

FIG.	PART NO.	DESCRIPTION OF PART	NO.REQ.
1	02-02-0250	1/4" Ball	(2)
3	02-04-0852	Ball Bearing	(1)
4	02-04-0645	Ball Bearing	(1)
5	02-40-0050	Angular Contact Bearing	(1)
6	02-50-3250	Unit Cage Bearing	(3)
8 9	02-80-0200 02-80-3256	Thrust Bearing	(1) (1)
10	05-88-5988	Thrust Bearing K50 x 35mm Screw	
11	06-95-6290	M5 x 2.24 x 18 Plastite Screw	(4) (6)
12	12-20-9074	Service Nameplate Kit	(1)
13	16-10-2275	Armature	(1)
14	18-07-2275	Field	(1)
15	22-18-0040	Brush Assembly	(2)
16	22-20-0110	Brush Tube	(2)
17	22-20-0465	Brush Tube Holder	(2)
18	22-64-0676	Quik-Lok Cord Set	(1)
19	23-66-2775	Switch	(1)
22	28-14-0175	Gearcase	(1)
23	14-38-0100	Front Housing Assembly	(1)
24	31-15-2045	Field Connector	(1)
27	31-44-2176	Right Handle	(1)
28	31-44-2181	Left Handle	(1)
30	32-60-0150	Sun Gear	(1)
31	32-60-0175	Sun Gear	(1)
32	32-62-0200	Planet Gear	(3)
33	32-62-0215	Planet Gear	(5)
34	32-65-0005	Ring Gear	(1)
35	34-40-0070	O-Ring	(1)
38	34-40-1210	O-Ring	(1)
39 40	40-50-0241	Spring	(1)
43	14-73-0156 14-73-0300	Anvil Assembly Cam Shaft Assembly	(1) (1)
43	42-96-0015	Bearing Cup	(1)
47	44-90-4540	Friction Ring	(1)
48	22-56-0040	Blade Housing Assembly	(1)
49	44-82-0210	Ram	(1)
50	45-30-0025	Rubber Slug	(6)
51	45-88-0535	Washer	(3)
52	45-88-1575	Washer	(1)
53	45-88-3250	Washer	(1)
54	45-30-0021	Rubber Slug	(1)
55	43-44-0991	Gasket	(1)
56	22-84-0375	Fan	(1)
57	22-33-0550	Suppressor Assembly	(1)

NOTE: The service replacement anvil assembly #40 comes with a friction ring and o-ring on the front for the socket retaining system. Early tool designs used anvils that had a detent pin and detent spring to secure the sockets. The individual service parts are still available for the early design utilizing the detent pin (No. 44-60-1170) and detent spring (No. 40-50-8320).



O-Ring Friction -Ring

ANVIL ASSEMBLY with detent pin and spring

**ANVIL ASSEMBLY** with friction and o-ring

FIG.	NOTES
4	Orient h

- Orient bearing seal (black side) toward the commutator.
- 10 Torque to 37-42 in./lbs.
- 11 Torque to 20-25 in./lbs.
- 17 At the time of brush replacement, the tool should be relubricated with Type "J" grease, No. 49-08-4220.

## FIG. 23,34,42, 43,49

LUBRICATION (Type "J" Grease, No. 49-08-4220): Lightly coat with grease the Ring Gear (34) and the

bearing races of the Camshaft Planet Carrier (43), the back bearing surface of the Ram (49) and the I.D. the Front Housing Bushing (42).

- 7,40 Place a dab of grease in the Needle Bearing (7) inside the Anvil (40).
- Fill with grease the center of the five Planet Gears (33) 31,32,33,43 on the Camshaft Assembly (43). Fill the center of the three Planet Gears (32) on the Sun Gear (31).
  - 49 Place approximately 1/2 oz. of grease in the front cavity of the Ram.
  - 43 Place approximately 1/2 oz. grease on the Camshaft (43) inside the Spring (39).

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