



M18 BLT

SERVICE PARTS DIAGRAM

TTI Model Number: 018 528 010

M18 BRUSHLESS LINE TRIMMER

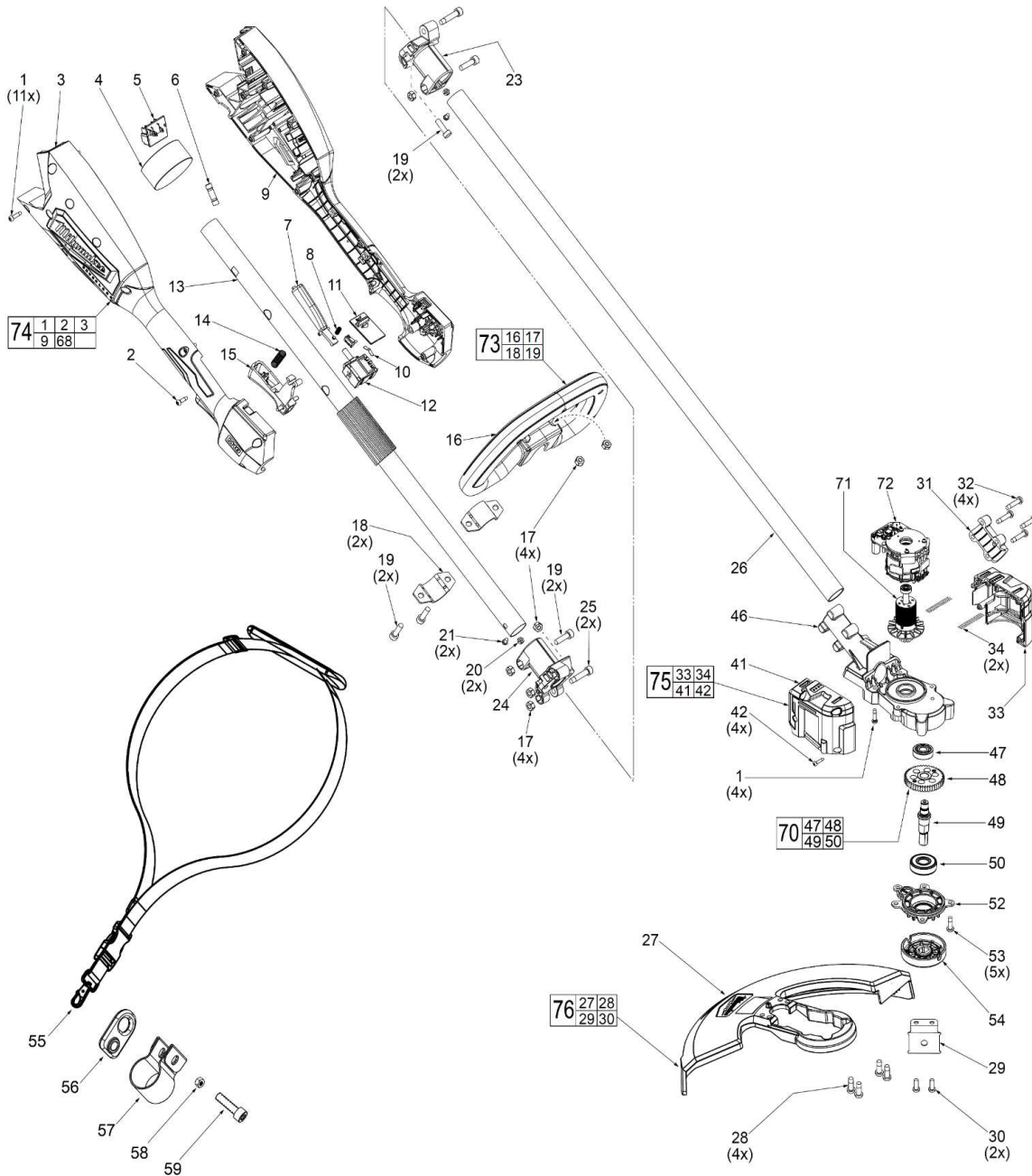
Bulletin Date:

May-21

Starting Serial Number:

VERSION A -

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



	M18 BLT SERVICE PARTS LIST	Bulletin Date: May-21
	TTI Model Number: 018 528 010 M18 BRUSHLESS LINE TRIMMER	Starting Serial Number: VERSION A -

ITEM	PART NUMBER	PART DESCRIPTION	QTY (PCS)
1	660024064	ST SCREW M4X1.411 PH TORX T20 B	15
2	660024056	ST SCREW M4.0 PH TORX T20 B	1
3	-	HANDLE COVER	1
4	698533002	COUNTER BALLANCE, LARGE SLUG	1
5	312650001	M18 TERMINAL BLOCK	1
6	698696001	WIRE CONNECTOR	1
7	531349001	RELEASE TRIGGER	1
8	695459001	SPRING FOR TWO ACTION LEVER	1
9	-	HANDLE SUPPORT	1
10	633852003	SPRING PLATE	1
11	360896001	SPEED SELECT	1
12	760585015	SWITCH	1
13	698698001	REAR TUBE	1
14	695831001	TRIGGER SPRING	1
15	531365001	TRIGGER, STRING TRIMMER	1
16	539903001	CARRY HANDLE	1
17	680751006	M6 NUT	8
18	637350001	PLATE, HANDLE CLAMP	2
19	662592001	M SCREW M6x1 CH TORX T30	4
20	680022004	M4 NUT	2
21	660414019	M4 SCREW	2
23	541101001	FRONT COUPLER	1
24	541102001	REAR COUPLER	1
25	663035001	M SCREW M6X1 CH TORX T30	2
26	698517001	FRONT TUBE	1
27	316441001	STRING GUARD	1
28	662690002	M6 SCREW L16	4
29	682070001	LINE BLADE	1
30	661889003	M SCREW M5X0.8 L=13MM	2
31	539655001	CLAMPING,PLATE,	1
32	662506001	M5 ST SCREW T25	4
33	-	MOTOR HOUSING LEFT	1
34	659173001	METAL MESH	2
41	-	MOTOR HOUSING RIGHT	1
42	660570005	ST SCREW,M3	4
46	539654001	GEARCASE	1

	M18 BLLT SERVICE PARTS LIST	Bulletin Date: May-21
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ITEM	PART NUMBER	PART DESCRIPTION	QTY (PCS)
47	681064005	BALL BEARING, NEWLAND ID9XOD24XW7	1
48	614487001	OUTPUT GEAR	1
49	622685001	OUTPUT SHAFT	1
50	692071005	BALL BEARING	1
52	535336001	PLASTIC BEARING PLATE	1
53	662506002	ST SCREW,STEEL CH M5.0X1.558 PH TORX T25 B \ L=16MM	5
54	644036001	LOCK PLATE	1
55	903583002	SHOULDER STRAP	1
56	643539001	DIE CASTING, SHOULDER STRAP MOUNTING	1
57	635760001	BAND, SHOULDER STRAP MOUNTING	1
58	661348001	NYLON INSERT NUT	1
59	662592001	M SCREW M6x1 CH TORX T30	1
70	208528004	GEAR ASSEMBLY	1
71	208528003	G2 ST ROTOR ASSEMBLY	1
72	208528005	G2 ST STATOR AND PCBA ASSEMBLY	1
73	204528004	CARRRY HANDLE ASSEMBLY	1
74	204528009	HANDLE SERVICE KIT	1
75	204528010	MOTOR HOUSING	1
76	204528007	GUARD ASSEMBLY	1
1200	-	TYPE J GREASE	1



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SERVICE INSTRUCTION

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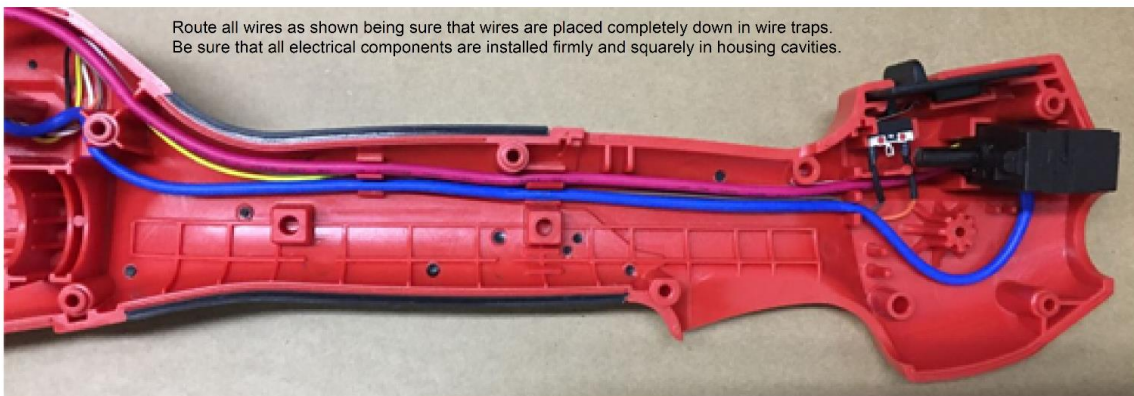
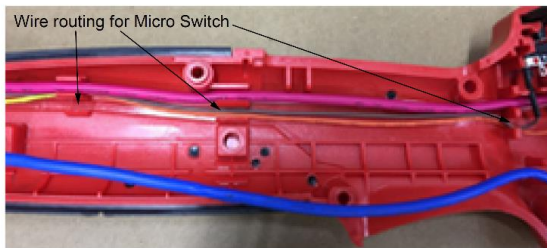
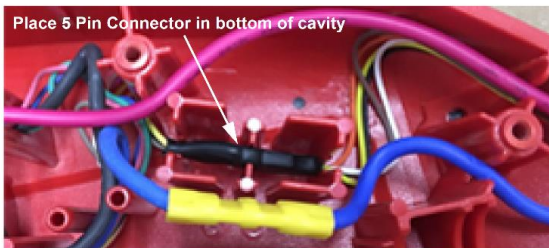
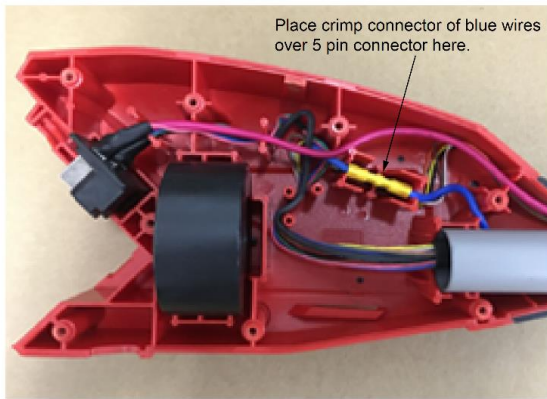
For replacing Electronic Assembly, carefully cut/remove heat shrink tubing from wires and terminals. The following wires need to be unsoldered from the battery terminals:

26 AWG Red to B+.
26 AWG Green to DC.
26 AWG Blue to DP.
12 AWG Black to B-.

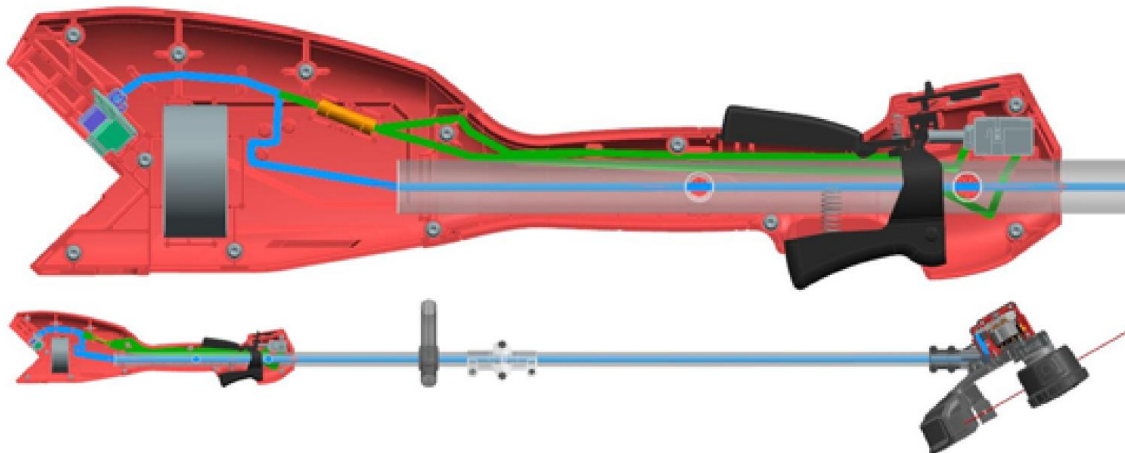
The 12 AWG Blue B+SW wire is crimped to the Blue wire coming from the switch.

The 5 pin connector for remaining signal wires just need to be connected back together.

Be sure to install heat shrink tubing over wires prior to resoldering. After soldering, cover wires and terminals and shrink with heat gun.



Route all wires as shown being sure that wires are placed completely down in wire traps. Be sure that all electrical components are installed firmly and squarely in housing cavities.





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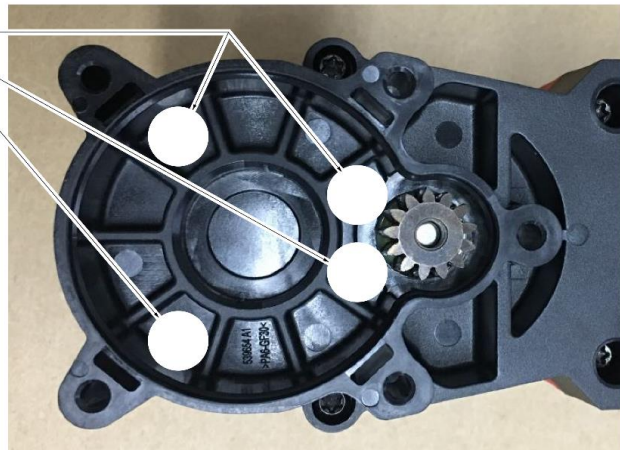
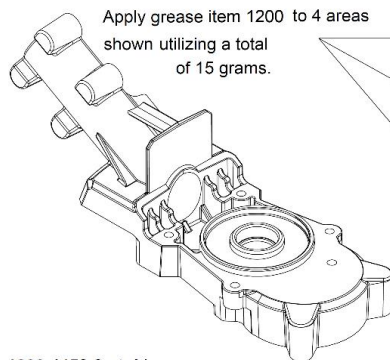
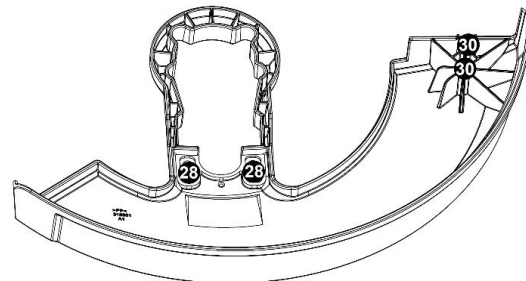
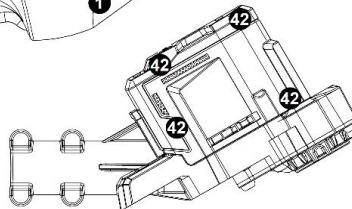
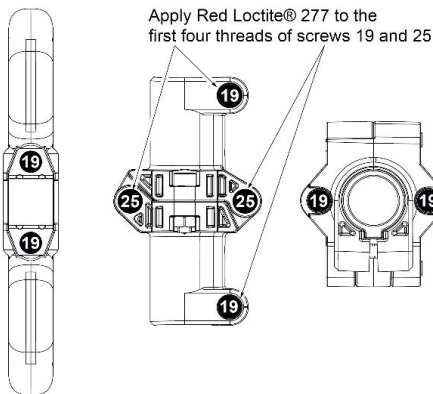
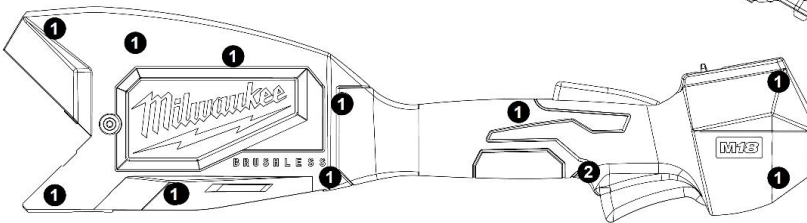
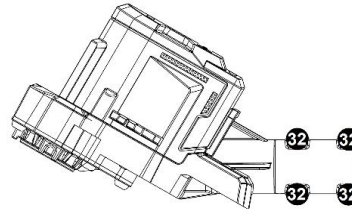
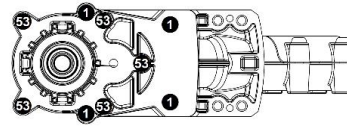
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SCREW TORQUE SPECIFICATIONS

FIG.	PART NO.	WHERE USED	SEAT TORQUE	
			(KG/CM)	(Nm)
1	660024064	Handle Halve-Cover	9-11	0.9-1.0
1	660024064	Gearcase	16-19	1.58-1.80
2	660024056	Handle Halve-Cover	9-11	0.9-1.0
19	662592001	Carrier Handle	30-35	2.94-3.39
19	662592001	Rear Coupler	20-25	1.92-2.37
19	662592001	Front Coupler	20-25	1.92-2.37
21	660414019	Rear Tube	10-14	8-12
25	663035001	Rear Coupler	28-30	0.90-1.36
28	662690002	String Guard	30-35	2.94-3.39
30	661889003	Line Cut-Off Blade	20-24	1.92-2.26
32	662506001	Clamping Plate	25-28	2.37-2.71
42	660570005	Motor Housing-Right	8-10	0.79-0.90
53	662506002	Bearing Plate	21-25	2.03-2.37



LUBRICATION

Use Grease Item 1200 (453.6g tub)

NOTE: When servicing, remove 90-95% of the existing grease prior to installing item 1200. Original grease may be similar in color but not compatible with item 1200. Clean gear assemblies with a clean, dry cloth.