

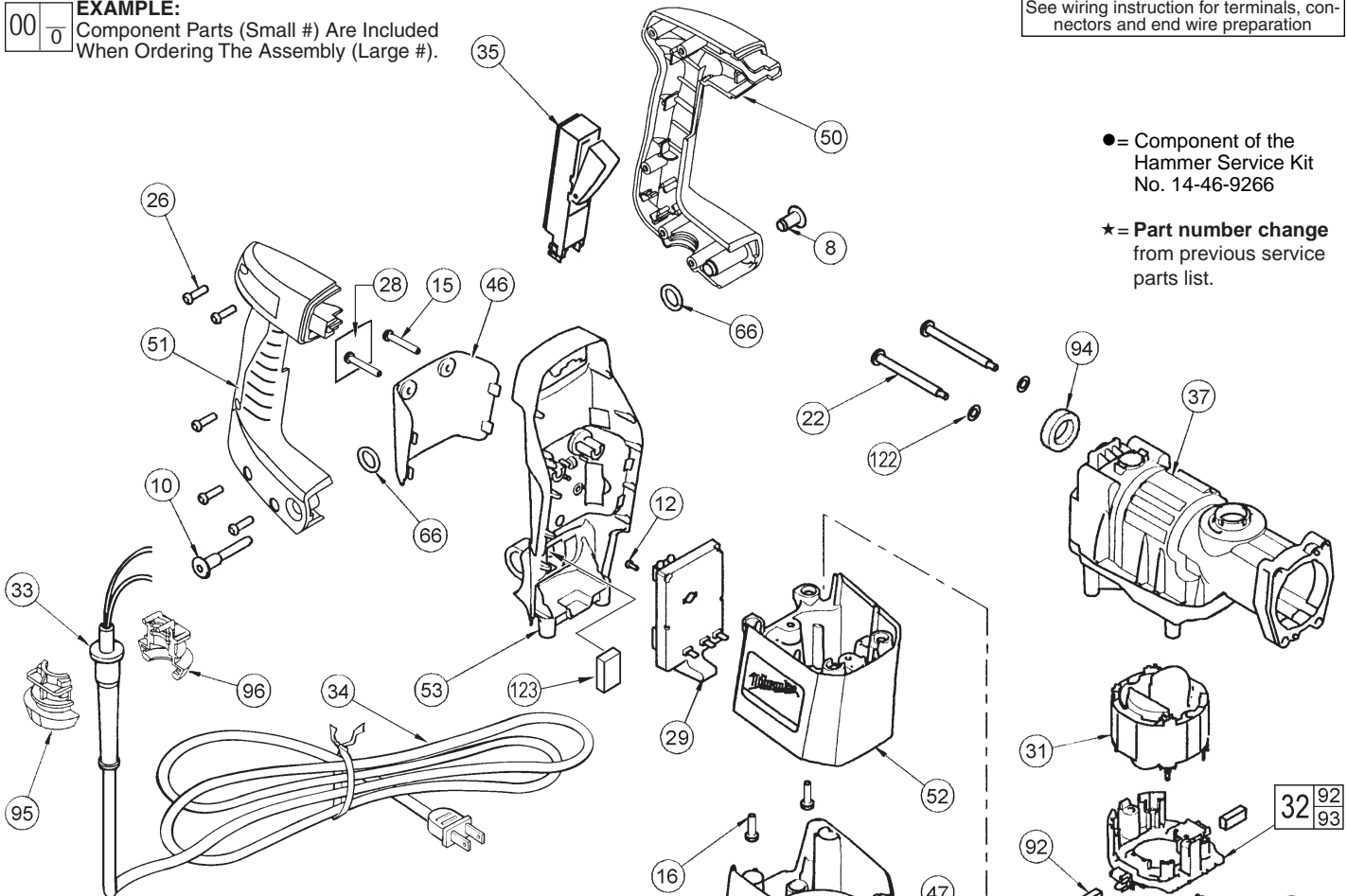


SERVICE PARTS LIST

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS	
1-1/2" (40mm) ROTARY HAMMER	
CATALOG NO. 5318-21	STARTING SERIAL NO. 886C

REVISED BULLETIN 54-24-5076	DATE Aug. 2006
WIRING INSTRUCTION 58-01-0035	
See wiring instruction for terminals, connectors and end wire preparation	

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



● = Component of the Hammer Service Kit No. 14-46-9266
 ★ = Part number change from previous service parts list.

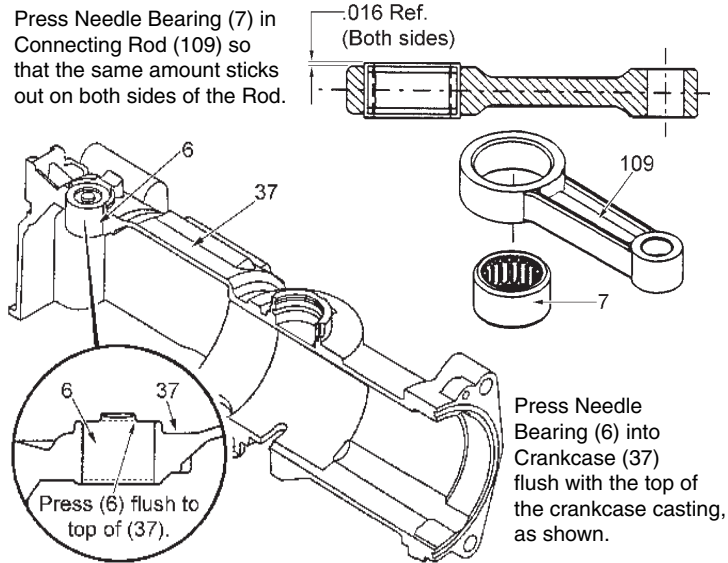
FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
	1	Ball Bearing	(1)
	3	Fan	(1)
★	4	Ball Bearing	(1)
	8	Pivot Nut	(1)
	10	Pivot Bolt	(1)
	12	K35 x 8mm Pan Hd. Plastite Screw	(1)
	13	K60 x 20mm Pan Hd. Plastite Screw	(2)
	14	K60 x 40mm Pan Hd. Plastite Screw	(2)
	15	K50 x 30mm Pan Hd. PT-DG Screw	(2)
	16	K60 x 18mm Pan Hd. PT-DG Screw	(2)
	17	K60 x 120mm Pan Hd. PT-DG Screw	(2)
	22	Pan Hd. Cap Screw	(2)
	23	Slotted Plastite Torx Screw T-20	(2)
	26	K50 x 18mm Pan Hd. Plastite Screw	(5)
	28	Service Nameplate Kit	(1)
★	29	Electronics Assembly	(1)
★	30	Armature Kit	(1)
	31	Field	(1)
★	32	Brush Card Assembly	(1)
	33	Cord Protector	(1)
	34	Cord Set	(1)
	35	Switch	(1)
	37	Crankcase Assembly	(1)
	46	Module Cover	(1)
	47	Motor Cover	(1)
	50	Left Handle Half	(1)
	51	Right Handle Half	(1)
	52	Motor Housing	(1)
	53	Rear Shroud	(1)
★	63	O-Ring	(1)
	66	O-Ring	(2)
	86	● Bearing Cup	(1)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
★	92	● Carbon Brush Kit (Includes 2 Brushes)	(1)
	93	Brush Spring	(2)
	94	Rubber Handle Mount	(1)
	95	Cord Clamp	(1)
	96	Cord Clamp	(1)
	122	Rubber Washer	(2)
	123	Handle Seal	(1)

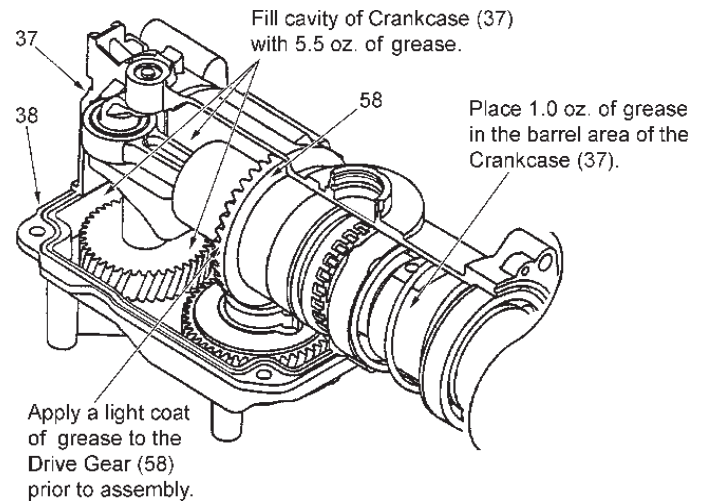
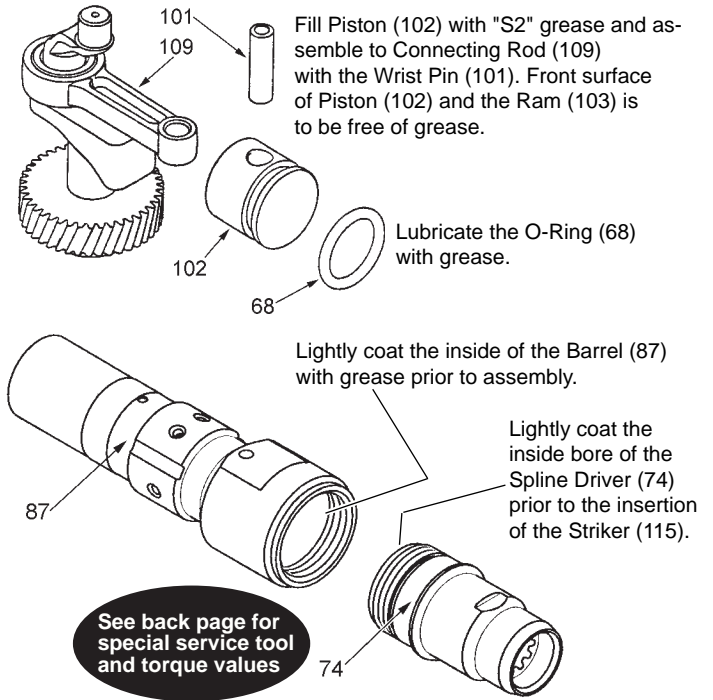
FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
2	02-04-0911	Ball Bearing	(2)
5	02-08-0640	Ball Bearing	(1)
★ 6	02-50-2755	Needle Bearing	(1)
7	02-50-4020	Needle Bearing	(1)
9	05-74-0625	M6 Socket Head Cap Screw	(4)
18	45-22-0680	● Sleeve	(2)
20	06-65-1660	Dowel Pin	(1)
24	06-82-8842	Slotted Taptite Torx Screw	(2)
25	05-88-9910	K50 x 22mm PT-DG Screw	(4)
36	14-46-1980	Spline Nose Kit	(1)
37	28-14-2543	Crankcase Assembly	(1)
38	14-46-2565	Gearcase Service Kit	(1)
★ 39	14-09-0161	Crankshaft Assembly	(1)
43	31-12-0040	● 5/8 Cap Plug	(2)
44	31-58-0160	Lock Ring Spacer	(1)
49	31-44-2010	Side Handle Housing	(1)
54	31-55-0311	Main Shroud	(1)
55	31-58-0150	Locking Ring	(1)
56	31-86-0225	Spacer	(1)
★ 57	14-08-0211	Clutch Gear Assembly	(1)
58	32-30-0060	Drive Gear	(1)
62	34-40-0240	● Gearcase Seal	(1)
64	34-40-4350	● O-Ring	(2)
65	34-40-4475	● Capseal	(1)
68	34-40-4510	● O-Ring	(1)
69	34-40-4520	O-Ring	(1)
70	34-40-4530	● O-Ring	(1)
71	34-40-4570	● Damping Washer	(1)
72	34-60-2580	External Retaining Ring	(1)
74	38-50-6300	Spline Driver	(1)
76	40-50-0380	Compression Spring	(1)
80	40-50-0360	Compression Spring	(1)
81	42-16-0155	Side Handle Band	(1)
84	42-76-0740	Chuck Collar	(1)
85	45-06-0560	Oil Seal	(1)
87	42-98-0260	Barrel	(1)
89	45-88-1380	Bitlock Washer	(1)
90	43-62-0843	Side Handle Assembly	(1)
97	45-88-1070	Stepped Washer	(1)
101	44-60-1710	Wrist Pin	(1)
102	44-62-0230	Piston	(1)
103	44-82-0220	Ram	(1)
104	44-60-1640	Bitlock Pin	(1)
105	44-86-0620	Band Retainer	(1)
106	34-60-2590	Retaining Ring	(1)
107	44-90-0175	Shift Ring	(1)
109	44-94-0395	Connecting Rod Assembly	(1)
111	45-06-0040	Dust Seal	(1)
112	45-88-5176	Felt Seal	(1)
114	45-30-0060	Retaining Slug	(1)
115	45-56-2570	Spline Striker	(1)
118	45-88-1565	Washer	(2)
119	45-88-4005	Barrel Washer	(2)
124	45-88-8730	Wave Washer	(1)
★ 125	44-52-0041	Breather Pad	(1)
126	14-34-0585	Side Handle Assembly Kit	(1)

NOTE: Check the clutch torque. Clutch must slip at 40 to 50 ft.lbs. at the spindle, checked clockwise as viewed from the front of the tool.

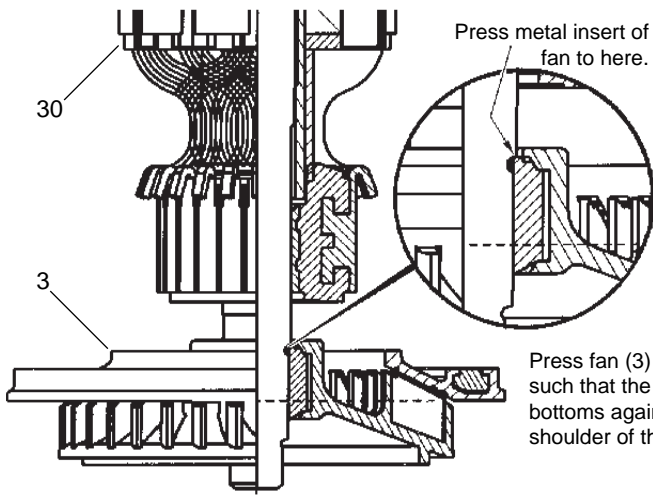
▲ SEE BACK PAGE OF THIS BULLETIN FOR ADDITIONAL LUBRICATION AND SERVICE NOTES



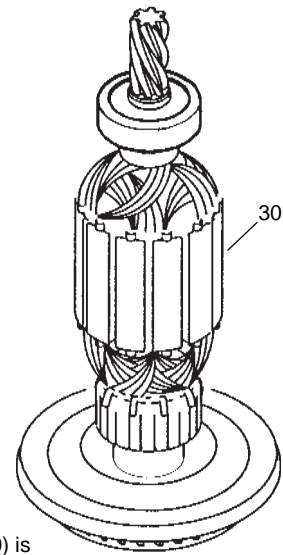
LUBRICATION NOTES: (TYPE "S2" GREASE, NO. 49-08-5265)



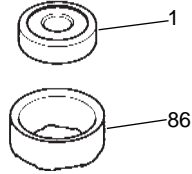
Prior to assembly, apply a light coat of grease to the Gearcase Seal (62) and O-Rings (63, 64, 67, 68 and 70).



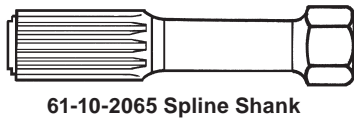
Press fan (3) onto armature (30) such that the metal insert of the fan bottoms against the fan journal shoulder of the armature shaft.



After the armature assembly (30) is installed into the tool, the bearing cup (86) is to be placed on the rear armature bearing (1), (already pressed onto the armature shaft), prior to assembling the motor cover (47) to the tool.



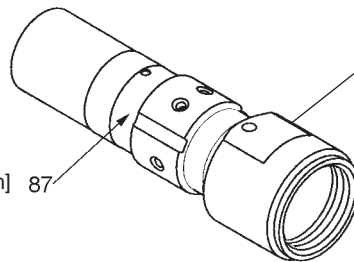
NOTE: Do not dislodge the bearing cup from the bearing during assembly.



61-10-2065 Spline Shank



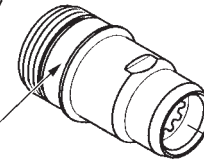
3/4" [19mm] Hex



Barrel

when tightened in a vise, **extra care** should be taken not allowing the barrel to turn and mar or burr it's finished cylindrical surface.

no loctite® is required on threads of spline driver or barrel.



Spline Driver

torque to 130-160 ft-lbs. [176-217 Newton-meters]

BARREL / SPLINE DRIVER SERVICING-

To aid in the servicing of the Barrel and Spline Driver of the 5318-21 Spline Drive Rotary Hammer, a Service Tool No. 61-10-2065 has been developed [see illustrations].

- clamp the flats of the Barrel in a vise.
- use a 3/4" [19mm] socket on the hex of Service Tool to either remove [turning counter-clockwise] or install [turning clockwise] the Spline Driver.

SERVICE NOTE:
SLIP CLUTCH VALUES

When servicing this Spline Drive Rotary Hammer, the static torque required to slip the clutch mechanism should be checked. It must not exceed the maximum value shown below:

- block armature from rotating.
- using service tool and ft-lb [newton-meter] torque wrench with 3/4" [19mm] socket, check the static torque required to slip the Spline Driver / Clutch Mechanism of the Rotary Hammer.
- **the torque for the 5318-21 should be 40-50 ft-lb. [52-68 Nm].**