



SERVICE PARTS LIST

BULLETIN NO.
55-40-6491

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
254mm MITER SAW			June '98
CATALOG NO. 6490-04	STARTING SERIAL NO. 799A	WIRING INSTRUCTION 58-03-1450	



EXAMPLE:
Component Parts (Small #) Are Included
When Ordering The Assembly (Large #).

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	02-80-0130	Needle Thrust Bearing	(1)
2	02-02-2040	7/16" Steel Ball	(1)
3	02-04-0845	Ball Bearing	(2)
4	02-04-1229	Ball Bearing	(1)
5	02-04-2040	Ball Bearing	(1)
6	06-42-2400	Woodruff Key	(1)
7	06-55-1525	1/4"-20 Hex Nut	(1)
8	06-55-1985	5/16"-18 Hex Nut	(1)
9	06-55-2710	7/16"-14 Hex Nut	(1)
10	45-88-0660	Washer	(1)
11	40-50-8620	Belleville Spring	(3)
12	28-41-1005	Rear Guard Assembly	(1)
13	45-04-0915	5/16-18 x 1-3/8" Pan Hd. T-30	(7)
14	06-82-5270	6-32 x 1/4" Pan Hd. Slit. Tapt. T-15	(1)
15	06-82-5314	10-24 x 1/2" Pan Hd. Slit. Tapt. T-25	(3)
16	06-82-5338	1/4-20 x 1/2" Pan Hd. Slit. Tapt. T-30	(3)
17	06-82-5411	10-24 x 5/8" Pan Hd. Slit. Tapt. T-25	(20)
18	06-82-7212	4-20 x 1/4" Pan Hd. Plastite T-10	(2)
19	06-82-7226	6-19 x 5/16" Pan Hd. Slit. Plast. T-15	(1)
20	06-82-7270	8-16 x 5/8" Pan Hd. Slit. Plast. T-20	(12)
21	06-82-7453	8-16 x 2-1/4" Pan Hd. Slit. Plast. T-20	(2)
22	06-82-9024	10-24 x 1-3/4" Pan Hd. Slit. Tapt. T-25	(4)
23	06-83-3150	5/16-18 x 1/2" Hex Socket	(2)
24	06-83-3100	5/16-18 x 1" Set Screw T-25	(1)
25	10-15-9460	Warning Label	(2)
26	12-20-0091	Service Nameplate Kit	(1)
27	16-74-0420	Armature	(1)
28	18-74-0420	Field	(1)
29	22-18-0397	Carbon Brush	(2)
30	22-20-0800	Brush Tube	(2)
30A	22-20-0803	Brush Tube Assembly	(2)
31	22-64-4525	Cord Set	(1)
32	23-66-1810	Switch Assembly	(1)
33	25-20-1320	Upper Guard Cover	(1)
34	28-06-1081	Base	(1)
35	28-06-1036	Table	(1)
36	28-14-2214	Upper Guard Gear Case	(1)
37	28-35-0010	Fence	(1)
38	28-90-0212	Pivot Support	(1)
39	31-44-1725	Handle Half	(1)
40	31-50-1010	Motor Housing	(1)
41	32-75-3350	Gear	(1)
42	34-40-1375	1-1/4" O-Ring	(1)
43	34-60-2560	Retaining Ring	(1)
44	38-50-5840	Spindle	(1)
45	40-50-8040	Spring	(1)
46	40-50-8160	Coil Spring	(2)
47	40-50-8170	Locking Spring	(1)
48	40-50-8180	Spring	(1)
49	40-50-8190	Retaining Spring	(2)
50	40-50-8700	Leaf Spring	(1)
51	42-12-0160	Axle	(1)
52	42-14-0350	Baffle	(1)
53	42-14-0355	Baffle	(1)
54	42-50-0270	Cam	(1)
55	42-92-0890	End Cover	(1)
56	05-78-0571	Cord Clamp Screw	(2)
57	42-96-0130	Bearing Cup	(1)
58A	43-34-0725	Inner Blade Flange	(1)
58B	43-34-0726	Outer Blade Flange	(1)
59	43-54-0705	Lower Guard	(1)
60	43-54-0700	Blade Screw Guard	(1)
61	43-62-1050	Locking Handle	(1)
62	43-72-0180	Spring Holder	(2)
63	31-17-0190	Cord Clamp	(1)
64	44-10-0310	Locking Lever	(1)
65	05-89-0045	Switch Screw	(4)
66	42-42-0470	Lock Release Lever	(1)
67	44-20-0260	Detent Lock	(1)
68	40-50-8615	Button Spring	(1)
69	44-60-1300	Lock Pin	(1)
70	44-66-5920	Locking Plate	(1)
71	44-66-5930	Kerf Plate	(1)
72	44-66-5945	Detent Lever Plate	(1)
73	44-72-0010	Pointer	(1)

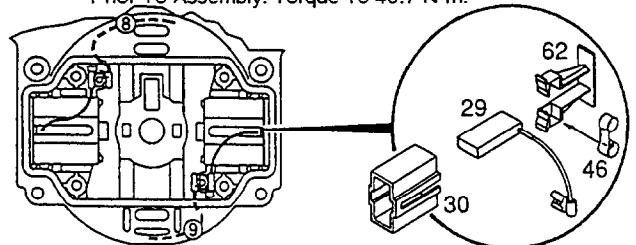
FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
74	44-76-0210	Cord Protector	(1)
75	49-96-6205	Box Wrench	(1)
76	44-96-0130	Roller	(1)
77	45-04-0850	Shoulder Screw	(1)
77A	45-04-0850	Shoulder Screw	(1)
78	05-76-0860	Blade Screw	(1)
79	45-08-0330	Table Shaft	(1)
80	45-60-0530	Spring Support	(1)
81	45-76-0331	Dust Tube	(1)
82	45-88-8540	Washer	(2)
83	06-75-2000	8-32 x 3/8" Socket Head Screw	(1)
84	22-84-0850	Fan	(1)
85	23-74-1150	Terminal	(2)
86	06-82-7271	6-19 x 7/8" Plastite T-15	(1)
87	45-88-0603	Lock Plate Washer	(1)
88	44-66-6075	Lock Plate	(1)
89	02-04-0910	Bearing	(1)
90	42-96-0135	Bearing Cup	(1)
93	42-70-5141	Blade Wrench Clip	(1)
110	22-33-0455	Suppressor	(1)

FIG. LUBRICATION

- 82 Apply A Thin Coat Of "L" Grease, No. 49-08-4170 To Both Sides Of Washers.
- 34,79 Apply 3.5 g Of "L" Grease, No.49-08-4170, Under The Head Of The Table Shaft. Apply A Thin Film Of "L" Grease To The O.D. Of The Table Shaft And To The I.D. Of The Center Bore Of The Base, Prior To Assembly.
- 36,51 Apply 1.7 g Type "L" Grease, No. 49-08-4170, To The (2) 3.2mm Wide Grooves Of Axle. Also Apply A Thin Film To The O.D. Of Axle (Not Between The (2) Locating Grooves), And To The I.D. Of The (2) Pivoting Hubs Of The Upper Guard / Gear Case Prior To Assembly.
- 33,51 Apply A Dab Of Type "L" Grease, No. 49-08-4170, To The Cover End Of Axle, Prior To Assembly Of Upper Guard Cover.
- 36 Place 14 g Type "R" Grease, No. 49-08-0200, In The Pinion Pocket Of Upper Guard / Gear Case.

FIG. NOTES:

- 16,54 When Assembling Cam With Screws, Lightly Insert Lower Screw First And Then Pivot Cam Counterclockwise About Lower Screw Until It Bottoms Out On The Rib Of The Gear Case, Then Insert The Upper Screw And Tighten Both The Upper And Lower Screws To 6.8 To 8.5 N-m.
- 23,33 Tighten 5/16" Set Screws Only After Assembly Of Upper Guard Cover. Loosen Set Screws Before Disassembly Of Upper Guard Cover.
- 43 Assemble Retaining Ring With The Concave Bow Of The Ring Toward The Gear.
- 27,40,57 Place Bearing Cup Into Motor Housing Prior To Assembling Onto Armature.
- 49 Retaining Springs Relative Orientation To Be 180° Apart- Dimples To Engage Slots.
- 3 Ball Bearing (On The Commutator End Of Armature)-Seal Toward Commutator. Ball Bearing (On Fan End Of Armature)-Seal Toward Gear.
- 79 Apply Red Locking Sealant To Two Threads Of Table Shaft Prior To Assembly. Torque To 40.7 N-m.



- 46,62 Coil Spring Must Be Oriented In Spring Holder Such That The Saddle Of The Spring Is Facing The Open End Of The Spring Holder.
- 30,62 Spring Holder Must Be Oriented In Brush Tube Such That The Open End Of The Spring Cavity Is Facing The Shunt Slot In Brush Tube.

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