

**I / O LIST FOR 40-94-115 PROGRAM.
 Port #1 User Interface**

PIN	S449	HARDWARE ASSIGNMENT	PROGRAM PIN ASSIGNMENT
1	31	Analog 4	Thermostat Temperature (0-5vdc)
2	33	Analog 0	Battery Monitor (No customer hookup)
3	35	Analog 7	Fuel Pressure Input (0-5vdc)
4	37	Analog 1	Electric gauge Water Temperature Sender
5	39	Input 1	Auto Position of Test Off Auto Toggle Switch
6	11	Input 2	Test Position of Test Off Auto Toggle Switch
7	(K6) 7, 8, 16, 17, 18, 19	Output 1	Fuel Solenoid Output
8	20	Battery +	Battery Plus
9	20	Battery +	Battery Plus
10	(K2) 4,5,6, and 13, 14, 15	Output 2	Starter Output
11	9, 10	Battery -	Ground
12	(K1) 21, 22	Output 3	Common Fail Output
13	1	Frequency Input	Frequency Input
14	32	Analog 6	Battery Voltage input (0-5vdc)
15	34	Analog 5	Charging Current (0-5vdc)
16	36	Analog 3	Low Coolant Level Input (Closed on Fault)
17	38	Analog 2	Electric Gauge Sender for Engine Oil Pressure
18	40	Input 3	Spare 1 Input (Shutdown / Alarm)
19	12	Input 4	Remote Start/Stop
20	(K3) 23, 24	Output 4	Block Heater Control
21	(K4) 25, 26	Output 5	Chiller control
22	(K5) 27, 28	Output 6	Exhaust Vent Control
23	(K7) 29, 30	Output 7	Generator Regulator Control
24	3	RS485 -	RS485 (-)
25	2	RS485 +	RS485(+)