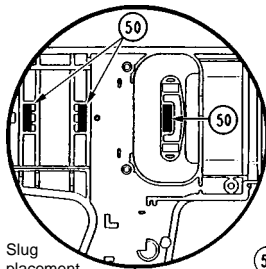




<b>SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS</b>		REVISED BULLETIN	DATE
<b>1/2" D.I. IMPACT WRENCH</b>			Oct. 2002
<b>CATALOG NO. CP8750</b>	<b>STARTING SERIAL NO. A31A</b>	<b>WIRING INSTRUCTION 58-01-1820</b>	



Slug placement is for both handle halves.

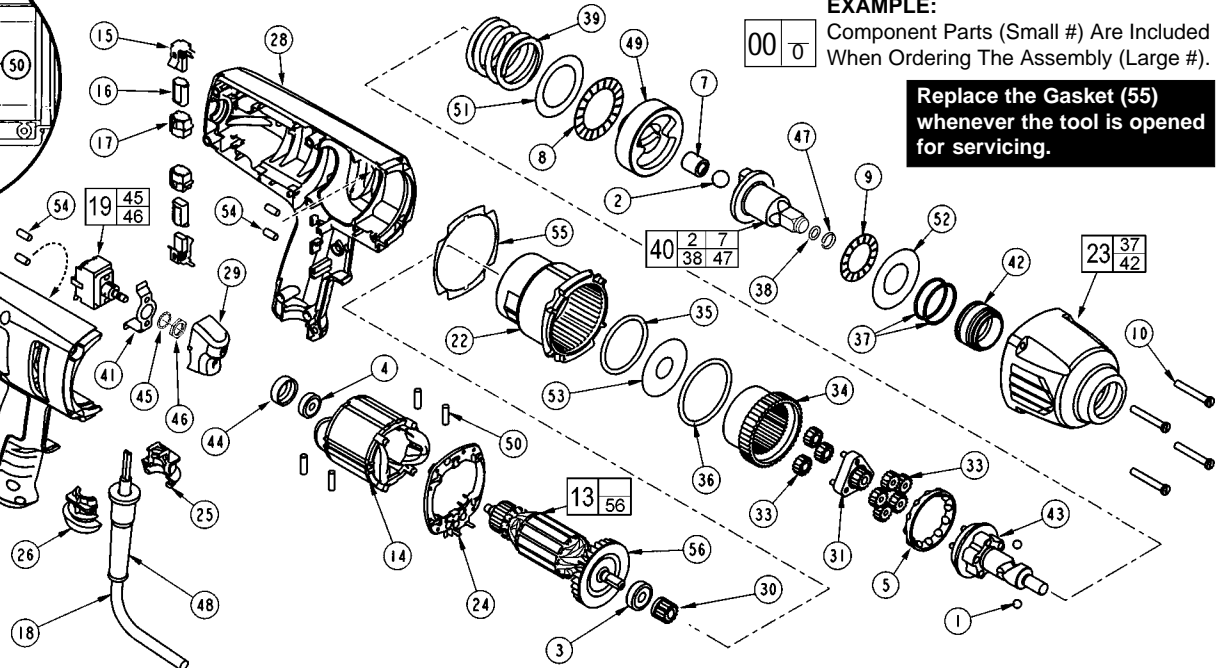


FIG.	PART NO.	DESCRIPTION OF PART	NO.REQ.
1	02-02-0250	1/4" Ball	(2)
2	-----	1/2" Ball	(1)
3	02-04-0852	Ball Bearing	(1)
4	02-04-0645	Ball Bearing	(1)
5	02-40-0050	Angular Contact Bearing	(1)
7	-----	Drawn Cup Bearing	(1)
8	02-80-0200	Thrust Bearing	(1)
9	02-80-3256	Thrust Bearing	(1)
10	05-88-5988	K50 x 35mm Screw	(4)
11	06-95-6290	M5 x 2.24 x 18 Plastite Screw	(6)
12	12-20-9081	Service Nameplate	(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	22-64-0970	Cord	(1)
19	23-66-1305	Switch	(1)
22	28-14-0175	Gearcase	(1)
23	14-38-0100	Front Housing Assembly	(1)
24	31-15-2045	Field Connector	(1)
25	31-17-0260	Cord Clamp	(1)
26	31-17-0270	Cord Clamp	(1)
27	31-44-2178	Right Handle	(1)
28	31-44-2183	Left Handle	(1)
29	31-92-0061	Rocker Trigger	(1)
30	32-60-0150	Sun Gear	(1)
31	32-60-0175	Sun Gear	(1)
33	32-62-0215	Planet Gear	(8)
34	32-65-0005	Ring Gear	(1)
35	34-40-0070	O-Ring	(1)
37	-----	O-Ring	(2)
38	34-40-0900	O-Ring	(1)
39	40-50-0241	Spring	(1)
40	14-73-0165	Anvil Assembly	(1)
41	42-36-0275	Switch Bracket	(1)
42	-----	Bushing	(1)
43	14-73-0300	Cam Shaft Assembly	(1)
44	42-96-0015	Bearing Cup	(1)
45	-----	Supplied with Switch	(1)
46	-----	Supplied with Switch	(1)
47	44-90-4530	Friction Ring	(1)

FIG.	PART NO.	DESCRIPTION OF PART	NO.REQ.
48	44-76-0210	Cord Protector	(1)
49	44-82-0205	Ram	(1)
50	45-30-0025	Rubber Slug	(6)
51	45-88-0535	Washer	(1)
52	45-88-1575	Washer	(1)
53	45-88-3250	Washer	(1)
55	43-44-0991	Gasket	(1)
56	22-84-0375	Fan	(1)

- FIG. NOTES:**
- 4 Orient bearing seal (black side) toward the commutator.
  - 10 Torque to 40-45 in./lbs.
  - 11 Torque to 20-25 in./lbs.
  - 16 At the time of brush replacement, the tool should be relubricated with Type "Z" Grease, No.49-08-7655.
  - FIG. LUBRICATION (Type "Z" Grease, No.49-08-7655):** 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).
  - 31,33,43 Fill with grease the center of the five Planet Gears (33) on the Camshaft Assembly (43). Fill the center of the three Planet Gears (33) 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).