

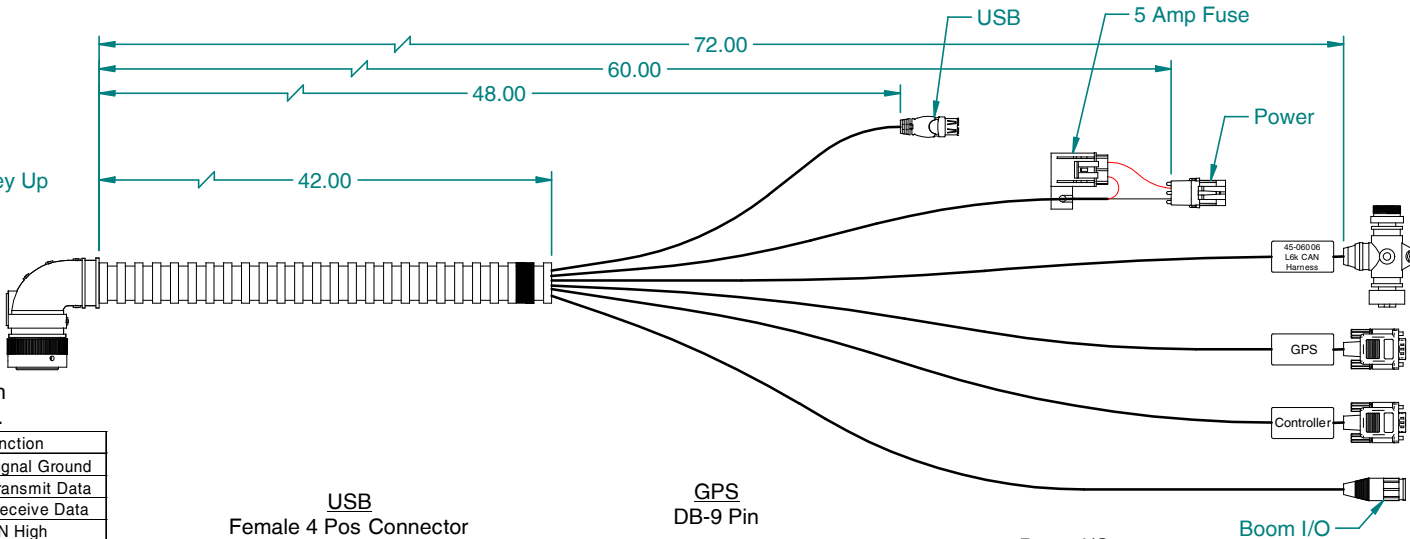
A

B

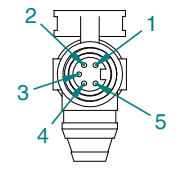
C

D

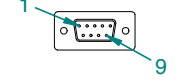
Deutsch 31 Pos.
Front View
Key Up



CAN 'T'
Male Side (Pins)
Face View



Com 1 & 2
Face View



Boom I/O
8 Socket Connector



Deutsch
31 Pos.

Pos.	Color	Function
1	Green	Com 2 Signal Ground
2	Orange	Com 2 Transmit Data
3	Red	Com 2 Receive 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 Ground
15	Black	USB Shield
16	Red	Power +V
17	Green	CAN Ground
18	Red	CAN +V Out
19	White	USB Data
20	Gray	Com 2 Clear to Send
21	Purple	Com 2 Request 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	n/a	
27	n/a	
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

**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

**GPS
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	

**Controller
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		FINISH: N/A		PROJECTION:		SCALE: 1:4		UNITS: INCH METRIC: X		TOLERANCE: UNLESS OTHERWISE SPECIFIED TOLERANCE: 0-1" +/- .1" 1-5" +/- .25" 5-10" +/- .5" 10-60" +/- 1" 60-120" +/- 2" 120" +/- 3" 3XX 1 of 1	
R2 3/22/04 10363		R1 2/11/03 010192		R0 3/7/02 10077		REV. DATE		NOC. No		MATERIAL: N/A	
DRAWN BY: D. Martin		CHECKED BY: Amy Nordin		APPROVED BY: Scott Leubke		SHEET No: 1 of 1		DWS No: C-45-06006		TITLE: Cable, L6k Main Harness SA	
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