## Milwaukee

## SERVICE PARTS LIST

## **BULLETIN NO.** 54-46-0420

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS

M18™ FUEL™ 1-1/2" Linemen Magnetic Drill

**CATALOG NO. 2788-20** 

STARTING SERIAL NUMBER

**G57A** 

REVISED BULLETIN DATE May 2018

WIRING INSTRUCTION See pages 4 and 5

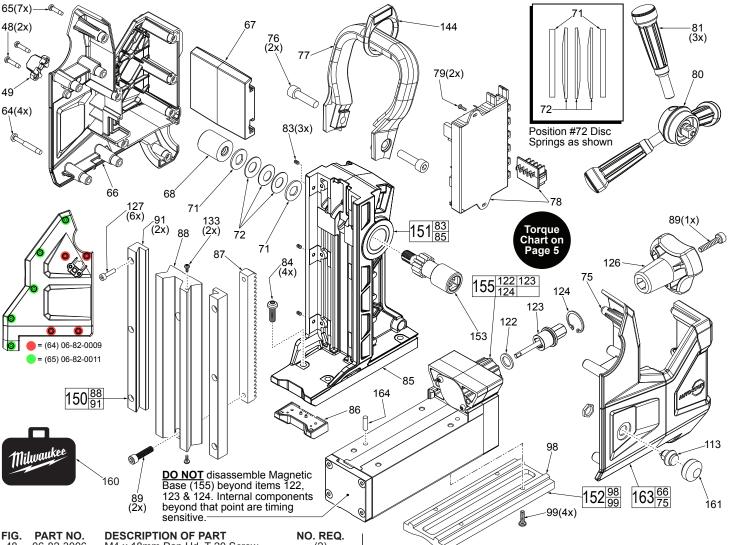
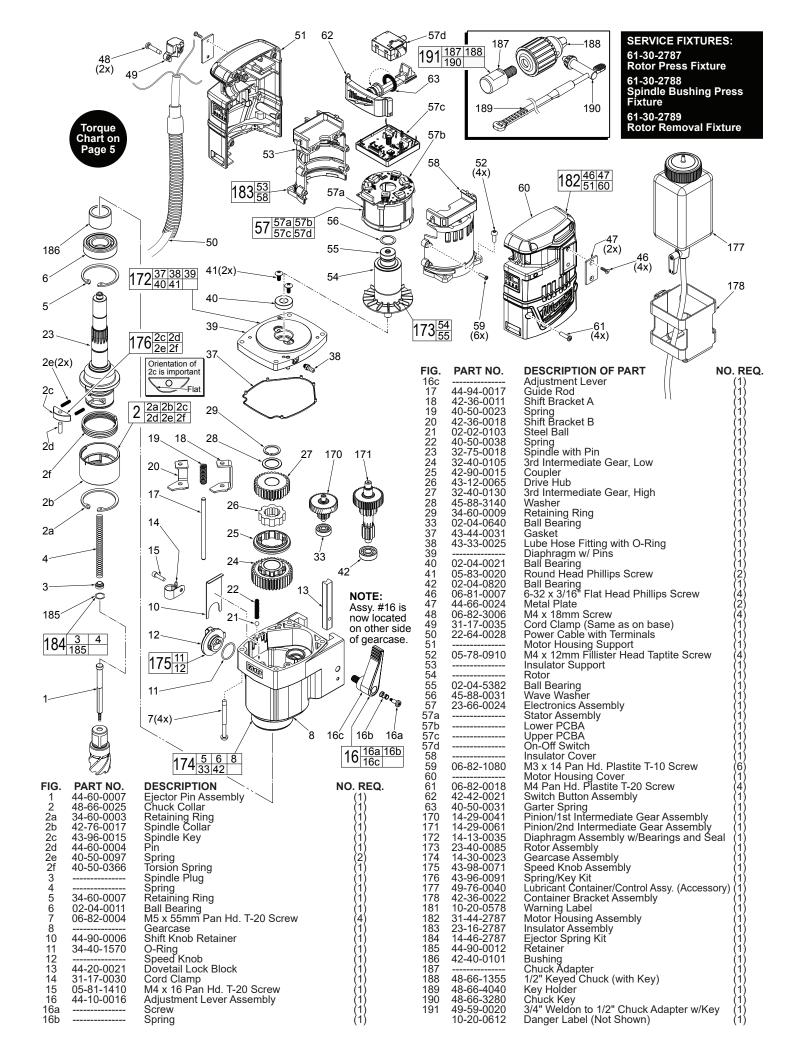


FIG. 48 49 64 65 66 67 68 71 72	PART NO. 06-82-3006 31-17-0035 06-82-0009 06-82-0011 	M4 x 18mm Pan Hd. T-20 Screw Cable Clamp (Same as on drill motor) M5 x 1.5mm Pan Hd. T-25 Screw M4 x .625 Pan Hd. T-25 Screw Housing Cover Battery Pad Handle Square Driver Washer Disc Spring	(2) (1) (4) (7) (1) (1) (1) (2) (3) (1)
75 76 77 78 79 80 81 83 84 85 86 87	05-74-0014 43-62-0017 22-09-0022 05-83-0010 43-78-0032 43-62-0021 06-83-0015 05-81-2787 	Housing Support M8 x 1.125, 6mm Hex Socket Hd. Cap Sc Carrying Handle PCBA/Battery Connector Block Assembly M2.5 x 7/32" Round Hd. Phillips Screw Quick Connect Hub Assembly Feed Handle 2mm Hex Set Screw 1/4-20 x 1", 4.5mm Hex Button Hd. Screw Magstand Base with Bushings Lower Control Board with LED Rack Slide	r (2) (1) (1) (2) (1) (3) (3)
89 91 98 99 113 122 123 124 126	43-98-0047 05-74-0013	1/4-20 x 3/4", 3/16" Hex Socket Hd. Screw Dovetail Rail Insert Adapter 8-32 Screw LED Switch Assembly Rubber Washer Spindle Lock Shaft Retaining Ring Magnet Control Knob 3mm Hex Socket Hd. Cap Screw M3 Flat Head Machine Screw Steel Ring	(1) (2) (1) (4) (1) (1) (1) (1) (6) (2) (1)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
150	44-81-0070	Dovetail and Rail Kit	(1)
151	42-20-0015	Support Housing	(1)
152	48-10-0130	Pipe Adapter Insert Kit (Accessory)	(1)
153	36-18-0030	Rack/Gear Shaft Assembly	(1)
155	42-20-2787	Magnetic Base/Rear Gearcase Assem	bly (1)
160	42-55-0055	Blow Molded Carrying Case	(1)
161	22-68-0020	Rubber Switch Cover	(1)
163	43-76-2787	Housing Assembly	(1)
164	44-60-0002	Alignment Pin	(1)
	45-56-0017	Safety Strap (Not Shown)	(1)
	12-20-0057	Service Nameplate (Not Shown)	(1)
	10-20-0503	Warning Label (Not Shown)	(1)
	10-20-0614	Knob Label (Not Shown)	(1)
	10-20-0616	Permanent Magnet Labél (Not Shown)	) (1)
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Model 2788-20 M18™ FUEL Magnetic Drill (Serial Break 'A') is designed to operate off of several different M18 REDLITHIUM™ battery sizes from a 1.5 amp-hours to 9.0

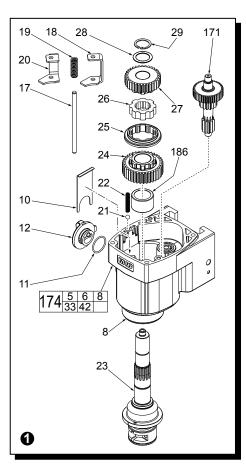
To power a 2788-20 M18™ FUEL Magnetic Drill (Serial Break 'A') with a 48-11-1812 M18™ REDLITHIUM™ 12.0 amp-hour battery, 12.0 Upgrade Service Kit 14-46-0092 must be ordered to accomodate the larger size battery.





**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.



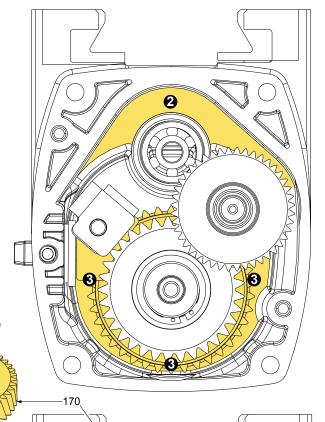
3 to 4 turns in order to remove the Slide (97)

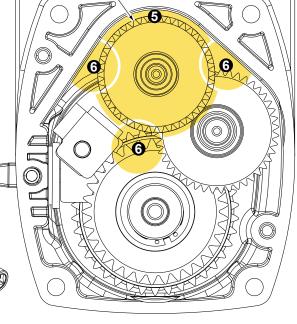
and the Rack (96).

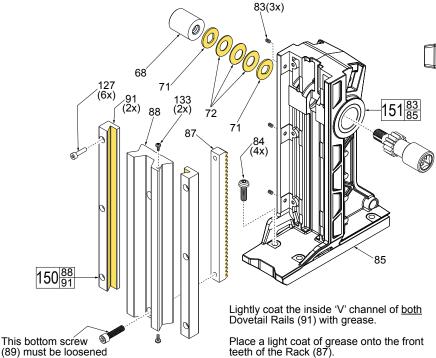
- 1 Install parts shown into/onto Gear Case Assembly (174) prior to applying any lubrication.
- Apply 13 grams (approximately .45 ounces) of grease in this area of the gear case prior to installing the Pinion/1st Intermediate Gear Assembly (170).
- With the aid of a grease gun, place 26 grams (approximately .9 ounces) in and around the gear case cavity for the 3rd Intermediate Gear system (24, 25, 26 and 27).
- Apply a heavy coating of grease over the entire Pinion/1st Intermediate Gear Assembly (170).
- Install the assembly (170) into gear case and place 5-8 grams (.17-.28 ounces) fully around gear space.
- (3) 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 (170).

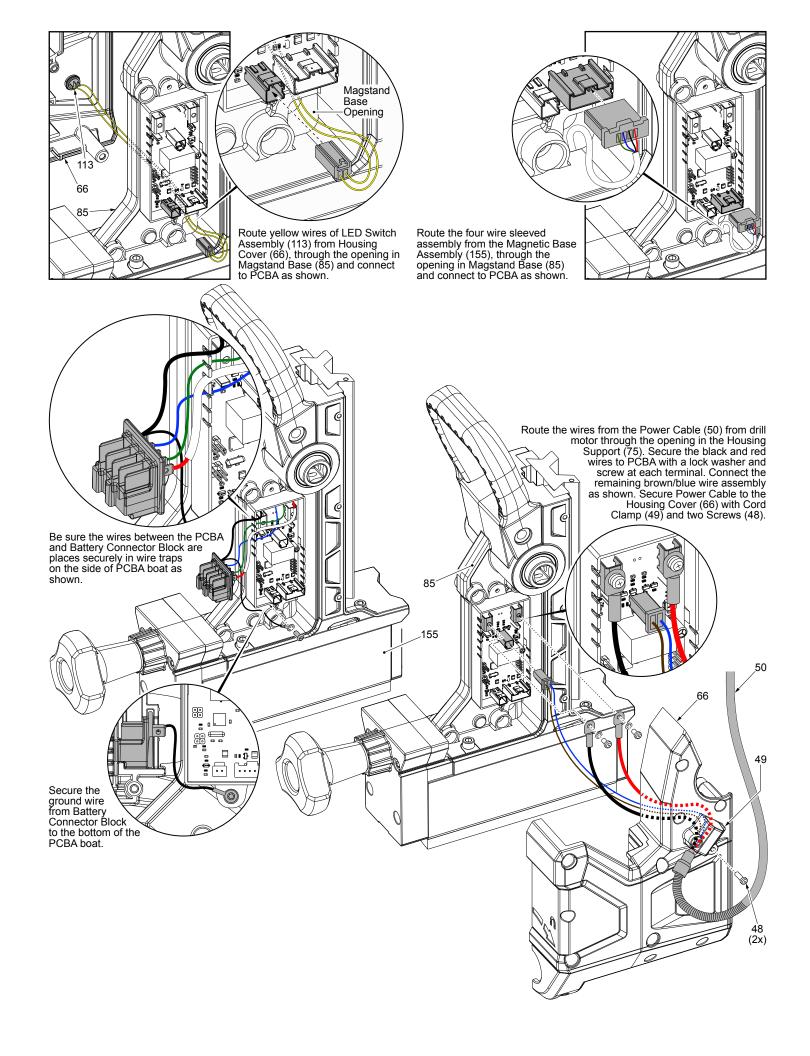
Lightly coat both sides of the two Washers

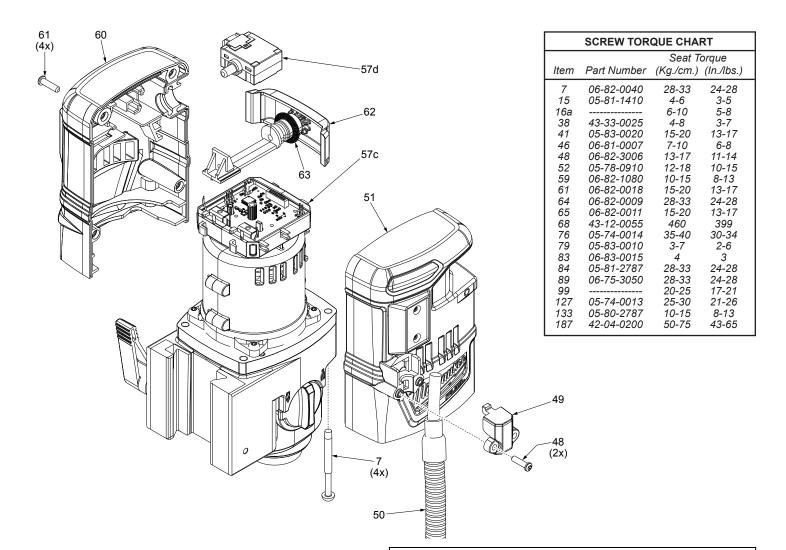
(71) and three Disc Springs (72).

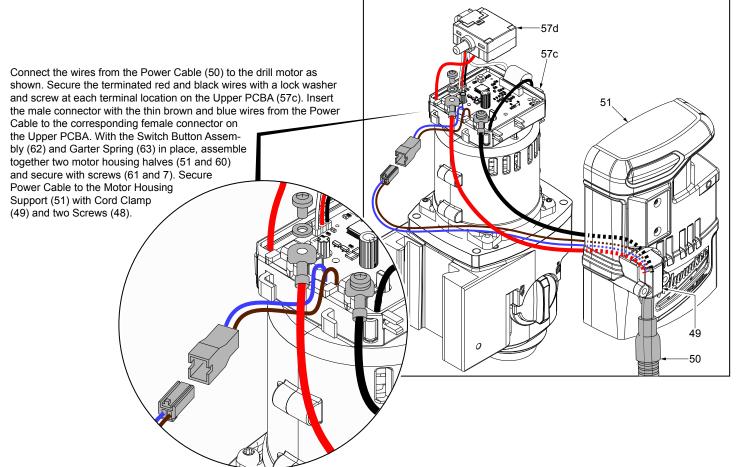


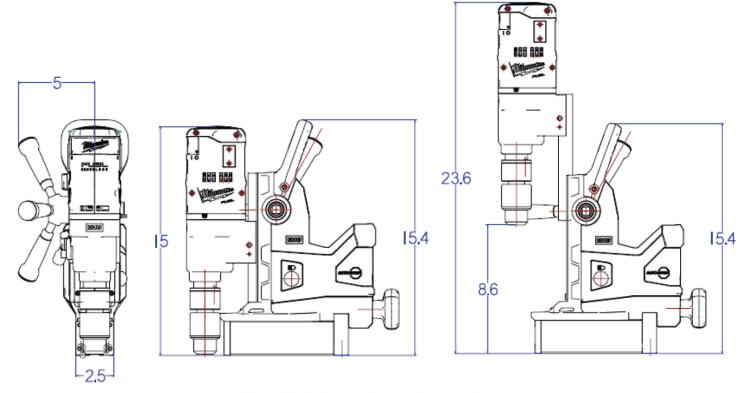












**CHUCK ADAPTER SET-UP** 

