



SERVICE PARTS LIST

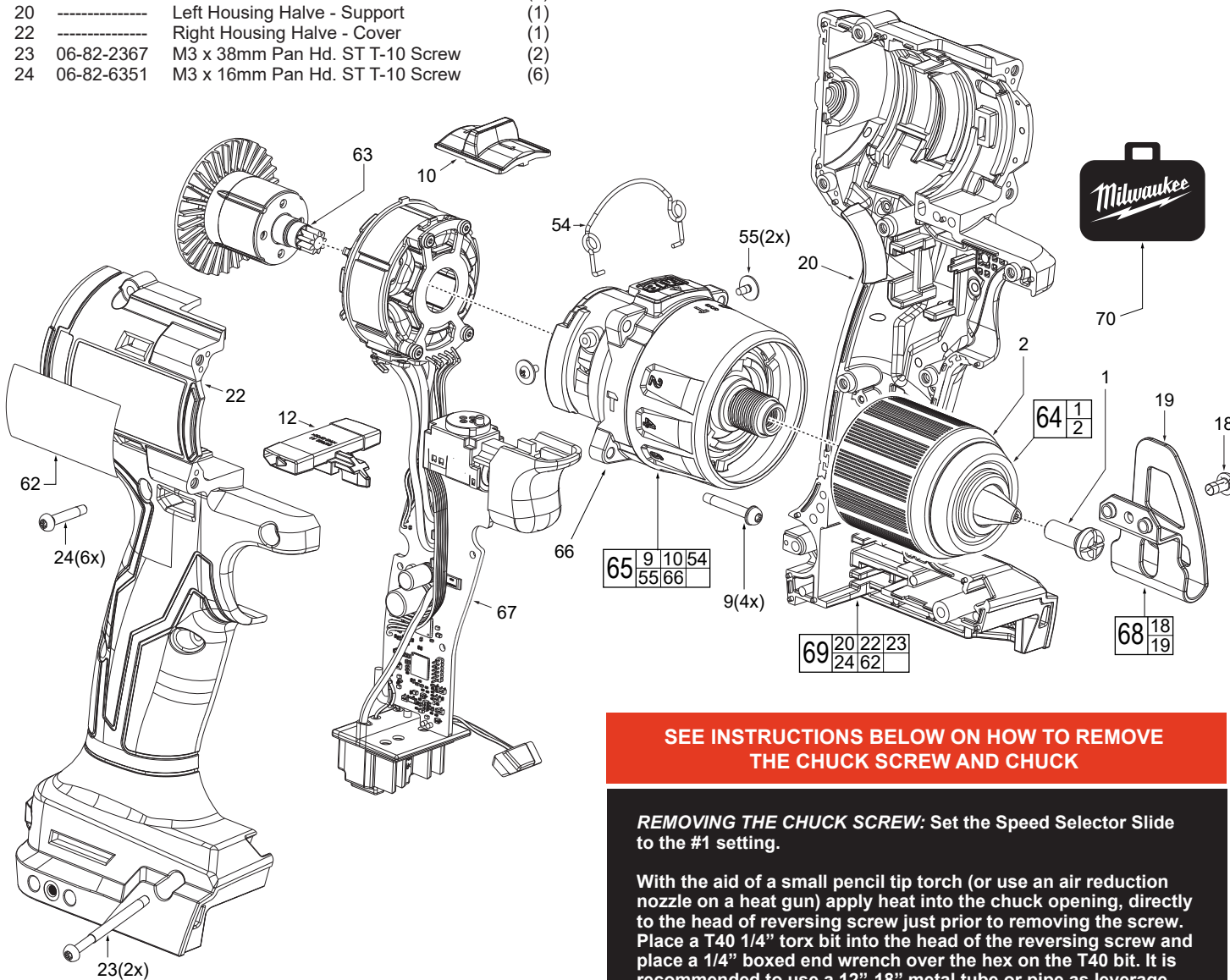
BULLETIN NO.
54-24-2995

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
M18™ Compact Brushless Hammer-Drill			April 2023
CATALOG NO.	3602-20	STARTING SERIAL NO.	N67A
		WIRING INSTRUCTION SEE PAGE 2	

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	05-88-0202	M6.0 x 13mm Chuck Screw	(1)
2	-----	1/2" Keyless Chuck	(1)
9	06-82-7337	M4 x 20mm Pan Hd. ST T-10 w/Washer Scr.	(4)
10	45-24-2880	Speed Selector	(1)
12	42-42-7015	Forward/Reverse Shuttle	(1)
18	06-82-2500	#6-32 PH Torx T-15 Screw	(1)
19	-----	Belt Hook	(1)
20	-----	Left Housing Halve - Support	(1)
22	-----	Right Housing Halve - Cover	(1)
23	06-82-2367	M3 x 38mm Pan Hd. ST T-10 Screw	(2)
24	06-82-6351	M3 x 16mm Pan Hd. ST T-10 Screw	(6)

EXAMPLE:
00 0 Component Parts (Small #) Are Included
When Ordering The Assembly (Large #).

See page 3 for fastener
tightening procedure and
torque specifications.



SEE INSTRUCTIONS BELOW ON HOW TO REMOVE THE CHUCK SCREW AND CHUCK

REMOVING THE CHUCK SCREW: Set the Speed Selector Slide to the #1 setting.

With the aid of a small pencil tip torch (or use an air reduction nozzle on a heat gun) apply heat into the chuck opening, directly to the head of reversing screw just prior to removing the screw. Place a T40 1/4" torx bit into the head of the reversing screw and place a 1/4" boxed end wrench over the hex on the T40 bit. It is recommended to use a 12"-18" metal tube or pipe as leverage over the boxed wrench. In a clockwise direction apply a slow, steady force on the 'cheater bar' to break the screw loose.

REMOVING THE KEYLESS CHUCK:

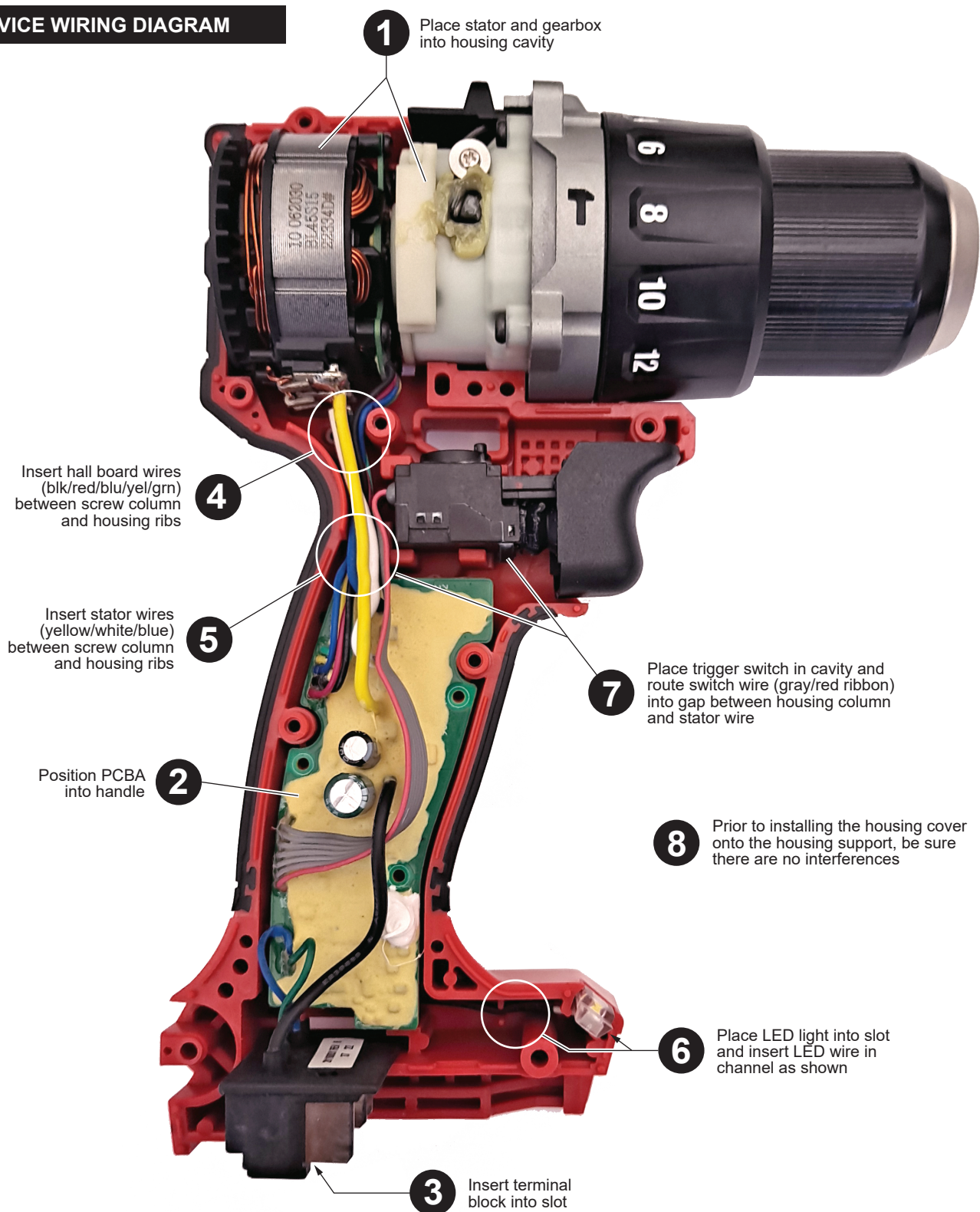
the tool into a vise with soft jaws (this will require that you remove the belt clip from the tool). It is recommended to use a 12"-18" metal tube or pipe as leverage over the allen key. In a counter-clockwise direction apply a slow, steady force on the 'cheater bar' to break the chuck loose.

INSTALLING NEW CHUCK AND SCREW:

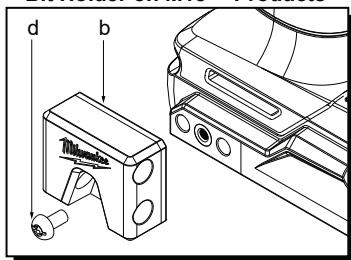
Torque Chuck to 350-375 kgf-cm (304-325 lb-in)
Torque Screw to 104-115 kgf-cm (90-100 lb-in)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
54	44-10-0195	Speed Change Lever	(1)
55	05-81-0542	M2.3 x .794 PWH Philips Screw	(2)
62	12-20-7213	Service Nameplate	(1)
63	16-07-5390	Rotor Service Assembly	(1)
64	14-46-9755	1/2" Chuck Service Kit	(1)
65	14-30-6260	Gearbox Service Assembly	(1)
66	-----	Gearbox	(1)
67	14-20-9230	Electronic Service Assembly	(1)
68	42-70-0950	Belt Clip Service Kit	(1)
69	14-34-6380	Housing Service Assembly	(1)
70	42-55-2692	Contractor Bag	(1)

SERVICE WIRING DIAGRAM



Bit Holder on M18™ Products



49-16-3697 BIT HOLDER KIT (ACCESSORY)

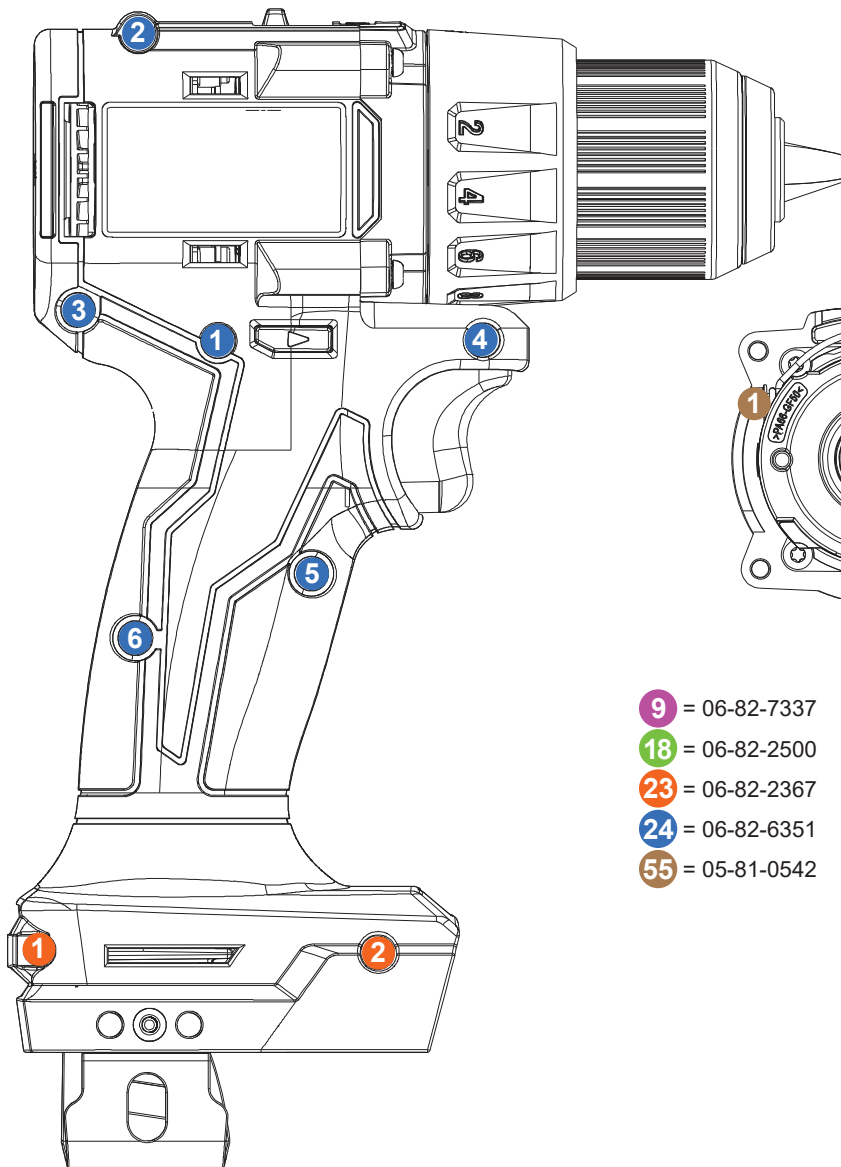
FIG.	PART NO.	DESCRIPTION OF PART
b	-----	Bit Holder
d	06-82-2500	6-32 x 7mm Pan Hd. Phillips Mach. Screw

NOTE: Kit contains an adapter and longer screw that are used on M12 products, discard/do not use.

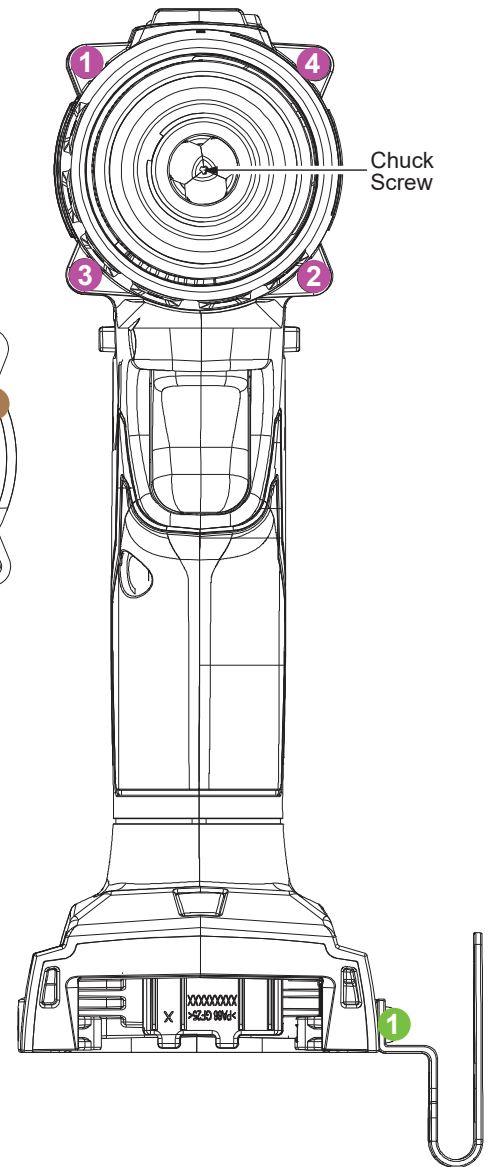
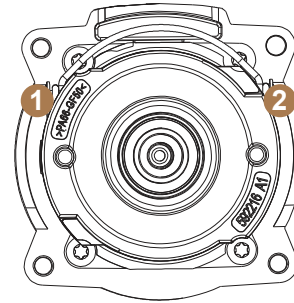
FIG. SERVICE NOTES

- 62** 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.

FASTENER TIGHTENING PROCEDURE



- 9 = 06-82-7337
- 18 = 06-82-2500
- 23 = 06-82-2367
- 24 = 06-82-6351
- 55 = 05-81-0542



SCREW TORQUE SPECIFICATIONS

FIG.	PART NO.	DESCRIPTION OF FASTENER	WHERE USED	SEAT TORQUE	
				(kgf-cm)	(lb-in)
9	06-82-7337	M4 x 20mm Pan Hd. ST T-10 w/Washer	Gearbox Service Assembly (Steps 1 thru 4)	9-11	8-10
18	06-82-2500	#6-32 x 7mm Pan Hd. Machine Screw	Belt Clip / Right Housing Halve	14-18	12-16
23	06-82-2367	M3 x 38mm Pan Hd. ST T-10 Screw	Right Housing Halve - Lower Cover (Steps 1 and 2)	10-12	9-10
24	06-82-6351	M3 x 16mm Pan Hd. ST T-10 Screw	Right Housing Halve - Upper Cover (Steps 1 thru 6)	9-11	8-10
55	05-81-0542	M2.3 x .794 PWH Philips Screw	Gearbox Service Assembly (Steps 1 and 2)	2-4	2-3
1	05-88-0202	M6.0 x 1 LH PH Chuck Screw	Chuck / Gearbox Spindle	104-115	90-100
2	-----	1/2" Keyless Chuck	Gearbox Spindle	350-375	304-325