

#1717

4RSPH w/65"AH

IoT Seed Farms

2012

SPEEDOMETER

4X MULTIPLIER

1995

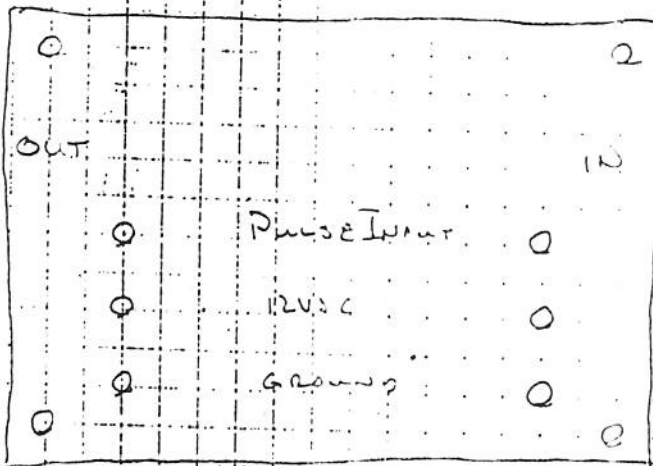
04.80
03.70
02.60
01.50

- # 1 12V.DC+ BROWN Fuse #15
- # 2 GROUND BLUE
- # 3 IMPULSE DARK GREEN (LOT 28(2))
- # 4
- # 5 12VDC+ BROWN
- # 6 GROUND BLUE
- # 7 IMPULSE BLACK
- # 8

POCAIN WIRESS }
 RED }
 GREEN } THERM WIRE
 WHITE }

1996

GRN
GREEN 607
RED
GREEN



POCAIN
 - BLACK (CABLE) WHITE (THERM WIRE)
 BROWN (CABLE) RED (THERM WIRE)
 BLUE (CABLE) GREEN (THERM WIRE)

1997

PLUG #2

Pin	1	✓ 153	BROWN	LEFT PRIMARY REVERSE
	2	✓ 154	ORANGE	RIGHT PRIMARY REVERSE
	3	✓ 059	BLACK	PARK SWITCH TO 14.65 N.O. RED 015 TO SMAX SWITCH TO S
	4	✓ 752 23	RED/ BLACK	HYDRAULIC OIL TEMPERATURE SENSOR (TO YELLOW 752) GA.
	5	✓ 07	RED/ BLACK	TACHOMETER SENSOR (TO DARK GREEN 602) GAUGE
	6	✓ 155	GREEN	SECONDARY/DEFINER REVERSE
	7	✓ 54	BROWN	RIGHT TURN SIGNAL
	8	✓ 53	YELLOW	LEFT TURN SIGNAL
	9	✓ 06	BROWN	BACK UP LIGHT SWITCH TO RELAY
	10	✓ 036	BLUE	RIGHT WORK LIGHT SWITCH TO RELAYS
	11	✓ 034	BLACK	LEFT WORK LIGHT SWITCH TO RELAYS
	12	✓ 01	BLACK	4X4 SWITCH TO RELAY
	13	✓ 012	BLACK/ RED	2-SPEED SWITCH TO SOLENOID
	14	✓ 021	BROWN/ BLACK	TRASH FAN SWITCH TO SOLENOID
	15	✓ 011	BROWN/ BLACK	PRIMARY SWITCH TO SOLENOID
	16	✓ 05	YELLOW	SIDE CONVEYOR SWITCH TO SOLENOID
	17	✓ 016	BROWN/ BLACK	CROSS CONVEYOR SWITCH TO SOLENOID
	18	✓ 02	RED	SECONDARY CONVEYOR SWITCH TO SOLENOID
	19			
	20	✓ 15	YELLOW/ BLACK	LIGHT TO FAN FILTER #3
	21	✓ 03	BLUE	LIGHT TO GROUND DRIVE FILTER #3
	22	✓ 020	YELLOW/ BLACK	BZL-12 SWITCH TO HYDRAULIC OIL LEVEL SENSOR
	23	✓ 61	WHITE	CROSS CONVEYOR PRESSURE SWITCH "N.O." TO BZL 62
	24	✓ 022	BLACK/ ORANGE	HYDRO NEUTRAL CONVEYOR SWITCH TO SOLENOID
	25	✓ 143	ORANGE	CB #7 TO HYDRO NEUTRAL SWITCH #1
	26	✓ 144	ORANGE	HYDRO NEUTRAL SWITCH #2 TO PAHFCRB
	27	✓ 024	PURPLE	ROAD LIGHT SWITCH TO RELAY
	28	✓ 607	GREEN	SPEEDOMETER TO 4X MULTIPLIER
	29	✓ 149	RED	SECONDARY SPEED ACTUATOR
	30	✓ 150	YELLOW	SECONDARY SPEED ACTUATOR
	31	✓ 145	ORANGE	RIGHT PRIMARY ACTUATOR (RIGHT)
	32	✓ 146	BLUE	RIGHT PRIMARY ACTUATOR (RIGHT)
	33	✓ 147	ORANGE	HUMP SHAFT ACTUATOR
	34	✓ 148	BLUE	HUMP SHAFT ACTUATOR
	35	✓ 151	BLACK	LEFT PRIMARY ACTUATOR
	36	✓ 425	GREEN	HIGH TEMPERATURE IN PRIMARY CIRCUIT TO BZL-12 (BROWN 123)
	37	✓ 152	RED	LEFT PRIMARY ACTUATOR

PLUG 3 LARGE 16 Pin

Pin #	Wire #	Color	Description	Notes
1	18	RED	CB 6 TO WIPER	
2	12	RED	CB 6 TO RADIO	
3	705	PURPLE	OIL PRESSURE SENDER T. GAUGE	ORANGE/ RED 14
4	20	BLACK	GROUND	
5	503	BROWN	LIGHT SWITCH ROAD POSITION TO RELAY # 5-86	
6	22	RED	CB 8 TO DOME-PANEL LIGHT SWITCH - RADIO MEMORY (STBY HOT SIDE)	
* 7	507	BROWN	CAB FIELD LIGHT RELAY TO CAB FIELD LIGHTS # 4-30	
8	755	YELLOW	HYDRAULIC OIL TANK TEMPERATURE SENSOR TO WARNING LIGHT	
9	924	ORANGE	OIL PRESSURE SENSOR TO LIGHT	ORANGE/ RED 19
* 10	526	BROWN	CAB ROAD LIGHT RELAY TO CAB LIGHTS # 5-30	
11	652	BLUE	FUEL TANK SENDER TO GAUGE	WHITE 58
12	653	BLUE	COOLANT TEMPERATURE SENSOR TO LIGHT	ORANGE/ RED 9
13	617	GREEN	COOLANT TEMPERATURE SENDER TO GAUGE	ORANGE 4
14	504	BROWN	CAB FIELD LIGHT POSITION T. RELAY # 4-86	
* 15	156	BLACK	CB 8 TO AUXILIARY OUTLET BOX 12 GA.	
16				

PLUS #4

SW #	FIN #	Color	Location	Color	Color	Color
	1	RED 21	TO PIN 4 ON GAUGE PANEL			
1	2	BLACK	SPONGE BOX	BLACK	BLACK	108
1	3	RED	SPONGE BOX	RED	RED	109
2	4	ORANGE	OUTER ROOM	ORANGE	ORANGE	110
2	5	BLUE	OUTER ROOM	BLUE	BLUE	111
3	6	BLACK/WHITE	LINE	YELLOW	WHITE	112
3	7	RED/WHITE	LINE	BROWN	BROWN	113
4	8	Blue/White	SWITCH	VIOLET	PURPLE	114
4	9	GREEN/White	SWITCH	GRAY	GREEN	115
5	10	ORANGE/BLACK	COUPLERS	White/BROWN	YELLOW	116
5	11	Blue/BLACK	COUPLERS	White/BLACK	BROWN	117
6	12	RED/BLACK	BUNDLE	White/RED	RED	118
6	13	GREEN/BLACK	BUNDLE	White/YELLOW	BROWN	119
	14	BLUE	LET CABLE FROM SWITCH TO TERMINAL BOX REAR			
	15	GREEN 091	C32 TO CYBERTECH HANDLE		WHITE	
		BLACK 020	PANEL GROUND TO CYBERTECH HANDLE		GREEN	
	16	ORANGE	LET CABLE FROM SWITCH TO TERMINAL BOX REAR			

PLUG #	PIN	COLOR	DESCRIPTION	CONNECTOR
	1	RED	STBY HOT SIDE TERMINAL	
	2			
	3	RED	STBY IGNITION TERMINAL'S	
	4	BROWN	POWER FROM TURN SIGNAL STAT	502 TO 507
	5	WHITE	TO RELAY B-30	
	14	BLACK	TO CIGARETTE SWITCH - BACK TO 15(1)	
	15	RED	TO CIGARETTE SWITCH - COM - NO. ON (M) RED 15 TO 5145 - CIGARETTS	
	18	BROWN	RIGHT TURN SIGNAL	BROWN 54 ON MACHINE 512 TO 522
	20	YELLOW	LEFT TURN SIGNAL	YELLOW 73 ON MACHINE 513 TO 523

GAUGE PANEL

PIN	DESCRIPTION	WIRING
1	OIL PRESSURE GAUGE	PURPLE 775 TO ORANGE 7014
2	GROUND	BLACK TO CAB GROUND
3	INTERNAL LAMPS	BROWN 526 PRE 1990 - 523-1998
4	IGNITION & BATTERY	RED 21 TO FUSE #7
5	TEMPERATURE GAUGE	GREEN 617 TO ORANGE 1
6	FUEL GAUGE	BLUE 652 TO WHITE 5
7		
8		
* 9	WATER TEMPERATURE LIGHT	BLUE 653 TO ORANGE / BLACK 9
* 10	OIL PRESSURE LIGHT	ORANGE 224 TO ORANGE / BLUE 19

* 9 TO BZ6562

BLUE 653
SENSOR
LIGHT - 12VDC RED 21

* 10 TO BZ6562

ORANGE 224
SENSOR
LIGHT - 12VDC RED 21

4/RSR H/EXTRA FEED CONTROLS

M-TABLE/VINE BELT

PLUG # 6

16 PIN

PIN No.

1 ✓ 37 BLACK

CROSS CONVEYOR SPEED ACTUATOR

2 ✓ 38 WHITE

CROSS CONVEYOR SPEED ACTUATOR

3 ✓ 40 WHITE

STAR ROLLS SPEED ACTUATOR

4 ✓ 41 GREEN

STAR ROLLS SPEED ACTUATOR

5 ✓ 47 ORANGE

VINE BELT/M-TABLE SPEED ACTUATOR

6 ✓ 48 PURPLE

VINE BELT/M-TABLE SPEED ACTUATOR

7 ✓ 31 RED

SOFT/BOOM SPEED ACTUATOR

8 ✓ 35 PURPLE

SOFT/BOOM SPEED ACTUATOR

9 ✓ 42 RED

STONE CONVEYOR SPEED ACTUATOR

10 ✓ 43 WHITE

STONE CONVEYOR SPEED ACTUATOR

11 005 YELLOW

M-TABLE/VINE BELT TO #13 ON TIMER

12 29 BLACK

M-TABLE MVS

13 30 WHITE

M-TABLE MVS

14 ✓ 74 PURPLE

BULK LOADER BYPASS Sol. ENO. ID SV3-16-0-127-12DG

15 ✓ 55 BLUE

LEFT CRAB FOOT SWITCH TO STEERING BOY RELAY

16 ✓ 56 ORANGE

RIGHT CRAB FOOT SWITCH TO STEERING BOY RELAY

1997

Plug # /

1	✓	92	YELLOW	CB 1 TO HAZARD LIGHT SWITCH
2	✓	91	GREEN	CB 2 TO RIGHT WORK LIGHT RELAY & SWITCH
3	✓	90	ORANGE	CB 3 TO LEFT WORK LIGHT RELAY & SWITCH
4	✓	017	BLACK	CB 4 TO BRAKE, STEER, WARNING
5	✓	081	RED	CB 10 TO FUEL PUMP SWITCH
6	✓	89	YELLOW	CB 5 TO MASTER SWITCH
		090	ORANGE	CB 3 TO MASTER SWITCH
7	✓	079	BLUE	METAL MANUAL REVERSE SWITCH TO #6 ON TIMER
8	✓	0012	BLACK	CB 7 TO 3-SPEED
9	✓	0017	BLACK	BRAKE SWITCH TO BRAKE SOLENOID (BLACK / BLUE 17)
10	✓	88	BROWN	CB 11 TO ROAD & BACK UP RELAYS & SWITCH
11	✓	85	WHITE	CB 13 TO ACTUATOR SWITCHES
12	✓	81	RED	FUEL PUMP SWITCH TO FUEL PUMP
13	✓	28	PURPLE	A.H. AUTO SWITCH TO #10 ON TIMER
14	✓	27	WHITE	A.H. MANUAL SWITCH TO #9 ON TIMER TO SOLENOID
15	✓	26	BLUE	A.H. MANUAL SWITCH TO #8 ON TIMER TO SOLENOID
16	✓	46	BROWN	VINE BELT ACTUATOR 4204
17	✓	45	GREEN	VINE BELT ACTUATOR 4204
18	✓	39	WHITE	VINE BELT REVERSE
19	✓	33	YELLOW	PRIMARY VIBRATOR ACTUATOR
20	✓	32	RED	PRIMARY VIBRATOR ACTUATOR
21	✓	70	RED	SIDE CONVEYOR FLOW CONTROL ACTUATOR
22	✓	69	PURPLE	SIDE CONVEYOR FLOW CONTROL ACTUATOR
23	✓	52	RED	CB 16 TO FOOT SWITCHES 12VDC
24	✓	83	PURPLE	FOOT SWITCHES TO STEERING BOX MICROS

BLACK	✓ 1	4X1 TO RELAY	PANEL
	✓ 12 RED	2-SPEED TO 13(2)	13(2)
	✓ 17 BLUE	BRAKE TO 15(5) N.O.	15(5)
	✓ 22 ORANGE	SORTING CONVEYOR SOLENOID	24(2)
RED	✓ 2	TO RELAY RA TO START SOLENOID	PANEL
	✓ 7 BLACK	TACHOMETER TO 5(2)	5(2)
	✓ 18 BLUE	TACHOMETER SENSOR TO GROUND	PANEL
	23 ORANGE	HYDRAULIC OIL TEMPERATURE SENSOR	4(2)
BLUE	3	GROUND DRIVE FILTER #3 TO 21(2)	21(2)
	8 BLACK	GROUND DRIVE FILTER #1 TO #4 C.B.	PANEL
	13 RED	ST B7 IGNITION SIDE TO FUEL SHUT OFF SW	PANEL
	24 ORANGE	A/C PUMP ORANGE 911 TO A/C CLUTCH	
ORANGE	4	WATER TEMPERATURE SENSOR TO GAUGE	13(3)
	9 BLACK	WATER TEMPERATURE SENSOR TO LIGHT	12(3)
	14 RED	OIL PRESSURE SENSOR TO GAUGE	3(3)
	19 BLUE	OIL PRESSURE SENSOR TO LIGHT	9(3)
YELLOW	✓ 5	SIDE CONVEYOR SOLENOID	16(2)
	✓ 10 BLACK	FAN FILTER TO #4 C.B. TO #1	PANEL
	✓ 15 RED	FAN FILTER TO #3	20(2)
	20 BLUE	HYDRAULIC OIL LEVEL SENSOR TO BUBBLER	22(2)
	25 ORANGE	HYDRAULIC OIL LEVEL SENSOR TO #4 C.B.	PANEL
BROWN	6	BACK UP LIGHTS	PANEL
	11 BLACK	PRIMARY CONVEYOR SOLENOID	15(2)
	16 RED	CROSS CONVEYOR SOLENOID	17(2)
	21 BLUE	TRASH FAN SOLENOID	14(2)

DTS 0373
 CROSS SORT SEC CROSS SORT SEC SIDE
 REAR →
 #1 12VDC
 #2 $\frac{1}{2}$

TEMPERATURE SWITCH

1 12VDC
 2 NC
 3 NO

FAIRY FILTER

1 12VDC
 2 NC
 3 NO

DTS-0160
 OUT GREEN 607 INPUT PULSE BLACK IN
 RED 10VDC BROWN
 GREEN GROUND BLUE

DATE 12/6/2019
Iott Cooler Conversion

Hydraulics Dept
PARTS ORDER

QTY	PART NO	VENDOR PART NO	DESCRIPTION
1	2024-0018	38" X 34"	Cooler Screen

CUSTOMER QUOTE
Hydraulic Cooler Conversion plus Temp Control

QTY	PART NO.	VENDOR #	DESCRIPTION
1	2020-1800	HC180-0120-BP60	New Style AKG 180 Cooler w/ Bypass & 11.5 Gpm Motor 2000 Rpm Requires 1260 Psi
1	2017-01005	810504102	1/2" SAE Stucchi Check Valve
1	2017-00080	PN800S	Needle Valve 1/2"
1	6505-08-08		
1	2404-08-08		
2	6600-08		1/2" jic tee
2	6400-08-12		
1	6400-06-06		
1	6402-08-08		
1	6400-08-08		
1	10643-8-8		FJIC Hose End Straight
1	13943-8-8		FJIC Hose End 90 Degree
9"	BXP08		1/2" Hydraulic Hose
0	ORF32-90		2" 90 Degree Beaded Suction Hose Fitting
2	2014-22870		228BN70 O'Ring for ORF32-90
4	HC187		Zinga Hose Clamp
0	1/2" Bolt		BTHH 1/2"-13x1 1/2"
0	1/2" Lock Washer		BTLW 1/2"
2	022-30044		Oil Cooler Mounting Bracket For 2020-1800 Cooler
0	BTHH 12Mx30		12mm-1.75 x 30mm HHCS 8.8
0	BTLW 12M		12M Metric Lock Washer
1	2024-0018		38" x 34" Cooler Screen
4	019-30085		Cooler screen holder brk't (11ga - burn&bend)
1	2001-0808	TC-115	Temperature Switch (Cooler Bypass)
1	6410-12-08		(Fitting for installing TC-115 in CDC-0127)
1	2017-11311	SV3-10-C-8H-12DG	Normally Closed Solenoid Valve (Cooler Bypass)
1	2001-0169	932336-002	Hirschmann Connector W/Light - 2 CKT
1	2001-1112	78310 / 46449	Fuse Holder 16AWG 10 Amp