

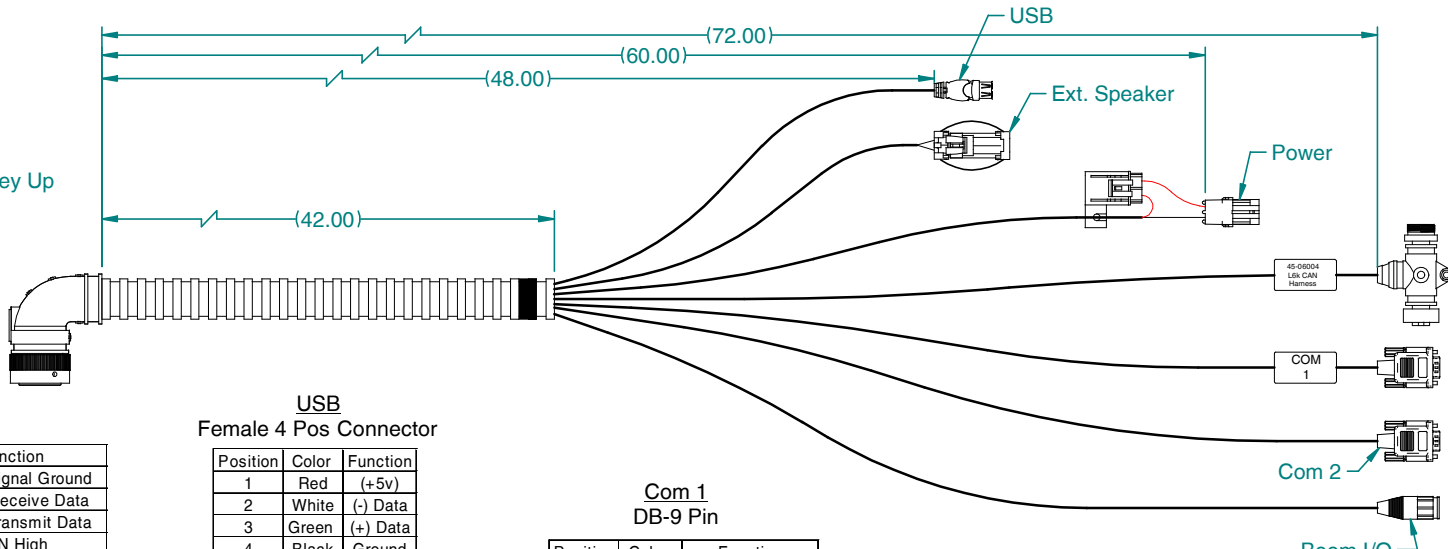
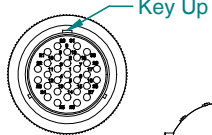
A

B

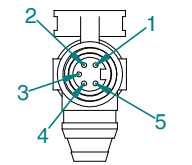
C

D

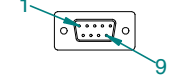
Deutsch 31 Pos. Front View



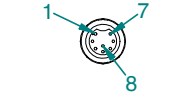
CAN 'T' Male Side (Pins) Face View



Com 1 & 2 Face View



Boom I/O 8 Socket Connector



1

2

3

4

Deutsch 31 Pos.

Pos.	Color	Function
1	Green	Com 2 Signal Ground
2	Red	Com 2 Receive Data
3	Orange	Com 2 Transmit Data
4	Orange	CAN High
5	Black	CAN Low
6	White	CAN Shield
7	Red	USB +5v
8	Green	Com 1 Signal Ground
9	Orange	Com 1 Transmit Data
10	Red	Com 1 Receive Data
11	White	Boom Out Select
12	Blue	Boom Data Out
13	Yellow	Boom Clock
14	Black	Boom Shield
15	Black	USB Shield
16	Red	Power +V
17	Green	CAN Ground
18	Red	CAN +V Out
19	White	USB Data
20	Purple	Com 2 Request to Send
21	Gray	Com 2 Clear to Send
22	Purple	Com 1 Request to Send
23	Gray	Com 1 Clear to Send
24	Green	Boom In Select
25	Orange	Boom Shift In
26	Black	Ext. SPKR (-)
27	White	Ext. SPKR (+)
28	Black	Power Ground
29	Red	Boom +12v Fil SW
30	Green	USB +Data
31	Black	USB Ground

USB Female 4 Pos Connector

Position	Color	Function
1	Red	(+5v)
2	White	(-) Data
3	Green	(+) Data
4	Black	Ground

Ext. SPKR Metripack 2 Pos.

Position	Color	Function
A	White	Speaker (+)
B	Black	Speaker (-)

Power Weatherpack 2 Pos

Position	Color	Function
A	Red	Bat. +V Input
B	Black	Bat Ground Input

CAN "T" 5 Position

Position	Color	Function
1	White	CAN Shield
2	Red	CAN (+V) Out
3	Green	CAN Ground
4	Orange	CAN High
5	Black	CAN Low

Com 1 DB-9 Pin

Position	Color	Function
1	n/a	
2	Red	Receive Data
3	Orange	Transmit Data
4	n/a	
5	Green	Signal Ground
6	N/a	
7	Purple	Request to Send
8	Gray	Clear to Send
9	n/a	

Com 2 DB-9 Pin

Position	Color	Function
1	n/a	
2	Red	Receive Data
3	Orange	Transmit Data
4	n/a	
5	Green	Ground
6	N/a	
7	Purple	Request to Send
8	Gray	Clear to Send
9	n/a	

Boom I/O 8 Socket Connector

Position	Color	Function
1	Black	Ground
2	Red	(+12v) Fil Sw
3	Green	In Select
4	Blue	Data Out
5	Orange	Shift In
6	White	Out Select
7	Yellow	Clock
8	n/a	

Note: 1.0 All dimensions are displayed in "Inches" unless otherwise specified.

MATERIAL: n/a		Midwest Technologies Illinois	
FINISH: n/a		TITLE: Cable, L&K Main Harness	
PROJECTION:		SCALE: UNITS: X METRIC: X	
UNLESS OTHERWISE SPECIFIED TOLERANCE:		DRAWN BY: <i>Rayon Reiser</i>	
R0 6/30/03 10192		CHECKED BY: <i>Ray Reiser</i>	
REV. DATE NOC No		APPROVED BY: <i>Scott Lander</i>	
0.1" +/- .01" 10.00" +/- .1" 3X		SHEET No: 1 of 1	
1.5" +/- .25" 5.10" +/- .5"		DWS No: C-45-06004	
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