



M18 CLT

SERVICE PARTS DIAGRAM

TTI Model Number: 018 201 007DG9, 009DG9, 019DG9, 020DG9, 022DG9

M18 FUEL™ STRING TRIMMER

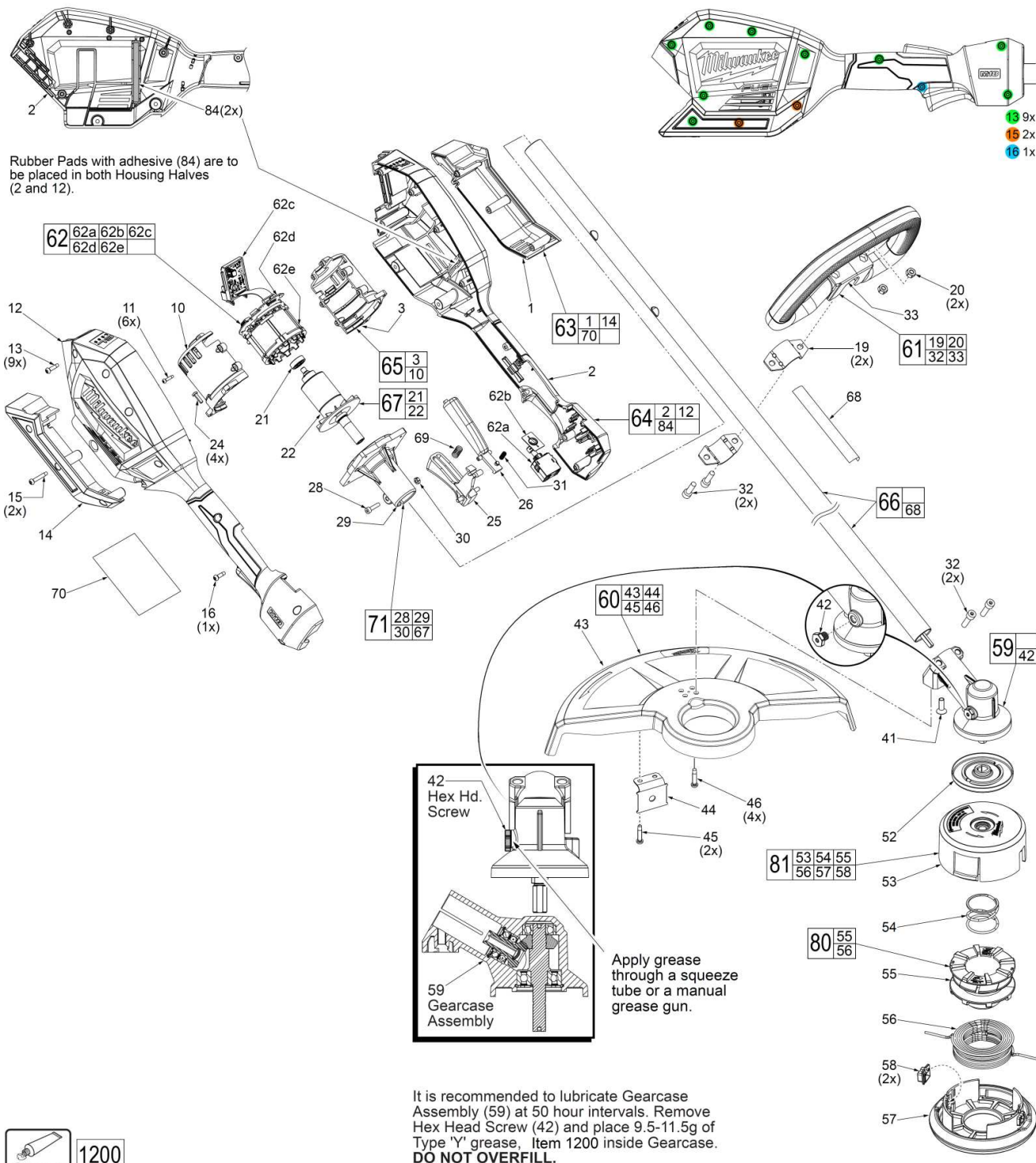
Bulletin Date:

Mar-20

Starting Serial Number:

VERSION A - A2017

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



	<h1>M18 CLT</h1> <p>SERVICE PARTS LIST</p>	<p>Bulletin Date: Mar-20</p>
	<p>TTI Model Number: 018 201 007DG9, 009DG9, 019DG9, 020DG9, 022DG9</p>	<p>Starting Serial Number:</p>
	<p>M18 FUEL™ STRING TRIMMER</p>	<p>VERSION A - A2017</p>

ITEM	PART NUMBER	PART DESCRIPTION	QTY (PCS)
1	-	LOWER COVER HALVE-LEFT	1
2	-	HOUSING SUPPORT-LEFT	1
3	-	MOTOR INSULATOR-LEFT	1
10	-	MOTOR INSULATOR-RIGHT	1
11	660570005	M3 X 14MM SCREW	6
12	-	HOUSING COVER-RIGHT	1
13	660024030	M4 X 16MM SCREW	9
14	-	LOWER COVER HALVE-RIGHT	1
15	660024035	M4 X 28MM SCREW	2
16	660024056	M4 X 13.5 SCREW	1
19	637350001	CARRIER HANDLE CLIP	2
20	680751006	M6 HEX NUT	2
21	681400003	BALL BEARING	1
22	298078008	ROTOR WITH DRIVE SHAFT COUPLING	1
24	661122001	6-19 X 1/2" SCREW	4
25	531365001	ON-OFF TRIGGER	1
26	531349001	RELEASE TRIGGER	1
28	660414014	M4 X 20MM SCREW	1
29	311978001	MOTOR MOUNT ASSEMBLY WITH BEARING	1
30	680022004	M4 HEX NUT	1
31	695459001	SPRING	1
32	662592001	M6 X 21.5MM SCREW	4
33	-	CARRIER HANDLE	1
41	661379002	M6 X 18MM SCREW	1
42	662403001	M8 X 1.25 SCREW	1
43	-	STRING GUARD	1
44	682070001	LINE CUT-OFF BLADE	1
45	660385013	M5 X 15MM SCREW	2
46	661379004	M6 X 14MM SCREW	4
52	311962001	LOCK PLATE ASSEMBLY	1
53	312954001	TRIMMER HEAD BODY	1
54	696371001	TRIMMER HEAD SPRING	1
55	533525001	SPOOL AND BUMP KNOB	1
56	903270004	0.080" X 150' STRING	1
57	313005001	TRIMMER HEAD COVER	1
58	643156001	GUIDELINE EYELETS	2

	<div> M18 CLT SERVICE PARTS LIST TTI Model Number: 018 201 007DG9, 009DG9, 019DG9, 020DG9, 022DG9 M18 FUEL™ STRING TRIMMER </div>	<div> Bulletin Date: Mar-20 Starting Serial Number: VERSION A - A2017 </div>
---	---	---

ITEM	PART NUMBER	PART DESCRIPTION	QTY (PCS)
59	208218001	GEARCASE ASSEMBLY	1
60	204239002	STRING GUARD ASSEMBLY	1
61	204240001	CARRIER HANDLE ASSEMBLE	1
62	208198001	ELECTRONICS ASSEMBLY	1
62a	-	ON-OFF SWITCH	1
62b	-	TWO SPEED SELECTOT/PCBA ASSEMBLY	1
62c	-	BATTERY CONNECTOR/PCBA ASSEMBLY	1
62d	-	HALL BOARD ASSEMBLY	1
62e	-	STATOR ASSEMBLY	1
63	204242003	LOWER COVER KIT (NEW)	1
63	204243002	LOWER COVER KIT (OLD)	1
64	204243002	HOUSING KIT (NEW)	1
64	204244001	HOUSING KIT (OLD)	1
65	204244001	MOTOR INSULATOR KIT (NEW)	1
65	204242003	MOTOR INSULATOR KIT (OLD)	1
66	208199003	DRIVE SHAFT ASSEMBLY (NEW)	1
66	208199002	DRIVE SHAFT ASSEMBLY (OLD)	1
67	208197001	ROTOR ASSEMBLY	1
68	940221412	WARNING LABEL	1
69	695831001	BIAS SPRING	1
70	941048103	RATING LABEL	1
71	208196001	ROTOR/MOTOR MOUNT ASSEMBLY	1
80	-	LOADED REPLACEMENT SPOOL	1
81	-	LOADED REPLACEMENT HEAD	1
83	694738004	T-30 KEY (NOT SHOWN)	1
84	564240001	RUBBER PAD WITH ADHESIVE (SET OF 2)	1
1200	-	TYPE Y GREASE	1



M18 CLT

SERVICE INSTRUCTION

TTI Model Number: 018 201 007DG9, 009DG9, 019DG9, 020DG9, 022DG9

M18 FUEL™ STRING TRIMMER

Bulletin Date:

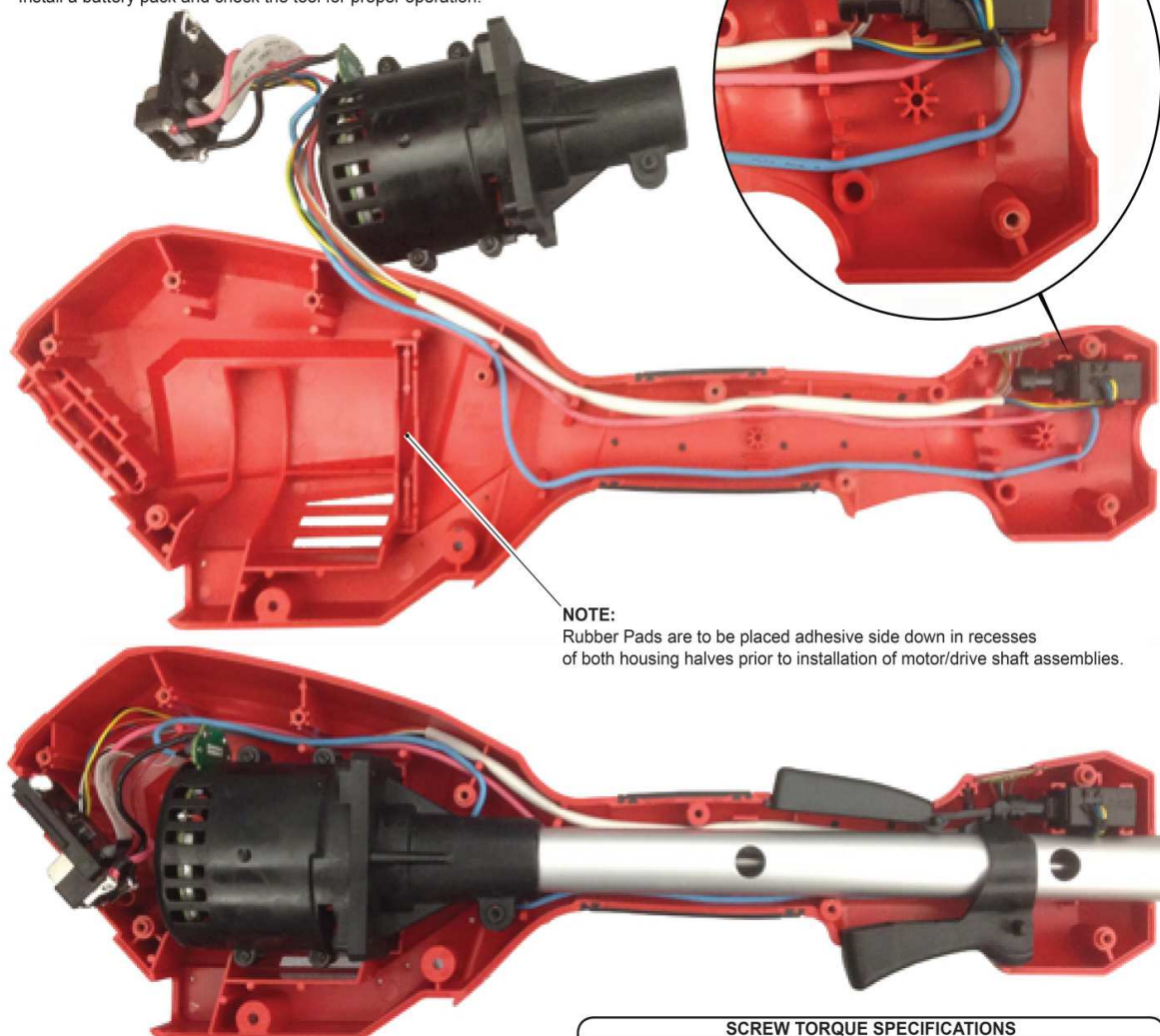
Mar-20

Starting Serial Number:

VERSION A - A2017

WIRING INSTRUCTION

- Place On-Off Switch (62a) and Two Speed Selector PCBA (62b) squarely and firmly in the cavities of the Support Housing (2).
- Route wires from those components through the wire traps in the Support Housing, removing as much slack in the wires along the way.
- The Rotor/Stator Assemblies (62d, 62e, 67) are captured in the Motor Insulator/Motor Mount Assemblies (65, 71). Place these components squarely and firmly in the cavities of the Support Housing.
- Route wires from those components through wire traps in the Support Housing, removing as much slack in the wires along the way.
- Place Battery Connector/PCBA squarely and firmly in the cavity of the Support Housing.
- Be sure to tuck all wires and sleeved wire assemblies to the bottom of all wire traps.
- Carefully insert Drive Shaft Assembly (66) into the Rotor/Motor Mount Assembly (71). Be sure to orient Drive Shaft so the two holes are perpendicular to the Support Housing. Tighten Hex Screw (28) with a 3mm hex wrench to secure Drive Shaft to Motor Mount.
- Reinstall On-Off Trigger (25), Release Trigger (26) and Release Trigger Spring (31).
- Carefully place Housing Cover (12) onto Housing Support being sure to check for any interference and secure with Screws (13).
- Attach the Lower Cover Halves (63) with Screws (15).
- Check for the proper functionality of the On-Off Trigger (25) and Release Trigger (26).
- Install a battery pack and check the tool for proper operation.



NOTE:

Rubber Pads are to be placed adhesive side down in recesses of both housing halves prior to installation of motor/drive shaft assemblies.

**ALWAYS REMOVE BATTERY PACK
BEFORE PERFORMING ANY
MAINTENANCE OR REPAIRS**

SCREW TORQUE SPECIFICATIONS

FIG.	PART NO.	WHERE USED	SEAT TORQUE	
			(KG/CM)	(Nm)
11	660570005	Motor Insulator	12.0-16.0	1.175-1.559
13	660024030	Housing Cover	15.0-20.0	1.469-1.955
15	660024035	Lower Cover	15.0-20.0	1.469-1.955
16	660024056	Housing Cover	15.0-20.0	1.469-1.955
24	661122001	Motor Insulator	12.0-16.0	1.175-1.559
28	660414014	Motor Mount	11.0-14.0	1.074-1.367
32	662592001	Carrier Handle	25.0-28.0	2.441-2.746
32	662592001	Gearcase Assy.	25.0-28.0	2.441-2.746
41	661379002	Gearcase Assy.	20.0-25.0	1.955-2.441
42	662403001	Gearcase Assy.		
45	660385013	Line Cut-Off Blade	15.0-20.0	1.469-1.955
46	661379004	String Guard Assy.	28.0-32.0	2.746-3.616
53	-----	Trimmer Head	145-155	14.215-15.199