

#07016

Tupling Farms

4 RS pH $\frac{w}{65}$ "A#

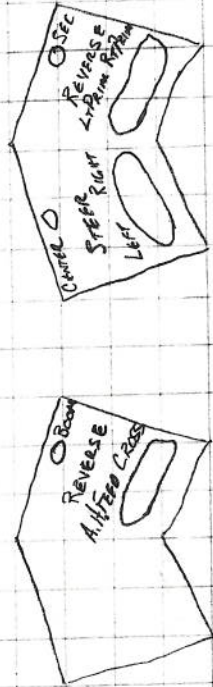
7/3/07
 #07016
 TAPPING
 4250A/65'

LEVEL WARN
 AIRHEAD BIN
 TRAVEL MODE
 AIR HEAD REFLECTOR
 EMPTY SPEED
 BIN FILL ON
 A.H. CLEARANCE AUTOMATIC
 MINIMUM AUTOMATIC MAXIMUM
 MINIMUM

S P E E D
 AIR HEAD PUMP
 PRIMARY'S
 SECONDARY
 STAR TABLE
 STEEL ROLL
 OFF
 LEFT
 RIGHT
 LEFT
 RIGHT
 DISTROUS SPEED
 SPACINGS

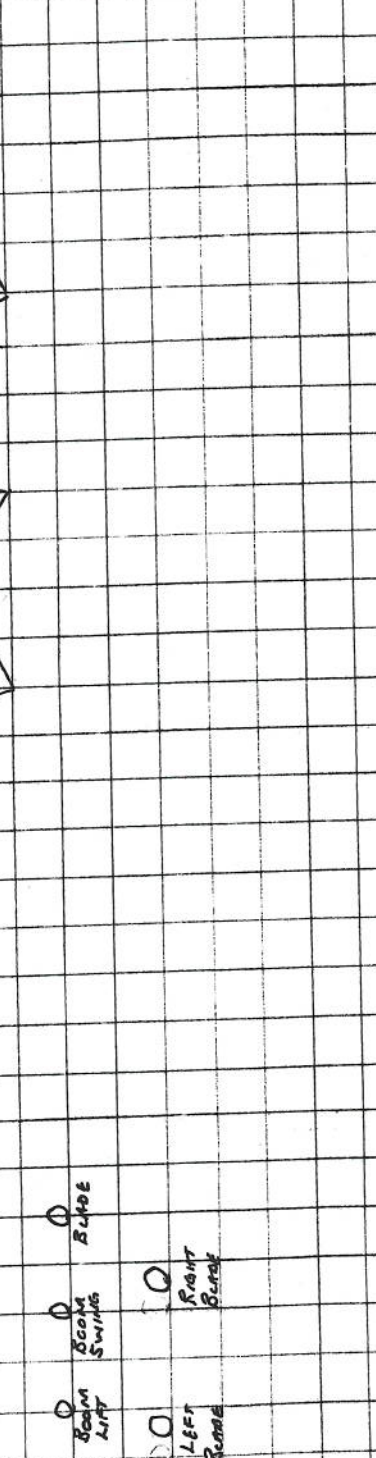
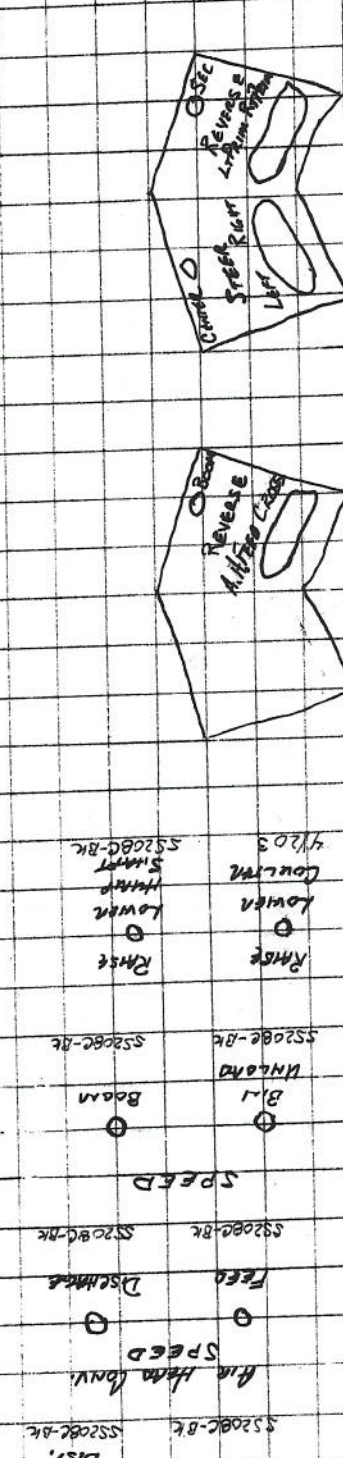
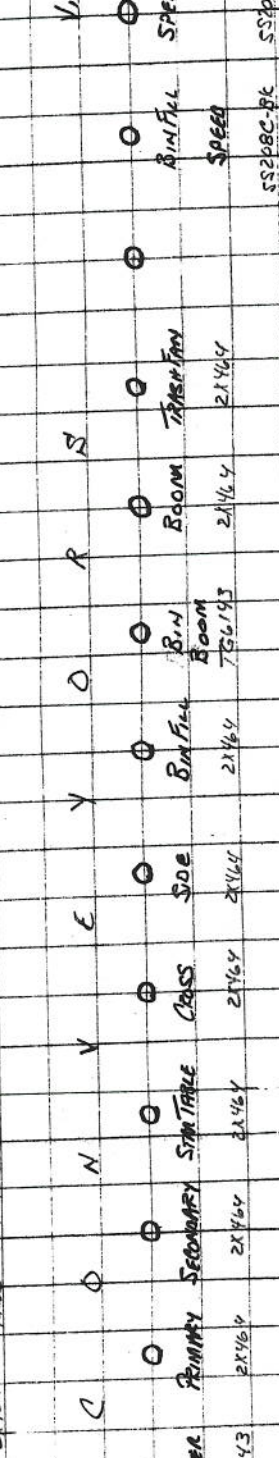
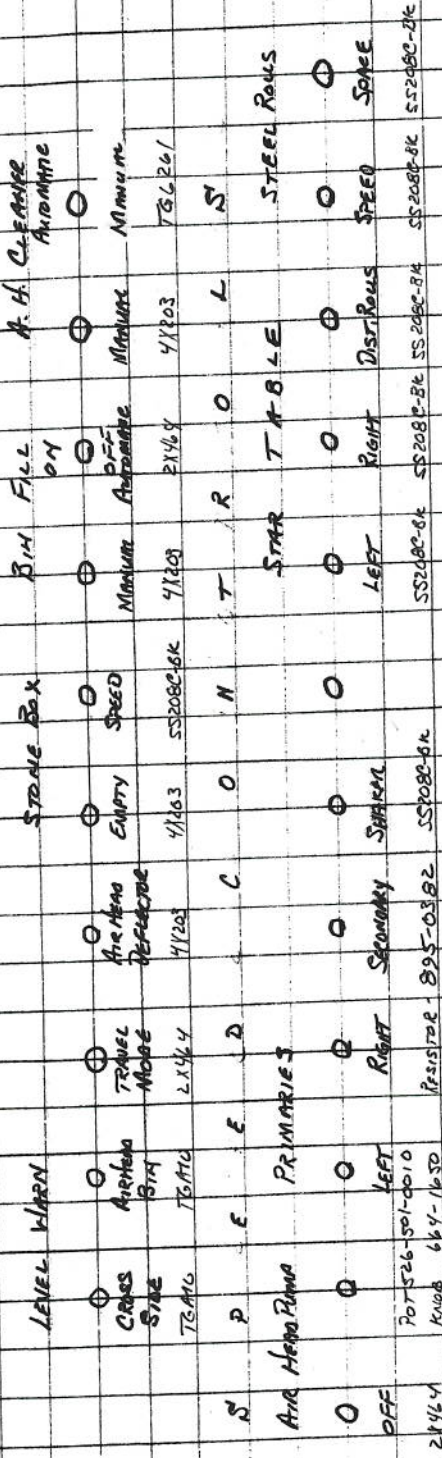
C O N V E Y E R
 MASTER PRIMARY SECONDARY STAR TABLE CROSS
 SOE
 BIN FILL BIN/BOOM BOOM TRASH PAN
 BIN FILL SPEED DISTROUS SPEED
 VINE BELT
 BIN FILL SPEED DISTROUS SPEED

S P E E D
 CROSS
 CROSS (Cross)
 DISCHARGE
 AIR HEAD LOW.
 SPEED
 FEED
 UNLOAD
 BIN
 RAISE
 LOWER
 HUMP
 SHMPT



BOOM LIFT
 BOOM SWING
 BOOM BURST
 LEFT BURST
 RIGHT BURST

7/3/07
 # 07016
 TURNING
 4250A/65'



A. H. Fan



FILTER WARN



LOW

HYDRAULIC

GROUND DRIVE



OIL

H RANGE



LO RANGE

GROUND

DRIVE

4X4



4X2



FUEL PUMP

Brake Up



LIGHTS



FLASHERS

PARKING
BRAKE



OFF



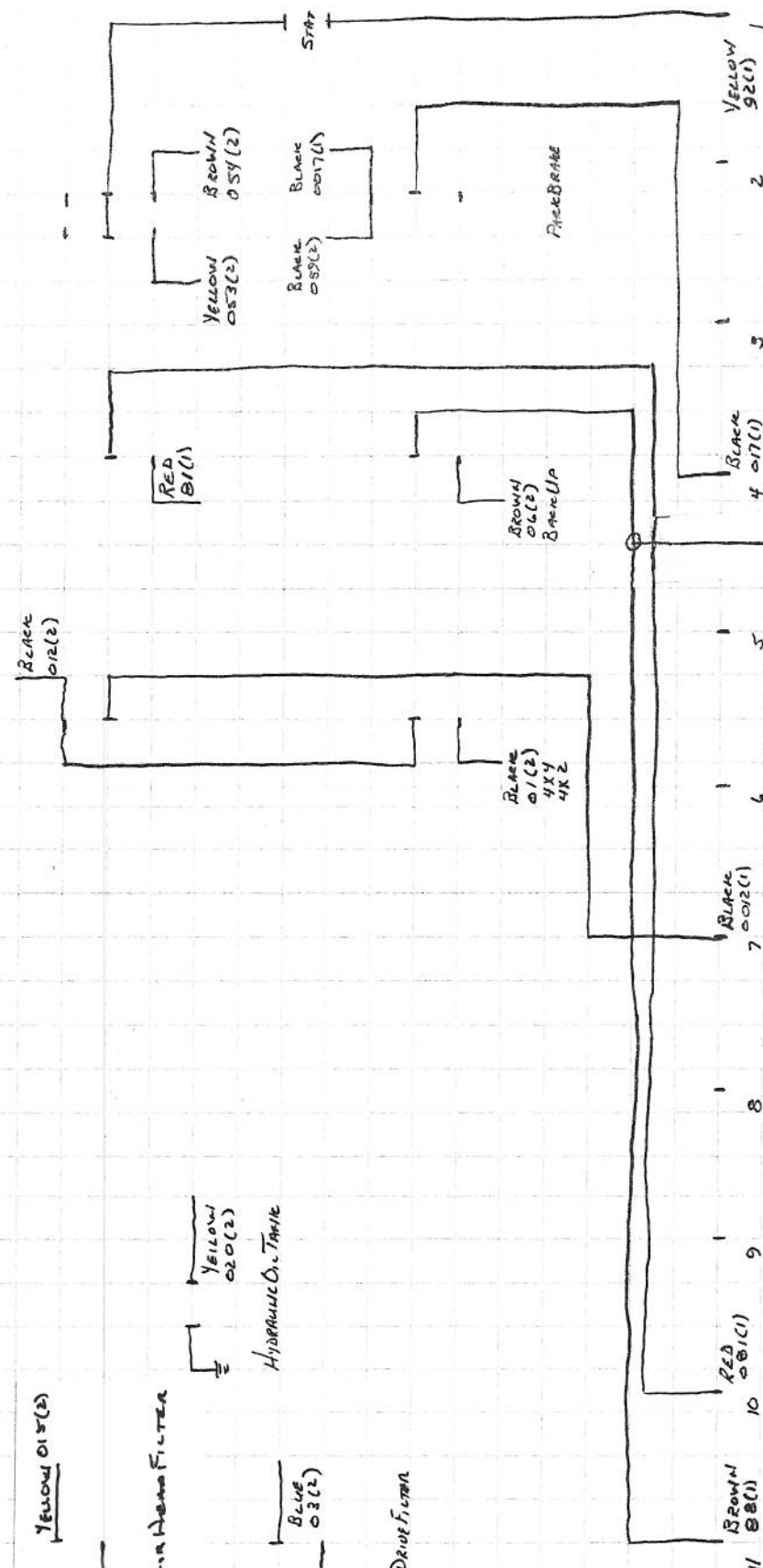
STROBE

LIGHT

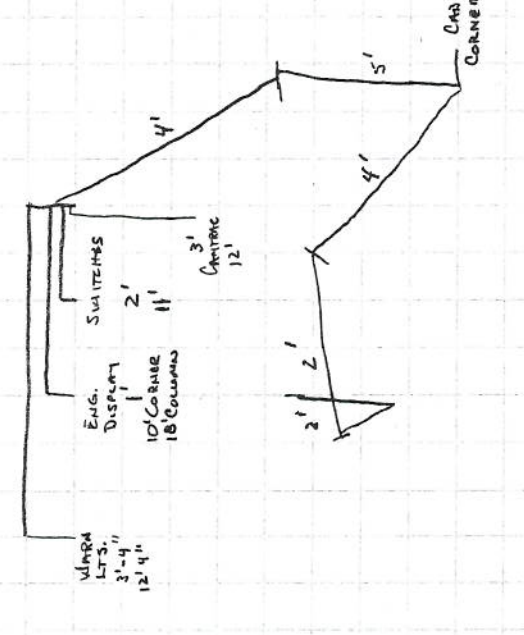
FLIGHTS

FUEL PUMP

H/L RANGE



- CENTRAL DISPLAY
CAB BEAT
- PIN 1 BLACK - LANTERN BECOM 8762
 - 2 CLAR
 - 3 BLACK 015 (P) -
 - 4 RED 028 (P) + 12VDC
- DISPLAY
- PIN 1 Black 015
 - 2 RED 028
 - 3 CLEAR - BECOM 8762
 - 4 BLUE



STROBE LIGHT

ADVANCED FARM EQUIPMENT

#07016

TUPLING FARMS

4RSPH W/ 65" A.H. / TANK

06/13/07

30A 15	30A 14	30A 13	30A 12	30A 11	20A 10	30A 9	30A 8	20A 7	30A 6	30A 5	20A 4	30A 3	30A 2	30A 1
LT. REAR	RT. REAR	A/C	ACTS	BACK UP	FUEL	CAB FIELD	CAB O.H.	CYL'S	RADIO	CONV'S	BRAKE	CONV'S	AH CLEAN	HAZ. STAT
LIGHT	LIGHT		[WHITE	SWITCH	[RED	LIGHTS	[RED	[ORANGE	[RED	[YELLOW	[BLACK	[ORANGE	BIN FILL	[YELLOW
RELAY	RELAY		[85 (1)	[BROWN	[081 (1)	RELAY	[22 (3)	[143 (2)	[12 (3)	[89 (1)	[017 (1)	[90 (1)	[GREEN	TURN STAT
[BLACK	[BLUE			[88 (1)		[BROWN	AUX.	2-SPEED	WIPER		DTS-0160		[91 (1)	[BROWN
				BACKUP			OUTLET	[BLACK	[RED		[RED		CYBER TECH	
				RELAY			[BLACK	[0012 (1)	[18 (3)		WARNING		[GREEN	
				[BROWN			[156 (3)	GA PANEL			[GRD DRV.		[091 (4)	
							POWER	[RED			BLU/BLK 8			
							VIEW	[21 (4)			[AH FAN			
							[RED				YEL/BLK 10			
							[022 (3)				[HYD LEVEL			
											YEL/ORG 25			

HAZ. STAT

[CBI-YELLOW
_YELLOW 92 (1)

TURN STAT

[CBI-BROWN
_BROWN 502 (5)

[GREEN 607 (2)
[CB 4 - RED
[GREEN

DTS-0160

SIGNAL
12V DC
GROUND
BLACK]
BROWN]
BLUE]

[CROSS XP
BLACK 60

R E L A Y S

4X4 LOCK

85 GRD.	85 GRD.	85 GRD.
86	86 BLACK 1	86
87	87 BLACK 1	87
30	30 BLACK 01 (2)	30

4X4 RELAY

85 GRD.	85 GRD.	85 GRD.
86 BROWN 06 (2)	86 ORANGE 144 (2)	86
87 CBI1 - BROWN	87 BLACK 1	87
30 BROWN 6	30 BLACK 01 (2)	30

START RELAY

85 GRD.	85 GRD.	85 GRD.
86	86 ORANGE 144 (2)	86
87	87 GREEN 422 (3)	87
30	30 WHITE 104 (5)	30

CAB FIELD LTS.

85 GRD.
86 BROWN 504 (3)
87 CB9 - BROWN
30 BROWN (H) 507 (3)

RIGHT REAR

LIGHT RELAY

85 GRD.
86 BROWN 505 (2)
87 CB14 - BLUE
30 BLUE 36

RIGHT FRONT

LIGHT RELAY

85 GRD.
86 BROWN 505 (2)
87 CB18 - BLUE
30 BLUE 360

CAB ROAD LTS.

85 GRD.
86 BROWN 503 (3)
87 CB17 - BROWN
30 BROWN (H) 528 (3)

LEFT REAR

LIGHT RELAY

85 GRD.
86 BROWN 572 (3)
87 CB15 - BLACK
30 BLACK 34

LEFT FRONT

LIGHT RELAY

85 GRD.
86 BROWN 572 (3)
87 CB19 - BLACK
30 BLACK 340

A.H. CLEANER TIMER

8	- BLUE 28	-15(1)
9	- WHITE 27	-14(1)
10/11	- PURPLE 28	-13(1)
6/2	- GROUND	

GROUND WIRES

BLACK	20 - 4(3)	(CAB)
WHITE	31	(A.H.)
BLACK	020 (4)	(CYBER TECH)
BLACK	0020 (KAR-TECH)	
PANEL GROUND		

30A 19	30A 18	30A 17	20A 16
LT FRT LTS	RT FRT LTS	CAB RD LTS	FOOT PED.
RELAY	RELAY	RELAY	[RED
[BLACK	[BLUE	[BROWN	[52 (1)

ST 87

I	I	I
12V DC	RED 13 (5)	
RED 11(5)		CBI-7/ 14-15

ST 87

I	I	I
12V DC	RED 13 (5)	CB 9-13

ST 87

I	I	I
12V DC	RED 13 (5)	CB 16-19

4RSPH W/ 65" - TANK

PLUG #1
PIN #

1	YELLOW	92	CB 1 to HAZARD STAT to SWITCH
2	GREEN	91	CB 2 TO AIR HEAD CLEANER / BIN FILL SWITCHES
3	ORANGE	90	CB 3 TO MASTER SWITCH
4	BLACK	017	CB4 TO BRAKE, STEER, WARNING, SPEEDOMETER
5	RED	081	CB 10 TO FUEL PUMP SWITCH
6	YELLOW	89	CB5 TO MASTER SWITCH
7			
8	BLACK	0012	CB7 TO 2-SPEED
9	BLACK	0017	BRAKE SWITCH TO BRAKE SOLENOID
10	BROWN	88	CB11 TO ROAD / BACK UP LIGHTS SWITCH
11	WHITE	85	CB12 to ACTUATOR SWITCHES
12	RED	81	FUEL PUMP SWITCH TO FUEL PUMP
13	PURPLE	28	A-H CLEANER AUTO TO TIMER #10
14	WHITE	27	A-H CLEANER MANUAL TO TIMER #9 TO SOLENOID
15	BLUE	26	A-H CLEANER MANUAL TO TIMER #8 TO SOLENOID
16	BROWN	46	BIN UNLOAD RDRS112-30 ACTUATOR
17	GREEN	45	BIN UNLOAD RDRS112-30 ACTUATOR
18	RED	29	STROBE LIGHT
19	YELLOW	33	PRIMARY SHAKER RDRS112-30 ACTUATOR
20	RED	32	PRIMARY SHAKER RDRS112-30 ACTUATOR
21	RED	70	AIR HEAD FEED RDRS112-30 ACTUATOR
22	PURPLE	69	AIR HEAD FEED RDRS112-30 ACTUATOR
23	RED	52	CB 16 TO FOOT SWITCHES 12VDC
24	PURPLE	83	FOOT SWITCHES TO STEERING BOX
25	BLACK	108	STONE BOX MV5 VALVE
26	RED	109	STONE BOX MV5 VALVE
27	YELLOW	116	COULTER MV5 (ORANGE 41) JUNCTION BOX
28	BROWN	117	COULTER MV5 JUNCTION BOX
29	BLACK	95	AIR HEAD DEFLECTOR MOTOR MV5 VALVE
30	RED	00028	10 AMP FAST ACTING FUSE TO CAMERA SYSTEM
31	BLACK	00015	PANEL GROUND TO CAMERA SYSTEM GROUND
32	YELLOW	42	BIN FILL SPEED SWITCH TO RDRS112-30 ACTUATOR
33	WHITE	43	BIN FILL SPEED SWITCH TO RDRS112-30 ACTUATOR
34	WHITE	96	AIR HEAD DEFLECTOR MOTOR MV5 VALVE
35	WHITE	65	LEFT STAR RDRS112-30 ACTUATOR
36	PURPLE	66	LEFT STAR RDRS112-30 ACTUATOR
37	ORANGE	50	BIN UNLOAD BYPASS SV3-16-0-12T-12DG SOLENOID

BLACK 17

4RSPH W/65" - TANK

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 SV4-10-0
4	YELLOW	752	HYDRAULIC OIL TEMPERATUR SENSOR TO CAB
5			
6	GREEN	155	SECONDARY / DEVINER REVERSE
7	BROWN	54	RIGHT TURN SIGNAL
8	YELLOW	53	LEFT TURN SIGNAL
9	BROWN	6	BACK-UP LIGHT SWITCH TO RELAY
10	BROWN	505	RIGHT WORK LIGHT SWITCH TO RELAY
11	YELLOW	753	HYD. OIL TANK GAUGE TO TANK GROUND
12	BLACK	1	4 X 4 SWITCH TO RELAY
13	BLACK	12	2-SPEED SWITCH TO SOLENOID
14	BROWN	21	TRASH FAN SWITCH TO SOLENOID
15	BROWN	11	BIN FILL SWITCH TO DTS-0373B (A) SOLENOID
16	YELLOW	5	SIDE CONVEYOR SWITCH TO DTS-0373B (A) SOLENOID
17	BROWN	16	CROSS CONVEYOR SWITCH TO DTS-0373B (A) SOLENOID
18	RED	82	STAR / STEEL ROLLS SWT. TO 3 DTS-0373B (B) SOL'S.
19	YELLOW	156	LT. PRIM. REV. SWT. TO REV. VALVE - REVERSE
20	YELLOW	15	FAN RETURN FILTER #3 TO LIGHT
21	BLUE	3	GROUND-DRIVE HI-PRESSURE FILTER #3 TO LIGHT
22	YELLOW	20	HYDRAULIC LEVEL SENSOR TO CAB (BZL-12)
23	WHITE	61	CROSS/STAR TABLE CONV. PRESS. SWITCH N.O. TO CAB (BZ 6562)
24	BLACK	22	BIN / BULK SWT. TO DTS-0373B (A) SOLENOID
25	ORANGE	143	CB7 TO HYDRO NEUTRAL SWITCH #1
26	ORANGE	144	HYDRO NEUTRAL SWITCH #2 TO PANEL RELAY
27	RED	157	RT/PRIM. REV. SWST. TO REV. VALVE - REVERSE
28	GREEN	607	DTS-0160 TO CAB SPEEDOMETER
29	RED	149	STEEL ROLLS RDRS112-30 ACTUATOR
30	YELLOW	150	STEEL ROLLS RDRS112-30 ACTUATOR
31	ORANGE	145	STAR DIST. ROLLS SWT. TO RDRS112-30 ACTUATOR
32	BLUE	146	STAR DIST. ROLLS SWT. TO RDRS112-30 ACTUATOR
33	ORANGE	147	HUMP SHAFT ACTUATOR
34	BLUE	148	HUMP SHAFT ACTUATOR
35	BLACK	151	STAR TABLE SPACING ACTUATOR
36	GREEN	425	TEMP. SENDER PRIMARY CIRCUIT TO CAB
37	RED	152	STAR TABLE SPACING ACTUATOR

GREEN 607

GREEN 425

4RSFH W/65" - TANK

PLUG 3
PIN #
[LG 16]

PLUG 3 PIN # [LG 16]			
18	RED	CB6 TO WIPER	
2	RED	CB6 TO RADIO	
3			
4	BLACK	GROUND	
5	BROWN	LIGHT SWITCH ROAD POSITION TO RELAY #5-86	
6	RED	CB8 TO DOME LIGHT/PANEL/LITE SWT/RADIO MEM (ST87 HOT)	
*7	BROWN	CAB FIELD LIGHT RELAY TO CAB FIELD LIGHTS #4-30	
8	BROWN	WORK LIGHT SWITCH TO LEFT WORK LIGHTS RELAYS	
9			
*10	BROWN	CAB ROAD LIGHT RELAY TO CAB LIGHTS #5-30	
11	BLUE	FUEL TANK SENDER TO GAUGE	WHITE 58
12	RED	CB8 TO RED 022 IN POWERVIEW HARNESS	
13	GREEN	STARTER RELAY TO POWERVIEW HARNESS	
14	BROWN	CAB FIELD LIGHT POSITION TO RELAY #4-86	
*15	BLACK	CB15 TO AUXILIARY OUTLET BOX 12 AWG	
16	GRN.	PRIM. CIRCUIT TEMP. GAUGE TO GRD. AT SENDER	

4RSPH W/ 65" - TANK

PLUG 4

SW#/PIN#

110	ORANGE	110	OUTER BOOM MVS VALVE	BLACK	2	BLACK	1
111	BLUE	111	OUTER BOOM MVS VALVE	RED	3	RED	1
112	WHITE	112	BOOM LIFT MVS VALVE	ORANGE	4	ORANGE	2
113	BROWN	113	BOOM LIFT MVS VALVE	BLUE	5	BLUE	2
114	PURPLE	114	BOOM SWING MVS VALVE	YELLOW	6	BLK/WHT	3
115	GREEN	115	BOOM SWING MVS VALVE	BROWN	7	RED/WHT	3
118	RED	118	BLADE JUNCTION BOX	VIOLET	8	BLU/WHT	4
119	BLACK	119	BLADE JUNCTION BOX	GRAY	9	GRN/WHT	4
29	ORANGE	29	LEFT BLADE JUNC. BOX	WHT/BRN	10	ORG/BLK	5
30	BLUE	30	LEFT BLADE JUNC. BOX	WHT/BLK	11	BLU/BLK	5
35	WHITE	35	RIGHT BLADE JUNC. BOX	WHT/RED	12	RED/BLK	6
37	BROWN	37	RIGHT BLADE JUNC. BOX	WHT/YEL	13	GRN/BLK	6
110	ORANGE	21	CB7 TO PIN 4 ON GAUGE PANEL	BLACK	1	RED	1
111	BLUE	21		RED	3	RED	1
112	WHITE	21		ORANGE	4	ORANGE	2
113	BROWN	21		BLUE	5	BLUE	2
114	PURPLE	21		YELLOW	6	BLK/WHT	3
115	GREEN	21		BROWN	7	RED/WHT	3
118	RED	21		VIOLET	8	BLU/WHT	4
119	BLACK	21		GRAY	9	GRN/WHT	4
29	ORANGE	55	LEFT CRAB FOOT SWITCH TO STEERING BOX RELAY	WHT/BRN	14	ORG/BLK	5
30	BLUE	55	LEFT CRAB FOOT SWITCH TO STEERING BOX RELAY	WHT/BLK	15	BLU/BLK	5
35	WHITE	56	RIGHT CRAB FOOT SWITCH TO STEERING BOX RELAY	WHT/RED	16	RED/BLK	6
37	BROWN	56	RIGHT CRAB FOOT SWITCH TO STEERING BOX RELAY	WHT/YEL	17	GRN/BLK	6
		605	A.H. FAN RPM PICKUP TO TOC 8 (WHITE C 1:9) TO CAB		15	GREEN	15
		37	RIGHT STAR TABLE RDRS112-30 ACTUATOR		17	BROWN	17
		38	RIGHT STAR TABLE RDRS112-30 ACTUATOR		18	GREEN	18
		71	BIN FILL MAN. SWITCH TO TOC 8 (DOWN)		19	BLUE	19
		72	BIN FILL MAN. SWITCH TO TOC 8 (UP)		20	ORANGE	20
		75	BIN FILL AUTO. SWT. TO TOC 8 PANEL JUNCTION BLOCK		21	RED	21
		41	TRAVEL MODE SWITCH TO TOC 8		22	WHITE	22
		371	A.H. & BIN LEVEL TOC 8 TO WARNING LIGHT IN ARMREST		23	WHITE	23
		372	CROSS & SIDE LEVEL TOC 8 TO WARN. LIGHT IN ARMREST		24	WHITE	24
		76	STONE CONV. SPEED SWITCH TO RDRS112-30 ACTUATOR		25	YELLOW	25
		77	STONE CONV. SPEED SWITCH TO RDRS112-30 ACTUATOR		26	GREEN	26
		86	VINE BELT SPEED SWITCH TO RDRS112-30 ACTUATOR		27		27
		87	VINE BELT SPEED SWITCH TO RDRS112-30 ACTUATOR		28		28
		78	VINE BELT DIST. ROLLS SPEED SWITCH TO RDRS112-30 ACTUATOR		29	WHITE	29
		79	VINE BELT DIST. ROLLS SPEED SWITCH TO RDRS112-30 ACTUATOR		30	PURPLE	30
		020	CYBER TECH HANDLE TO PANEL GROUND		31	GREEN	31
		091	CB2 TO CYBER TECH HANDLE		32	BROWN	32
GREEN					33		33
WHITE					34		34

#07016

COLUMN PLUG
TUPLING FARMS

7/6/2007

4RSPH W/65" - TANK

PLUG 5
PIN #

PLUG 5 PIN #	COLUMN PLUG
1	RED ST 87 HOT SIDE TERMINAL
3	RED ST 87 IGNITION TERMINALS
4	BROWN POWER FROM TURN STAT
5	WHITE CLUTCH SWITCH N.C. TO RELAY
14	BLACK TO CLUTCH SWITCH N.O. POSITION TO 15 (5)
15	RED TO SMX SWITCH - "COM" / N.O. ON SMX RED 15 TO SV4 SOLENOID
18	BROWN RIGHT TURN SIGNAL - BROWN 54 ON MACHINE
20	BROWN LEFT TURN SIGNAL - YELLOW 53 ON MACHINE

502 TO 507

512 TO 522
513 TO 523

4RSFH W/ 65" - TANK

PLUG #6

1	BLACK	AIR HEAD CONTROLLER POWER SUPPLY PIN "4"
2	RED	AIR HEAD CONTROLLER COMMAND SIGNAL PIN "2"
3	ORANGE	AIR HEAD CONTROLLER COMMAND SIGNAL PIN "3"
4	BLUE	AIR HEAD CONTROLLER COMMAND SIGNAL PIN "8"
5	BLACK / WHITE	LEFT / RIGHT PRIMARY CONTROLLER POWER SUPPLY PIN "6"
6	RED / WHITE	LEFT PRIMARY CONTROLLER COMMAND SIGNAL PIN "7"
7	BLUE / WHITE	LEFT PRIMARY CONTROLLER COMMAND SIGNAL PIN "8"
8	GREEN / WHITE	LEFT PRIMARY CONTROLLER COMMAND SIGNAL PIN "9"
9	ORANGE / BLACK	RIGHT PRIMARY CONTROLLER COMMAND SIGNAL PIN "10"
10	BLUE / BLACK	RIGHT PRIMARY CONTROLLER COMMAND SIGNAL PIN "11"
11	RED / BLACK	RIGHT PRIMARY CONTROLLER COMMAND SIGNAL PIN "12"
12	GREEN / BLACK	SECONDARY CONTROLLER POWER SUPPLY PIN "13"
13	WHITE	SECONDARY CONTROLLER COMMAND SIGNAL PIN "14"
14	GREEN	SECONDARY CONTROLLER COMMAND SIGNAL PIN "15"
15	WHITE / BLACK	SECONDARY CONTROLLER COMMAND SIGNAL PIN "16"
16		

LEFT / RIGHT PRIMARY - SECONDARY -- COIL #2 PIN "D" TO GROUND
 AIR HEAD -- COIL #1 PIN "B" TO GROUND

#07016

COLUMN PLUG
TUPLING FARMS

7/6/2007

4RSPH W/ 65" - TANK

PLUG 7
PIN #

1	WHITE	67	CROSS DIST. ROLLS SPEED SWITCH TO RDRS112-30 ACTUATOR
2	BLUE	68	CROSS DIST. ROLLS SPEED SWITCH TO RDRS112-30 ACTUATOR
3	BLACK	51	A.H. DISCHG. SPEED SWITCH TO RDRS112-30 ACTUATOR
4	ORANGE	52	A.H. DISCHG. SPEED SWITCH TO RDRS112-30 ACTUATOR
5	ORANGE	47	BOOM SPEED SWITCH TO RDRS112-30 ACTUATOR
6	WHITE	48	BOOM SPEED SWITCH TO RDRS112-30 ACTUATOR
7	PURPLE	62	CROSS SPEED SWITCH TO RDRS112-30 ACTUATOR
8	BROWN	63	CROSS SPEED SWITCH TO RDRS112-30 ACTUATOR
9	PURPLE	160	BOOM REVERSE SWITCH TO VALVE
10	WHITE	161	AIR HEAD FEED REVERSE SWITCH TO VALVE
11	BROWN	162	CROSS REVERSE SWITCH TO VALVE
12			
13			
14			
15			
16			

CANTRAK DISPLIN

Can Corner Pinout

1	BLACK	BEARD 8762
2	GREEN	BEARD 8762
3	RED	0028 12VDC FROM DIST. POWER
4	BLACK	0015 GREENWIRE DIST. POWER