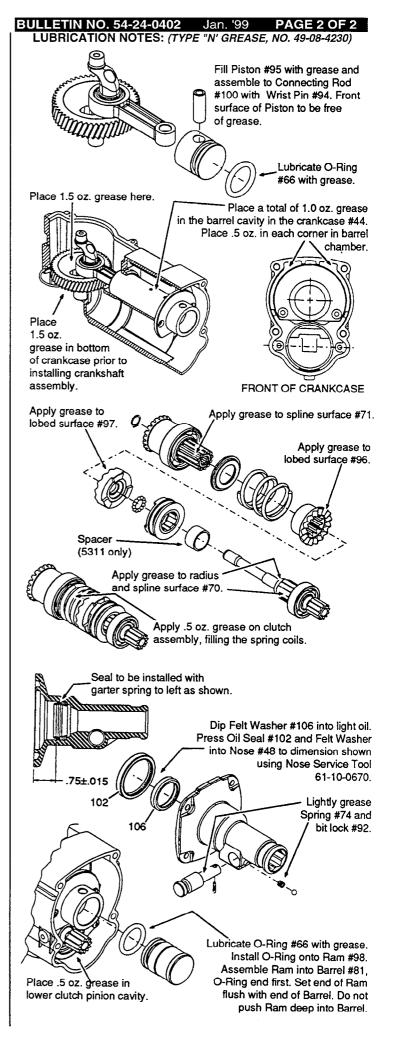


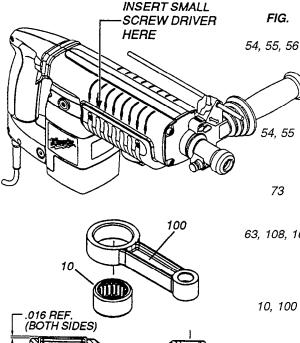
1   02-02-0120   1/4" Steel Ball   (1)     3   02-02-0250   1/4" Steel Ball   (1)     6   02-04-0911   Ball Bearing   (1)     8   02-04-1510   Ball Bearing   (1)     9   02-50-4000   Needle Bearing   (3)     10   02-50-4020   Needle Bearing   (1)     11   02-50-9000   Needle Bearing   (1)     12   02-50-9000   Needle Bearing   (1)     14   05-74-0670   M6 x 1.0 x 70 Skt. Hd. Cap Screw T-27 (4)   (1)     17   06-65-0828   Groove Pin   (1)     20   06-85-6280   M4 x 0.7 x 14 Pan Hd. Stt. Taptite T-20 (1)   23     21   06-85-6280   M4 x 0.7 x 14 Pan Hd. Stt. Taptite T-20 (1)   23     22   06-85-6280   External Retainer (1)   (1)     43   30-89-0210   Bearing Retainer (1)   (1)     44   28-10-2580   External Retainer (1)   (1)     45   28-20-1325   Crankcase Cover (1)   (1)     46   28-50-6445   Intermediate Housing (1)   (1)     47 </th <th></th> <th></th> <th></th> <th></th>				
3   02-02-0250   1/4" Sheel Ball   (1)     5   02-04-2011   Ball Bearing   (1)     6   02-04-1510   Ball Bearing   (1)     9   02-50-2470   Needle Bearing   (1)     10   02-50-4020   Needle Bearing   (1)     11   02-50-9985   Needle Bearing   (1)     12   02-50-9985   Needle Bearing   (1)     14   05-74-0670   M6 x1.0 x 70 Skt. Hd. Cap Screw T-27 (4)     17   06-65-0828   Groove Pin   (1)     23   06-95-6280   M4 x 0.7 x 14 Pan Hd. Skt. Taptite T-20 (8)     * 28   34-60-2580   External Retaining Ring   (1)     44   28-14-2285   Crankcase Cover   (1)     45   28-20-1325   Crankcase Cover   (1)     46   28-30-6445   Intermediate Housing   (1)     47   28-40-2500   Clach Cover   (1)     47   28-40-2500   Clach Cover   (1)     57   32-60-2500   Bevel Gear   (1)     58   32-60-2500   Clach Cover   (1) <t< td=""><td>FIG.</td><td>PART NO.</td><td></td><td></td></t<>	FIG.	PART NO.		
5     02-04-0911     Ball Bearing     (1)       6     02-04-1510     Ball Bearing     (1)       9     02-50-2470     Needle Bearing     (3)       10     02-50-4220     Needle Bearing     (1)       11     02-50-9000     Needle Bearing     (1)       12     02-50-9900     Needle Bearing     (1)       14     05-74-0670     M& x10.x70 Skt. Hd. Cap Screw T-27 (4)       17     06-65-0828     Groove Pin     (1)       28     06-82-6820     MA x.0.7 x14 Pan Hd. Slt. Taptite T-20 (8)     (1)       28     06-62-5862     Crankcase Cover     (1)       43     30-89-0010     Bearing Retainer     (1)       44     28-14-2285     Crankcase Cover     (1)       45     28-20-1325     Crankcase Cover     (1)       46     28-50-6445     Intermediate Housing     (1)       47     31-12-0270 (Cap-Cover     (1)     (1)       53     34-40-4330 (D-Ring     (3)     (1)       64     44-0-330 (D-Ring     (3)				• •
6     02-04-1510     Ball Bearing     (1)       8     02-04-2000     Ball Bearing     (3)       10     02-50-2470     Needle Bearing     (3)       11     02-50-3000     Needle Bearing     (1)       12     02-50-3908     Needle Bearing     (1)       14     05-74-0670     MK x 1.0 x 70 Skt. Hd. Cap Screw T-27 (4)     (1)       14     05-74-0670     MK x 1.0 x 70 Skt. Hd. Cap Screw T-27 (4)     (1)       22     06-85-6280     External Retaining Ring     (1)       23     06-85-6280     External Retaining Ring     (1)       24     30-89-0010     Bearing Retainer     (1)       43     30-89-0010     Bearing Retainer     (1)       44     28-14-2285     Crankcase Cover     (1)       45     28-20-1325     Crankcase Cover     (1)       46     28-50-6445     Intermediate Housing     (1)       57     32-05-2250     Bevel Gear     (1)       58     32-40-2300     Seal-Cover     (1)       58     34-40-43300 </td <td></td> <td></td> <td></td> <td></td>				
8     02-04-2000     Ball Bearing     (1)       9     02-50-2470     Needle Bearing     (1)       11     02-50-4020     Needle Bearing     (1)       12     02-50-9985     Needle Bearing     (1)       14     05-74-0670     M6 x 1.0 x 70 Skt. Hd. Cap Screw T-27 (4)       17     06-65-0828     Groove Pin     (1)       18     06-65-1660     Dowel Pin     (1)       22     06-82-8842     8-32 x 3/8" Pan Hd. Slt. Taptite T-20 (8)     ************************************			5	
9     02:50-2470     Needle Bearing     (1)       11     02:50-9000     Needle Bearing     (1)       12     02:50-9000     Needle Bearing     (1)       14     05:74-0670     M6 x 1.0 x 70 Skt. Hd. Cap Screw T-27 (4)     (1)       17     06:65-0828     Groove Pin     (1)       21     06:95:6280     M4 x 0.7 x 14 Pan Hd. Slt. Taptite T-20 (1)     (1)       22     06:95:6280     M4 x 0.7 x 14 Pan Hd. Slt. Taptite T-20 (1)     (1)       23     06:95:6280     M4 x 0.7 x 14 Pan Hd. Slt. Taptite T-20 (1)     (1)       24     33:89-0010     Bearing Retainer     (1)       *43     30:89-0010     Bearing Retainer     (1)       *44     28:14:2285     Crankcase Cover     (1)       45     28:20-1325     Crankcase Cover     (1)       46     28:50-6445     Intermediate Housing     (1)       47     34:40-4310     Rubber Damping Washer     (1)       63     34:40-4320     Seal-Cover     (1)       64     34:40-4350     O-Ring     (3) <t< td=""><td></td><td></td><td>0</td><td></td></t<>			0	
10   02-50-4020   Needle Bearing   (1)     11   02-50-9905   Needle Bearing   (1)     12   02-50-9985   Needle Bearing   (1)     14   05-74-0670   M6x 1.0 x 70 Skt. Hd. Cap Screw T-27 (4)   (1)     17   06-65-1860   Dowel Pin   (1)     20   06-82-8842   8-32 x 3/8' Pan Hd. Stt. Taptite T-20 (8)     23   06-80-2880   M4 x 0.7 x 14 Pan Hd. Stt. Taptite T-20 (8)     * 28   34-60-2860   External Retaining Ring   (1)     * 43   28-14-2285   Crankcase   (1)     * 44   28-14-2285   Crankcase Cover   (1)     45   28-20-1325   Crankcase Cover   (1)     46   28-50-6445   Intermediate Housing   (1)     47   31-12-0270   Cap-Cover   (1)     58   32-60-2590   Clutch Pinion   (1)     63   34-40-4310   Pubber Damping Washer   (1)     63   34-40-4320   Seal-Cover   (1)     63   34-40-4320   O-Ring   (3)     67   34-60-0700   Retaining Ring-Bevele			5	
11   02-50-9900   Needle Bearing   (1)     12   02-50-9985   Needle Bearing   (1)     14   05-74-0670   Mé x 1.0 x 70 Skt. Hd. Cap Screw T-27 (4)     17   06-65-0828   Groove Pin   (1)     22   06-82-6820   M4 x 0.7 x 14 Pan Hd. Slt. Taptite T-20 (8)     * 28   34-60-2580   External Retaining Ring   (1)     * 43   30-89-0010   Bearing Retainer   (1)     * 44   28-14-2285   Crankcase Cover   (1)     * 45   28-50-6445   Intermediate Housing   (1)     * 46   28-50-6445   Intermediate Housing   (1)     * 47   28-14-2285   Crankcase Cover   (1)     * 48   14-52-0020   Nose Assembly   (1)     * 49   31-12-0270   Cap-Cover   (1)     * 63   34-40-4330   O-Ring   (1)     * 63   34-40-4330   O-Ring   (1)     * 63   34-40-4330   O-Ring   (1)     * 71   36-14-0760   Clutch Shaft   (1)     * 71   36-14-0760   Clutch Shaft   (1) <td>9</td> <td>02-50-2470</td> <td></td> <td>(3)</td>	9	02-50-2470		(3)
12   02-50-9895   Needle Bearing   (1)     14   05-74-0670   M6 x 1.0 x 70 Skt. Hd. Cap Screw T-27 (4)     17   06-65-0828   Groove Pin   (1)     22   06-82-8842   8-32 x 3/8" Pan Hd. Skt. Taptite T-20 (8)     23   06-95-6280   M4 x 0.7 x 14 Pan Hd. Skt. Taptite T-20 (8)     * 28   34-60-2580   External Retaining Ring   (1)     * 43   30-99-0010   Bearing Retainer   (1)     * 44   28-14-2285   Crankcase   (1)     45   28-20-1325   Crankcase Cover   (1)     46   28-50-6445   Intermediate Housing   (1)     47   31-12-0270   Cap-Cover   (1)     57   32-60-2590   Clutch Pinion   (1)     63   34-40-4320   Seal-Cover   (1)     64   34-40-4320   Seal-Cover   (1)     65   34-40-4320   O-Ring   (3)     67   34-60-700   Retaining Ring-Beveled   (1)     70   36-14-0770   Holkow Clutch Shaft   (1)     71   36-14-0770   Holkow Clutch Shaft   (	10	02-50-4020	Needle Bearing	(1)
14   05-74-0670   M6 x 1.0 x 70 Škt. Hd. Cap Screw T-27 (4)     17   06-65-0620   Groove Pin   (1)     22   06-82-8842   8-32 x 3/8" Pan Hd. Slt. Taptite T-20 (1)   23     23   06-95-6280   M4 x 0.7 x 14 Pan Hd. Slt. Taptite T-20 (8)   **     24   34-60-2580   External Retaining Ring   (1)     *43   30-89-0010   Bearing Retainer   (1)     *44   28-14-2285   Crankcase Cover   (1)     45   28-20-1325   Carakcase Cover   (1)     46   28-50-6445   Intermediate Housing   (1)     47   32-05-2250   Bevel Gear   (1)     58   32-60-2590   Clutch Pinion   (1)     61   34-40-4310   Rubber Damping Washer   (1)     63   34-40-4320   Seal-Cover   (1)     64   34-0-4330   O-Ring   (3)     67   34-60-0700   Retaining Ring   (3)     67   34-60-0700   Retaining Ring   (1)     74   40-50-8420   Spinad Couch Shaft   (1)     74   40-50-8420	11	02-50-9000	Needle Bearing	(1)
17   06-65-0828   Groove Pin   (1)     22   06-82-8842   S-32 x 3/8" Pan Hd. Slt. Taptite T-20   (1)     23   06-95-6280   M4 x 0.7 x 14 Pan Hd. Slt. Taptite T-20   (8)     *43   308-9010   Bearing Retainer   (1)     *44   28-14-2285   Crankcase   (1)     *44   28-14-2285   Crankcase Cover   (1)     45   28-20-1325   Crankcase Cover   (1)     46   28-50-6445   Intermediate Housing   (1)     47   31-12-0270   Cap-Cover   (1)     57   32-60-2590   Clutch Pinion   (1)     58   32-60-2590   Clutch Pinion   (1)     63   34-40-4300   Seal-Cover   (1)     63   34-40-4300   O-Ring   (3)     67   34-60-0700   Retaining Ring-Beveled   (1)     73   36-61-0700   Retaining Ring-Beveled   (1)     74   40-50-8420   Bit Lock Spring   (1)     73   48-0-1400   Wrist Pin   (1)     74   40-50-8500   Belleville Spring	12	02-50-9985	Needle Bearing	(1)
★ 18   06-65-1660   Dowel Pin   (1)     22   06-82-8842   8-32 x 3/8' Pan Hd. Slt. Taptite T-20   (1)     23   06-85-6280   External Retaining Ring   (1)     ★ 43   30-39-0010   Bearing Retainer   (1)     ★ 44   28-14-2285   Crankcase   (1)     45   28-20-1325   Crankcase   (1)     46   28-50-6445   Intermediate Housing   (1)     47   28-20-1325   Cap-Cover   (1)     48   14-52-0020   Nose Assembly   (1)     49   31-12-0270   Cap-Cover   (1)     58   32-60-2590   Clutch Pinion   (1)     61   34-40-4320   Seal-Cover   (1)     63   34-40-4330   O-Ring   (1)     66   34-40-4330   O-Ring   (1)     67   34-60-700   Retaining Ring-Beveled   (1)     70   36-14-0760   Clutch Shaft   (1)     71   36-14-0770   Hollow Clutch Shaft   (1)     73   38-50-6030   Spring   (1)     <	14	05-74-0670	M6 x 1.0 x 70 Skt. Hd. Cap Screw T-2	7 (4)
22   06-82-8842   8-32 x 3/8* Pan Hd. Slt. Taptite T-20   (1)     23   06-95-6280   M4 x 0.7 x 14 Pan Hd. Slt. Taptite T-20   (8)     * 43   30-89-0010   Bearing Retainer   (1)     * 44   28-14-2285   Crankcase   (1)     * 44   28-14-2285   Crankcase Cover   (1)     45   28-50-6445   Intermediate Housing   (1)     46   28-50-6445   Intermediate Housing   (1)     47   31-12-0270   Cap-Cover   (1)     57   32-05-2250   Bevel Gear   (1)     63   34-40-4310   Rubber Damping Washer   (1)     64   34-40-4320   Seal-Cover   (1)     65   34-40-4330   O-Ring   (3)     67   34-80-0700   Retaining Ring-Beveled   (1)     70   36-14-0760   Clutch Shaft   (1)     71   36-14-0760   Clutch Shaft   (1)     72   14-09-0140   Crankshaft Assembly   (1)     73   38-50-6030   Spring   (1)     74   40-50-8575   Compression Spri	17	06-65-0828	Groove Pin	(1)
2306-95-6280M4 x 0.7 x 14 Pan Hd. Slt. Taptite T-20 (8) $\star$ 2834-60-2580External Retaining Ring(1) $\star$ 4330-89-001Bearing Retainer(1) $\star$ 4428-14-2285Crankcase Cover(1)4528-20-1325Crankcase Cover(1)4628-50-6445Intermediate Housing(1)4731-12-0270Cap-Cover(1)5732-05-2250Bevel Gear(1)5832-60-2590Clutch Pinion(1)6134-40-4320Seal-Cover(1)6334-40-4330O-Ring(3)6734-60-320Seal-Cover(1)6634-40-4320Seal-Cover(1)7036-14-0760Clutch Shaft(1)7136-14-0770Hollow Clutch Shaft(1)7214-09-0140Crankshaft Assembly(1)7338-50-6030Spindle(1)7440-50-8575Compression Spring(1)7540-50-8575Compression Spring(1)7842-80-2210Barrel(1)8443-44-070Gasket(1)9444-80-1400Wrist Pin(1)9544-82-0170Ram(1)9644-66-035Fixed Clutch Plate(1)9744-80-015Dust Seal-Round (5/pkg.)(1)9844-82-0170Ram(1)9944-90-4005Shift Ring(1)10145-36-1530Spacer	<del>★</del> 18	06-65-1660	Dowel Pin	(1)
23   06-95-6280   M4 x 0.7 x 14 Pan Hd. Slt. Taptite T-20 (8)     ★ 28   34-60-2580   External Retaining Ring   (1)     ★ 44   20-80-010   Bearing Retainer   (1)     ★ 44   28-14-2285   Crankcase Cover   (1)     45   28-20-1325   Crankcase Cover   (1)     46   28-50-6445   Intermediate Housing   (1)     47   32-60-2590   Nose Assembly   (1)     48   31-12-0270   Cap-Cover   (1)     57   32-05-2250   Bevel Gear   (1)     58   32-60-2590   Clutch Pinion   (1)     61   34-40-4320   Seal-Cover   (1)     63   34-40-4330   O-Ring   (3)     67   34-60-300   Retaining Ring-Beveled   (1)     70   36-14-0760   Clutch Shaft   (1)     71   36-14-0770   Hollow Clutch Shaft   (1)     72   14-050-8575   Compression Spring   (1)     73   38-50-6030   Spring Flange   (1)     74   40-50-8575   Compression Spring   (1) <td>22</td> <td>06-82-8842</td> <td>8-32 x 3/8" Pan Hd. Slt. Taptite T-20</td> <td>(1)</td>	22	06-82-8842	8-32 x 3/8" Pan Hd. Slt. Taptite T-20	(1)
★ 28   34-60-2580   External Retaining Ring   (1)     ★ 43   30-39-0010   Bearing Retainer   (1)     ★ 44   28-14-2285   Crankcase   (1)     45   28-20-1325   Crankcase Cover   (1)     46   28-50-6445   Intermediate Housing   (1)     48   14-52-0020   Nose Assembly   (1)     48   14-52-020   Cap-Cover   (1)     57   32-05-2250   Bevel Gear   (1)     61   34-40-4330   Rubber Damping Washer   (1)     63   34-40-4330   O-Ring   (3)     66   34-40-4330   O-Ring   (3)     67   34-80-0700   Retaining Ring-Beveled   (1)     70   36-14-0760   Clutch Shaft   (1)     71   36-14-0770   Hollow Clutch Shaft   (1)     73   38-50-603   Spindle   (1)     74   40-50-8420   Bit Lock Spring   (2)     81   42-38-0240   Barrel   (1)     74   40-50-8575   Compression Spring   (1) <t< td=""><td>23</td><td>06-95-6280</td><td>M4 x 0.7 x 14 Pan Hd. Slt. Taptite T-2</td><td></td></t<>	23	06-95-6280	M4 x 0.7 x 14 Pan Hd. Slt. Taptite T-2	
★ 43   30-89-0010   Bearing Retainer   (1)     ★ 44   28-14-2285   Crankcase   (1)     45   28-20-1325   Crankcase Cover   (1)     46   28-50-6445   Intermediate Housing   (1)     48   14-52-0020   Cap-Cover   (1)     57   32-05-2250   Bevel Gear   (1)     61   34-40-1375   O-Ring   (1)     63   34-40-4320   Seal-Cover   (1)     63   34-40-4320   Seal-Cover   (1)     66   34-40-4330   O-Ring   (3)     67   34-60-0700   Retaining Ring-Beveled   (1)     70   36-14-0760   Clutch Shaft   (1)     71   36-14-0760   Clutch Shaft   (1)     72   14-09-0140   Crankshaft Assembly   (1)     73   38-50-6030   Spindle   (1)     74   40-50-8540   Bit Lock Spring   (1)     75   40-50-8575   Compression Spring   (1)     74   40-50-8540   Barel   (1)     75   40-50-8	<b>*</b> 28	34-60-2580	External Retaining Ring	(1)
★ 44   28-14-2285   Crankcase   (1)     45   28-20-1325   Crankcase Cover   (1)     46   28-50-6445   Intermediate Housing   (1)     48   14-52-0020   Nose Assembly   (1)     49   31-12-0270   Cap-Cover   (1)     57   32-05-2250   Bevel Gear   (1)     61   34-40-4310   Rubber Damping Washer   (1)     63   34-40-4320   Seal-Cover   (1)     64   34-40-4320   Seal-Cover   (1)     65   34-40-4320   Seal-Cover   (1)     66   34-40-4320   Seal-Cover   (1)     67   34-60-0700   Retaining Ring-Beveled   (1)     70   36-14-0770   Hollow Clutch Shaft   (1)     71   36-14-0770   Hollow Clutch Shaft   (1)     73   38-50-6030   Spindle   (1)     74   40-50-84570   Corpression Spring   (1)     75   40-50-8590   Belleville Spring   (2)     81   42-96-0240   Barrel   (1)     75	<b>*</b> 43	30-89-0010	Bearing Retainer	
4528-20-1325Crankcase Cover(1)4628-50-6445Intermediate Housing(1)4814-52-002Nose Assembly(1)4931-12-0270Cap-Cover(1)5732-05-2250Bevel Gear(1)6134-40-1375O-Ring(1)6334-40-4320Seal-Cover(1)6434-40-4320Seal-Cover(1)6534-40-4330O-Ring(1)6634-40-4350O-Ring(3)6734-60-0700Retaining Ring-Beveled(1)7036-14-0760Clutch Shaft(1)7214-09-0140Crankshaft Assembly(1)7338-50-6030Spindle(1)7440-50-850Belleville Spring(2)8142-98-0240Barrel(1)7440-50-850Belleville Spring(2)8142-98-0240Barrel(1)9144-62-0212Bit Lock(1)9144-62-0212Bit Lock(1)9144-62-0222Bit Lock(1)9244-66-6030Splined Clutch Plate(1)9344-90-4400Shift Ring(1)9444-60-1400Wrist Fin(1)9544-65-0550Dust Seal-Round (5/pkg.)(1)9444-60-160Splined Clutch Plate(1)9744-66-6035Splined Clutch Plate(1)9844-82-0170Ram(1)994	<b>*</b> 44	28-14-2285		
46   28-50-6445   Intermediate Housing   (1)     48   14-52-0020   Nose Assembly   (1)     57   32-05-2250   Bevel Gear   (1)     58   32-60-2590   Clutch Pinion   (1)     61   34-40-1375   O-Ring   (1)     63   34-40-4310   Rubber Damping Washer   (1)     64   34-40-4320   Seal-Cover   (1)     66   34-40-4330   O-Ring   (3)     67   34-60-0700   Retaining Ring-Beveled   (1)     70   36-14-0760   Clutch Shaft   (1)     71   36-14-0770   Hollow Clutch Shaft   (1)     72   14-09-0140   Crankshaft Assembly   (1)     73   38-50-6030   Spindle   (1)     74   40-50-8420   Bit Lock Spring   (1)     74   40-50-8420   Bit Lock Spring   (1)     74   40-50-8575   Compression Spring   (1)     74   40-50-8420   Bit Lock   (1)     84   43-44-0970   Gasket   (1)     94	45		Crankcase Cover	
48   14-52-0020   Nose Assembly   (1)     49   31-12-0270   Cap-Cover   (1)     57   32-05-2250   Bevel Gear   (1)     58   32-60-2590   Clutch Pinion   (1)     61   34-40-4310   Rubber Damping Washer   (1)     63   34-40-4320   Seal-Cover   (1)     64   34-40-4330   O-Ring   (1)     65   34-40-4350   O-Ring   (3)     67   34-60-0700   Retaining Ring-Beveled   (1)     70   36-14-0760   Clutch Shaft   (1)     71   36-14-0760   Clutch Shaft   (1)     72   14-09-0140   Crankshaft Assembly   (1)     73   38-50-6030   Spindle   (1)     74   40-50-8575   Compression Spring   (1)     75   40-50-8509   Belleville Spring   (2)     81   42-98-0240   Barrel   (1)     74   40-50-8509   Gasket   (1)     91   44-60-1400   Wrist Pin   (1)     94   44-60-1400				
49   31-12-0270   Cap-Cover   (1)     57   32-05-2250   Bevel Gear   (1)     61   34-40-1375   O-Ring   (1)     63   34-40-4310   Rubber Damping Washer   (1)     64   34-40-4320   Seal-Cover   (1)     65   34-40-4320   Seal-Cover   (1)     66   34-40-4350   O-Ring   (3)     67   34-60-0700   Retaining Ring-Beveled   (1)     70   36-14-0760   Clutch Shaft   (1)     70   36-14-0770   Hollow Clutch Shaft   (1)     71   36-14-0770   Hollow Clutch Shaft   (1)     73   38-50-6030   Spindle   (1)     74   40-50-8420   Bit Lock Spring   (1)     75   40-50-8575   Compression Spring   (1)     74   40-50-8420   Bit Lock Spring   (1)     81   42-98-0240   Barrel   (1)     83   43-34-0740   Spring Flange   (1)     84   43-44-0970   Gasket   (1)     96   44-66-60			0	
57 $32-05-2250$ Bevel Gear   (1)     58 $32-60-2590$ Clutch Pinion   (1)     61 $34-40-1375$ O-Ring   (1)     63 $34-40-4310$ Rubber Damping Washer   (1)     64 $34+40-4320$ Seal-Cover   (1)     65 $34+40-4320$ Seal-Cover   (1)     66 $34+40-4330$ O-Ring   (3)     67 $34+60-0700$ Retaining Ring-Beveled   (1)     70 $36+14-0770$ Hollow Clutch Shaft   (1)     71 $36+14-0770$ Hollow Clutch Shaft   (1)     72 $14-09-0140$ Crankshaft Assembly   (1)     73 $38-50-6030$ Spindle   (1)     74 $40-50-8575$ Compression Spring   (1)     75 $40-50-8575$ Compression Spring   (1)     74 $40-50-8575$ Spring Flange   (1)     84 $43-40-970$ Gasket   (1)     91 $44-62-0210$ Piston   (1)     94 $4+62-0140$ Wrist Pin   (1)			•	
58 $32-60-2590$ Clutch Pinion   (1)     61 $34-40-1375$ O-Ring   (1)     63 $34-40-4310$ Rubber Damping Washer   (1)     64 $34-40-4320$ Seal-Cover   (1)     65 $34-40-4320$ O-Ring   (1)     66 $34-40-4320$ O-Ring   (1)     67 $34-60-0700$ Retaining Ring-Beveled   (1)     70 $36-14-0760$ Clutch Shaft   (1)     70 $36-14-0700$ Hollow Clutch Shaft   (1)     73 $38-50-6030$ Spindle   (1)     73 $38-50-6030$ Spindle   (1)     74 $40-50-8420$ Barrel   (1)     75 $40-50-8575$ Compression Spring   (1)     74 $40-50-8420$ Barrel   (1)     83 $43-34-0740$ Spring Flange   (1)     84 $43-44-0970^{\bullet}$ Gasket   (1)     94 $44-60-1400$ Wrist Pin   (1)     95 $44-66-6035$ Spined Clutch Plate   (1)     96 </td <td></td> <td>-</td> <td>•</td> <td></td>		-	•	
61   34-40-1375   O-Ring   (1)     63   34-40-4310   Rubber Damping Washer   (1)     64   34-40-4320   Seal-Cover   (1)     65   34-40-4330   O-Ring   (1)     66   34-40-4330   O-Ring   (3)     67   34-60-0700   Retaining Ring-Beveled   (1)     70   36-14-0760   Clutch Shaft   (1)     70   36-14-0770   Hollow Clutch Shaft   (1)     71   36-14-0770   Hollow Clutch Shaft   (1)     73   38-50-6030   Spindle   (1)     74   40-50-8420   Bit Lock Spring   (1)     75   40-50-8575   Compression Spring   (1)     78   40-50-8590   Belleville Spring   (2)     81   42-98-0240   Barrel   (1)     83   43-34-0740   Spring Flange   (1)     84   43-44-0970   Gasket   (1)     91   44-20-1222   Bit Lock   (1)     94   44-66-6030   Splined Clutch Plate   (1)     97   4				
63   34-40-4310   Rubber Damping Washer   (1)     64   34-40-4320   Seal-Cover   (1)     65   34-40-4320   O-Ring   (1)     66   34-40-4320   O-Ring   (3)     67   34-60-0700   Retaining Ring-Beveled   (1)     70   36-14-0760   Clutch Shaft   (1)     71   36-14-0770   Hollow Clutch Shaft   (1)     72   14-09-0140   Crankshaft Assembly   (1)     73   38-50-6030   Spindle   (1)     74   40-50-8575   Compression Spring   (1)     78   40-50-8590   Belleville Spring   (2)     81   42-98-0240   Barrel   (1)     83   43-34-0740   Spring Flange   (1)     84   43-44-0970   Gasket   (1)     91   44-66-6030   Splined Clutch Plate   (1)     94   46-66-603   Splined Clutch Plate   (1)     97   44-66-6045   Fixed Clutch Plate   (1)     98   44-82-0170   Ram   (1)     100				
64   34-40-4320 ●   Seal-Cover   (1)     65   34-40-4330 ●   O-Ring   (1)     66   34-40-4350 ●   O-Ring   (3)     67   34-60-700   Retaining Ring   (1)     69   34-80-5090   Retaining Ring-Beveled   (1)     70   36-14-0760   Clutch Shaft   (1)     71   36-14-0770   Hollow Clutch Shaft   (1)     72   14-09-0140   Crankshaft Assembly   (1)     73   38-50-6030   Spindle   (1)     74   40-50-8420   Bit Lock Spring   (1)     75   40-50-8575   Compression Spring   (2)     81   42-98-0240   Barrel   (1)     83   43-34-0740   Spring Flange   (1)     84   43-44-0970 ●   Gasket   (1)     91   44-20-222   Bit Lock   (1)     94   44-66-1400   Wrist Pin   (1)     95   44-62-2010   Piston   (1)     96   44-66-6035   Spiace   (1)     97   44-66-6045 <t< td=""><td></td><td></td><td>0</td><td></td></t<>			0	
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		61-10-0670	Nose Service Tool	

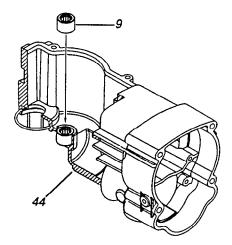
61-10-0670 Nose Service Tool

NOTE: Check the clutch torque. Clutch must slip at 30 to 40 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







## ▲ NOTES

TO REMOVE BELLY SHROUD #56 FROM TOOL, INSERT SMALL SCREW DRIVER INTO GROOVE BETWEEN BELLY AND SIDE SHROUDS #54 AND #55, ABOUT 1/3 OF THE WAY FROM THE MOTOR END, <u>AS SHOWN</u>. PRY OUT AND DOWN ON BOTH SIDES OF THE TOOL.

TO INSTALL THE SIDE SHROUDS #54 AND #55, THE TOP HINGE OF THE SHROUDS MUST BE COMPLETELY INTERLOCKED, THEN THE BACK SIDE ROTATED CLOSED AROUND THE TOOL.

- LUBRICATE ALL BORES IN SPINDLE #73 WITH A MEDIUM COATING OF GREASE.
- 63, 108, 109 LUBRICATE RUBBER DAMPING WASHER #63, BARREL THRUST WASHER #108 AND STRIKER CUSHION WASHER #109 WITH A MEDIUM COATING OF GREASE BEFORE ASSEMBLY.
  - , 100 PRESS NEEDLE BEARING #10 IN ROD #100 SO THAT THE SAME AMOUNT STICKS OUT ON BOTH SIDES OF THE ROD, <u>AS SHOWN</u>.
  - 9, 71 PRESS (2) NEEDLE BEARINGS #9 INTO HOLLOW CLUTCH SHAFT #71, FLUSH WITH THE ENDS OF THE SHAFT.
  - 58, 70 PRESS CLUTCH PINION #58 FLUSH WITH THE END OF THE CLUTCH SHAFT #70.
- 11, 12, 46 PRESS NEEDLE BEARINGS #11 AND #12 FLUSH TO THE MACHINED FACES ON BOTH ENDS OF THE INTERMEDIATE HOUSING #46.
  - 9, 44 PRESS NEEDLE BEARING #9 INTO CRANKCASE #44, FLUSH WITH TOP OF BORE, <u>AS SHOWN</u>.
  - 81 <u>LIGHTLY</u> GREASE INSIDE OF BARREL #81 BEFORE ASSEMBLY.
  - 48, 73 SMALL OUTSIDE DIAMETER OF SPINDLE #73 IS TO BE LUBRICATED WITH A LIGHT COAT OF GREASE BEFORE ASSEMBLING THE NOSE ASSEMBLY #48 TO THE TOOL.
- 48, 73, 102 NOSE ASSEMBLY #48 MUST BE PLACED SQUARELY OVER SPINDLE #73, WHEN ASSEMBLING, TO PREVENT DAMAGE TO OIL SEAL #102.
- 14, 19, 20, 23 FASTENERS #14, #19, #20 AND #23 ARE TO BE RE-ASSEMBLED USING BLUE LOCTITE.
  - 48, 102 LUBRICATE BORE IN NOSE ASSEMBLY #48 BEFORE PRESSING OIL SEAL #102 INTO PLACE.
  - 61, 66 LUBRICATE O-RINGS #61 AND #66 WITH GREASE.
  - 69 INSTALL BEVEL SNAP RING #69 WITH BEVEL SIDE UP.
- 4, 50, 80 PLACE BEARING CUP #80 ON SMALL ARMATURE BEARING #4 BEFORE INSTALLING MOTOR COVER #50.
  - 41 BRUSH SPRINGS #41 ARE TO BE WOUND 1/2 TURN TO ENGAGE BRUSHES.
  - 4 RUBBER SEAL SIDE OF BALL BEARING #4 TO FACE FAN.
- 95, 98 FACES OF PISTON #95 AND RAM #98 ARE TO BE FREE OF GREASE.