

SERVICE PARTS LIST

BULLETIN NO.
54-42-6025

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
POWER UNIT			Jan. 2003
CATALOG NO.	6702-20	STARTING SERIAL NO.	105A
		WIRING INSTRUCTION 58-01-1805	

EXAMPLE:

00
0

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

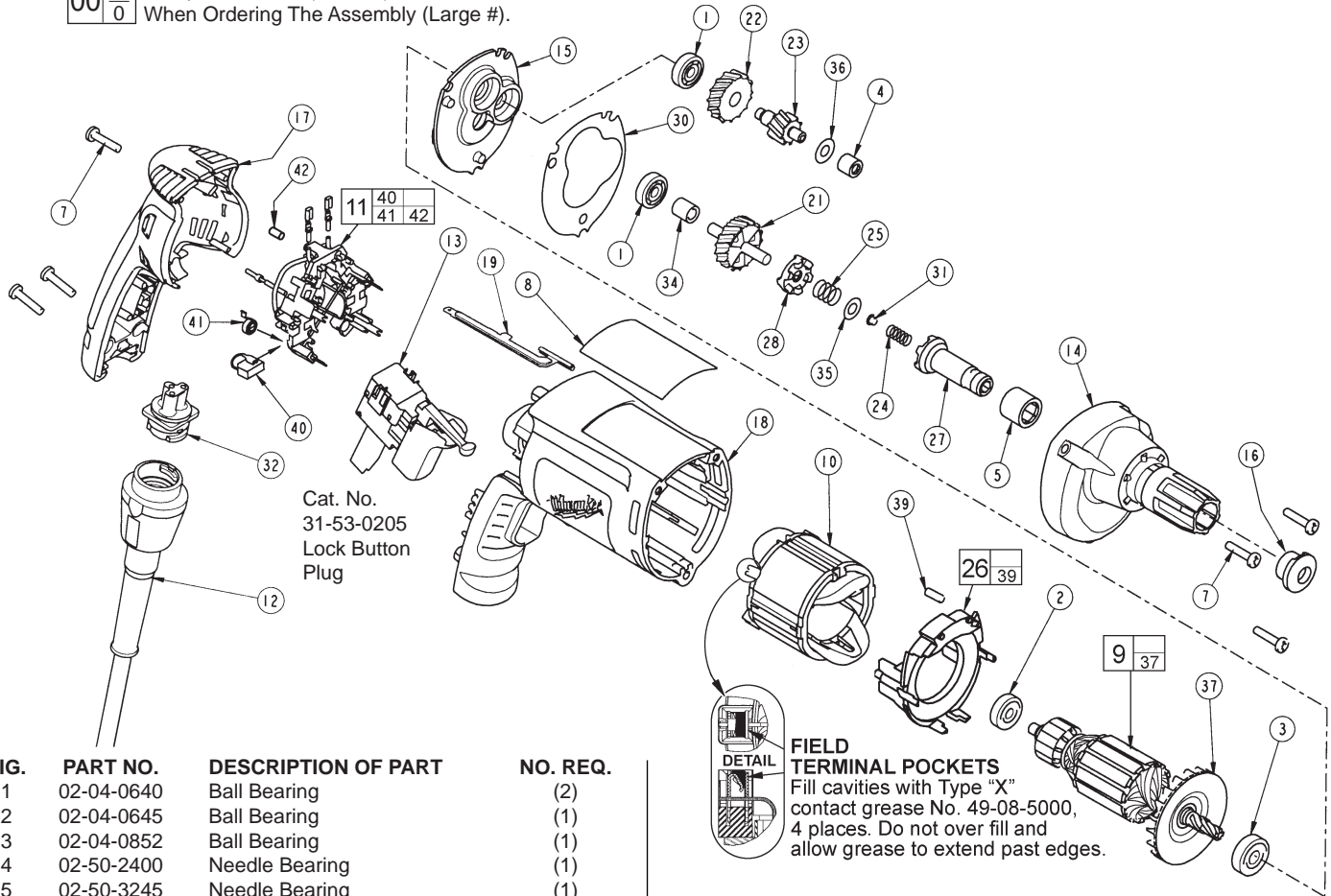


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	02-04-0640	Ball Bearing	(2)
2	02-04-0645	Ball Bearing	(1)
3	02-04-0852	Ball Bearing	(1)
4	02-50-2400	Needle Bearing	(1)
5	02-50-3245	Needle Bearing	(1)
7	06-82-7275	7-18 x 3/4 Slotted Plastite Torx T-20	(6)
8	12-99-2565	Service Nameplate	(1)
9	16-10-2205	Armature	(1)
10	18-07-2200	Field	(1)
11	22-18-1210	Brush Card Assembly	(1)
12	48-76-4008	Quik-Lok Cord Set	(1)
13	23-66-2585	Switch	(1)
14	28-14-2380	Gearcase	(1)
15	28-28-2315	Diaphragm	(1)
16	30-37-0046	Drywall Nose Guide	(1)
17	31-15-2030	Handle Halve	(1)
18	31-50-2030	Motor Housing	(1)
19	44-60-1700	Ground Pin	(1)
21	32-10-0525	Clutch Gear Assembly	(1)
22	32-40-0100	Intermediate Gear	(1)
23	36-66-0120	Intermediate Shaft	(1)
24	40-50-0095	Separator Spring	(1)
25	40-50-8515	Bias Spring	(1)
26	42-14-0460	Baffle Assembly	(1)
27	42-66-0715	Clutch Chuck Assembly	(1)
28	42-70-0310	Drive Clutch	(1)
30	43-44-0985	Gasket	(1)
31	44-60-0505	Thrust Pin	(1)
32	22-56-1010	Pin Housing Assembly	(1)
34	45-36-1280	Spacer	(1)
35	45-88-0555	Clutch Thrust Washer	(1)
36	45-88-7990	Thrust Washer	(1)
37	22-84-0845	Fan Assembly	(1)
39	45-30-0030	Slug	(2)
40	22-18-1310	Brush Assembly	(2)
41	23-52-1610	Brush Spring	(2)
42	45-30-0035	Slug	(1)

LUBRICATION (Type "Y" Grease, No. 49-08-5270)

- Fill the 3 enlarged clutch pockets of the clutch gear assembly (21) with .5 gm. (.02 oz.) grease.
- Apply the same amount of grease in the bias spring (25).
- Apply in total .5 gm. (.02 oz.) grease to the clutch thrust washer (35), thrust pin (31) and separator spring (24).
- Place 3.6 gm. (.13 oz.) of grease on top of the inserted intermediate needle bearing (4).
- Place 13 gm. (.46 oz.) of grease at the armature pin location in the gearcase (14) and fill to slightly above the intermediate gear (22).
- Apply a light film of grease to the lead chamfer of the clutch chuck (27) prior to assembly.

Before assembly, lightly coat all press fit areas with lightweight spindle oil.

FIG. NOTES:

- 4 Needle bearings to be pressed flush to .010 under flush, from end which has the vendor identification.
- 5 Needle bearing to have it's seal toward the front of the tool. Needle bearing to be pressed .133/.143 under flush.

MILWAUKEE ELECTRIC TOOL CORPORATION
 13135 W. LISBON RD., BROOKFIELD, WI 53005
 Drwg. 2