



RE·BAR·TIER™

RB443T

Re-Bar Twin Tier



OPERATING & MAINTENANCE MANUAL



WARNING

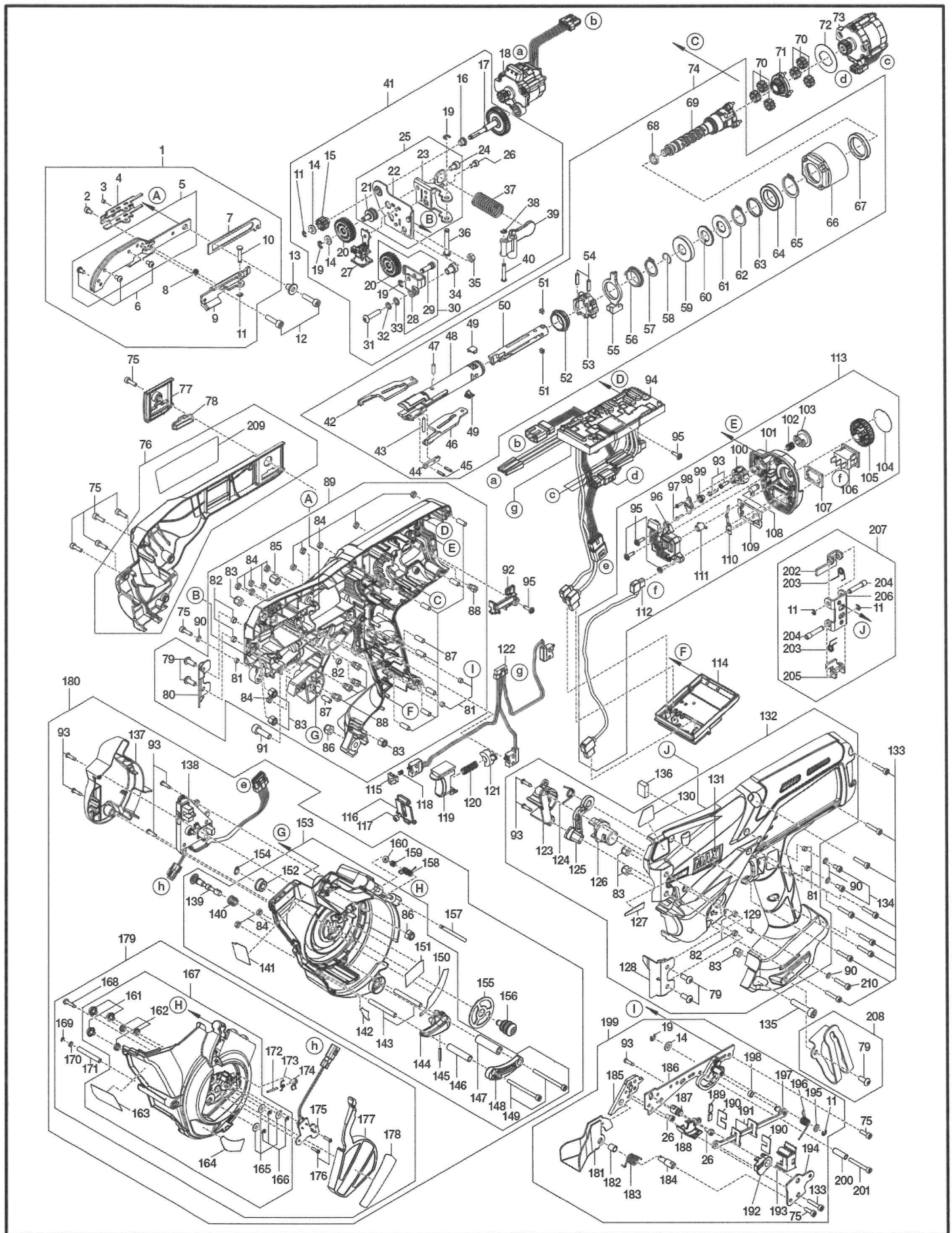
BEFORE USING THIS TOOL, STUDY THIS MANUAL TO ENSURE SAFETY WARNING AND INSTRUCTIONS.

KEEP THESE INSTRUCTIONS WITH THE TOOL FOR FUTURE REFERENCE.

MAY 2025

RB443T

EXPLODED VIEW & SPARE PARTS LIST



Parts List of MAX RB443T TwinTier

Part No	Part Code	Description	Part No	Part Code	Description	Part No	Part Code	Description
1	RB71027	ARM A ASSY	72	RB12623	WASHER, TWIST AXIS	143	FF51819	HOLLOW PIN 1819
2	BB40481	BOLT 3X5	73	RB71026	TWISTING MOTOR	144	RB12672	MAGAZINE STOPPER
3	AA71408	SCREW 3 X 3	74	RB71022	TWIST ASSY	145	FF21629	SPRING PIN 2X14
4	RB13145	WIRE GUIDE BASE	75	BB40425	BOLT 3X10	146	RB13184	MAGAZINE ROLLER A
5	RB81422	ARM A UNIT	76	RB71042	MOTOR COVER UNIT (443CE)	147	RB13185	MAGAZINE ROLLER B
6	BB41714	BOLT 3X5	77	RB71043	CONNECTOR COVER UNIT	148	RB13183	WIRE FEED SUPPORT
7	RB12636	WIRE GUIDE LEVER	78	RB13173	TERMINAL COVER	149	BB40723	BOLT 3X40
8	KK29117	COMPRESSION SPRING 9117	79	BB41706	BOLT 4X10	150	RB13227	WIRE DIRECTION LABEL (N)
9	RB70620	WIRE GUIDE UNIT	80	RB12634	COVER L	151	RB13215	LOADING INSTRUCTION LABEL
10	FF41865	STEP PIN 1865	81	FF51817	HOLLOW PIN 1817	152	LL11012	BEARING F685HZZ
11	JJ10113	E-RING 2.5	82	FF51710	HOLLOW PIN 1710	153	RB81427	MAGAZINE SUB ASSY
12	BB40420	BOLT 4 X 16	83	CC49308	HEX NUT M4	154	JJ21605	C-RING 5
13	FF52115	HOLLOW PIN 2115	84	CC42510	HEX NUT M3	155	RB12715	MAGAZINE PLATE
14	EE39861	WASHER 4.3X9X1	85	RB12119	SLOTTED HEX NUT M4	156	RB13180	ROTARY SHAFT
15	RB13161	FEEDING GEAR A	86	CC49508	LOCKING HEX NET M5	157	FF43419	STEP PIN 3419
16	RB13160	SHAFT COLLAR	87	FF51714	HOLLOW PIN 1714	158	KK34098	TORSION SPRING 4098
17	RB71035	GEAR A UNIT	88	RB13174	COLLAR NUT M3	159	KK24204	COMPRESSION SPRING 4204
18	RB71036	FEEDING MOTOR	89	RB81425	FRAME L ASSY	160	EE39609	RUBBER WASHER 1.8X6X2
19	JJ10514	E-RING 3	90	EE32104	WASHER 2-3	161	RB13182	MAGAZINE COVER ROLLER
20	RB70625	FEEDING GEAR B UNIT	91	BB40404	BOLT 5X16	162	LL62034	PLAIN BEARING
21	RB12964	FEEDING GEAR SHAFT B	92	RB13172	HARNESS COVER	163	RB13205	NOTICE LABEL
22	RB71039	FEEDING GEAR BASE UNIT	93	AA05952	SCREW 2.6X10	164	RB13250	WIRE DIRECTION LABEL (COVER)
23	RB12963	SPRING BASE	94	RB81421	MAIN CIRCUIT BOARD UNIT	165	EE39730	WASHER 3.2X8.5X0.5
24	BB40849	BOLT 4X6	95	AA04503	SCREW 2.6X10(F)	166	JJ10109	E-RING 2
25	RB81424	FEEDING GEAR BASE ASSY	96	RB71056	DIAL CIRCUIT BOARD	167	RB81429	MAGAZINE COVER SUB ASSY
26	BB40824	BOLT 3X6	97	AA05723	SCREW 2X8	168	AA05560	SCREW 3X12
27	RB71038	WIRE GUIDE C UNIT	98	RB13196	RUBBER COVER CASE	169	JJ10107	E-RING 1.5
28	RB12866	RELEASE LEVER A	99	RB13195	RUBBER COVER	170	EE39860	WASHER 5X2.6X1
29	FF41877	STEP PIN 1877	100	RB13194	LOADING ASSIST BUTTON CASE	171	FF51713	HOLLOW PIN 1713
30	RB81334	RELEASE LEVER A ASSY	101	RB13187	MAIN SWITCH BASE	172	FF31639	PARALLEL PIN 1639
31	BB41715	BOLT 4X18	102	KK29204	COMPRESSION SPRING 9204	173	KK34097	TORSION SPRING 4097
32	EE11103	SPRING WASHER 2-4	103	RB13193	LOADING ASSIST BUTTON	174	RB12669	REEL PRESS
33	EE39825	WASHER 4.5X7.4X0.8	104	RB13206	LABEL, TORQUE DIAL	175	RB71077	SENSOR CIRCUIT BOARD G UNIT
34	FF52118	HOLLOW PIN 2118	105	RB13188	TORQUE DIAL	176	AA31724	SCREW 2X8
35	CC42512	HEX NUT 1A M4	106	ZS00034	MAIN SWITCH UNIT	177	RB13179	MAGAZINE COVER CAP
36	FF41867	STEP PIN 1867	107	RB13190	SWITCH SEAL	178	RB13203	443T LABEL
37	KK29119	COMPRESSION SPRING 9119	108	RB13192	LED LENS	179	RB81428	MAGAZINE COVER ASSY
38	JJ10510	E-RING 2.3	109	RB13191	SWITCH LOCK PLATE	180	RB81426	MAGAZINE ASSY
39	RB12657	RELEASE LEVER B	110	RB13208	DIAL LEAF SPRING	181	RB70624	CURL GUIDE A UNIT
40	FF41868	STEP PIN 1868	111	RB13189	DIAL JOINT	182	FF51712	HOLLOW PIN 1712
41	RB81423	FEED ASSY	112	RB70626	POWER CORD ORANGE UNIT	183	KK34096	TORSION SPRING 4096
42	RB13134	HOOK L	113	RB71021	MAIN SWITCH BASE ASSY	184	RB13262	CURL GUIDE SHAFT (443)
43	RB12853	CARBIDE PIN 2.5X14.8	114	RB71060	ELECTRODE UNIT	185	RB12639	CURL GUIDE B
44	RB12616	SLEEVE COVER	115	RB70783	SWITCH BLOCK	186	RB71032	ARM B UNIT
45	FF21267	SPRING PIN 2X8	116	RB71048	WINDOW UNIT	187	RB13149	FIXED CUTTER
46	RB12610	HOOK R	117	RB13123	COVER BOLT 3X10	188	RB71031	WIRE GUIDE B UNIT
47	FF31718	PARALELL PIN 1718	118	KK24191	COMPRESSION SPRING 4191	189	RB12723	CON-ROD COVER GUIDE B
48	RB13135	SLEEVE A	119	RB13175	TRIGGER	190	RB12721	CUTTER CON-ROD COVER
49	RB13138	KEY	120	KK29205	COMPRESSION SPRING 9205	191	RB12722	CON-ROD COVER GUIDE A
50	RB12611	CENTER HOOK	121	RB13075	TRIGGER LOCK	192	RB13148	CUTTER
51	RB12713	KEY B	122	RB71073	SWITCH HARNESS UNIT	193	RB12724	CON-ROD COVER BASE
52	RB12612	SLEEVE GUIDE	123	RB12665	RELEASE BUTTON BASE	194	RB12644	ARM C
53	RB12615	SLEEVE B	124	KK33401	TORSION SPRING 3401	195	EE39858	WASHER 3.2X7X1
54	FF21234	SPRING PIN 3X12	125	RB12664	RELEASE STOPPER	196	KK33423	TORSION SPRING 3423
55	RB13136	CUTTER RING	126	RB12662	RELEASE BUTTON	197	RB71034	CUTTER CON-ROD UNIT
56	RB12618	CUTTER RING GUIDE	127	RB13076	ALUMINIUM LABEL	198	RB13157	CUTTER CON-ROD FOLLOWER
57	JJ21606	C-RING 15	128	RB12635	COVER R	199	RB71030	ARM B ASSY
58	JJ80901	C-RING 11	129	FF51642	HOLLOW PIN 1642	200	FF51736	HOLLOW PIN 1736
59	RB12714	BUMPER GUIDE	130	RB13201	WARNING LABEL	201	BB40811	BOLT 3X25
60	RB12619	BUMPER	131	RB12661	BRAND PLATE	202	RB13170	JAW B
61	EE39876	WASHER 11.1X23.4X2C	132	RB71041	FRAME R ASSY (443T)	203	KK33249	TORSION SPRING 3249
62	JJ21019	C-RING 17	133	BB40810	BOLT 3X16	204	FF41864	STEP PIN 1864
63	RB13139	BEARING COLLAR	134	BB40716	BOLT 3X6	205	RB13169	JAW A
64	LL11756	BEARING 6803ZZ	135	BB40708	BOLT 5X25	206	RB12625	JAW BASE
65	JJ21603	C-RING 20	136	RB12725	SPONGE	207	RB71044	JAW BASE ASSY
66	RB13137	INTERNAL GEAR	137	RB13178	MAGAZINE CAP	208	RB81419	BELT HOOK ASSY
67	RB12783	RING	138	RB71074	SENSOR CIRCUIT BOARD F UNIT	209	RB13259	SPECIFICATION LABEL
68	RB12720	D RING	139	RB12673	MAGAZINE STOPPER SHAFT	210	BB40724	BOLT 3X16 MEC
69	RB71023	TIP AXIS A UNIT	140	KK24186	COMPRESSION SPRING 4186			
70	RB12622	PLANETARY GEAR	141	RB13204	WIRE LOADING LABEL			
71	RB71025	SUN GEAR UNIT	142	RB13258	WIRE DIRECTION LABEL (OUT)			May-25