

Wire Comes From	Wire Goes To	Wire Number	Notes
A1-1	R1-L	156A	
A1-2	R1-R	157B	
A1-3	TB5-3	006M	
A1-4	TB5-6	003H	
A1-5 (F-)	TB5-18	105C	
A1-6 (F+)	TB5-17	104C	
A1-7	J5-4	107B	
A1-8	J5-3	106B	Without QUAD MWO
A1-8	FU2-1	106C	With QUAD MWO
A1-GND	A1	156A (Shield)	Both 156A & 157A are shielded by the same shield so these two shields only represent 1 "wire"
A1-GND	A1	157B (Shield)	Both 156A & 157A are shielded by the same shield so these two shields only represent 1 "wire"
A1-GND	TB5-7	100AF	
A7 (-)	M2 (-)	155A	
A7 (+)	M2 (+)	154A	
A7 (L)	TB5-6	003L	
A7 (L)	K4-1	006P	
B1 (-)	TB2-GND	100E	
B1 (-)	TB4-8	100F	
B1 (+)	P7-15	178A	
B1-GND	BT2 (-)	100A	
B1-GND	G2 (-)	100AE	
B1-GND	SR1 (-)	100B	
BT1 (-)	BT2 (+)	108A	
BT1 (+)	L4-1	109A	
BT2 (-)	B1-GND	100A	
BT2 (+)	BT1 (-)	108A	
CB1-1	S1-2	136D	
CB1-1	V5-1	136G	
CB1-2	S17-2	135A	
CB1-2	J3-d	135B	
CB3-1	TB5-4	WHITE (N)	
CB3-2	TB5-6	BLACK (L)	
CP GND	TB6-5	100AW	
CP GND	TB6-1	100L	
CP-GND	TB4-9	100G	
CR1-1 (-)	J6-33	120B	
CR1-2 (+)	MT4-1	112A	
CR2-1 (+)	R14-2	WHITE JUMPER	
CR2-2 (-)	TB5-17	104D	
CR3 (-)	S5-2		
CR3 (+)	S5-5		
CR4-(-)	S1-1		
CR4-(+)	S1-7		

CR5 (-)	TB4-11		
CR5 (+)	TB4-10		
CT1-A1	P6-1	164A	
CT1-A2	P6-6	170A	
CT2-B1	P6-2	165A	
CT2-B2	P6-5	169A	
CT3-C1	P6-3	166A	
CT3-C2	P6-4	168A	
DS1-1	TB6-3	161B	
DS1-2	TB6-2	100X	
DS2-1	TB6-3	161C	
DS2-2	TB6-1	100W	
DS3-1	TB6-3	161D	
DS3-2	TB6-1	100V	
DS6-1	TB6-6	111B	
DS6-2	S7-11	182A	
DS6-3	TB5-10	100P	
DS7-1	TB6-6	111A	
DS7-2	K8-12	149C	
DS7-3	TB6-2	100AT	
FU1-1	MT4-1	112B	
FU1-2	J6-27	180A	
FU1-2	J6-28	180B	
FU2-1	A1-8	106C	With QUAD MWO
FU2-2	J5-3	106B	With QUAD MWO
G1-F1	P5-1	104A	
G1-F2	P5-2	105A	
G1-Q1	P5-3	106A	
G1-Q2	P5-4	107A	
G2 (-)	B1-GND	100AE	
G2 (+)	P6-27	180C	
G2 (+)	P6-28	180D	
G2-EXC	P6-34	137T	
HT-C	TB4-14	115J	
HT-NO	P7-11	141A	
HTR1-1	HTR3-2	186A	
HTR1-2	HTR-GND	100BA	
HTR2-1	HTR4-2	185A	
HTR2-2	HTR-GND	100AY	
HTR3-1	K18-3	116B	
HTR3-2	HTR1-1	186A	
HTR4-1	K18-3	116A	
HTR4-2	HTR2-1	185A	
HTR-GND	HTR2-2	100AY	
HTR-GND	HTR1-2	100BA	
J1-1 (GRD)	TB5-7	100AL	
J11-1	TB4-13	117A	
J11-2	TB4-10	100AJ	
J1-3 (BLACK)	CB3-4	Black	
J1-2 (WHITE)	CB3-3	White	

J13-1	TB4-12	119D	
J13-2	TB4-10	100AS	
J14-1	TB4-12	119B	
J14-2	P6-37	183A	
J14-3	TB4-10	100D	
J15-1	TB4-13	117B	
J15-2	P7-8	118A	
J15-3	P7-9	101A	
J15-4	TB4-9	100AM	
J3-a	K20-8	126C	
J3-B	TB5-8	100Z	
J3-b	TB5-2	119K	
J3-D	TB5-8	100AB	
J3-d	CB1-2	135B	
J3-F	TB5-17	104E	
J3-J	TB5-18	105E	
J3-K	TB5-2	119J	
J3-N	J6-19	113D	
J3-O	J7-7	117D	
J3-P	TB5-14	140D	
J3-R	TB6-4	137U	
J3-T	TB5-20	114E	
J3-U	S1-8	136A	
J3-V	TB5-19	150C	
J3-X	J7-15	178B	
J3-Z	TB5-21	101D	
J5-1	TB5-17	104B	
J5-2	TB5-18	105B	
J5-03	A1-8	106B	Without QUAD MWO
J5-03	FU2-2	106B	With QUAD MWO
J5-4	A1-7	107B	
J6-1	K8-1	164B	
J6-10	S6-13	177A	
J6-11	K8-4	167D	
J6-12	S6-4	176A	
J6-13	TB5-3	006J	
J6-14	TB5-4	006K	
J6-15	TB5-5	003S	
J6-16	TB5-5	003G	
J6-17	TB5-24	002C	
J6-18	TB5-23	001D	
J6-19	J3-N	113D	
J6-2	K8-2	165B	
J6-20	TB5-20	114F	
J6-21	MT4-4	109J	
J6-22	MT4-4	109K	
J6-23	S1-1	139C	
J6-27	FU1-2	180A	
J6-28	FU1-2	180B	
J6-29	TB5-19	150E	

J6-3	K8-3	166B	
J6-30	K8-12	149B	
J6-31	TB5-8	100C	
J6-32	R13-2	179A	
J6-33	CR1-1 (-)	120B	
J6-34	TB5-12	137S	
J6-35	TB5-16	152C	
J6-36	K16-4	113F	
J6-37	K16-7	183B	
J6-4	S6-9	168B	
J6-5	S6-5	169B	
J6-6	S6-1	170B	
J6-7	M8-1	162A	
J6-8	S6-29	160A	
J6-9	S6-31	175A	
J7-1	M5-S	128B	
J7-2	M6-S	129B	
J7-3	M7-S	130B	
J7-4	K16-8	143B	
J7-5	K20-8	126B	
J7-6	TB5-2	119E	
J7-7	J3-O	117D	
J7-8	S1-5	118B	
J7-9	TB5-21	101C	
J7-10	TB5-15	115M	
J7-11	P4-8	141B	
J7-12	S14-3	132B	
J7-13	S14-6	131B	
J7-14	S17-1	133B	
J7-15	J3-X	178B	
K1-11	P6-30	149A	
K1-12	TB4-8	100U	
K12-1	TB5-1	119F	
K12-2	K16-9	144A	
K12-3	TB5-15	115A	
K12-4	TB5-13	145C	
K12-7	TB5-12	137C	
K12-8	TB5-14	140B	
K12-9	P4-3	134A	
K12-A	TB5-13	145A	
K12-B	TB5-7	100Y	
K15-3	K16-2	103A	
K15-4	TB5-18	105D	
K15-5	K16-3	146A	
K15-6	K20-4	119L	
K15-7	TB5-9	100N	
K15-8	R14-1	151A	
K15-9	K20-7	102B	
K15-A	TB5-14	140C	
K15-B	TB5-10	100AH	

K16-2	K15-3	103A	
K16-3	K15-5	146A	
K16-4	J6-36	113F	
K16-6	S7-1	142A	
K16-7	J6-37	183B	
K16-8	J7-4	143B	
K16-9	K12-2	144A	
K16-A	TB5-1	119G	
K16-B	S14-1	138A	
K18-1	P6-23	139B	
K18-2	TB4-8	100M	
K18-3	HTR4-1	116A	
K18-3	HTR3-1	116B	
K18-4	L4-1	109C	
K18-4	K2-A1	109E	
K19-5	P4-2	124A	
K19-8	TB5-15	115F	
K19-A	TB5-11	137D	
K19-B	TB5-21	101B	
K1-A1	S8-L1	001B	
K1-A1	P6-18	001C	
K1-A2	TB2-L1	121A	
K1-B1	S8-L2	002B	
K1-B1	P6-17	002E	
K1-B2	TB2-L2	122A	
K1-C1	S8-L3	003B	
K1-C1	TB4-2	003F	
K1-C2	TB2-L3	123A	
K1-X	P6-29	150B	
K1-Y	P6-35	152D	
K20-4	TB5-1	119H	
K20-4	K15-6	119L	
K20-5	P4-1	127A	
K20-6	TB5-19	150D	
K20-7	K20-A	102A	
K20-7	K15-9	102B	
K20-8	J7-5	126B	
K20-8	J3-a	126C	
K20-9	TB5-2	119A	
K20-A	K20-7	102A	
K20-B	TB5-10	100AZ	
K2-A1	K18-4	109E	
K2-A1	P6-21	109F	
K2-A1	P6-22	109L	
K2-A2	TB4-6	113A	
K2-X1	P6-20	114B	
K2-X1	S10-1	114C	
K2-X2	TB4-9	100J	
K4-1	TB5-3	006N	
K4-1	A7 (L)	006P	

K4-2	TB5-6	003J	
K4-7	P4-9	153A	
K4-8	TB5-15	115B	
K4-8	K8-6	115D	
K8-1	J6-1	164B	
K8-1	R10-1	164C	
K8-10	K8-6	115C	
K8-11	K8-8	148A	
K8-12	J6-30	149B	
K8-12	DS7-2	149C	
K8-2	J6-2	165B	
K8-2	R11-1	165C	
K8-3	J6-3	166B	
K8-3	R12-1	166C	
K8-4	J6-11	167D	
K8-4	S6-2	167G	
K8-5	P4-18	173A	
K8-6	K8-10	115C	
K8-6	K4-8	115D	
K8-7	S5-3	147A	
K8-7	S7-5	147B	
K8-8	K8-11	148A	
K8-8	S7-6	148B	
K8-9	P4-11	174A	
L4 (+)	TB4-6	113B	
L4-1	BT1 (+)	109A	
L4-1	SR1 (+)	109B	
L4-1	K18-4	109C	
L5-GROUND	P14-3	BLACK	
L5-HOLD	P14-1	RED	
L5-PULL	P14-2	WHITE	
M1 (-)	S6-15	172A	
M1 (+)	S6-30	171A	
M2 (-)	A7 (-)	155A	
M2 (+)	A7 (+)	154A	
M3 (-)	TB6-2	100R	
M3 (+)	TB5-19	150A	
M4 (-)	MT4-3	158A	
M4 (+)	MT4-2	159A	
M5-G	M6-G	100AR	
M5-I	TB6-4	137F	
M5-I	M6-I	137H	
M5-S	J7-1	128B	
M6-G	M7-G	100AP	
M6-G	M5-G	100AR	
M6-I	M5-I	137H	
M6-I	M7-I	137J	
M6-S	J7-2	129B	
M7-G	TB6-2	100AN	
M7-G	M6-G	100AP	

M7-I	M6-I	137J	
M7-S	J7-3	130B	
M8-1	J6-7	162A	
M8-2	S6-26	163A	
MPU-1	P7-12	132A	
MPU-2	P7-13	131A	
MT4-1	CR1-2(+)	112A	
MT4-1	FU1-1	112B	
MT4-2	M4 (+)	159A	
MT4-3	M4 (-)	158A	
MT4-4	J6-21	109J	
MT4-4	J6-22	109K	
MT5-1	P7-1	128A	
MT5-GND	TB4-8	100S	
MT6-1	P7-2	129A	
MT7-1	P7-3	130A	
OP-C	P7-4	143C	
OP-NC	P7-5	126A	
P14-1	L5-HOLD	RED	
P14-2	L5-PULL	WHITE	
P14-3	L5-C	BLACK	
P4-1	K20-5	127A	
P4-11	K8-9	174A	
P4-12	TB5-9	100AD	
P4-13	S7-8	181A	
P4-14	TB5-11	137M	
P4-15	TB5-11	137B	
P4-18	K8-5	173A	
P4-2	K19-5	124A	
P4-3	K12-9	134A	
P4-4	S1-4	136C	
P4-5	TB5-9	100AC	
P4-8	J7-11	141B	
P4-9	K4-7	153A	
P5-1	G1-F1	104A	
P5-2	G1-F2	105A	
P5-3	G1-Q1	106A	
P5-4	G1-Q2	107A	
P6-1	CT1-A1	164A	
P6-10	S8-46	177B	
P6-11	TB4-1	167C	
P6-12	S8-43	176C	
P6-13	TB4-5	006H	
P6-14	TB4-4	006G	
P6-15	TB4-2	003C	
P6-16	TB4-3	003D	
P6-17	K1-B1	002E	
P6-18	K1-A1	001C	
P6-19	TB4-6	113C	
P6-2	CT2-B1	165A	

P6-20	K2-X1	114B	
P6-21	K2-A1	109F	
P6-22	K2-A1	109L	
P6-23	K18-1	139B	
P6-27	G2 (+)	180C	
P6-28	G2 (+)	180D	
P6-29	K1-X	150B	
P6-3	CT3-C1	166A	
P6-30	K1-11	149A	
P6-31	TB4-9	100T	
P6-32	S8-14	179B	
P6-33	S10-2	120A	
P6-34	G2 EXC	137T	
P6-35	K1-Y	152D	
P6-36	TB4-6	113E	
P6-37	J14-2	183A	
P6-4	CT3-C2	168A	
P6-5	CT2-B2	169A	
P6-6	CT1-A2	170A	
P6-7	S8-44	162B	
P6-8	S8-45	160B	
P6-9	S8-47	175B	
P7-1	MT5-1	128A	
P7-10	TB4-14	115G	
P7-11	HT-NO	141A	
P7-12	MPU-1	132A	
P7-13	MPU-2	131A	
P7-14	S10-3	133A	
P7-15	B1 (+)	178A	
P7-2	MT6-1	129A	
P7-3	MT7-1	130A	
P7-4	OP-C	143C	
P7-5	OP-NC	126A	
P7-6	TB4-12	119C	
P7-7	TB4-13	117C	
P7-8	J15-2	118A	
P7-9	J15-3	101A	
R10-1	K8-1	164C	
R10-2	S6-6	167E	
R10-2	R11-2	WHITE JUMPER	
R11-1	K8-2	165C	
R11-2	R12-2	WHITE JUMPER	
R12-1	K8-3	166C	
R12-1	R13-1	166D	
R13-1	R12-1	166D	
R13-2	J6-32	179A	
R14-1	K15-8	151A	
R14-2	CR2-2 (+)	WHITE JUMPER	
R15-1	TB5-12	137E	
R15-2	TB6-6	111C	

R1-C	R1-R	157A	
R1-L	A1-1	156A	
R1-R	R1-C	157A	
R1-R	A1-2	157B	
S10-1	K2-X1	114C	
S10-2	P6-33	120A	
S10-3	P7-14	133A	
S1-1	J6-23	139C	
S1-2	CB1-1	136D	
S1-3	TB6-4	137N	
S1-4	P4-4	136C	
S14-1	K16-B	138A	
S14-3	J7-12	132B	
S14-6	J7-13	131B	
S14-7	TB5-12	137K	
S14-8	TB5-8	100K	
S1-5	J7-8	118B	
S1-6	S2-2	136B	
S1-7	TB5-14	140A	
S17-1	J7-14	133B	
S17-2	CB1-2	135A	
S1-8	J3-U	136A	
S2-2	S1-6	136B	
S2-3	TB6-3	161A	
S5-3	K8-7	147A	
S5-5	TB5-16	152B	
S5-6	TB5-7	100AU	
S6-1	J6-6	170B	
S6-10	S6-27	167F	
S6-12	S6-25	176B	
S6-13	J6-10	177A	
S6-14	TB5-6	003M	
S6-15	M1 (-)	172A	
S6-18	TB5-23	001E	
S6-2	K8-4	167G	
S6-20	TB5-24	002F	
S6-24	TB5-4	006S	
S6-25	S6-12	176B	
S6-26	M8-2	163A	
S6-27	S6-10	167F	
S6-29	J6-8	160A	
S6-30	M1 (+)	171A	
S6-31	J6-9	175A	
S6-4	J6-12	176A	
S6-5	J6-5	169B	
S6-6	R10-2	167E	
S6-9	J6-4	168B	
S7-1	K16-6	142A	
S7-11	DS6-2	182A	
S7-12	TB6-5	100AX	

S7-2	TB5-20	114A	
S7-5	K8-7	147B	
S7-6	K8-8	148B	
S7-7	TB5-13	145B	
S7-8	P4-13	181A	
S8-13	TB4-1	167B	
S8-14	P6-32	179B	
S8-2	TB3-2	002A	
S8-20	TB3-6	006A	
S8-22	TB3-7	007A	
S8-26	TB3-12	012A	
S8-3	TB3-8	008A	
S8-32	TB3-5	005A	
S8-36	TB3-11	011A	
S8-38	TB3-9	009A	
S8-41	TB4-1	167A	
S8-43	P6-12	176C	
S8-44	P6-7	162B	
S8-45	P6-8	160B	
S8-46	P6-10	177B	
S8-47	P6-9	175B	
S8-8	TB3-10	010A	
S8-9	TB3-4	004A	
S8-L1	TB3-1	001A	
S8-L1	K1-A1	001B	
S8-L2	K1-B1	002B	
S8-L3	TB3-3	003A	
S8-L3	K1-C1	003B	
S8-LO	TB2-LO	006B	
S8-LO	TB4-4	006D	
SR1 (-)	B1-GND	100B	
SR1 (+)	L4-1	109B	
TB2-GND	B1 (-)	100E	
TB2-L1	K1-A2	121A	
TB2-L2	K1-B2	122A	
TB2-L3	K1-C2	123A	
TB2-LO	S8-LO	006B	
TB3-1	S8-L1	001A	
TB3-10	S8-8	010A	
TB3-11	S8-36	011A	
TB3-12	S8-26	012A	
TB3-2	S8-2	002A	
TB3-3	S8-L3	003A	
TB3-4	S8-9	004A	
TB3-5	S8-32	005A	
TB3-6	S8-20	006A	
TB3-7	S8-22	007A	
TB3-8	S8-3	008A	
TB3-9	S8-38	009A	
TB4-1	S8-41	167A	

TB4-1	S8-13	167B	
TB4-1	P6-11	167C	
TB4-10	J13-2	100AS	
TB4-10	J14-3	100D	
TB4-10	J11-2	100AJ	
TB4-12	J14-1	119B	
TB4-12	P7-6	119C	
TB4-12	J13-1	119D	
TB4-13	J11-1	117A	
TB4-13	J15-1	117B	
TB4-13	P7-7	117C	
TB4-14	P7-10	115G	
TB4-14	HT-C	115J	
TB4-2	P6-15	003C	
TB4-2	K1-C1	003F	
TB4-3	P6-16	003D	
TB4-4	S8-LO	006D	
TB4-4	P6-14	006G	
TB4-5	P6-13	006H	
TB4-6	K2-A2	113A	
TB4-6	L4 (+)	113B	
TB4-6	P6-19	113C	
TB4-6	P6-36	113E	
TB4-8	B1 (-)	100F	
TB4-8	K18-2	100M	
TB4-8	MT5-GND	100S	
TB4-8	K1-12	100U	
TB4-9	J15-4	100AM	
TB4-9	CP-GND	100G	
TB4-9	K2-X2	100J	
TB4-9	P6-31	100T	
TB5-1	K12-1	119F	
TB5-1	K16-A	119G	
TB5-1	K20-4	119H	
TB5-10	K15-B	100AH	
TB5-10	V5-2	100AK	
TB5-10	K20-B	100AZ	
TB5-10	DS6-3	100P	
TB5-11	TB6-4	137A	
TB5-11	P4-15	137B	
TB5-12	K12-7	137C	
TB5-11	K19-A	137D	
TB5-12	R15-1	137E	
TB5-12	S14-7	137K	
TB5-11	P4-14	137M	
TB5-12	J6-34	137S	
TB5-13	K12-A	145A	
TB5-13	S7-7	145B	
TB5-13	K12-4	145C	
TB5-14	S1-7	140A	

TB5-14	K12-8	140B	
TB5-14	K15-A	140C	
TB5-14	J3-P	140D	
TB5-15	K12-3	115A	
TB5-15	K4-8	115B	
TB5-15	K19-8	115F	
TB5-15	J7-10	115M	
TB5-16	S5-5	152B	
TB5-16	J6-35	152C	
TB5-17	J5-1	104B	
TB5-17	A1-6 (F+)	104C	
TB5-17	CR2-2 (-)	104D	
TB5-17	J3-F	104E	
TB5-18	J5-2	105B	
TB5-18	A1-5 (F-)	105C	
TB5-18	K15-4	105D	
TB5-18	J3-J	105E	
TB5-19	M3 (+)	150A	
TB5-19	J3-V	150C	
TB5-19	K20-6	150D	
TB5-19	J6-29	150E	
TB5-2	K20-9	119A	
TB5-2	J7-6	119E	
TB5-2	J3-K	119J	
TB5-2	J3-b	119K	
TB5-20	S7-2	114A	
TB5-20	J3-T	114E	
TB5-20	J6-20	114F	
TB5-21	K19-B	101B	
TB5-21	J7-9	101C	
TB5-21	J3-Z	101D	
TB5-23	J6-18	001D	
TB5-23	S6-18	001E	
TB5-24	J6-17	002C	
TB5-24	S6-20	002F	
TB5-3	J6-13	006J	
TB5-3	A1-3	006M	
TB5-3	K4-1	006N	
TB5-4	J6-14	006K	
TB5-4	S6-24	006S	
TB5-5	J6-16	003G	
TB5-5	J6-15	003S	
TB5-6	A1-4	003H	
TB5-6	K4-2	003J	
TB5-6	A7 (L)	003L	
TB5-6	S6-14	003M	
TB5-7	A1-GND	100AF	
TB5-7	J1-1 (GRD)	100AL	
TB5-7	S5-6	100AU	
TB5-7	K12-B	100Y	

TB5-8	J3-D	100AB	
TB5-8	J6-31	100C	
TB5-9	TB6-1	100H	
TB5-8	S14-8	100K	
TB5-8	J3-B	100Z	
TB5-9	P4-5	100AC	
TB5-9	P4-12	100AD	
TB5-9	K15-7	100N	
TB6-1	TB5-9	100H	
TB6-1	CP GND	100L	
TB6-1	DS3-2	100V	
TB6-1	DS2-2	100W	
TB6-2	M7-G	100AN	
TB6-2	DS7-3	100AT	
TB6-2	M3 (-)	100R	
TB6-2	DS1-2	100X	
TB6-3	S2-3	161A	
TB6-3	DS1-1	161B	
TB6-3	DS2-1	161C	
TB6-3	DS3-1	161D	
TB6-4	TB5-11	137A	
TB6-4	M5-I	137F	
TB6-4	S1-3	137N	
TB6-4	J3-R	137U	
TB6-5	CP GND	100AW	
TB6-5	S7-12	100AX	
TB6-6	DS7-1	111A	
TB6-6	DS6-1	111B	
TB6-6	R15-2	111C	
V5-1	CB1-1	136G	
V5-2	TB5-10	100AK	