



		PARTS IDENTIFICATION			
#	QTY	DESCRIPTION	# MANARAS	REV	
167	3	SET SCREW #10-24UNC	SCREW089	.	
168	2	FLAT WASHER .281 X .625 X .065	WASHER004	.	
169	2	WASHER 5/8	WASHER018	.	1
170	4	LOCK WASHER #6	WASHER023	.	2
171	4	LOCK WASHER #10	WASHER025	.	3
172	4	WASHER #10	WASHER046	.	4
173	1	WASHER 5/8	WASHER055	.	5
174	6	LIMIT SWITCH SPACER	SPACER001	.	6
175	4	1" COMPRESSION SPRING	SPRING001	.	7
176	1	BRAKE SPRING	SPRING026	.	8
177	1	TORQUE LIMITER SPRING	SPRING038	.	9
178	1	KEY 3/16 X 3/16 X 3/4	KW010	.	10
179	1	KEY 1/4 X 1/4 X 1	KW021	A	11
180	10	SELF TAPING SCREW 6-32X3/8	SCREW094	.	12
181	1	COTTER PIN 1/8 X 1 1/2	PIN001	.	13
182	1	SPRING PIN 3/16 X 1 1/2	PIN007	.	14
183	1	SPRING PIN 1/4 X 2	PIN011	.	15
184	1	SNAP RING	CLIP007	.	16
185	1	WINGNUT 1/4-20UNC	WINGNUT025	.	17
186	.	GEL CONTACT CEMENT (NOT SHOWN)	CHEMICAL012	.	18
187	2	BX TIE WRAPT (NOT SHOWN)	CABLE009	.	19
188	2	CAPACITOR TE WRAPT (NOT SHOWN)	CABLE023	.	20
189	3	TERMINAL (NOT SHOWN)	CONNECTOR011	.	21
190	1	FORK TERMINAL (NOT SHOWN)	CONNECTOR013	.	22
191	1	LITE DUTY BASIC HARNESS C/W 2A FUSE - TSTRIP (NOT SHOWN)	HARNESS029	.	23
192	1	KEY 3/16 X 3/16 X 1/2	KW031	A	24
193	2	EXTERNAL 3/4 RETAINING RING	CLIP006	.	25
194	1	L DUTY BRAKE HARNESS (NOT SHOWN)	HARNESS030	.	26
195	1	RED 18 AWG 4 1/2" (NOT SHOWN)	JUMPER019	.	52
196	1	2 AMP FUSE STICKER (NOT SHOWN)	STICKER003	.	53
197	1	1 TO 9 STICKER (NOT SHOWN)	STICKER034	.	54
198	1	L-N STICKER (NOT SHOWN)	STICKER035	.	55
199	1	RED 18AWG 4 1/2 - 2 X .25	JUMPER019	.	56
200	1	STD. STICKER CSA/UL (NOT SHOWN)	STICKER001	.	57
201	1	2 AMP FUSE STICKER (NOT SHOWN)	STICKER003	.	58
202	1	1 TO 9 STICKER	STICKER034	.	59
203	1	LN STICKER	STICKER035	.	60

61	2	COLLAR 1"	COLLAR007	.	
62	2	THRUST BEARING	BEARING033	.	
63	2	.625 BALL BEARING	BEARING005	.	
64	2	1" BALL BEARING	BEARING007	.	
65	1	OILITE BUSHING	BUSHING002	.	
66	2	BUSHING	BUSHING026	A	
67	1	BRASS BUSHING	BUSHING025	.	
69	1	BX CONNECTOR STRAIGHT 3/8	ADAPTER030	.	
70	12"	CABLE ARMOUR 7/16	BX001	.	
71	2	ANTI-SHORT BUSHING	ANTISHORT001	.	
72	1	V-BELT 4L260	VBELT	.	
73	2	OILITE BUSHING 5/8 X 3/4 X 5/8	BUSHING003	.	
100	1	TRANSFO 120-24 40VA	TRANSFO005	.	
101	1	BRAKE SOLENOID	SOLENOID001	.	
104	1	TERMINAL STRIP	TSTRIP001	.	
105	1	RADIO CONTROL TERMINAL STRIP	TSTRIP005	.	
106	1	4 POLE RELAY	RELAY043	.	
107	1	3 POLE RELAY	RELAY039	.	
108	4	LIMIT SWITCH	LIMIT015	A	
109	1	LIMIT SWITCH	LIMIT016	.	
110	1	GROUND LUG	CONNECTOR039	.	
111	1	CAPACITOR	CAPACITOR024	.	
150	1	HEX BOLT 1/4-20UNC X 1	BOLT004	.	
151	2	HEX BOLT 1/4-20UNC X 1 1/2	BOLT008	.	
152	4	HEX NUT 6-32UNC	NUT002	.	
153	4	HEX NUT 10-32UNF	NUT005	.	
154	2	JAM NUT 5/8-18UNF	NUT013	.	
155	6	LOCK NUT 6-32UNC	NUT018	.	
156	2	LOCK NUT 1/4-20UNC	NUT020	.	
157	5	SET SCREW 1/4-20UNC	SCREW001	.	
158	8	SET SCREW 5/16-18UNC	SCREW003	.	
161	2	SELF TAPING SCREW 6/32X5/8" F	SCREW095	.	
162	6	SELF TAPPING SCREW #8 X 3/8	SCREW021	.	
163	2	SOCKET CAP SCREW 1/4-20UNC X 1	SCREW027	.	
164	2	MACHINE SCREW 6-32UNC X 3/8	SCREW040	.	
165	4	SCREW #6-32UNC X 2.5	SCREW046	.	

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

FILE: MLH

DRAWN BY:	DATE:	CHK FILE:	REV:	DATE:
MARTINE_BEACHEMIN	1999.08.18	MLH-X	-	2005.02.18

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