## **SERVICE PARTS LIST**

## **BULLETIN NO.** 54-46-0430

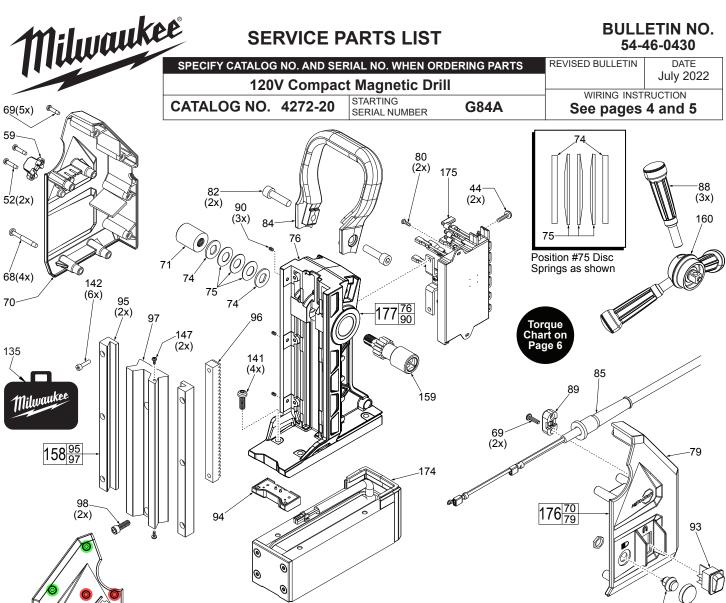
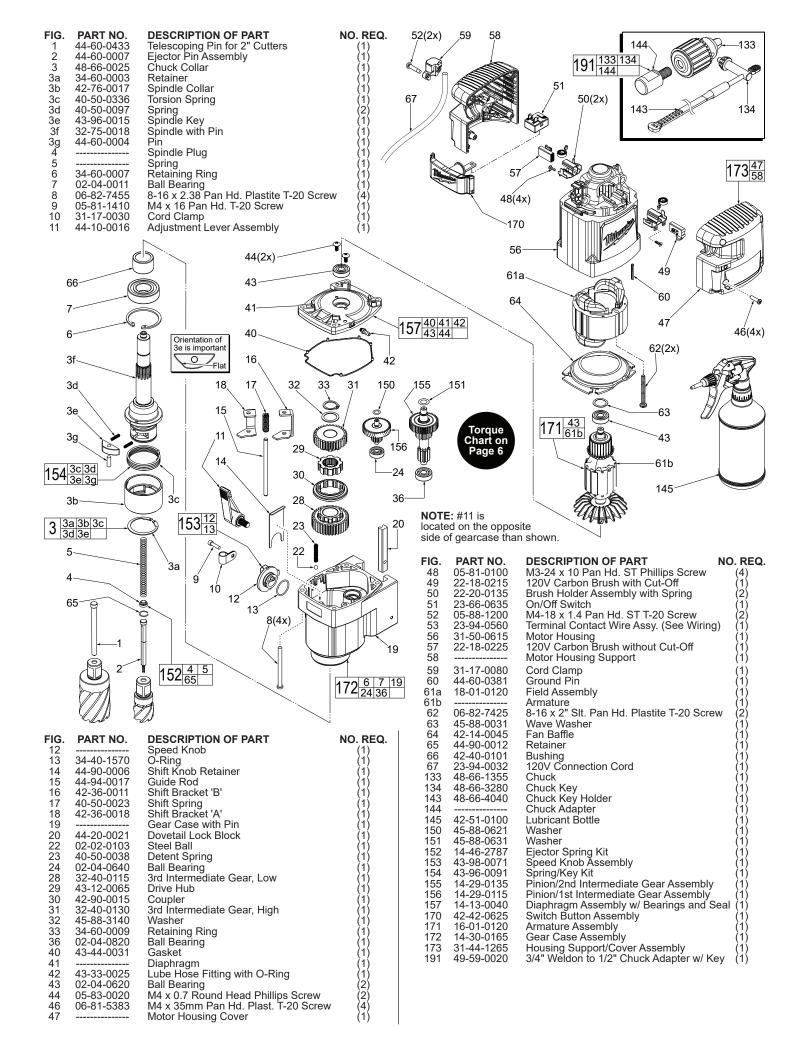


FIG.	PART NO.	DESCRIPTION OF PART	IO. REQ.
44	05-83-0020	M4 x 0.7 Pan Hd. Taptite Screw	(2)
52	05-88-1200	M4 x 16 Pan Hd. Plastite T-20 Screw	(2)
59	31-17-0080	Cord Clamp	(1)
68	06-82-0009	M5 Pan Hd. T-25 Screw	(4)
69	06-82-0011	M4 Pan Hd. T-20 Screw	(7)
70		Housing Cover	(1)
71	43-12-0055	Handle Square 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 So	r. (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)

= (68) 06-82-0009 = (69) 06-82-0011

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
93	23-66-0041	Electromagnetic Switch	(1)
94	22-09-0110	Lower 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. Scre	w (2)
135	42-55-0140	Blow Molded Carrying Case	(1)
138	22-68-0020	Switch Cover	(1)
141	05-81-2787	1/4-20 x 1", 4.5mm Hex Button Hd. Screv	v (4)
142	05-74-0013	3mm Hex Socket Head Cap Screw	(6)
146	45-56-0017	Safety Strap (Not Shown)	(1)
147	05-80-2787	M3 Flat Head Machine Screw	(2)
158	44-81-0070	Dovetail and Rail Kit	(1)
159	36-18-0030	Rack/Gear Shaft Assembly	(1)
160	43-78-0032	Quick Connect Hub Assembly	(1)
174	44-26-0075	Electromagnetic Base	(1)
175	22-09-0105	PCBA/Electronics Assembly	(1)
176	43-76-4272	Housing Assembly	(1)
177	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)

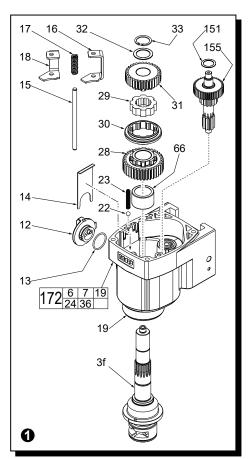
## MILWAUKEE ELECTRIC TOOL CORPORATION





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

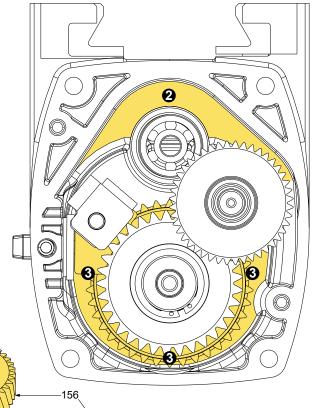
LUBRICATION NOTE: When servicing the drill motor, 90-95% of old grease must be removed prior to new grease being added.

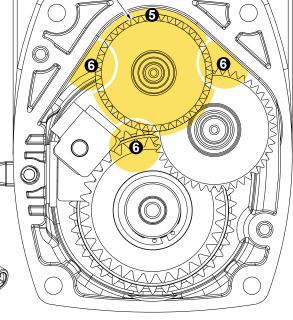


3 to 4 turns in order to remove the Slide (97)

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).





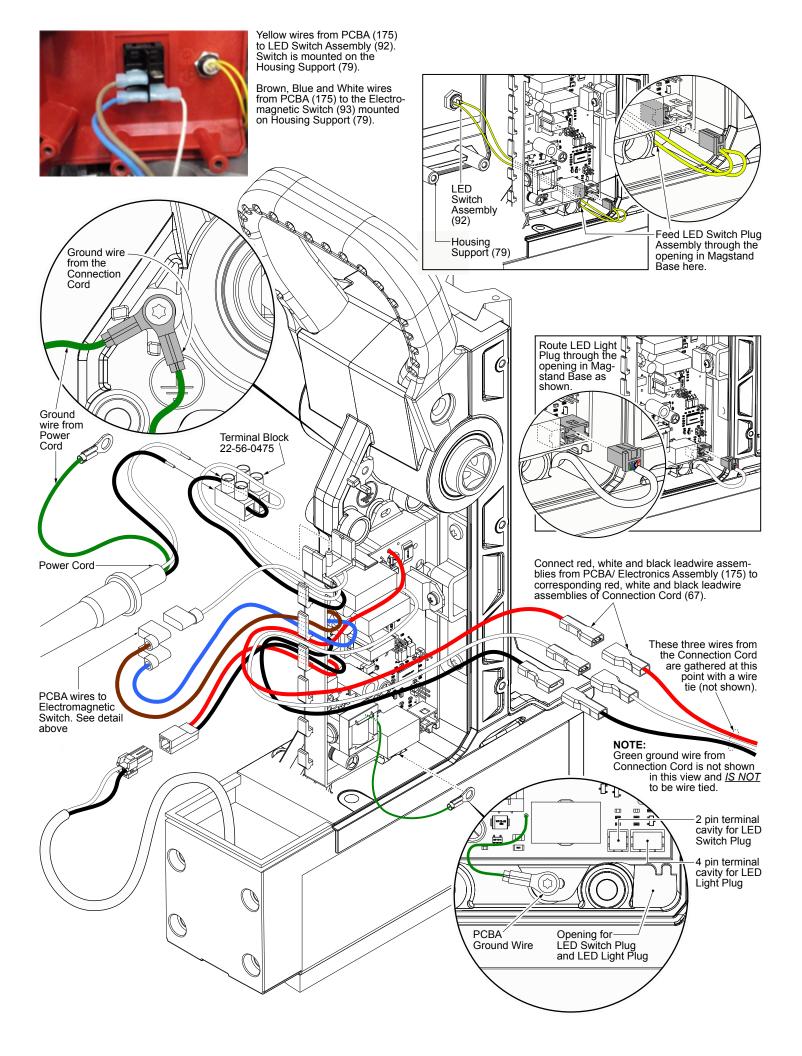
90(3x)147 (2x)  $177\frac{76}{90}$ 75  $158\frac{95}{97}$ Lightly coat the inside 'V' channel of both Dovetail Rails (95) with grease. This bottom screw Place a light coat of grease onto the front (98) must be loosened

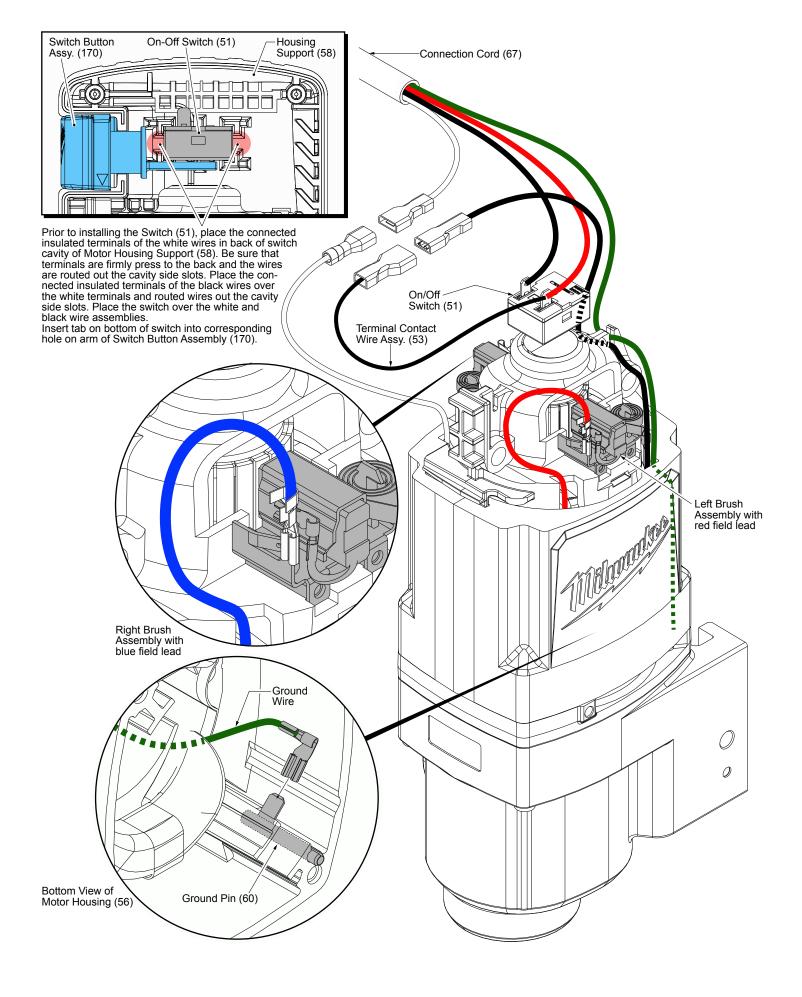
teeth of the Rack (96).

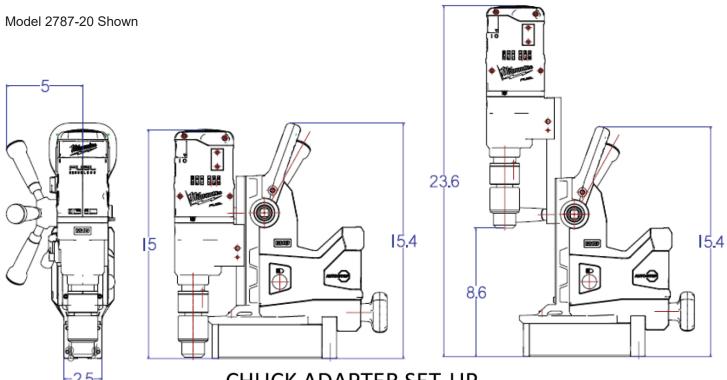
Lightly coat both sides of the two Washers (74) and three Disc Springs (75).

**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** 

