



SERVICE PARTS LIST

BULLETIN NO.
55-40-6326

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|--|-------------------------|---|---------------------|
| SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS | | REVISED BULLETIN 55-40-6325 | DATE May 2006 |
| CORDLESS METAL CUTTER | | | |
| CATALOG NUMBER | 6320-50 (PMS 18) | STARTING SERIAL NO. | 383B |
| | | PRODUCT NUMBER | 4000 3935 34 |
| | | WIRING INSTRUCTION 58-01-1365 | |

Functionally check switch lock-out #44 by attempting to turn on tool by applying a reasonable amount of force, up to 8 lbs., to the switch trigger #23. The tool must not turn on. Release trigger. Actuate the lock-out lever and apply a reasonable amount of force to the switch trigger. The tool must turn on. While the trigger is still in the "ON" position, release the lock-out. Release the trigger. The tool must stop and the lock-out lever must again prevent the actuation of the switch. Repeat the switch check two more times.

NOTE: Switch #23 comes with four screws. Three of the four screws are utilized to secure lead wires. **ALL FOUR SCREWS** must be in place to insure proper brake function! See wiring dia. 58-01-1365.

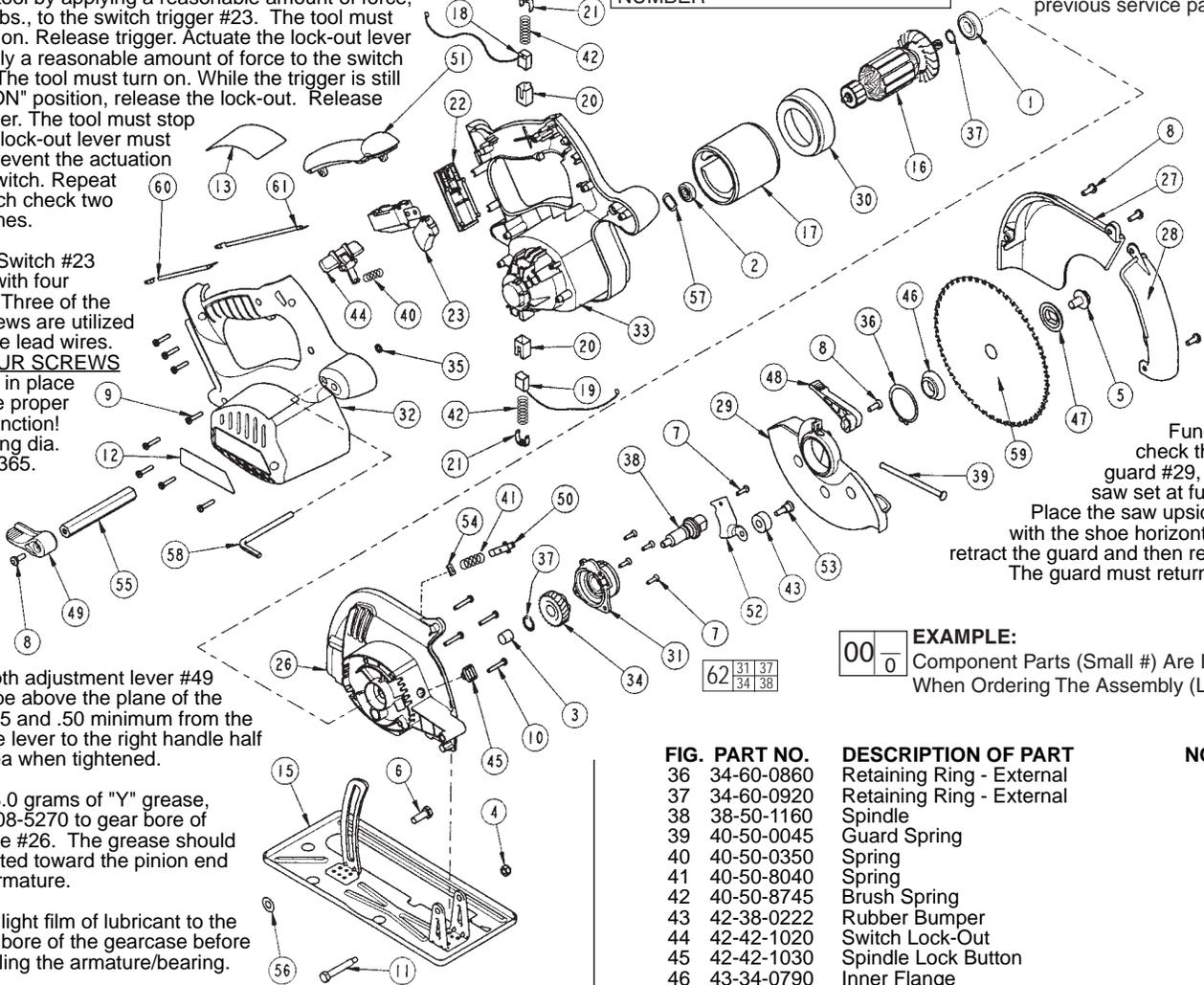
The depth adjustment lever #49 should be above the plane of the shoe #15 and .50 minimum from the tip of the lever to the right handle half vent area when tightened.

Apply 3.0 grams of "Y" grease, No. 49-08-5270 to gear bore of gearcase #26. The grease should be directed toward the pinion end of the armature.

Apply a light film of lubricant to the bearing bore of the gearcase before assembling the armature/bearing.

| FIG. | PART NO. | DESCRIPTION OF PART | NO. REQ. |
|------|------------|---------------------------------------|----------|
| 1 | 02-04-1212 | Ball Bearing | (1) |
| 2 | 02-04-5130 | Ball Bearing | (1) |
| 3 | 02-50-1640 | Needle Bearing | (1) |
| 4 | 06-57-1100 | Lock Nut | (1) |
| 5 | 06-75-1010 | Left Hand Screw | (1) |
| 6 | 06-75-5860 | 1/4-20 x 3/4 Screw | (1) |
| 7 | 06-82-5285 | 6-32 x .5 Pan Hd. Taptite Screw T-15 | (5) |
| 8 | 06-82-5314 | 10-24 x .5 Pan Hd. Taptite Screw T-25 | (5) |
| 9 | 06-82-7470 | Plastite Torx Screw T-15 | (8) |
| 10 | 06-82-7475 | Plastite Torx Screw T-15 | (4) |
| 11 | 06-82-9685 | .250 x 1.375 Hex Hd. Shoulder Bolt | (1) |
| 12 | 10-20-1850 | Logo Label | (1) |
| 13 | 12-20-3410 | Service Nameplate Kit | (1) |
| 15 | 14-74-0325 | Shoe Assembly | (1) |
| 16 | 16-01-2111 | Armature | (1) |
| 17 | 18-01-2000 | Field | (1) |
| 18 | 22-18-1120 | Brush Assembly - Red | (1) |
| 19 | 22-18-1125 | Brush Assembly - Black | (1) |
| 20 | 22-20-0425 | Brush Tube | (2) |
| 21 | 22-32-0420 | Brush Spring Clip | (2) |
| 22 | 22-56-0230 | Connector Block | (1) |
| 23 | 23-66-1000 | Switch | (1) |
| 26 | 28-14-0795 | Gearcase | (1) |
| 27 | 28-20-1172 | Upper Guard Cover | (1) |
| 28 | 28-41-0945 | Upper Guard Window | (1) |
| 29 | 28-41-0965 | Lower Guard | (1) |
| 30 | 31-05-0350 | Baffle | (1) |
| 31 | 31-15-0601 | Gearcase Cover | (1) |
| 32 | 31-44-1970 | Right Handle Halve | (1) |
| 33 | 31-44-1975 | Left Handle Halve | (1) |
| 34 | 32-75-1371 | Spindle Gear | (1) |
| 35 | 34-40-4480 | O-Ring | (1) |

* = Part number change from previous service parts list.



Functionally check the lower guard #29, with the saw set at full depth. Place the saw upside down with the shoe horizontal. Fully retract the guard and then release it. The guard must return briskly.

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

| FIG. | PART NO. | DESCRIPTION OF PART | NO. REQ. |
|------|------------|---------------------------|----------|
| 36 | 34-60-0860 | Retaining Ring - External | (1) |
| 37 | 34-60-0920 | Retaining Ring - External | (2) |
| 38 | 38-50-1160 | Spindle | (1) |
| 39 | 40-50-0045 | Guard Spring | (1) |
| 40 | 40-50-0350 | Spring | (1) |
| 41 | 40-50-8040 | Spring | (1) |
| 42 | 40-50-8745 | Brush Spring | (2) |
| 43 | 42-38-0222 | Rubber Bumper | (1) |
| 44 | 42-42-1020 | Switch Lock-Out | (1) |
| 45 | 42-42-1030 | Spindle Lock Button | (1) |
| 46 | 43-34-0790 | Inner Flange | (1) |
| 47 | 43-34-0795 | Outer Flange | (1) |
| 48 | 44-10-0420 | Guard Lever | (1) |
| 49 | 44-10-0430 | Depth Lever | (1) |
| 50 | 44-20-0650 | Spindle Lock | (1) |
| 51 | 44-52-0540 | Cushion Grip | (1) |
| 52 | 44-66-0840 | Spindle Lock Plate | (1) |
| 53 | 45-04-0485 | Bumper Screw | (1) |
| 54 | 45-06-0720 | Felt Seal | (1) |
| 55 | 45-08-0395 | Depth Shaft | (1) |
| 56 | 45-88-1515 | Washer | (1) |
| 57 | 45-88-5615 | Wave Spring Washer | (1) |
| 58 | 49-96-0080 | 3/16 Hex Key | (1) |
| 59 | ----- | 165mm Metal Cutting Blade | (1) |
| 60 | 23-94-4260 | Red Leadwire Assembly | (1) |
| 61 | 23-94-4270 | Black Leadwire Assembly | (1) |
| * 62 | 14-46-2570 | Gear Service Assembly | (1) |

- FIG. NOTE:**
- 1 Orient the ball bearing so that the seal faces the fan and the open side faces the gearcase.
 - 3 Press needle bearing flush to .015 sub-flush in gearcase.
 - 36 Position retaining ring with rounded edge facing lower guard.
 - 50 Functionally check spindle lock. Spindle lock must return briskly when released from engagement in gear.

MILWAUKEE ELECTRIC TOOL CORPORATION
13135 W. LISBON RD., BROOKFIELD, WI 53005
Drwg. 3