

D11 Parts List

940-065	GRAPHIC KEYPAD, F1-F4, D11
940-066	GRAPHIC KEYPAD, NUMERIC, D11
940-067	GRAPHIC KEYPAD, F5-F8, D11
416B223H01	CABLE, RIBBON, MOTOR/ENC TO MOTHER BOARD
416B223H02	CABLE, RIBBON, I/O TO MOTHER BOARD
416B224H01	CABLE, RIBBON, KEYBOARD TO MOTHER BOARD
416B225H01	CABLE, RIBBON, DISPLAY TO MOTHER BOARD
4A50529G01	BOARD, CPU, W/FIRMWARE, D-11
4A50594G01	D-11 FIRMWARE (FULL SET)
6D20995G01	BOARD, CPU, W/O FIRMWARE, D11
6D20996G01	BOARD, INTERFACE, D11
6D20997G01	KEYBOARD, D11
6D20998G01	BOARD, MOTOR/ENCODER, D11
6D20999G01	BOARD, INPUT/OUTPUT, D11
6D21027H01	SCREEN (LENS), D11
6D21038H01	TOP COVER, D11
6D21039H01	FRONT COVER, D11
6D21040H01	CHASSIS ENCLOSURE, D11
73040A3P03	POWER SUPPLY, D11
73426AGT01	DISPLAY, D11
73454A2C10	LINE FILTER, D11
73479BFP01	CONNECTOR, P4, D-11
73479BFP03	CONNECTOR, P6, D-11
73479DWP01	CONNECTOR, J4, D-11
73479DWP04	CONNECTOR, J6, D-11

Contact Information for Replacement Parts:

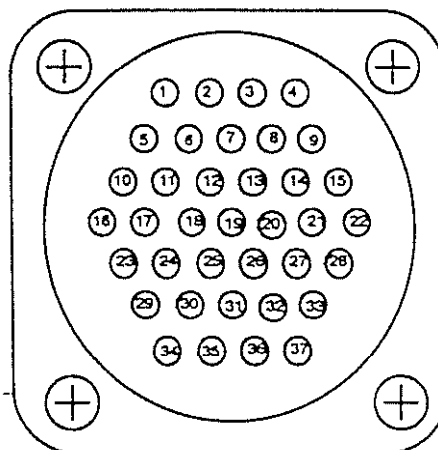
Linatrol Systems Inc
342 Dewitt Road
Stoney Creek, Ont,
L8E 2T2
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Tel: 905 664 6562

D11 TROUBLESHOOTING

- 1) Display will not operate.**
 - a) Check power supply**
 - b) Check display**
 - c) Check Interface board**
 - d) Check ribbon cable**
- 2) Display comes on but it is very dim.**
 - a) Adjust R12 on interface board**
 - b) Check power supply**
 - c) Check ribbon cable connections**
- 3) D11 does not come on.**
 - a) Check for voltage at outlet**
 - b) Check fuse**
 - c) Check for power out of line filter**
 - d) Check for power into power supply**
 - e) Check for power out of power supply**
 - f) Check Firmware**
 - g) Check CPU board**
 - h) Check interface board**
- 4) No communication activity.**
 - a) Check for +12V on pin 2,34, & 37 of motor encoder cable**
 - b) Check for -12V on pin 35 & 36 of motor encoder cable**
 - c) Check for common on pin 30 & 32 of motor encoder cable.**
 - d) Jumper pin 2 & 3 of communication port**
 - aa) Press Auxiliary functions**
 - bb) Press Test**
 - cc) Press Remote**
 - dd) Press Enter**
 - ee) If it Passes Check parameters, programs, & cable.**
 - ff) If it fails Repair Comm. Port**
- 5) Output not working;**

I/O Connector

The HYBRID-D11 I/O connector is a male AMP 37-pin metal circular connector.

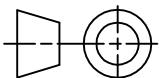


The pinout of the I/O connector is shown in the table below.

HYBRID-D11 I/O Connector Pinout			
Pin	I/O	Function	Description
1	Input 0	TUS	Torch Up Sense
2	Input 1	TDS	Torch Down Sense
3	Input 2	PHS	Preheat Sense
4	Input 3	CTS	Cut Sense
5	Input 4	TOP	Tracer On Path
6	Input 5		Reserved
7	Input 6	GI1	General Purpose Input 1
8	Input 7	GI2	General Purpose Input 2
9	Input 8	XHS	X (traverse) Home Switch
10	Input 9	XOS	X (traverse) Overtrav. Switch
11	Input 10	YHS	Y (rail) Home Switch
12	Input 11	YOS	Y (rail) Overtravel Switch
14		+24V DC	+ I/O Power Supply
15		+24V DC	+ I/O Power Supply
17		24V Com	I/O Power Supply Common
18		24V Com	I/O Power Supply Common
21	Output 0	TUP	Torch Up
22	Output 1	TDN	Torch Down
23	Output 2	IGN	Ignition Control
24	Output 3	THD	Torch Height Disable/ Dual Grid Control
25	Output 4	CNC	CNC/Tracer
26	Output 5	MRK	Marker Enable/Beeper
27	Output 6	CUT	Cut Control
28	Output 7		Not Used
29	Output 8	GO1	General Purpose Output 1
30	Output 9	PRH	Preheat Control
31	Output 10	KPI	Key Press Indicator
32	Output 11	GO2	General Purpose Input 2
35		+24 VDC	+ I/O Power Supply
37		24V COM	I/O Power Supply Common

120" X 3M ZONE TABLE

DRAWING	DESCRIPTION
1115-9665-07	DOWNDRAFT TABLE SECTION
1115-9654-07	SLAT SUPPORT
9932-1803-00	HOIST RING
1115-9653-07	SAW PACKAGE
1115-9652-04	PLATE PACKAGE
1115-9651-07	TABLE SECTION
9932-1803-01	HOIST RING
1115-9650-07	BOTTOM PLATE
1115-9649-03	SAW PACKAGE
1115-9648-05	PLATE PACKAGE
1115-9663-04	TABLE SLAT
1115-9664-00	COVER PLATE
1115-9655-01	PNEUMATIC ASSY
0868-3213-00	LIMIT MOUNT
1115-9658-00	ZONE DOOR
1115-9662-00	HINGE MOUNT
0868-5499-04	ELECTRICAL ASSY
1115-9682-00	STOP BLOCK
1115-9683-00	DUCT COVER

REQ'D	PART NO.	DESCRIPTION	MAT'L	STOCK SIZE	WT. (EACH)	ITEM
	KOIKE ARONSON, INC. ARCADE, NEW YORK	DATE: 8-10-01	BY: CWW	TOTAL WT:		
		SCALE: FULL	ENG:	MAT'L SPEC:		
		TITLE: DOWNDRAFT TABLE DRAWING PKG 120" X 3M				
UNSPECIFIED TOLERANCES				MACHINE	PAPER A	
FLAT SURFACES 125 RMS CYLINDRICAL SURFACES 63 RMS DIAMETERS CONCENTRIC .002 TIR BREAK ALL CORNERS 1/32 X 45° ALL ANGLES ±0.5°		INCH X ±1/32 .X ±.030 .XX ±.004 .XXX ±.002 .XXXX ±.0005	METRIC XX ±1mm XX,X ±.1mm XX,XX ±.05mm XX,XXX ±.01mm	 SHEET 1 OF 1		
DO NOT SCALE PRINT		DWG NO. D115-9665-07			REV	