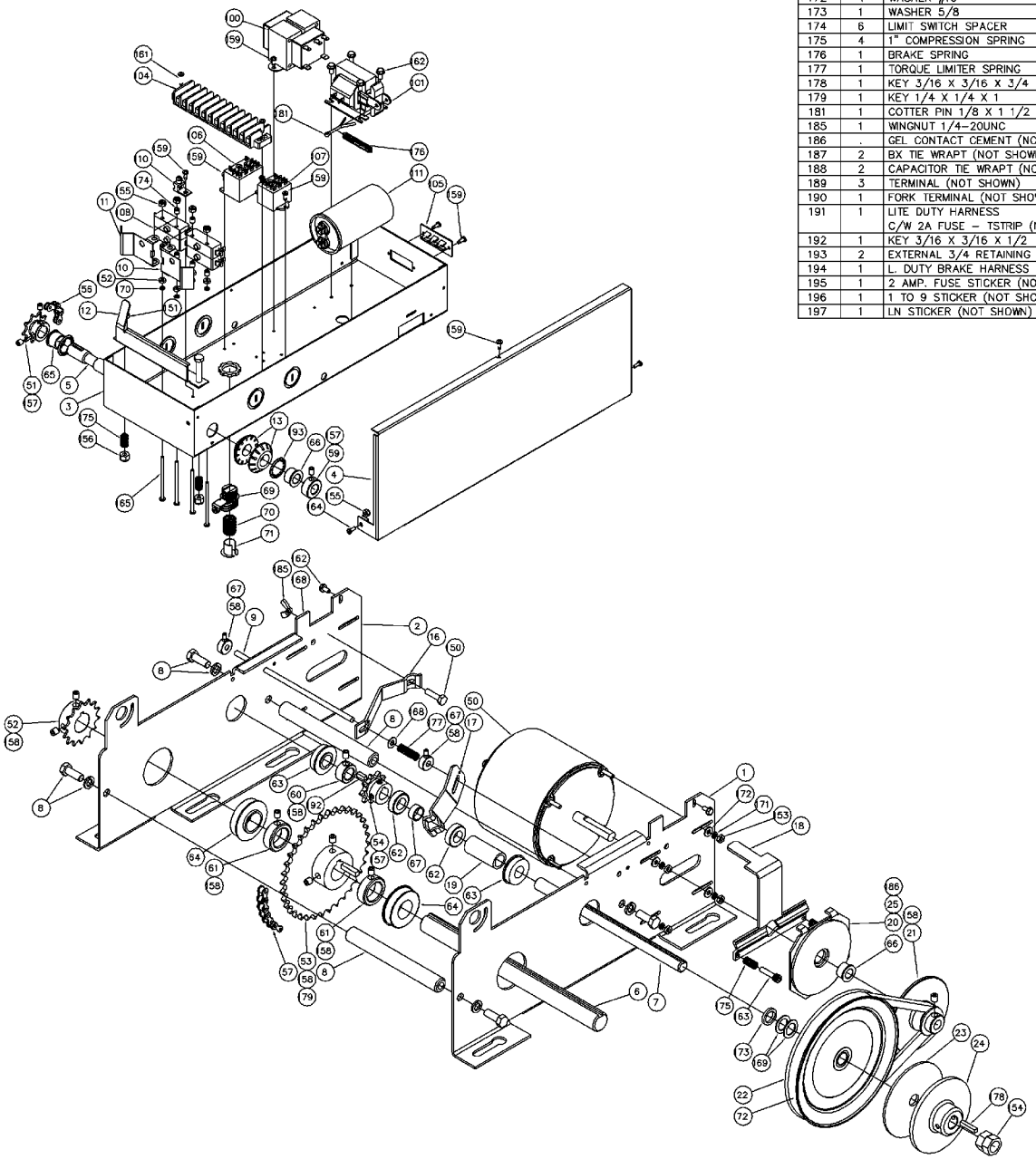

171	4	LOCK WASHER #10	WASHER025	.
172	4	WASHER #10	WASHER046	.
173	1	WASHER 5/8	WASHER055	.
174	6	LIMIT SWITCH SPACER	SPACER001	.
175	4	1" COMPRESSION SPRING	SPRING001	.
176	1	BRAKE SPRING	SPRING026	.
177	1	TORQUE LIMITER SPRING	SPRING038	.
178	1	KEY 3/16 X 3/16 X 3/4	KW010	.
179	1	KEY 1/4 X 1/4 X 1	KW021	A
181	1	COTTER PIN 1/8 X 1 1/2	PIN001	.
185	1	WINGNUT 1/4-20UNC	WINGNUT025	.
186	.	GEL CONTACT CEMENT (NOT SHOWN)	CHEMICAL012	.
187	2	BX TIE WRAPT (NOT SHOWN)	CABLE009	.
188	2	CAPACITOR TIE WRAPT (NOT SHOWN)	CABLE023	.
189	3	TERMINAL (NOT SHOWN)	CONNECTOR011	.
190	1	FORK TERMINAL (NOT SHOWN)	CONNECTOR013	.
191	1	LITE DUTY HARNESS C/W 2A FUSE - TSTRIP (NOT SHOWN)	HARNESS029	.
192	1	KEY 3/16 X 3/16 X 1/2	KW031	A
193	2	EXTERNAL 3/4 RETAINING RING	CLIP006	.
194	1	L. DUTY BRAKE HARNESS (NOT SHOWN)	HARNESS030	.
195	1	2 AMP. FUSE STICKER (NOT SHOWN)	STICKER003	.
196	1	1 TO 9 STICKER (NOT SHOWN)	STICKER034	.
197	1	LN STICKER (NOT SHOWN)	STICKER035	.

PARTS IDENTIFICATION

#	QTY	DESCRIPTION	# MANARAS	REV
1	1	RIGHT HAND SIDE FRAME	FRAME033	G
2	1	LEFT HAND SIDE FRAME	FRAME034	G
3	1	CONTROL BOX	CBOX024	N
4	1	COVER	COVER046	E
5	1	LIMIT SHAFT	SHAFT072	C
6	1	OUTPUT SHAFT	SHAFT049	B
7	1	INTERMEDIATE SHAFT	SHAFT083	B
8	2	FRAME SPACER W/ BOLT AND WASHER	SHAFT100	E
9	1	ROD	ROD012	A
10	1	OPENED POSITION LIMIT SWITCH LEVER	BRACKET175	E
11	1	CLOSED POSITION LIMIT SWITCH LEVER	BRACKET176	E
12	1	CAMPLATE	CAMPLATE014	C
13	2	CAM	CAM005	C
16	1	TORQUE LIMITER ADJUSTMENT LEVER	LEVER044	B
17	1	TORQUE LIMITER LEVER	LEVER043	A
18	1	BRAKE LEVER	LEVER042	B
19	1	BALL BEARING SPACER	SPACER007	A
20	1	BRAKE PLATE	PLATE041	B
21	1	MOTOR PULLEY AND BRAKE DISC	PULLEY017	A
22	1	DRIVEN PULLEY	PULLEY020	C
23	1	TORQUE LIMITER FRICTION PAD	CLUTCHPAD001	B
24	1	TORQUE LIMITER DISC	CLUTCHPLATE004	B
25	1	BRAKE PAD	CLUTCHPAD002	.
50	1	MOTOR 1/2HP 110/120V.	MOTOR189	.
51	1	9 TOOTH 410 SPROCKET	SPR410B9X5/8	.
52	1	14 TOOTH 410 SPROCKET	SPR410B14X1	.
53	1	36 TOOTH 41 SPROCKET	SPR41B36X1	.
54	1	9 TOOTH 41 SPROCKET	SPR41B9X5/8	.
56	1	410-1R32P WITH CONNECTOR LINK	CHAIN006	.
57	1	41-1R50P WITH CONNECTOR LINK	CHAIN020	.
58	2	COLLAR 1/4	COLLAR001	B
59	1	COLLAR 1/2	COLLAR003	.
60	1	COLLAR 5/8	COLLAR004	.
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	.
100	1	TRANSFO 120/240-24 40VA	TRANSF143	.
101	1	BRAKE SOLENOID	SOLENOID001	.
104	1	TERMINAL STRIP (IN HARNESS)	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
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	.
159	6	SELF TAPING SCREW 6-32X3/8 F	SCREW094	.
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	.
167	2	SET SCREW #10-24UNC	SCREW089	.
168	2	FLAT WASHER .281 X .625 X .065	WASHER004	.
169	2	WASHER 5/8	WASHER018	.
170	4	LOCK WASHER #6	WASHER023	.

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.

TITLE: MLJ

DRAWN BY:	DATE:	CAD FILE:	REV	DATE:
MARTINE_BEAUCHEMIN	1999.09.09	MLJ-X	-	2005.05.20

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