



SERVICE PARTS LIST

BULLETIN NO.
PN0015481

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS

M12 FUEL™ 16 Gauge Scroll Shear

CATALOG NO. 2487-20

SERIAL NO. S44A

REVISED BULLETIN

DATE
Apr. 2026

WIRING INSTRUCTION
See Page 2

NAMEPLATE SPECIFICATIONS: 12 V= 3 600 SPM

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

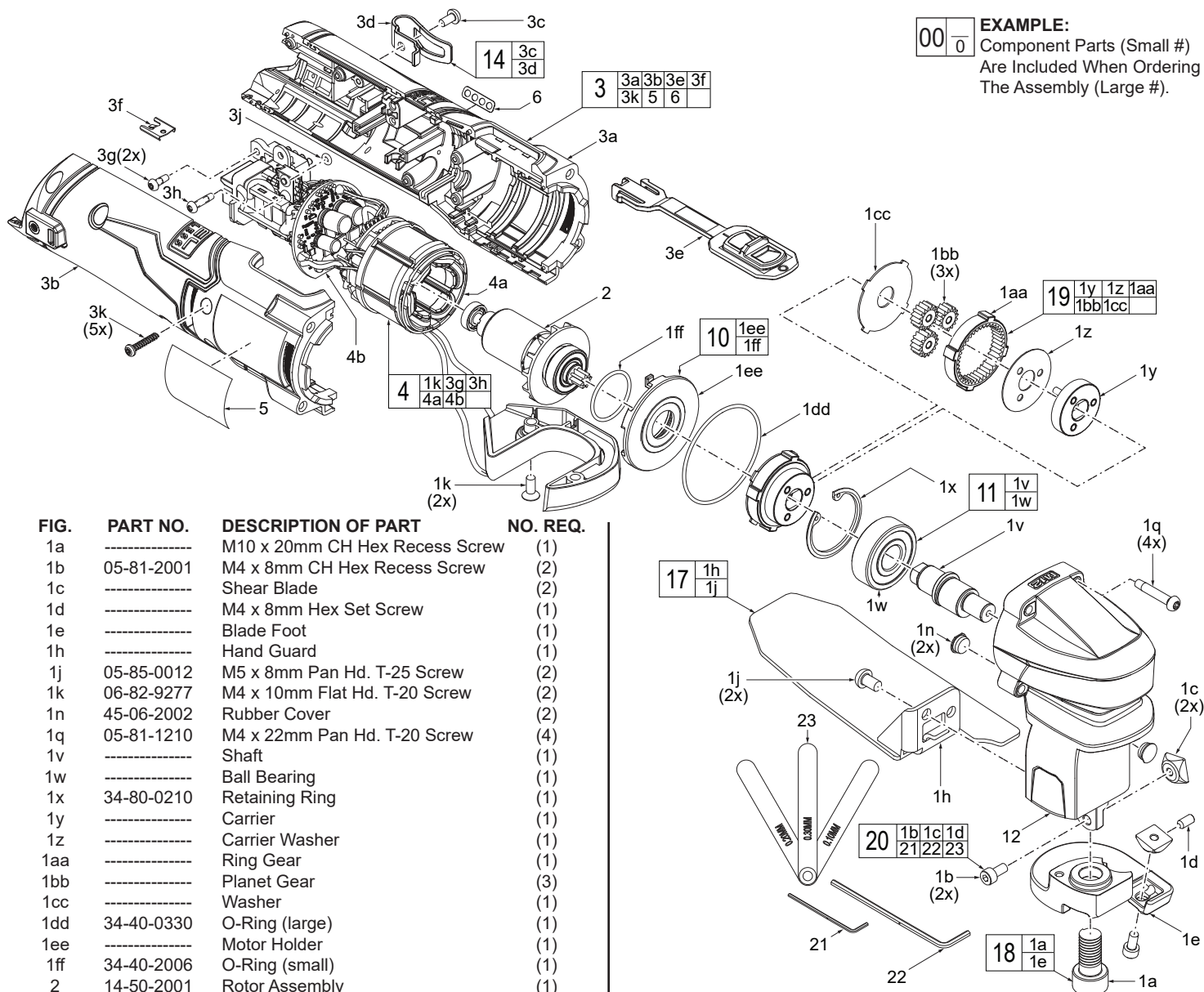


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1a	-----	M10 x 20mm CH Hex Recess Screw	(1)
1b	05-81-2001	M4 x 8mm CH Hex Recess Screw	(2)
1c	-----	Shear Blade	(2)
1d	-----	M4 x 8mm Hex Set Screw	(1)
1e	-----	Blade Foot	(1)
1h	-----	Hand Guard	(1)
1j	05-85-0012	M5 x 8mm Pan Hd. T-25 Screw	(2)
1k	06-82-9277	M4 x 10mm Flat Hd. T-20 Screw	(2)
1n	45-06-2002	Rubber Cover	(2)
1q	05-81-1210	M4 x 22mm Pan Hd. T-20 Screw	(4)
1v	-----	Shaft	(1)
1w	-----	Ball Bearing	(1)
1x	34-80-0210	Retaining Ring	(1)
1y	-----	Carrier	(1)
1z	-----	Carrier Washer	(1)
1aa	-----	Ring Gear	(1)
1bb	-----	Planet Gear	(3)
1cc	-----	Washer	(1)
1dd	34-40-0330	O-Ring (large)	(1)
1ee	-----	Motor Holder	(1)
1ff	34-40-2006	O-Ring (small)	(1)
2	14-50-2001	Rotor Assembly	(1)
3	31-44-2002	Handle Housing Kit	(1)
3a	-----	Housing Support	(1)
3b	-----	Housing Cover	(1)
3c	-----	#6-32 Pan Hd. Torx Screw	(1)
3d	-----	Belt Clip	(1)
3e	31-92-0052	Slide Switch Button	(1)
3f	42-70-0058	Housing Connection Clip	(1)
3g	06-82-0062	M3 x 8mm T-10 Silver Screw	(2)
3h	06-82-1087	M3 x 12mm T-10 Blk Screw	(1)
3j	34-40-0089	Trigger Switch O-Ring	(1)
3k	06-82-7210	M3 x 16mm Pan Hd. T-10 Screw	(5)
4	14-20-2003	Electronics Assembly	(1)
4a	-----	Stator	(1)
4b	-----	PCBA Assembly	(1)
5	12-20-2003	Service Nameplate	(1)
6	10-20-2933	Gauge Label	(1)
10	14-46-1003	Motor Holder w/ O-Ring Kit	(1)
11	45-08-2000	Eccentric Shaft and Bearing Assembly	(1)
12	14-30-2000	Gearcase with Piston Assembly	(1)
14	14-46-2476	Belt Clip Kit	(1)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
17	43-54-1002	Hand Guard Kit	(1)
18	30-82-0100	Foot Kit	(1)
19	32-65-0021	Gear Assembly	(1)
20	48-44-2771	Blade Accessory Kit	(1)
21	49-96-0035	2mm Hex Key	(1)
22	49-96-0027	3mm Hex Key	(1)
23	-----	Feeler Gauge	(1)

FIG. NOTES

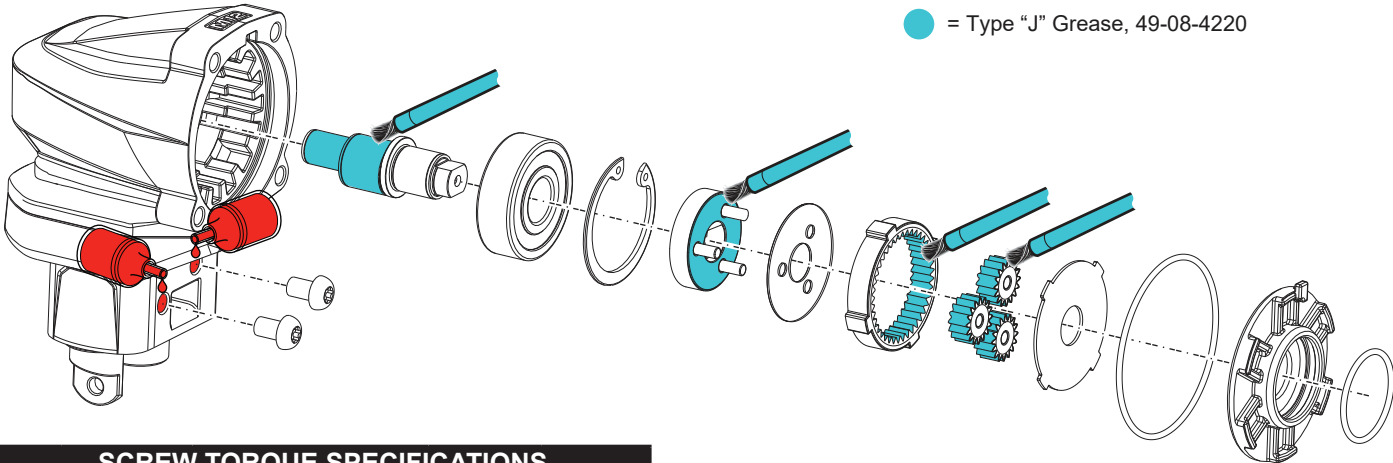
5,6

A clean, dry surface is essential for proper performance for any adhesive system. The area intended for application of any adhesive label or nameplate must be prepared by cleaning with isopropyl alcohol. The solvent is to be applied with a clean, lint free applicator and the surface allowed to dry before applying the label or nameplate.

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Drwg. 1

LUBRICATION

- = Red Loctite 263 Thread Sealant, 44-22-0130
- = Type "J" Grease, 49-08-4220



SCREW TORQUE SPECIFICATIONS

FIG.	PART NO.	WHERE USED	SEAT TORQUE	
			kgf-cm	lb-in
1a	-----	Foot	300±30	260±26
1b	05-81-2001	Blade/Piston	36±5	31±4
1d	-----	Blade	3.5±0.5	3.0±0.4
1j	05-85-0012	Hand Guard	40±4	35±3
1k	06-82-9277	LED	8±1	7±1
1q	05-81-1210	Gearcase	15±1.5	13±1.3
3c	-----	Belt Clip	9-12	8-10
3g	06-82-0062	Power Indicator Lens	6-8	5-7
3h	06-82-1087	Switch	3.5±0.5	3.0±0.4
3k	06-82-7210	Housing	8-10	7-9



NOTE
Regarding parts to receive thread locking sealant:
Place one to two drops of the recommended Loctite® thread locking sealant (or the equivalent) to the threads of parts shown prior to installation.



NOTE
Regarding parts to be lubricated:
Apply a light coating of grease to all highlighted parts shown prior to installation. Reference the key above for grease types.

WIRE ROUTING

