

**SPEED INPUT 1**

+8V	White	62
SIG	Grey	63
0V	Black	61

**SPEED INPUT 3**

+8V	White	62
SIG	Violet	65
0V	Black	61

**DIGITAL INPUTS**

DSW1	Yellow	57
DSW2	Green	58
DSW3	Blue	59
0V	Black	61
DSW4	Orange	60

**ANALOG VOLT INPUT 1**

+5V	Red	44
SIG	Brown	45
0V	Black	43

**USB Connector**

Shield	68
Black	68
Red	70
White	77
Green	78

**ANALOG VOLT INPUT 2**

+5V	Red	44
SIG	Orange	46
0V	Black	43

**ANALOG VOLT INPUT 3**

+8V	White	62
SIG	Yellow	47
0V	Black	43

**ANALOG VOLT INPUT 4**

+5V	Red	44
SIG	Green	48
0V	Black	43

**ANALOG VOLT INPUT 5**

+5V	Red	44
SIG	Blue	49
0V	Black	43

**ANALOG VOLT INPUT 6**

+5V	Red	44
SIG	Violet	50
0V	Black	43

**ANALOG TEMP INPUT 1**

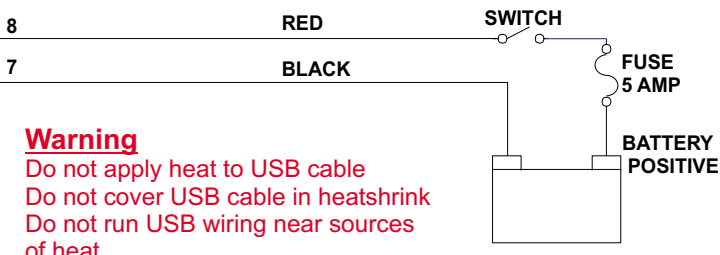
34	Grey	SIG
43	Black	0V

**ANALOG TEMP INPUT 2**

35	Violet	SIG
43	Black	0V

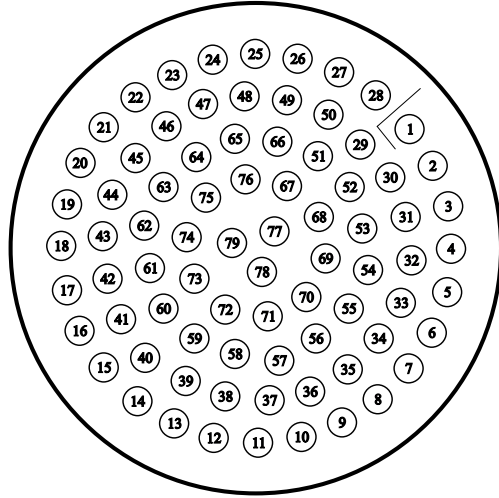
9	Brown	AUX OUTPUT 1
10	Green	AUX OUTPUT 2
11	Orange	AUX OUTPUT 3
8	Red	+12V

**NOTE 2:**  
The ADL2 should be wired on its own power switch.



**CAN Plug DTM06-6S**

61	Black	1
62	White	3
75	Green	4
76	Yellow	5



**CAR DETAILS:**

Pin	Name	Function	Device on car	Wire color
1	AV15	Analog Volt Input 15		
2	AV16	Analog Volt Input 16		
3	AV17	Analog Volt Input 17		
4	AV18	Analog Volt Input 18		
5	AV19	Analog Volt Input 19		
6	BL	Backlight Power (Backlit ADL only)		
7	BAT --	Battery Negative		Black
8	BAT +	Battery Positive		Red
9	AUX1	Auxiliary Output 1		Brown
10	AUX2	Auxiliary Output 2		Green
11	AUX3	Auxiliary Output 3		Orange
12	AUX4	Auxiliary Output 4		
13	AUX5	Auxiliary Output 5		
14	AUX6	Auxiliary Output 6		
15	AUX7	Auxiliary Output 7		
16	AUX8	Auxiliary Output 8		
17	0V	Sensor 0V for Analog Volt and Temp pins		
18	5V	Sensor 5V for Analog Volt and Temp pins		
19	AV7	Analog Volt Input 7		
20	AV8	Analog Volt Input 8		
21	AV9	Analog Volt Input 9		
22	AV10	Analog Volt Input 10		
23	AV11	Analog Volt Input 11		
24	AV12	Analog Volt Input 12		
25	AV13	Analog Volt Input 13		

Pin	Name	Function	Device on car	Wire color
26	AV14	Analog Volt Input 14		
27	0V	Sensor 0V for Analog Volt and Temp pins		
28	5V	Sensor 5V for Analog Volt and Temp pins		
29	LA1+	Lambda Input 1 Positive		
30	LA1-	Lambda Input 1 Negative		
31	LA2+	Lambda Input 2 Positive		
32	LA2-	Lambda Input 2 Negative		
33	0V	Sensor 0V for Analog Volt and Temp pins		
34	AT1	Analog Temp Input 1		Grey
35	AT2	Analog Temp Input 2		Violet
36	AT3	Analog Temp Input 3		
37	AT4	Analog Temp Input 4		
38	AT5	Analog Temp Input 5		
39	AT6	Analog Temp Input 6		
40	0V	Sensor 0v for Analog Volt and Temp Pins		
41	AT7	Analog Temp Input 7		
42	AT8	Analog Temp Input 8		
43	0V	Sensor 0V for Analog Volt and Temp pins		Black
44	5V	Sensor 5V for Analog Volt and Temp pins		Red
45	AV1	Analog Volt Input 1		Brown
46	AV2	Analog Volt Input 2		Orange
47	AV3	Analog Volt Input 3		Yellow
48	AV4	Analog Volt Input 4		Green
49	AV5	Analog Volt Input 5		Blue
50	AV6	Analog Volt Input 6		Violet
51	0V	Sensor 0V for Digital, Switched & Speed		
52	DIG1	Digital Input 1		Brown
53	DIG2	Digital Input 2		

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Title **BASIC LOOM (REV D LOOM)**

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Pin	Name	Function	Device on car	Wire color
54	DIG3	Digital Input 3		
55	DIG4	Digital Input 4		
56	0V	Sensor 0V for Digital, Switched & Speed		
57	SW1	Switch Input 1		Yellow
58	SW2	Switch Input 2		Green
59	SW3	Switch Input 3		Blue
60	SW4	Switch Input 4		Orange
61	0V	Sensor 0V for Digital, Switched & Speed		Black
62	8V Sensor	Sensor 8Volt		White
63	SPD1	Speed Input 1		Grey
64	SPD2	Speed Input 2		
65	SPD3	Speed Input 3		Violet
66	SPD4	Speed Input 4		
67	TX/TELEM	RS232 Output		
68	USB-GND	USB Ground		Black + Shield
69	AV20	Analog Volt Input 20		
70	USB-VCC	USB Power		Red
71	0V	0V to Can Cable	Car Cable	Black
72	8V	8V to Can Cable	Car Cable	Red
73	CANLA	Can Lo A	Car Cable	Green
74	CANHA	Can Hi A	Car Cable	White
75	CANLB	Can Lo B		Green
76	CANHB	Can Hi B		White
77	USB-DM	USB Data Minus		White
78	USB-DP	USB Data Plus		Green
79	RX	RS232 Input		

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