

Wire Number	Wire Comes From	Wire Goes To	Notes
0.WHITE	L5-Pull	P14-2	
00.RED	L5-HOLD	P14-1	
000.BLACK	L5-GROUND	P14-3	
001A	TB3-1	S8-L1	
001A	S8-L1	TB3-1	
001B	K1-A1	S8-L1	
001B	S8-L1	K1-A1	
001C	P6-18	K1-A1	
001C	K1-A1	P6-18	
001D	TB5-23	J6-18	
001D	J6-18	TB5-23	
001E	TB5-23	S6-18	
001E	S6-18	TB5-23	
002A	TB3-2	S8-2	
002A	S8-2	TB3-2	
002B	K1-B1	S8-L2	
002B	S8-L2	K1-B1	
002C	TB5-24	J6-17	
002C	J6-17	TB5-24	
002E	P6-17	K1-B1	
002E	K1-B1	P6-17	
002F	TB5-24	S6-20	
002F	S6-20	TB5-24	
003A	TB3-3	S8-L3	
003A	S8-L3	TB3-3	
003B	K1-C1	S8-L3	
003B	S8-L3	K1-C1	
003C	TB4-2	P6-15	
003C	P6-15	TB4-2	
003D	TB4-3	P6-16	
003D	P6-16	TB4-3	
003F	TB4-2	K1-C1	
003F	K1-C1	TB4-2	
003G	TB5-5	J6-16	
003G	J6-16	TB5-5	
003H	TB5-6	A1-4	
003H	A1-4	TB5-6	
003J	TB5-6	K4-2	
003J	K4-2	TB5-6	
003L	TB5-6	A7 (L)	
003L	A7 (L)	TB5-6	
003M	TB5-5	S6-14	
003M	S6-14	TB5-5	
003S	TB5-5	J6-15	
003S	J6-15	TB5-5	
004A	TB3-4	S8-9	
004A	S8-9	TB3-4	
005A	TB3-5	S8-32	
005A	S8-32	TB3-5	

006A	TB3-6	S8-20	
006A	S8-20	TB3-6	
006B	TB2-LO	S8-LO	
006B	S8-LO	TB2-LO	
006D	TB4-4	S8-LO	
006D	S8-LO	TB4-4	
006G	TB4-4	P6-14	
006G	P6-14	TB4-4	
006H	TB4-5	P6-13	
006H	P6-13	TB4-5	
006J	TB5-3	J6-13	
006J	J6-13	TB5-3	
006K	TB5-4	J6-14	
006K	J6-14	TB5-4	
006M	TB5-3	A1-3	
006M	A1-3	TB5-3	
006N	TB5-3	K4-1	
006N	K4-1	TB5-3	
006P	A7 (L)	K4-1	
006P	K4-1	A7 (L)	
006S	TB5-4	S6-24	
006S	S6-24	TB5-4	
007A	TB3-7	S8-22	
007A	S8-22	TB3-7	
008A	TB3-8	S8-3	
008A	S8-3	TB3-8	
009A	TB3-9	S8-38	
009A	S8-38	TB3-9	
010A	TB3-10	S8-8	
010A	S8-8	TB3-10	
011A	TB3-11	S8-36	
011A	S8-36	TB3-11	
012A	TB3-12	S8-26	
012A	S8-26	TB3-12	
100A	BT2 (-)	B1-GND	
100A	B1-GND	BT2 (-)	
100AB	TB5-8	J3-D	
100AB	J3-D	TB5-8	
100AC	TB5-9	P4-5	
100AC	P4-5	TB5-9	
100AD	TB5-9	P4-12	
100AD	P4-12	TB5-9	
100AE	B1-GND	G2 (-)	
100AE	G2 (-)	B1-GND	
100AF	TB5-7	A1-GND	
100AF	A1-GND	TB5-7	
100AH	TB5-10	K15-B	
100AH	K15-B	TB5-10	
100AJ	J11-2	TB4-10	
100AJ	TB4-10	J11-2	

100AK	TB5-10	V5-2	
100AK	V5-2	TB5-10	
100AL	J1-1 (GRD)	TB5-7	
100AL	TB5-7	J1-1 (GRD)	
100AM	J15-4	TB4-9	
100AM	TB4-9	J15-4	
100AN	TB6-2	M7-G	
100AN	M7-G	TB6-2	
100AP	M6-G	M7-G	
100AP	M7-G	M6-G	
100AR	M6-G	M5-G	
100AR	M5-G	M6-G	
100AS	J13-2	TB4-10	
100AS	TB4-10	J13-2	
100AT	TB6-2	DS7-3	
100AT	DS7-3	TB6-2	
100AU	TB5-7	S5-6	
100AU	S5-6	TB5-7	
100AW	CP GND	TB6-5	
100AW	TB6-5	CP GND	
100AX	TB6-5	S7-12	
100AX	S7-12	TB6-5	
100AY	HTR2-2	HTR-GND	
100AY	HTR-GND	HTR2-2	
100AZ	TB5-10	K20-B	
100AZ	K20-B	TB5-10	
100B	SR1 (-)	B1-GND	
100B	B1-GND	SR1 (-)	
100BA	HTR1-2	HTR-GND	
100BA	HTR-GND	HTR1-2	
100C	TB5-8	J6-31	
100C	J6-31	TB5-8	
100D	J14-3	TB4-10	
100D	TB4-10	J14-3	
100E	B1 (-)	TB2-GND	
100E	TB2-GND	B1 (-)	
100F	TB4-8	B1 (-)	
100F	B1 (-)	TB4-8	
100G	TB4-9	CP-GND	
100G	CP-GND	TB4-9	
100H	TB5-9	TB6-1	
100H	TB6-1	TB5-9	
100J	K2-X2	TB4-9	
100J	TB4-9	K2-X2	
100K	TB5-8	S14-8	
100K	S14-8	TB5-8	
100L	CP GND	TB6-1	
100L	TB6-1	CP GND	
100M	TB4-8	K18-2	
100M	K18-2	TB4-8	

100N	TB5-9	K15-7	
100N	K15-7	TB5-9	
100P	TB5-10	DS6-3	
100P	DS6-3	TB5-10	
100R	TB6-2	M3 (-)	
100R	M3 (-)	TB6-2	
100S	TB4-8	MT5-GND	
100S	MT5-GND	TB4-8	
100T	TB4-9	P6-31	
100T	P6-31	TB4-9	
100U	TB4-8	K1-12	
100U	K1-12	TB4-8	
100V	TB6-1	DS3-2	
100V	DS3-2	TB6-1	
100W	TB6-1	DS2-2	
100W	DS2-2	TB6-1	
100X	DS1-2	TB6-2	
100X	TB6-2	DS1-2	
100Y	TB5-7	K12-B	
100Y	K12-B	TB5-7	
100Z	TB5-8	J3-B	
100Z	J3-B	TB5-8	
101A	J15-3	P7-9	
101A	P7-9	J15-3	
101B	TB5-21	K19-B	
101B	K19-B	TB5-21	
101C	TB5-21	J7-9	
101C	J7-9	TB5-21	
101D	TB5-21	J3-Z	
101D	J3-Z	TB5-21	
102A	K20-7	K20-A	
102A	K20-A	K20-7	
102B	K20-7	K15-9	
102B	K15-9	K20-7	
103A	K16-2	K15-3	
103A	K15-3	K16-2	
104A	G1-F1	P5-1	
104A	P5-1	G1-F1	
104B	TB5-17	J5-1	
104B	J5-1	TB5-17	
104C	TB5-17	A1-6 (F+)	
104C	A1-6 (F+)	TB5-17	
104D	TB5-17	CR2-2 (-)	
104D	CR2-2 (-)	TB5-17	
104E	TB5-17	J3-F	
104E	J3-F	TB5-17	
105A	G1-F2	P5-2	
105A	P5-2	G1-F2	
105B	TB5-18	J5-2	
105B	J5-2	TB5-18	

105C	TB5-18	A1-5 (F-)	
105C	A1-5 (F-)	TB5-18	
105D	TB5-18	K15-4	
105D	K15-4	TB5-18	
105E	TB5-18	J3-J	
105E	J3-J	TB5-18	
106A	G1-Q1	P5-3	
106A	P5-3	G1-Q1	
106B	A1-8	J5-3	
106B	J5-3	A1-8	
106B	J5-3	FU2-2	
106B	FU2-2	J5-3	
106C	A1-8	FU2-1	
106C	FU2-1	A1-8	
107A	G1-Q2	P5-4	
107A	P5-4	G1-Q2	
107B	A1-7	J5-4	
107B	J5-4	A1-7	
108A	BT2 (+)	BT1 (-)	
108A	BT1 (-)	BT2 (+)	
109A	BT1 (+)	L4-1	
109A	L4-1	BT1 (+)	
109B	SR1 (+)	L4-1	
109B	L4-1	SR1 (+)	
109C	L4-1	K18-4	
109C	K18-4	L4-1	
109E	K2-A1	K18-4	
109E	K18-4	K2-A1	
109F	K2-A1	P6-21	
109F	P6-21	K2-A1	
109J	J6-21	MT4-4	
109J	MT4-4	J6-21	
109K	J6-22	MT4-4	
109K	MT4-4	J6-22	
109L	K2-A1	P6-22	
109L	P6-22	K2-A1	
111A	TB6-6	DS7-1	
111A	DS7-1	TB6-6	
111B	TB6-6	DS6-1	
111B	DS6-1	TB6-6	
111C	R15-2	TB6-6	
111C	TB6-6	R15-2	
112A	CR1-2	MT4-1	
112A	MT4-1	CR1-2	
112B	FU1-1	MT4-1	
112B	MT4-1	FU1-1	
113A	TB4-6	K2-A2	
113A	K2-A2	TB4-6	
113B	TB4-6	L4 (+)	
113B	L4 (+)	TB4-6	

113C	TB4-6	P6-19	
113C	P6-19	TB4-6	
113D	J6-19	J3-N	
113D	J3-N	J6-19	
113E	TB4-6	P6-36	
113E	P6-36	TB4-6	
113F	J6-36	K16-4	
113F	K16-4	J6-36	
114A	TB5-20	S7-2	
114A	S7-2	TB5-20	
114B	K2-X1	P6-20	
114B	P6-20	K2-X1	
114C	S10-1	K2-X1	
114C	K2-X1	S10-1	
114E	TB5-20	J3-T	
114E	J3-T	TB5-20	
114F	TB5-20	J6-20	
114F	J6-20	TB5-20	
115A	TB5-15	K12-3	
115A	K12-3	TB5-15	
115B	TB5-15	K4-8	
115B	K4-8	TB5-15	
115C	K8-10	K8-6	
115C	K8-6	K8-10	
115D	K8-6	K4-8	
115D	K4-8	K8-6	
115F	TB5-15	K19-8	
115F	K19-8	TB5-15	
115G	TB4-14	P7-10	
115G	P7-10	TB4-14	
115J	HT-C	TB4-14	
115J	TB4-14	HT-C	
115M	TB5-15	J7-10	
115M	J7-10	TB5-15	
116A	HTR4-1	K18-3	
116A	K18-3	HTR4-1	
116B	HTR3-1	K18-3	
116B	K18-3	HTR3-1	
117A	J11-1	TB4-13	
117A	TB4-13	J11-1	
117B	J15-1	TB4-13	
117B	TB4-13	J15-1	
117C	TB4-13	P7-7	
117C	P7-7	TB4-13	
117D	J3-O	J7-7	
117D	J7-7	J3-O	
118A	J15-2	P7-8	
118A	P7-8	J15-2	
118B	J7-8	S1-5	
118B	S1-5	J7-8	

119A	TB5-2	K20-9	
119A	K20-9	TB5-2	
119B	J14-1	TB4-12	
119B	TB4-12	J14-1	
119C	TB4-12	P7-6	
119C	P7-6	TB4-12	
119D	J13-1	TB4-12	
119D	TB4-12	J13-1	
119E	TB5-2	J7-6	
119E	J7-6	TB5-2	
119F	TB5-1	K12-1	
119F	K12-1	TB5-1	
119G	TB5-1	K16-A	
119G	K16-A	TB5-1	
119H	TB5-1	K20-4	
119H	K20-4	TB5-1	
119J	TB5-2	J3-K	
119J	J3-K	TB5-2	
119K	TB5-2	J3-b	
119K	J3-b	TB5-2	
119L	K20-4	K15-6	
119L	K15-6	K20-4	
120A	S10-2	P6-33	
120A	P6-33	S10-2	
120B	J6-33	CR1-1 (-)	
120B	CR1-1 (-)	J6-33	
121A	TB2-L1	K1-A2	
121A	K1-A2	TB2-L1	
122A	TB2-L2	K1-B2	
122A	K1-B2	TB2-L2	
123A	TB2-L3	K1-C2	
123A	K1-C2	TB2-L3	
124A	P4-2	K19-5	
124A	K19-5	P4-2	
126A	OP-NC	P7-5	
126A	P7-5	OP-NC	
126B	J7-5	K20-8	
126B	K20-8	J7-5	
126C	J3-a	K20-8	
126C	K20-8	J3-a	
127A	P4-1	K20-5	
127A	K20-5	P4-1	
128A	MT5-1	P7-1	
128A	P7-1	MT5-1	
128B	M5-S	J7-1	
128B	J7-1	M5-S	
129A	MT6-1	P7-2	
129A	P7-2	MT6-1	
129B	M6-S	J7-2	
129B	J7-2	M6-S	

130A	MT7-1	P7-3	
130A	P7-3	MT7-1	
130B	M7-S	J7-3	
130B	J7-3	M7-S	
131A	MPU-2	P7-13	
131A	P7-13	MPU-2	
131B	J7-13	S14-6	
131B	S14-6	J7-13	
132A	MPU-1	P7-12	
132A	P7-12	MPU-1	
132B	J7-12	S14-3	
132B	S14-3	J7-12	
133A	S10-3	P7-14	
133A	P7-14	S10-3	
133B	J7-14	S17-1	
133B	S17-1	J7-14	
134A	P4-3	K12-9	
134A	K12-9	P4-3	
135A	CB1-2	S17-2	
135A	S17-2	CB1-2	
135B	J3-d	CB1-2	
135B	CB1-2	J3-d	
136A	J3-U	S1-8	
136A	S1-8	J3-U	
136B	S2-2	S1-6	
136B	S1-6	S2-2	
136C	P4-4	S1-4	
136C	S1-4	P4-4	
136D	CB1-1	S1-2	
136D	S1-2	CB1-1	
136G	V5-1	CB1-1	
136G	CB1-1	V5-1	
137A	TB5-11	TB6-4	
137A	TB6-4	TB5-11	
137B	TB5-11	P4-15	
137B	P4-15	TB5-11	
137C	TB5-12	K12-7	
137C	K12-7	TB5-12	
137D	TB5-11	K19-A	
137D	K19-A	TB5-11	
137E	TB5-12	R15-1	
137E	R15-1	TB5-12	
137F	TB6-4	M5-I	
137F	M5-I	TB6-4	
137H	M6-I	M5-I	
137H	M5-I	M6-I	
137J	M6-I	M7-I	
137J	M7-I	M6-I	
137K	TB5-12	S14-7	
137K	S14-7	TB5-12	

137M	TB5-11	P4-14	
137M	P4-14	TB5-11	
137N	TB6-4	S1-3	
137N	S1-3	TB6-4	
137S	TB5-12	J6-34	
137S	J6-34	TB5-12	
137T	G2-EXC	P6-34	
137T	P6-34	G2-EXC	
137U	J3-R	TB6-4	
137U	TB6-4	J3-R	
138A	K16-B	S14-1	
138A	S14-1	K16-B	
139B	K18-1	P6-23	
139B	P6-23	K18-1	
139C	J6-23	S1-1	
139C	S1-1	J6-23	
140A	TB5-14	S1-7	
140A	S1-7	TB5-14	
140B	TB5-14	K12-8	
140B	K12-8	TB5-14	
140C	TB5-14	K15-A	
140C	K15-A	TB5-14	
140D	TB5-14	J3-P	
140D	J3-P	TB5-14	
141A	HT-NO	P7-11	
141A	P7-11	HT-NO	
141B	J7-11	P4-8	
141B	P4-8	J7-11	
142A	S7-1	K16-6	
142A	K16-6	S7-1	
143B	J7-4	K16-8	
143B	K16-8	J7-4	
143C	OP-C	P7-4	
143C	P7-4	OP-C	
144A	K16-9	K12-2	
144A	K12-2	K16-9	
145A	TB5-13	K12-A	
145A	K12-A	TB5-13	
145B	TB5-13	S7-7	
145B	S7-7	TB5-13	
145C	TB5-13	K12-4	
145C	K12-4	TB5-13	
146A	K16-3	K15-5	
146A	K15-5	K16-3	
147A	K8-7	S5-3	
147A	S5-3	K8-7	
147B	K8-7	S7-5	
147B	S7-5	K8-7	
148A	K8-8	K8-11	
148A	K8-11	K8-8	

148B	K8-8	S7-6	
148B	S7-6	K8-8	
149A	P6-30	K1-11	
149A	K1-11	P6-30	
149B	J6-30	K8-12	
149B	K8-12	J6-30	
149C	K8-12	DS7-2	
149C	DS7-2	K8-12	
150A	TB5-19	M3 (+)	
150A	M3 (+)	TB5-19	
150B	P6-29	K1-X	
150B	K1-X	P6-29	
150C	TB5-19	J3-V	
150C	J3-V	TB5-19	
150D	TB5-19	K20-6	
150D	K20-6	TB5-19	
150E	TB5-19	J6-29	
150E	J6-29	TB5-19	
151A	R14-1	K15-8	
151A	K15-8	R14-1	
152B	TB5-16	S5-5	
152B	S5-5	TB5-16	
152C	TB5-16	J6-35	
152C	J6-35	TB5-16	
152D	P6-35	K1-Y	
152D	K1-Y	P6-35	
153A	K4-7	P4-9	
153A	P4-9	K4-7	
154A	A7 (+)	M2 (+)	
154A	M2 (+)	A7 (+)	
155A	A7 (-)	M2 (-)	
155A	M2 (-)	A7 (-)	
156A	R1-L	A1-1	
156A	A1-1	R1-L	
156A (Shield)	A1 GND	A1	Both 156A & 157A are shielded by the same shield so these two shields only represent 1 "wire"
157A	R1-C	R1-R	
157A	R1-R	R1-C	
157B	R1-R	A1-2	
157B	A1-2	R1-R	
157B (Shield)	A1 GND	A1	Both 156A & 157A are shielded by the same shield so these two shields only represent 1 "wire"
158A	M4 (-)	MT4-3	
158A	MT4-3	M4 (-)	

159A	M4 (+)	MT4-2	
159A	MT4-2	M4 (+)	
160A	J6-8	S6-29	
160A	S6-29	J6-8	
160B	S8-45	P6-8	
160B	P6-8	S8-45	
161A	TB6-3	S2-3	
161A	S2-3	TB6-3	
161B	TB6-3	DS1-1	
161B	DS1-1	TB6-3	
161C	TB6-3	DS2-1	
161C	DS2-1	TB6-3	
161D	TB6-3	DS3-1	
161D	DS3-1	TB6-3	
162A	J6-7	M8-1	
162A	M8-1	J6-7	
162B	P6-7	S8-44	
162B	S8-44	P6-7	
163A	M8-2	S6-26	
163A	S6-26	M8-2	
164A	CT1-A1	P6-1	
164A	P6-1	CT1-A1	
164B	J6-1	K8-1	
164B	K8-1	J6-1	
164C	K8-1	R10-1	
164C	R10-1	K8-1	
165A	CT2-B1	P6-2	
165A	P6-2	CT2-B1	
165B	J6-2	K8-2	
165B	K8-2	J6-2	
165C	K8-2	R11-1	
165C	R11-1	K8-2	
166A	CT3-C1	P6-3	
166A	P6-3	CT3-C1	
166B	J6-3	K8-3	
166B	K8-3	J6-3	
166C	K8-3	R12-1	
166C	R12-1	K8-3	
166D	R13-1	R12-1	
166D	R12-1	R13-1	
167A	TB4-1	S8-41	
167A	S8-41	TB4-1	
167B	TB4-1	S8-13	
167B	S8-13	TB4-1	
167C	TB4-1	P6-11	
167C	P6-11	TB4-1	
167D	J6-11	K8-4	
167D	K8-4	J6-11	
167E	R10-2	S6-6	
167E	S6-6	R10-2	

167F	S6-27	S6-10	
167F	S6-10	S6-27	
167G	K8-4	S6-2	
167G	S6-2	K8-4	
168A	CT3-C2	P6-4	
168A	P6-4	CT3-C2	
168B	J6-4	S6-9	
168B	S6-9	J6-4	
169A	CT2-B2	P6-5	
169A	P6-5	CT2-B2	
169B	J6-5	S6-5	
169B	S6-5	J6-5	
170A	CT1-A2	P6-6	
170A	P6-6	CT1-A2	
170B	J6-6	S6-1	
170B	S6-1	J6-6	
171A	M1 (+)	S6-30	
171A	S6-30	M1 (+)	
172A	M1 (-)	S6-15	
172A	S6-15	M1 (-)	
173A	K8-5	P4-18	
173A	P4-18	K8-5	
174A	K8-9	P4-11	
174A	P4-11	K8-9	
175A	J6-9	S6-31	
175A	S6-31	J6-9	
175B	S8-47	P6-9	
175B	P6-9	S8-47	
176A	J6-12	S6-4	
176A	S6-4	J6-12	
176B	S6-25	S6-12	
176B	S6-12	S6-25	
176C	P6-12	S8-43	
176C	S8-43	P6-12	
177A	J6-10	S6-13	
177A	S6-13	J6-10	
177B	P6-10	S8-46	
177B	S8-46	P6-10	
178A	B1 (+)	P7-15	
178A	P7-15	B1 (+)	
178B	J3-X	J7-15	
178B	J7-15	J3-X	
179A	J6-32	R13-2	
179A	R13-2	J6-32	
179B	P6-32	S8-14	
179B	S8-14	P6-32	
180A	FU1-2	J6-27	
180A	J6-27	FU1-2	
180B	FU1-2	J6-28	
180B	J6-28	FU1-2	

180C	G2 (+)	P6-27	
180C	P6-27	G2 (+)	
180D	G2 (+)	P6-28	
180D	P6-28	G2 (+)	
181A	S7-8	P4-13	
181A	P4-13	S7-8	
182A	S7-11	DS6-2	
182A	DS6-2	S7-11	
183A	J14-2	P6-37	
183A	P6-37	J14-2	
183B	J6-37	K16-7	
183B	K16-7	J6-37	
185A	HTR4-2	HTR2-1	
185A	HTR2-1	HTR4-2	
186A	HTR3-2	HTR1-1	
186A	HTR1-1	HTR3-2	
Black	J1-3 (BLK)	CB3-4	
BLACK (L)	CB3-2	TB5-6	
White	J1-2 (White)	CB3-3	
WHITE (N)	CB3-1	TB5-4	
White Jumper	R10-2	R11-2	
White Jumper	R11-2	R12-2	
White Jumper	R14-2	CR2-2 (+)	