



SERVICE PARTS LIST

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
7/8" ROTARY HAMMER			July 2007
CATALOG NO.	5324-02	SERIAL NUMBER	895A
		WIRING INSTRUCTION 58-01-1140	

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

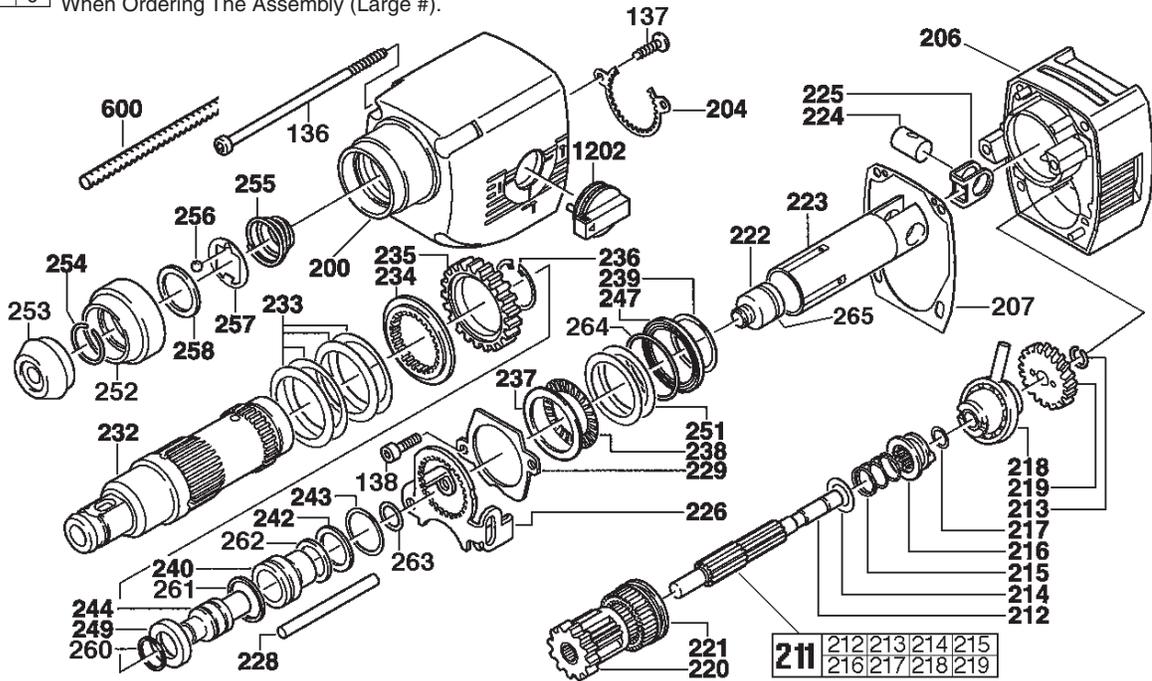


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.	FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
136	05-74-0710	Socket Hd. Screw	4	236	44-90-4510	Retaining Ring (Ext.)	1
137	05-74-0715	Socket Hd. Screw	2	237	45-88-1255	Washer	1
138	05-74-0700	Socket Hd. Screw	2	238	02-80-0150	Thrust Washer	1
200	31-40-0030	Gear Case	1	239	45-88-0775	Locking Washer	1
204	44-86-0625	Splined Retainer	1	240	45-60-0505	Striker Support	1
206	26-28-1875	Diaphragm	1	242	42-76-0725	Thrust Collar	1
207	43-44-0375	Gasket	1	243	44-90-4415	Retaining Ring	1
211	14-73-0255	Intermediate Shaft Assembly	1	244	45-56-2540	Striker	1
212	36-66-3160	Reduction Gear Shaft	1	247	45-88-1265	Washer	1
213	44-90-0360	Snap Ring (Ext.)	1	249	45-88-1310	Washer	1
214	45-88-1250	Washer	1	251	45-88-1270	Washer	2
215	40-50-8895	Spring	1	252	42-76-0275	Chuck Collar	1
216	45-22-0275	Coupling Sleeve	1	253	42-52-0065	Dust Cap	1
217	45-88-1240	Washer	1	254	44-90-0375	Snap Ring (Ext.)	1
218	36-92-0745	Wobble Plate	1	255	40-50-8045	Spring	1
219	32-60-2640	Gear	1	256	02-02-0275	Ball	1
220	32-60-2155	Offset Gear	1	257	42-36-1755	Support Plate	1
221	32-60-2165	Internal Gear	1	258	44-90-4285	Holding Ring	1
222	44-82-0190	Ram	1	260	34-40-0130	O-Ring	1
223	44-62-0155	Piston	1	261	34-40-4456	O-Ring	1
224	44-60-1405	Wrist Pin	1	262	34-40-4452	O-Ring	1
225	30-84-0210	Sliding Bow	1	263	34-40-4451	O-Ring	1
226	44-90-4500	Shift Ring	1	264	34-40-4459	O-Ring	1
228	44-60-1485	Pin	1	265	34-40-4465	O-Ring	1
229	44-66-6055	Retaining Plate	1	600	43-46-0170	Depth Gauge	1
232	38-50-0050	Spindle	1	-----	05-77-2535	Bolt Set (not shown)	1
233	40-50-7975	Belleville Spring	6	-----	14-38-0555	Housing Assembly (not shown)	1
234	45-88-7765	Stop Washer	1	1202	44-10-0075	Shift Lever	1
235	32-75-1205	Spindle Gear	1		10-15-0270	Warning Tag	1
					49-08-4250	Grease Type P Svc. Tube	1
					49-15-0305	Side Handle	1

SEE BACK PAGE OF THIS BULLETIN
FOR ADDITIONAL LUBRICATION
AND SERVICE NOTES

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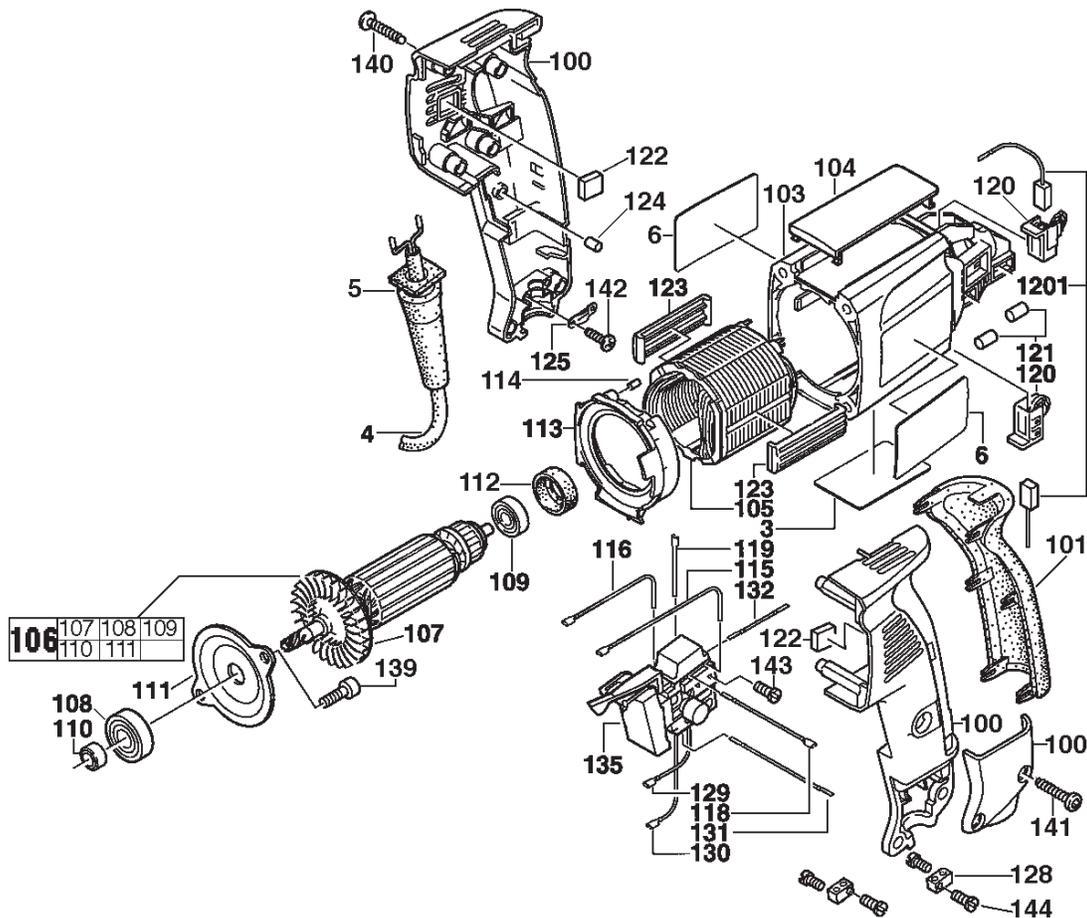


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.	FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
3	12-20-0430	Nameplate	1	118	23-94-6720	Wire	1
4	22-64-0525	Cord Set	1	119	23-94-6710	Wire	1
5	44-76-0290	Strain Relief	1	120	22-20-0230	Brush Holder	2
6	10-07-6200	Product Label	2	121	44-60-0915	Roller Pin	4
100	31-44-2015	Handle Set	1	122	43-87-0085	Isolation Block	2
101	44-52-0585	Handle Cushion	1	123	42-70-1100	Field Centering Clip	2
103	31-50-0165	Motor Housing	1	124	45-30-0055	Slug	1
104	31-15-0285	Motor Housing Cover	1	125	31-17-0240	Cord Clamp	1
105	18-07-0130	Field - Service	1	128	42-86-0150	Connector	2
106	16-07-0130	Armature - Service	1	129	23-94-6730	Wire	1
107	22-84-0940	Fan	1	130	23-94-6735	Wire	1
108	02-04-1845	Ball Bearing	1	131	23-94-6740	Wire	1
109	02-04-1820	Ball Bearing	1	132	23-94-6745	Wire	1
110	45-22-0555	Sealing Sleeve	1	135	23-66-1695	Switch	1
111	42-92-0070	Bearing Cover	1	139	05-74-0715	Socket Hd. Screw	2
112	45-22-0540	Rubber Sleeve	1	140	05-78-0715	Plastite Screw	5
113	31-05-0230	Air Deflector Ring Assy	1	141	05-78-0715	Plastite Screw	2
114	45-30-0210	Slug	4	142	05-78-0720	Plastite Screw	2
115	23-94-6710	Wire	1	143	05-81-0932	Slotted Screw	2
116	23-94-6715	Wire	1	144	05-81-0932	Slotted Screw	4
				1201	22-18-0920	Brush (2) Service Kit	1

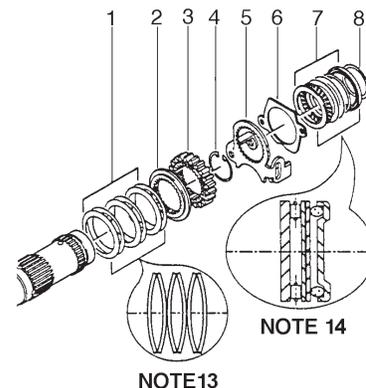
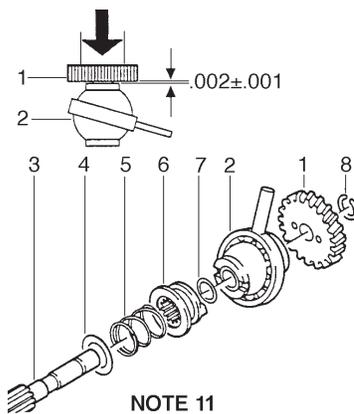
**SERVICE NOTES:
5324-02**

1. For any service that requires access into the gearcase, the shift lever must be removed. To remove it shift it to the hammer and drill mode and insert a screwdriver under the lever end and pry up. The lever will be destroyed and must be replaced.
2. To remove the spindle, the two mounting bolts (138) must be removed with a metric allen wrench.
3. To remove the ram, slip a rod into the end of the spindle and tap the end of the striker, this frees the ram from the ram catcher.
4. To remove the ram catcher, striker and striker support from the spindle, remove the internal retaining ring with a small screwdriver by pushing on the ring through the two small ports in the spindle where the ring is visible. Push the ring in and towards the open end of the spindle. Press out all internal parts.
5. To remove the rear thrust bearing, remove the spiral lock retaining ring with a screwdriver and then remove the thrust bearing.
6. To remove the spindle gear/clutch, press the spindle gear against the disk springs and remove the retaining ring that fits into the gear counter bore. Once this retaining ring is removed, all of the parts will slip off of the spindle.
7. To remove the wobble shaft, turn the shaft so the wobble finger leans toward the motor housing. Pull out on the shaft, tilt and wiggle it to get it to clear the motor housing/upper gearcase. The rollers that support the drive gear end of the wobble shaft are loose parts and may fall out of the bearing shell.
8. To disassemble the wobble shaft, remove the retaining ring by the drive gear. Press the drive gear off, remove all remaining parts.
9. To remove the armature from the diaphragm, turn the armature so the reliefs in the fan line up with the two bearing plate screws and remove them. Pull the armature, bearing and bearing plate from the diaphragm.

10. Replace items (114, 121, 122 and 124) if worn or missing.

11. When reassembling the wobble shaft a clearance of .001 to .003 inch must be maintained between the drive gear and the inner race of the wobble plate. The ground side of the gear must face the wobble plate.

12. Before assembling wobble shaft to the diaphragm, assemble the loose rollers that support the drive gear end of the wobble shaft in their shell in the diaphragm. Hold the rollers in place with grease. (Tool may not have loose rollers).



13. When reassembling the clutch be sure to stack the disk springs as shown.

14. Thrust bearing on spindle must be assembled as shown.

15. To push the internal retaining ring into the spindle that retains the striker, striker support and ram catcher, use an old, used piston. The position of the ring can be visually checked by looking in the removal ports.

16. Do not lubricate the flat surface of ram, item (222).

Item	Torque (in lb)	Description	Thread Locking Sealant
139	35	Armature Bearing Plate (2)	None
136	22-26	Gearcase Screws (4)	None
138	50	Spindle Retaining Bolts (2)	Blue
140	10	Handle Screws (5)	None
141	10	Handle Screws (2)	None
142	9	Cord Clamp Screws (2)	None

GREASING INSTRUCTIONS: 5324-02

Use Type "P" Grease (Cat. No. 49-08-4250)

1. Coat spindle inside and out and all parts assembled in and on the spindle with 1/4 oz. of grease.
2. Place 1/2 oz. of grease at the needle bearing / splined retainer area of gear case.
3. Place 1/4 oz. of grease in the wobble shaft gear cavity of the diaphragm.
4. Grease assembled wobble shaft with out the planet gear set in place with 1/4 oz. of grease.
5. Assemble planet gear set to wobble shaft and apply 1/4 oz. of grease to the planet set.

NOTE: Total amount used; 1 1/2 oz. (one complete tube)

