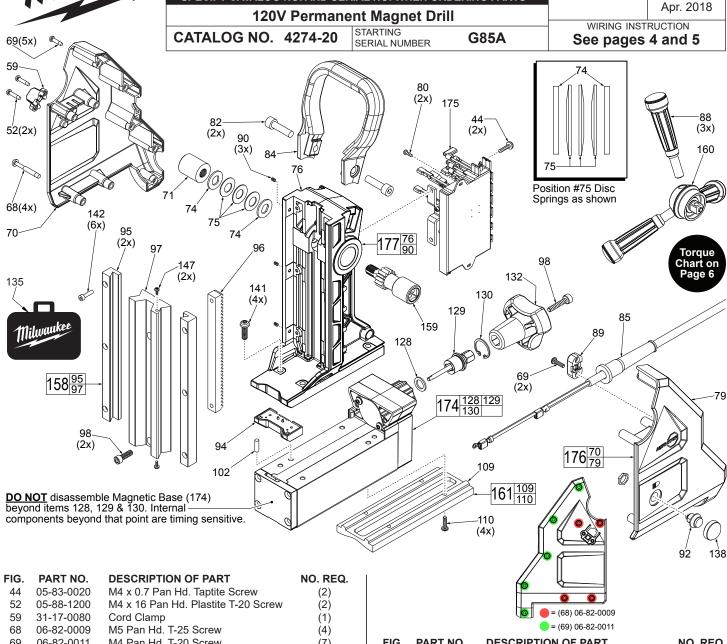


SERVICE PARTS LIST SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS

BULLETIN NO. 54-46-0440

DATE

REVISED BULLETIN



44	05-83-0020	M4 x 0.7 Pan Hd. Taptite Screw	(2)
52	05-88-1200	M4 x 16 Pan Hd. Plastite T-20 Screw	(2)
59	31-17-0080	Cord Clamp	(1)
68	06-82-0009	M5 Pan Hd. T-25 Screw	(4)
69	06-82-0011	M4 Pan Hd. T-20 Screw	(7)
70		Housing Cover	(1)
71	43-12-0055	Handle Square Driver	(1)
74	45-88-0028	Washer	(2)
75	40-50-0029	Disc Spring	(3)
76		Magstand Base with Bushings	(1)
79		Housing Support	(1)
80	05-81-1290	M2.3 x 0.4-6g Washer Hd. T-8 Screw	(2)
82	05-74-0014	M8 x 1.125, 6mm Hex Socket Hd. Cap Scr.	(2)
84	43-62-0017	Carrying Handle	(1)
85	22-64-0012	120V Power Cord Assembly	(1)
88	43-62-0022	Feed Handle	(3)
89	31-17-0085	Cord Clamp	(1)
90	06-83-0015	2mm Hex Set Screw	(3)
92	23-66-0017	LED Switch Assembly	(1)
94	22-09-0042	Lower Control Board with LED	(1)
95		Dovetail Rail	(2)
96	44-80-0061	Rack	(1)
97		Slide	(1)
98	06-75-3050	1/4-20 x 3/4", 3/16" Hex Socket Hd. Screw	(3)
102	44-60-0002	Alignment Pin	(1)
109		Insert Adapter	(1)
110		8-32 Screw	(4)
128	45-88-0039	Rubber Washer	(1)

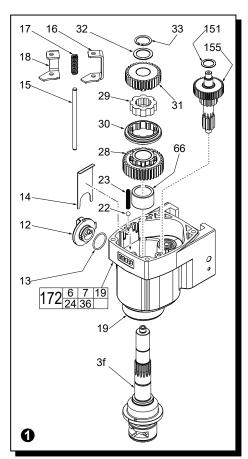
	= (69) 06-82-0011	
PART NO.	DESCRIPTION OF PART	NO. REQ.
45-08-0018	Spindle Lock Shaft	(1)
34-40-0029	Retaining Ring	(1)
43-98-0044	Magnet Control Knob	(1)
42-55-0130	Blow Molded Carrying Case	(1)
22-68-0020	Switch Cover	(1)
05-81-2787	1/4-20 x 1", 4.5mm Hex Button Hd. Screy	N (4)
05-74-0013	3mm Hex Socket Head Cap Screw	(6)
45-56-0017	Safety Strap (Not Shown)	(1)
05-80-2787	M3 Flat Head Machine Screw	(2)
44-81-0070	Dovetail and Rail Kit	(1)
36-18-0030	Rack/Gear Shaft Assembly	(1)
43-78-0032	Quick Connect Hub Assembly	(1)
48-10-0130	Pipe Adapter Insert Kit (Accessory)	(1)
42-20-2787	Magnetic Base/Rear Gearcase Assembly	/ (1)
22-09-0100	PCBA/Electronics Assembly	(1)
43-76-4274	Housing Assembly	(1)
42-20-0025	Support Housing	(1)
10-20-0496	Danger Label	(1)
12-20-4274	Service Nameplate (Not Shown)	(1)
49-96-0035	Hex Key (Not Shown)	(1)
	45-08-0018 34-40-0029 43-98-0044 42-55-0130 22-68-0020 05-81-2787 05-74-0013 45-56-0017 05-80-2787 44-81-0070 36-18-0030 43-78-0032 48-10-0130 42-20-2787 22-09-0100 43-76-4274 42-20-0025 10-20-0496 12-20-4274	45-08-0018 Spindle Lock Shaft 34-40-0029 Retaining Ring 43-98-0044 Magnet Control Knob 42-55-0130 Blow Molded Carrying Case 22-68-0020 Switch Cover 05-81-2787 1/4-20 x 1", 4.5mm Hex Button Hd. Screv 05-74-0013 3mm Hex Socket Head Cap Screw 45-56-0017 Safety Strap (Not Shown) 05-80-2787 M3 Flat Head Machine Screw 44-81-0070 Dovetail and Rail Kit 36-18-0030 Rack/Gear Shaft Assembly 43-78-0032 Quick Connect Hub Assembly 48-10-0130 Pipe Adapter Insert Kit (Accessory) 42-20-2787 Magnetic Base/Rear Gearcase Assembly 22-09-0100 PCBA/Electronics Assembly 43-76-4274 Housing Assembly 42-20-0025 Support Housing 10-20-0496 Danger Label 12-20-4274 Service Nameplate (Not Shown)

MILWAUKEE ELECTRIC TOOL CORPORATION 13135 W. Lisbon Road, Brookfield, WI 53005



Type "Y" Grease, No. 49-08-5270 (6 oz. tube) Use approximately 85 grams, 3 ounces

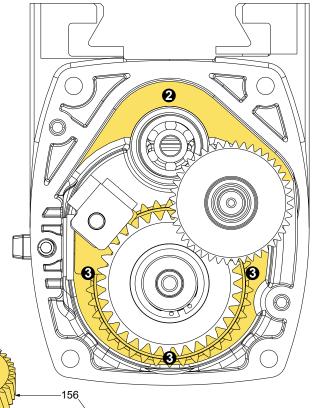
LUBRICATION NOTE: When servicing the drill motor, 90-95% of old grease must be removed prior to new grease being added.

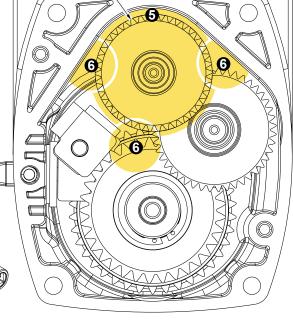


3 to 4 turns in order to remove the Slide (97)

and the Rack (96)

- 1 Install parts shown into/onto Gear Case Assembly (172) prior to applying any lubrication.
- 2 Apply 13 grams (approximately .45 ounces) of grease in this area of the gear case prior to installing the Pinion/1st Interpolation Cost Appendix (156). mediate Gear Assembly (156).
- 3 With the aid of a grease gun, place 26 grams (approximately .9 ounces) in and around the gear case cavity for the 3rd Intermediate Géar system (28, 29, 30 and 31).
- Apply a heavy coating of grease over the entire Pinion/1st Intermediate Gear Assembly (156).
- 6 Install the assembly (156) into gear case and place 5-8 grams (.17-.28 ounces) fully around gear space.
- This step will require 39 grams (1.4 ounces) of grease. Place 13 grams (approximately .45 ounces) of grease at each of three positions over and around the Pinion/1st Intermediate Gear Assembly (156).





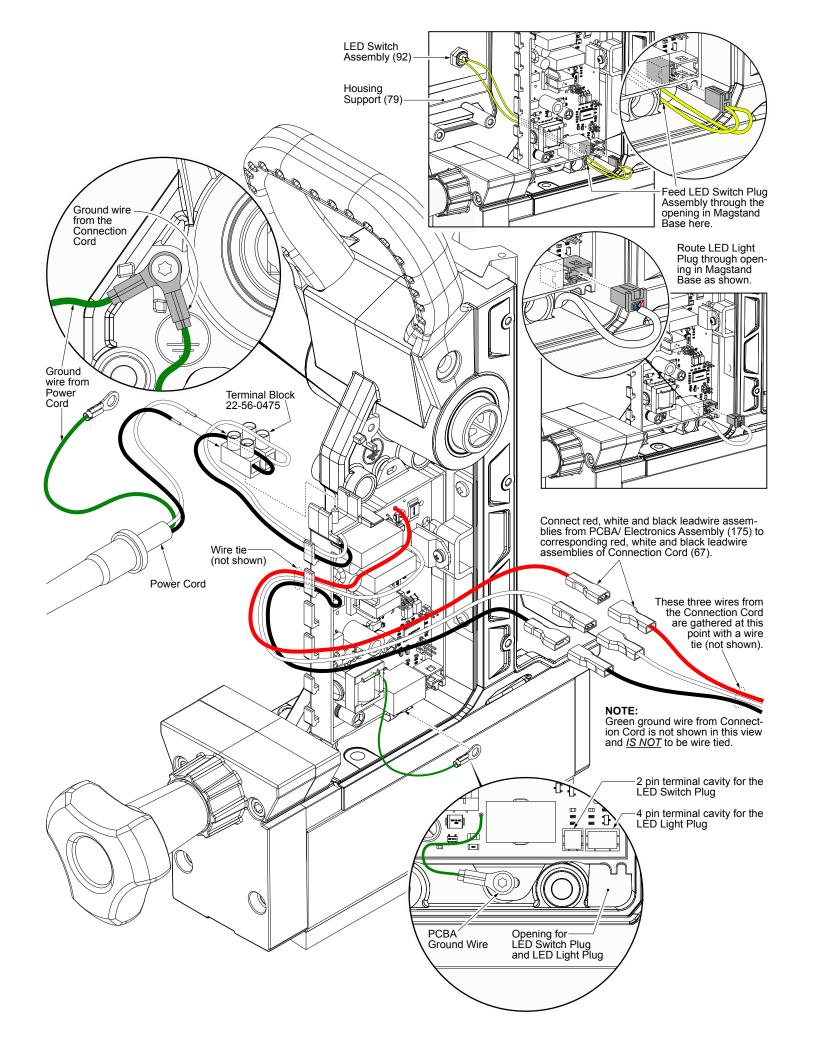
90(3x)147 (2x) $177\frac{76}{90}$ 75 $158\frac{95}{97}$ Lightly coat the inside 'V' channel of both Dovetail Rails (95) with grease. This bottom screw Place a light coat of grease onto the front (98) must be loosened

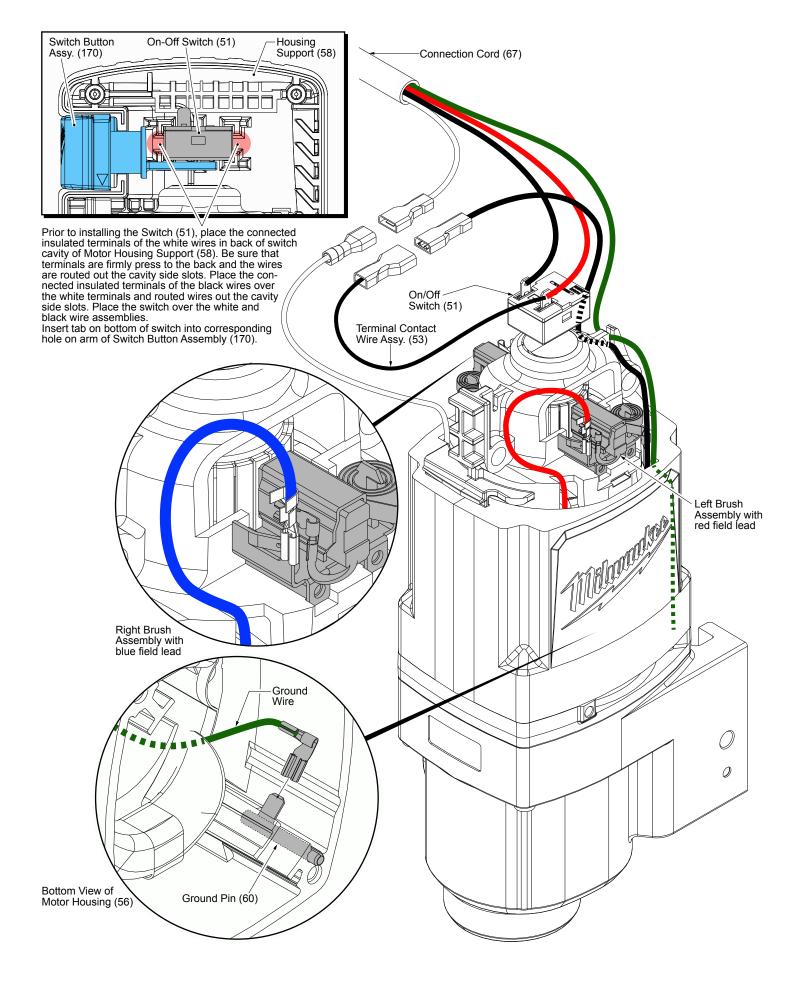
teeth of the Rack (96).

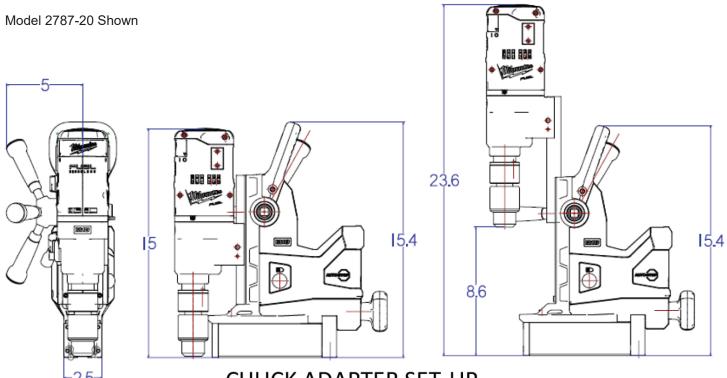
Lightly coat both sides of the two Washers (74) and three Disc Springs (75).

SERVICE FIXTURES: 61-30-2787 Rotor Press Fixture 61-30-2788 Spindle Bushing Press Fixture 61-30-2789

Rotor Removal Fixture







CHUCK ADAPTER SET-UP

