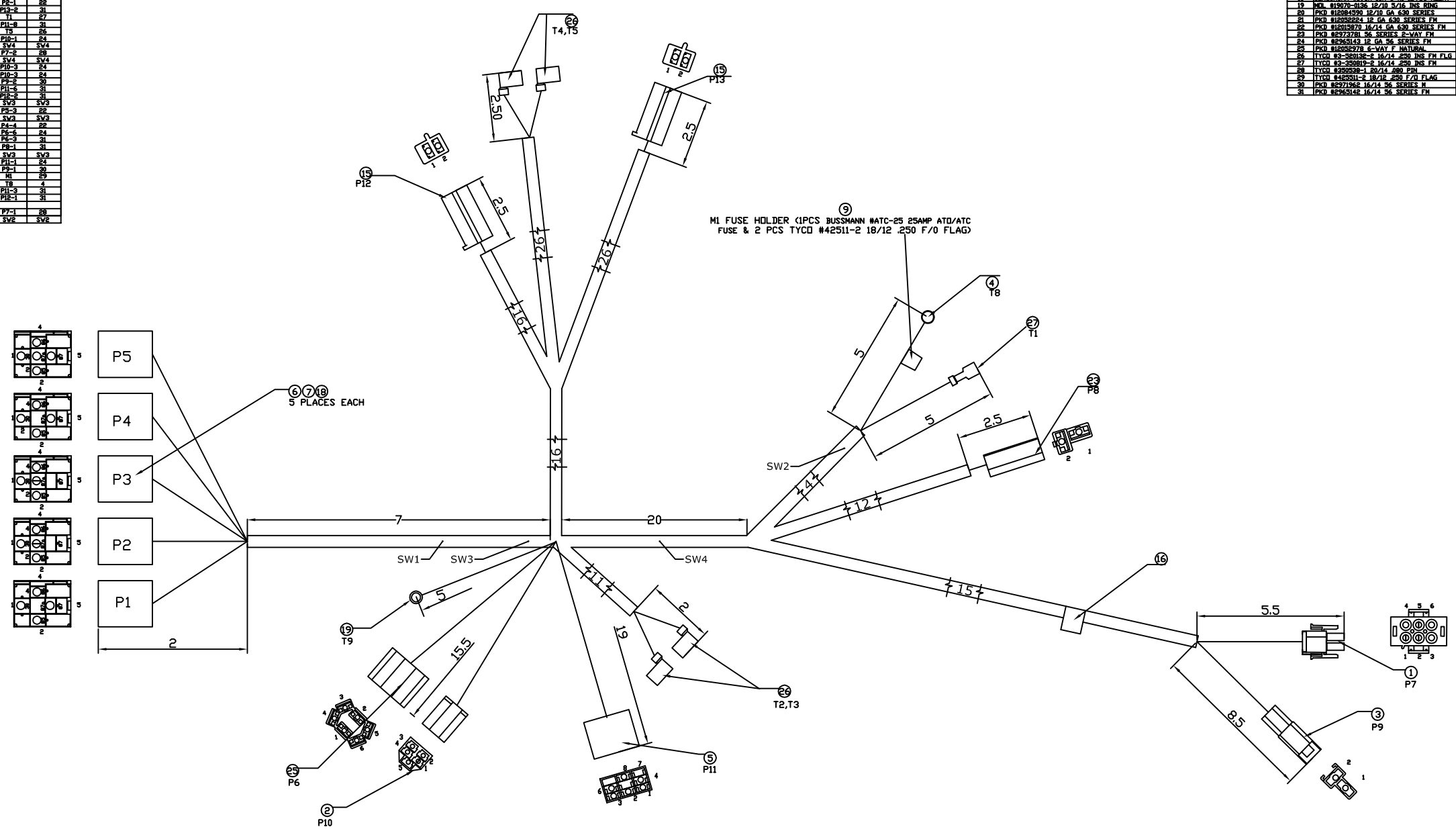
WIRE LIST						
			FROM		TO	
CIRCUIT	GAUGE	COLOR	LOCATION	TERMINAL	LOCATION	TERMINAL
1	16 GA	YELLOW	P1-1	21	P5-2	22
2	16 GA	YELLOW	P1-1	21	T9	26
3						
4	16 GA	YELLOW	SV1	SV1	P7-3	28
5	16 GA	YELLOW	SV1	SV1	P11-4	31
6	16 GA	YELLOW	SV1	SV1	T4	26
7	16 GA	YELLOW	P5-2	22	SV1	SV1
8	14 GA	YELLOW	P4-1	22	P4-2	20
9	14 GA	YELLOW	P4-2	20	SV1	SV1
10	14 GA	YELLOW	P4-3	22	P4-3	24
11	14 GA	YELLOW	P4-3	24	P4-4	31
12	14 GA	YELLOW	P5-3	22	SV2	SV2
13	14 GA	YELLOW	P4-2	31	P8-2	31
14	12 GA	YELLOW	SV1	SV1	P10-2	31
15	16 GA	WHITE	P1-2	22	P11-2	31
16	16 GA	WHITE	P1-4	21	P2-1	22
17	16 GA	WHITE	P1-4	21	P13-2	31
18	16 GA	WHITE	P1-5	22	T1	27
19	16 GA	WHITE	P10-3	31	P11-6	31
20	16 GA	WHITE	T2	26	T5	26
21	16 GA	BLK/WHT	P8-3	22	P10-1	24
22	16 GA	BLK/WHT	P10-1	24	SV4	SV4
23	16 GA	BLK/WHT	SV4	SV4	P7-2	28
24	16 GA	BLK/WHT	P3-3	22	SV4	SV4
25	16 GA	BLACK	P2-4	22	P10-3	24
26	16 GA	BLACK	SV3	SV3	P10-3	24
27	16 GA	BLACK	SV3	SV3	P2-2	30
28	16 GA	BLACK	SV3	SV3	P11-5	31
29	16 GA	BLACK	SV3	SV3	P13-2	31
30	16 GA	BLACK	P5-4	21	SV3	SV3
31	16 GA	BLACK	P5-4	21	P5-3	22
32	16 GA	BLACK	P13-1	31	SV3	SV3
33	16 GA	BLACK	SV3	SV3	P4-4	22
34	14 GA	BLACK	SV3	SV3	P6-5	24
35	14 GA	BLACK	P6-5	24	P6-3	31
36	14 GA	BLACK	P6-1	31	P8-1	31
37	12 GA	BLACK	T9	19	SV3	SV3
38	16 GA	ORANGE	P3-4	22	P11-1	24
39	16 GA	ORANGE	P11-1	24	P9-1	30
40	14 GA	ORANGE	SV2	SV2	M1	29
40A	14 GA	ORANGE	M1	29	T8	4
41	16 GA	BROWN	P3-1	22	P11-3	31
42	16 GA	BLUE	P3-2	22	P11-1	31
44	14 GA	YEL/BLK	P8-1	22	P7-1	28
45	12 GA	RED	P10-4	31	SV2	SV2

CIRCUIT	DESCRIPTION	U/M	QTY	VENDOR
1	TYCO # 1-480704-0	EA	1.000	CHINA
2	EQUIV PKGM #9723482 56 SER 3-WAY F	EA	1.000	CHINA
3	EQUIV PKGM #9646883 56 SER 3-WAY M	EA	1.000	CHINA
4	EQUIV MOL #19069-0023 16/14 3/8 RING	EA	1.000	CHINA
5	EQUIV DELTA SYSTEMS #972306 8-WAY	EA	1.000	CHINA
6	EQUIV PKG #12033871	EA	5.000	CHINA
7	EQUIV PKG #12033872	EA	5.000	CHINA
8	.375" ID ALSX POLYOLEFIN BLK HS	EA	3.000	CHINA
9	#ATC-25 25 AMP ATO FUSE	EA	1.000	CHINA
10				
11				
12	.250" ID ALSX POLYOLEFIN BLK HS	IN	4.500	CHINA
13	ELECTRICAL TAPE	FT	3.000	CHINA
14	.028 #840 DENIER NYLON BRAID #00164	LB	.512	CHINA
15	EQUIV PKGM #9723072 56 SER 2-WAY FM	EA	2.000	CHINA
16	EQUIV ACTIVE STAR 12-VF .109" X 3.75	EA	1.000	CHINA
17	PVC MATERIAL P70V/75 DUROMETER, BLACK	LB	0.040	CHINA
18	SIEMENS/HAN #8966-1021-2-81-12VDC RELAY	EA	5.000	CHINA
19	MOL #19070-0136 12/10 3/16 INS RING	EA	1.000	USA
20	PKD #12084599 12/10 GA 630 SERIES	EA	2.000	USA
21	PKD #12052224 12 GA 630 SERIES FM	EA	6.000	USA
22	PKD #12015870 16/14 GA 630 SERIES FM	EA	17.000	USA
23	PKD #2973781 56 SERIES 2-WAY FM	EA	1.000	USA
24	PKD #2963143 12 GA 56 SERIES FM	EA	10.000	USA
25	PKD #12052978 6-WAY F NATURAL	EA	1.000	USA
26	TYCO #3-350136-2 16/14 .250 INS FM FLG	EA	4.000	USA
27	TYCO #3-350819-2 16/14 .250 INS FM	EA	1.000	USA
28	TYCO #3355338-1 20/14 .090 FM	EA	4.000	USA
29	TYCO #4425311-2 18/12 .250 F/O FLAG	EA	2.000	USA
30	PKD #2971968 16/14 56 SERIES M	EA	2.000	USA
31	PKD #2963142 16/14 56 SERIES FM	EA	18.000	USA



NOTES:
1. ALL WIRES PER SAE J1128 GXL. INSULATION COLOR AS INDICATED.
2. ALL DIMENSION ARE IN INCHES.
3. RELAY CONNECTORS MUST FIT 1/4" BOLT.
4. [ ] - BRAIDING
5. ALL LENGTHS ARE FROM THE END OF THE CONNECTOR OR O OF THE RING TO BREAKOUT.

PCA DWG REV	CHANGES	ENG APPR	QUAL APPR	VENDOR APPR	DATE	BY
A	RELEASED	KS			5/04/07	LW
B	CIRCUITS 40 AND 40A ARE CHGD FROM 16 GA TO 14 GA.	PL			5/23/07	KS
C	ADDED PCA DWG# AND PCA/PN	KS			7/16/07	PL

PCA LLC PRECISION CABLE ASSEMBLIES
BROOKFIELD, WISCONSIN

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ARE :
DECIMALS: ±.500
ANGLES: ±5°

TITLE: WIRE HARNESS

CUSTOMER	CUST. P/N	CUST. REV
BAD BOY	086-3050-00	N/A

DRAWN BY:	DATE:	PCA DWG#	PCA P/N	PCA DWG REV
LW	5/04/07	P-6301-FG-DWG	P-6301-FG	C

CKD BY:	DATE:	APPLICABLE SPECIFICATIONS:
PL	5/04/07	