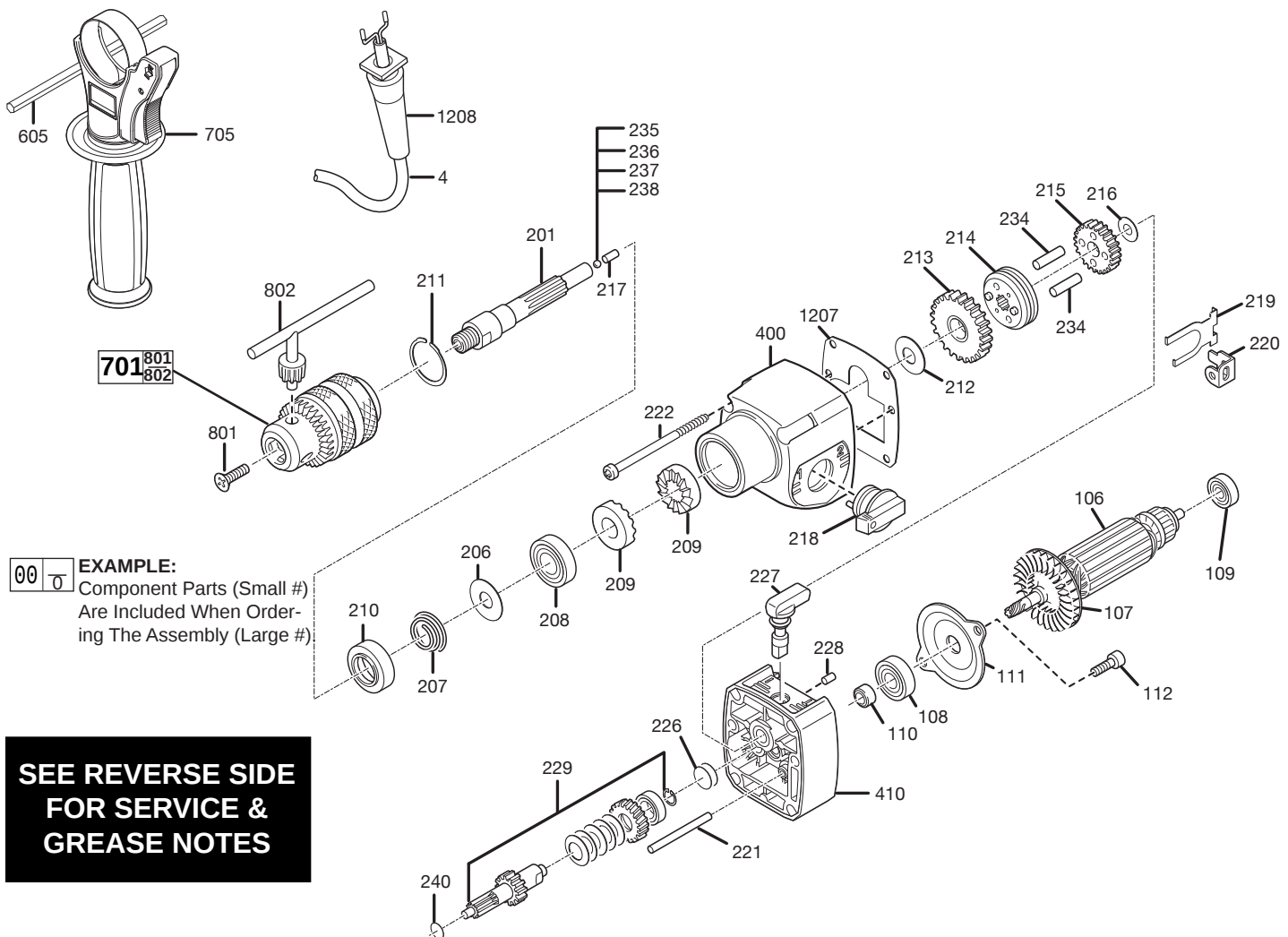


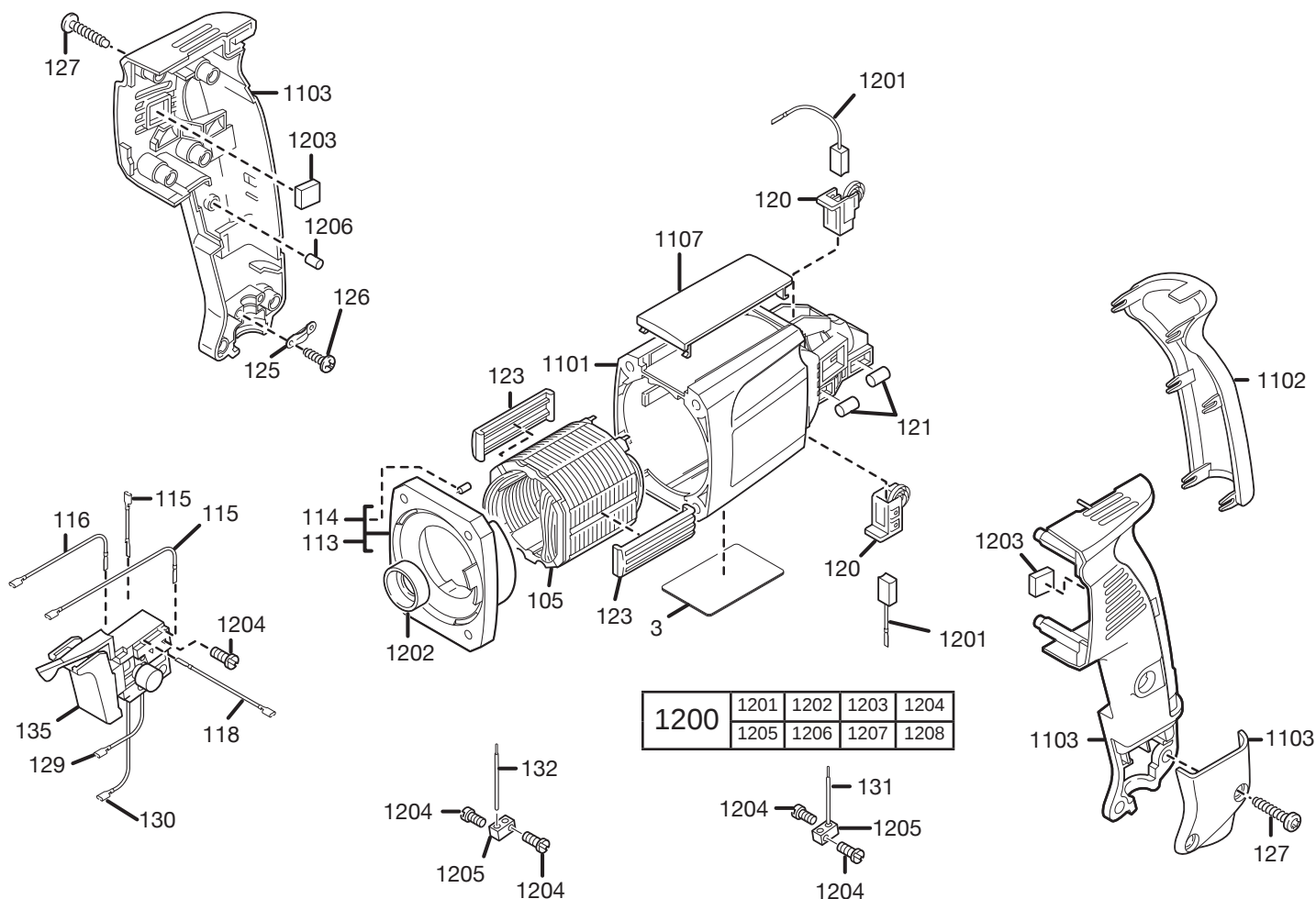


## SERVICE PARTS LIST

| SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS |                           |      | REVISED BULLETIN                 | DATE      |
|--------------------------------------------------------|---------------------------|------|----------------------------------|-----------|
| 1/2 " HAMMER DRILL                                     |                           |      |                                  | Mar. 2010 |
| CATALOG NO. 5380-21                                    | STARTING<br>SERIAL NUMBER | B01A | WIRING INSTRUCTION<br>58-01-5380 |           |



| FIG. | PART NO.   | DESCRIPTION OF PART | NO. REQ. | FIG. | PART NO.   | DESCRIPTION OF PART   | NO. REQ. |
|------|------------|---------------------|----------|------|------------|-----------------------|----------|
| 4    | 22-64-0490 | Cordset             | 1        | 219  | 40-50-8355 | Retaining Spring      | 1        |
| 106  | 16-07-0220 | Armature            | 1        | 220  | 42-70-0790 | Shifting Clip         | 1        |
| 107  | 22-84-0940 | Fan                 | 1        | 221  | 44-60-1470 | Pin                   | 1        |
| 108  | 02-04-1825 | Ball Bearing        | 1        | 222  | 05-81-0190 | Screw                 | 4        |
| 109  | 02-04-0064 | Ball Bearing        | 1        | 226  | 45-88-0315 | Washer                | 2        |
| 110  | 45-22-0055 | Sleeve              | 1        | 227  | 44-40-0130 | Switch Lever          | 1        |
| 111  | 42-92-0070 | Bearing Cover       | 1        | 228  | 44-60-1500 | Pin                   | 1        |
| 112  | 05-81-0960 | Screw               | 2        | 229  | 32-60-0110 | Reduction Gear        | 1        |
| 201  | 38-50-0042 | Spindle             | 1        | 234  | 44-60-1475 | Pin                   | 2        |
| 206  | 45-88-8295 | Washer              | 1        | 235  | 02-02-0110 | Ball 4.0 mm           | 1        |
| 207  | 40-50-8890 | Spring              | 1        | 236  | 02-02-0115 | Ball 3.8 mm           | 1        |
| 208  | 02-04-1830 | Ball Bearing        | 1        | 237  | 02-02-0125 | Ball 3.6 mm           | 1        |
| 209  | 44-84-0295 | Ratchet             | 2        | 238  | 02-02-0105 | Ball 3.4 mm           | 1        |
| 210  | 44-90-0004 | Seal Ring           | 1        | 240  | 45-88-8345 | Thrust Washer         | 1        |
| 211  | 44-90-0365 | Snap Ring           | 1        | 400  | 31-40-0160 | Gear Case             | 1        |
| 212  | 45-88-1300 | Washer              | 1        | 410  | 28-28-0030 | Diaphragm Assembly    | 1        |
| 213  | 32-75-1220 | Spindle Gear        | 1        | 605  | 43-46-0172 | Depth Gage            | 1        |
| 214  | 44-90-4505 | Shift Ring          | 1        | 701  | 48-66-5185 | 1/2 in. Chuck and Key | 1        |
| 215  | 32-75-0070 | Spindle Gear        | 1        | 705  | 49-15-5300 | Side Handle           | 1        |
| 216  | 45-88-8335 | Washer              | 1        | 801  | 05-80-0470 | Locking Screw         | 1        |
| 217  | 44-60-1490 | Pin                 | 1        | 802  | 48-66-2110 | Chuck Key             | 1        |
| 218  | 44-10-0095 | Shift Lever         | 1        | 1207 | 43-44-0345 | Gasket                | 1        |
|      |            |                     |          | 1208 | 44-76-0290 | Cord Strain Relief    | 1        |



| FIG. | PART NO.   | DESCRIPTION OF PART  | NO. REQ. |
|------|------------|----------------------|----------|
| 3    | 12-20-5380 | Service Nameplate    | 1        |
| 105  | 18-07-0180 | Field                | 1        |
| 113  | 42-14-0430 | Air Deflection Ring  | 1        |
| 114  | 45-30-0210 | Slug                 | 4        |
| 115  | 23-94-6710 | Wire                 | 2        |
| 116  | 23-94-6715 | Wire                 | 1        |
| 118  | 23-94-6720 | Wire                 | 1        |
| 120  | 22-20-0232 | Brush Holder         | 2        |
| 121  | 44-60-0915 | Roller Pin           | 4        |
| 123  | 42-70-0030 | Field Centering Clip | 2        |
| 125  | 31-17-0240 | Cord Clamp           | 1        |
| 126  | 05-78-0720 | Screw                | 2        |
| 127  | 05-78-0715 | Screw                | 6        |
| 129  | 23-94-6730 | Wire                 | 1        |
| 130  | 23-94-6735 | Wire                 | 1        |

| FIG. | PART NO.   | DESCRIPTION OF PART | NO. REQ. |
|------|------------|---------------------|----------|
| 131  | 23-94-6745 | Wire                | 1        |
| 132  | 23-94-6740 | Wire                | 1        |
| 135  | 23-66-0410 | Switch              | 1        |
| 1101 | 31-50-0165 | Motor Housing       | 1        |
| 1102 | 44-52-0030 | Handle Cushion      | 1        |
| 1103 | 14-38-0110 | Housing Assembly    | 1        |
| 1107 | 31-15-0160 | Cover               | 1        |
| 1200 | 14-46-0090 | Maintenance Set     | 1        |
| 1201 | 22-16-0025 | Carbon Brush        | 1        |
| 1202 | 45-22-0540 | Rubber Sleeve       | 1        |
| 1203 | 43-87-0085 | Isolation Block     | 2        |
| 1204 | 05-81-0932 | Screw               | 6        |
| 1205 | 42-86-0150 | Connector           | 2        |
| 1206 | 45-30-0055 | Slug                | 1        |

# SERVICE PARTS LIST

## Service Notes

218, 227

Lubricate O-ring(s) on shifting levers (218 and 227) prior to assembly.

201, 235-238

The correct size ball (235-238) must be chosen to properly shim out the end play in the spindle (201). Spindle is to have a small amount of end play without being tight.

801

Apply a drop of Blue Loctite® to locking screw (801) prior to installing into spindle.

229

Do not place clutch assembly (229) in solvent solution. Wipe off with a clean dry cloth.

## Greasing Instructions

Type "P" (49-08-4250)

Type "U" (49-08-0150)

When servicing, remove 90-95% of the existing grease prior to installing Type 'P' grease. Original grease maybe similar in color but not compatible with 'P'.

1. Coat ratchets (209) with 1/16 oz. of Type "U" grease, No. 49-08-0150.
2. Coat spindle spline (201), pin (217) and ball (235-238) with 1/16 oz. of Type "P" grease, No. 49-08-4250.
3. Place 1/8 oz. of Type "P" grease, No. 49-08-4250, in first reduction gear cavity in diaphragm (410).
4. Lubricate gear assembly (parts 212, 213, 214, 215, 216, 219, 220, 221, 226, 229, 234, and 240) using 1/4 oz. of Type "P" grease, No. 49-08-4250.

Total amount of lubrication: approximately 1/2 oz.

