWN	088	CB 11 TO BACK UP ALARM LIMIT SWITCH
34	BROWN	0088	BACK UP ALARM LIMIT SWITCH TO BACK UP ALARM
35	BLACK	151	LEFT PRIMARY ACTUATOR (PUMP)
36	GREEN	425	PRIMARY TEMP SENDER TO GAUGE
37	RED	152	LEFT PRIMARY ACTUATOR (PUMP)

KRUCKERBERG 4RSPHH  
 HORSERADISH HARVESTER

12/2/2019

PLUG #3	PIN #			LARGE 16 PIN
*1	RED	18	CB 6 TO WIPER	
2	RED	12	CB 6 TO RADIO	
3	PURPLE	705	ENGINE OIL PRESSURE TO GAUGE	
4	BLACK	20	CAB GROUND TO PANEL GROUND	
5	BROWN	503	LIGHT SWITCH "ROAD POSITION" TO RELAY	
6	RED	22	CB 8 TO DOME-PANEL-LIGHT SWITCH-RADIO MEMORY	
*7	BROWN	507	CAB FIELD LIGHT RELAY TO CAB FIELD LIGHTS	
8	YELLOW	755	HYDRAULIC OIL TEMP WARNING LIGHT	
9	ORANGE	924	OIL PRESSURE LIGHT TO SENDER	
*10	BROWN	526	CAB ROAD LIGHT RELAY TO CAB LIGHTS	
11	BLUE	652	FUEL GAUGE TO SENDER	
12	BLUE	653	WATER LIGHT TO SENDER	
13	GREEN	617	WATER GAUGE TO SENDER	
14	BROWN	504	LIGHT SWITCH "FIELD POSITION" TO RELAY	
*15	BLACK	156	CB 15 TO AUX POWER OUTLETS 12AWG	
16	RED	21	CB 7 TO PIN 4 ON GAUGE PANEL	
*				LARGE PINS





KRUCKEBERG 4RSPHH  
HORSE RADISH HARVESTER

12/10/2019

PLUG #6	COLOR	WIRE #	DESCRIPTION	PIN #
1	BLACK	120	REMOTE #1 SWITCH TO FRONT MVS	1
2	WHITE	121	REMOTE #1 SWITCH TO FRONT MVS	2
3	YELLOW	122	REMOTE #2 SWITCH TO FRONT MVS	3
4	RED	123	REMOTE #2 SWITCH TO FRONT MVS	4
5	GREEN	124	REMOTE #3 SWITCH TO FRONT MVS	5
6	ORANGE	125	STAR #1 REVERSE SWITCH TO CS11RDE	6
7	BLUE	126	STAR #2 REVERSE SWITCH TO CS11RDE	7
8	BROWN	127	STAR ANGLE SWITCH TO MVS BY CAB	8
9	WHITE	128	STAR ANGLE SWITCH TO MVS BY CAB	9
10				10
11				11
12				12
13				13
14				14
15				15
16				16

MAIN FRAME HARNESS

LOCATION	DESCRIPTION	WIRE #	COLOR
PANEL/DTS-0150	4 X 4 RELAY TO DTS-0150 SOLENOIDS - 2	1	BLACK
PANEL/DTS-0150	2-SPEED RELAY PIN 30 TO 2-SPEED SOLENOID DTS-0150	12	BLACK
PANEL/DTS-0150	PIN #9 PLUG #1 TO BRAKE SOLENOID DTS-0150	17	BLACK
CAB/DTS-0373	PIN #24 PLUG #2 TO STAR TABLE #2 SOLENOID DTS-0373	22	BLACK
PANEL/ENGINE	START RELAY PIN 87 OUT TO START SOLENOID	2	RED
PANEL/ENGINE	PIN #5 PLUG #2 TO TACHOMETER SENSOR FLYWHEEL	7	RED
PANEL/ENGINE	TACHOMETER SENSOR TO PANEL GROUND	18	BLUE
CAB/HYD TANK	PIN #4 PLUG #2 TO HYDRAULIC OIL TEMP SENSOR	23	ORANGE
CAB/ REAR HITCH	PIN #21 PLUG #2 TO GROUND DRIVE FILTER #3	3	BLUE
PANEL/REAR HITCH	CB 4 PANEL TO GROUND DRIVE FILTER #1	8	BLACK
PANEL/ENGINE	ST87 IGNITION SIDE TO FUEL SHUT OFF SOLENOID	13	RED
CAB/ENGINE	A/C PLUG ORANGE 914 TO A/C CLUTCH	24	ORANGE
CAB/ENGINE	PIN #13 PLUG #3 TO ENGINE WATER TEMP SENDER	4	ORANGE
CAB/ENGINE	PIN #12 PLUG #3 TO ENGINE WATER TEMP SENDER	9	BLACK
CAB/ENGINE	PIN #3 PLUG #3 TO ENGINE OIL PRESSURE SENDER	14	RED
CAB/ENGINE	PIN #9 PLUG #3 TO ENGINE OIL PRESSURE SENDER	19	BLUE
CAB/DTS-0373	PIN #16 PLUG #2 TO LOWER SHAKER SOLENOID DTS-0373	5	YELLOW
PANEL/REAR HITCH	CB 4 PANEL TO FAN FILTER (CHOPPER) #1	10	BLACK
CAB/REAR HITCH	PIN #20 PLUG #2 TO FAN FILTER #3	15	RED
CAB/HYD TANK	PIN #22 PLUG #2 TO HYDRAULIC OIL LEVEL SENSOR	20	YELLOW
PANEL/HYD TANK	CB 4 PANEL TO HYDRAULIC OIL LEVEL SENSOR	25	YELLOW
PANEL/REAR R/L	BACK UP LIGHT RELAY PIN 30 TO BACK UP LIGHTS	6	BROWN
CAB/REAR HITCH	PIN #15 PLUG 2 TO PRIMARY SOLENOID DTS-0198C	11	BROWN
CAB/DTS-0373	PIN #17 PLUG #2 TO CROSS/BOOM SOLENOID DTS-0373	16	BROWN
CAB/DTS-0373	PIN #14 PLUG #2 TO STAR TABLE #1 SOLENOID DTS-0373	21	BROWN
PANEL/FRONT	ROAD LIGHT RELAY PIN 30 TO HEADLIGHTS	94	PURPLE
REAR AXLE	STEERING BOX RELAY #1 PIN 87 TO MV4 STEERING VALVE	121	YELLOW
REAR AXLE	STEERING BOX RELAY #2 PIN 87 TO MV4 STEERING VALVE	120	RED
PANEL/REAR	CB 16 TO TC115	20	RED
REAR HARVESTER	TC115 TO SV3 SOLENOID PIN 1	020	RED
	RIGHT WORK LIGHTS TO RELAY PIN 30	36	BLUE
ENGINE/PANEL	100A CB TO #1 ST87	1	BLACK 6AWG
ENGINE/PANEL	100A CB TO #2 ST87	2	RED 6AWG
ENGINE/PANEL	100A CB TO #3 ST87	3	WHITE 6AWG



PLUG #1	PIN #			
1	92	YELLOW	CB 1 to HAZARD STAT to FLASHER SWITCH	
2	91	GREEN	CB 2 to RIGHT WORK LIGHT RELAY AND SWITCH	PANEL
3	091	ORANGE	CB 3 to LEFT WORK LIGHT RELAY	PANEL
4	017	BLACK	CB 4 to BRAKE, STEER, WARNING, SPEEDOMETER	PANEL
5	90	ORANGE	RELAY TO MASTER SWITCH (CB 15)	PANEL
6	89	YELLOW	RELAY TO MASTER SWITCH (CB 5)	PANEL
7	012	BLACK	HI/LO SWITCH TO RELAY	PANEL
8	0012	BLACK	CB 8 to 2-SPEED / 4 X 4 SWITCHES/ WHITE IN CYBER-TECH HANDLE	PANEL
9	0017	BLACK	BRAKE SWITCH to BRAKE SOLENOID (BLACK 17)	PANEL
10	88	BROWN	CB 11 to ROAD / BACK UP/ STROBE LIGHTS SWITCHES & RELAYS	PANEL
11	85	WHITE	CB 12 to ACTUATOR SWITCHES	PANEL
12	804	BLACK	SEAT SWITCH TO PIN 6 TIME DELAY RELAY	PANEL
13	090	ORANGE	RESET SWITCH TO PIN 30 RESET RELAY	PANEL
14	089	YELLOW	RESET SWITCH TO PIN 1 TIME DELAY RELAY	PANEL
15	65	WHITE	STAR TABLE #1 SPEED RDRS112-30 ACTUATOR	
16	66	PURPLE	STAR TABLE #1 SPEED RDRS112-30 ACTUATOR	
17	081	RED	CB10 to FUEL PUMP SWITCH	
18	39	WHITE	STROBE LIGHT SWITCH TO STROBE LIGHTS (RED 29)	PANEL
19	33	YELLOW	LOWER SHAKER SPEED RDRS112-30 ACTUATOR	
20	32	RED	LOWER SHAKER SPEED RDRS112-30 ACTUATOR	
21	70	RED	UPPER SHAKER SPEED RDRS112-30 ACTUATOR	
22	69	PURPLE	UPPER SHAKER SPEED RDRS112-30 ACTUATOR	
23	52	RED	CB 16 to FOOT SWITCHES 12VDC	
24	83	PURPLE	FOOT SWITCHES to STEERING BOX RELAYS #1 AND #2 PIN 86	PANEL
25	810	BLACK	SEAT SWITCH TO PIN 7 TIME DELAY RELAY	PANEL
26	55	BLUE	LEFT CRAB FOOT SWITCH TO STEERING BOX RELAY #1 PIN 87	
27	56	ORANGE	RIGHT CRAB FOOT SWITCH TO STEERING BOX RELAY #2 PIN 87	
28	57	BLUE	FLOAT SWITCH #1 TO SV4 SOLENOID PIN 1 "BLAND 11"	
29	58	ORANGE	FLOAT SWITCH #2 TO SV4 SOLENOID PIN 1 "RED 112"	
30	160	PURPLE	TRUCK LIGHT FOOT PEDAL TO "FORWARD" TRUCK LIGHT "ORANGE 94"	
31	161	ORANGE	TRUCK LIGHT FOOT PEDAL TO "BACK" TRUCK LIGHT "RED 93"	
32	45	GREEN	CROSS/BOOM SPEED SWITCH TO RDRS112-30 "YELLOW 134"	
33	46	BROWN	CROSS/BOOM SPEED SWITCH TO RDRS112-30 "RED 135"	
34				
35				
36				
37				