



				PARTS IDENTIFICATION				
				#	QTY	DESCRIPTION	# MANARAS	REV
165	13	SELF TAPPING 6-32UNC X 3/8	SCREW094	.	.	RIGHT HAND SIDE FRAME	FRAME037	14
166	4	SELF TAPPING 6-32UNC X 5/8	SCREW095	.	.	LEFT HAND SIDE FRAME	FRAME038	14
167	2	SELF TAPPING 6-32UNC X 7/8	SCREW096	.	1	CONTROL BOX	CBOX025	33
169	3	FLAT WASHER .188 X .438 X .049	WASHER002	.	2	COVER	COVER047	6
170	2	FLAT WASHER .250 X .562 X .049	WASHER003	.	3	LIMIT SHAFT	SHAFT103	E
171	7	FLAT WASHER .312 X .734 X .065	WASHER007	.	4	OUTPUT SHAFT	SHAFT102	E
172	3	FLAT WASHER .656 X 1.312 X .095	WASHER014	.	5	INPUT SHAFT	SHAFT104	F
173	1	FLAT WASHER 5/8 PRECISION THIN	WASHER018	.	6	CHAIN GUIDE	GUIDE014	.
174	7	LOCK WASHER 5/16	WASHER028	.	7	HAND CHAIN PULLEY	POCKETWHEEL005	.
175	7	BELLEVILLE WASHER 5/8	WASHER035	.	8	LIMIT SHAFT BUSHING	BUSHING055	A
176	1	FLAT WASHER .640 X 1.180 X .065	WASHER043	.	9	CAMPLATE	CAMPLATE015	E
177	2	TIE-WRAP 11.5" (for cap.) (NOT SHOWN)	CABLE023	.	10	LIMIT SWITCH LEVER	LEVER070	G
178	1	KEY 1/4 X 1	KW021	A	11	LIMIT CAM	CAM011	B
179	1	KEY 3/16 X 1/2	KW031	C	12	ROLLER	CAM012	.
180	2	SPRING PIN 1/4 X 1-3/4	PIN020	.	13	FRICITION BAND	SHOE011	.
181	1	SPRING PIN 5/16 X 2	PIN021	.	14	SIMPLE SHOE	SHOE009	E
182	1	SPRING	SPRING001	.	15	SWITCH SHOE	SHOE010	D
183	2	CAMPLATE SPRING	SPRING030	.	16	CAM DISCONNECT	CAM010	6
185	1	COVER SCREW CLIP	CLIP015	.	17	DISCONNECT SPRING	SPRING040	B
186	1	POP RIVET 1/8 - 3/8	RIVE003	.	18	COVER ARM	ARM025	C
187	1	L DUTY WARNING STICKER (not shown)	STICKER013	.	19	HEX NUT 8-32 UNC	NUT003	.
188	1	FLAT WASHER 1/8 X 3/8 X 1/32	WASHER056	.	21	LOCK WASHER # 10	WASHER025	.
189	1	HARNES (NOT SHOWN) 2A FUSE - TSTRIP	HARNES038	.	22	HEX NUT 10-32 UNF	NUT004	A
190	2	WASHER # 10	WASHER046	.	24	MOTOR FLATE	PLATE080	A
191	1	CAPACITOR	CAPACITOR024	.	25	FRAME SPACER	SPACER012	B
192	1	OLITE WASHER 5/8 X 1	WASHER057	.	26	DRIVEN PULLEY 5L X 7"	PULLEY021	5
193	1	STRAIN RELIEF .625	BUSHING058	.	27	CL PAD 5/8x4x0.1"	CLUTCHPAD005	.
194	1	FLAT WASHER 5/8	BEARING024	.	28	CLUTCH PLATE OPERA	CLUTCHPLATE006	C
					29	DOUBLE SPROCKET	SPR410B14A32X1	B
					30	DOUBLE SPROCKET	SPR0003	.
					31	DISCONNECT SPRING BUSHING	BUSHING056	B
					32	MOTOR	MOTOR260	.
					50	MOTOR PULLEY 5L X 2"	PULLEY014	A
					51	FLANGED BEARING 5/8	BEARING005	.
					52	COLLAR 5/8	COLLAR004	.
					53	"V" BELT B26	VBELTB26	.
					54	COLLAR 1"	COLLAR007	.
					55	FLANGED BEARING 1"	BEARING007	.
					56	32 TOOTH 410 SPROCKET	SPR410B32X1	.
					57	14 TOOTH 410 SPROCKET	SPR410B14X.75	.
					58	14 TOOTH 410 SPROCKET	SPR410B14X1	.
					59	9 TOOTH 410 SPROCKET	SPR410B9X.375	.
					62	CHAIN 410 48P (WITH CHAIN LINK)	CHAIN058	.
					63	SPACER	SPACER009	A
					64	SPACER	SPACER008	A
					65	COLLAR 3/4	COLLAR005	.
					66	COLLAR 3/8	COLLAR002	.
					67	HAND CHAIN (WITH HARDWARE)	CHAIN002	.
					68	CHAIN 410 32P (WITH CHAIN LINK)	CHAIN006	.
					100	RADIO CONTROL TERMINAL STRIP	TSTRIP005	.
					101	LIMIT SWITCH	LIMIT015	A
					102	TIE-WRAP ANCHORS	SUPPORT003	.
					103	GROUND LUG	CONNECTOR039	.
					104	TERMINAL STRIP	TSTRIP001	.
					105	RELAY 24V DPDT	RELAY024	.
					106	3 POLES RELAY 24V	RELAY039	.
					107	TRANSFO 120/240-24 40VA	TRANSF143	.
					149	CARRIAGE BOLT 5/16-18 X 1	BOLT098	.
					150	CARRIAGE BOLT 10-24 UNC X 3/4	BOLT056	.
					151	CARRIAGE BOLT 5/16-18UNC X 3/4	BOLT093	C
					152	CARRIAGE BOLT	BOLT094	.
					154	HEX NUT 5/16-18UNC	NUT007	.
					155	NYLON LOCK NUT 6-32UNC	NUT018	.
					156	NYLON LOCK NUT 10-32UNF	NUT019	.
					157	NYLON LOCK NUT 1/4-20UNC	NUT020	.
					158	LIMIT SHAFT LOCK NUT 5/8-187P	NUT013	.
					159	SET SCREW 1/4-20UNC X 5/16	SCREW001	.
					160	SET SCREW 5/16-18UNC X 5/16	SCREW003	.
					161	SELF TAPPING 10-24UNC X 3/4	SCREW023	.
					162	ROUND HD SCREW 6-32UNC X 1 5/8	SCREW097	.
					163	PHILLIPS SCREW 10-32UNC X 1/2	SCREW054	.
					164	SET SCREW 10-32UNC X 3/16	SCREW098	.

1	MOTOR HARNES (NOT SHOW)	C/W MOTOR	.
2	CABLE TIES PANDUIT PLTIM-M 4"(N.S)	CABLE009	.
1	TIE WRAP(f. mot. harness)(NOT SHOWN)	CABLE025	.
1	ATTENTION-CAUTION (NOT SHOWN)	STICKER045	.
1	ELECTRICAL DIAGRAM (NOT SHOW)		.
1	MADE IN CANADA (NOT SHOWN)	STICKER046	.
1	IDENTIFICATION (NOT SHOWN)	STICKER048	.
1	2 AMP. FUSE (NOT SHOWN)	STICKER003	.
1	VOLTAGE (NOT SHOWN)	STICKER035	.
1	1 TO 9 (NOT SHOWN)	STICKER034	.
1	BLK18AWG 5.75 .250-250 (not shown)	JUMPER020	.

THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO MANARAS / OPERA AND SHALL NOT BE REPRODUCED OR DISCLOSED OR USED FOR ANY DESIGN OR MANUFACTURE EXCEPT WHEN USER POSSESSES DIRECT WRITTEN AUTHORIZATION FROM MANARAS / OPERA.

OPERA-MH

DRAWN BY	DATE	DWG FILE	REV	DATE
CHRISTOPHE_WALRAVENS	2002.05.03	OPERA-MH-X	-	2006.06.07

MANARAS-OPERA
 136 ONEIDA DRIVE
 POINTE-CLAIRE, QC, H9R 1A8
 TEL: 1-800-361-2260
 FAX: 1-888-626-0606