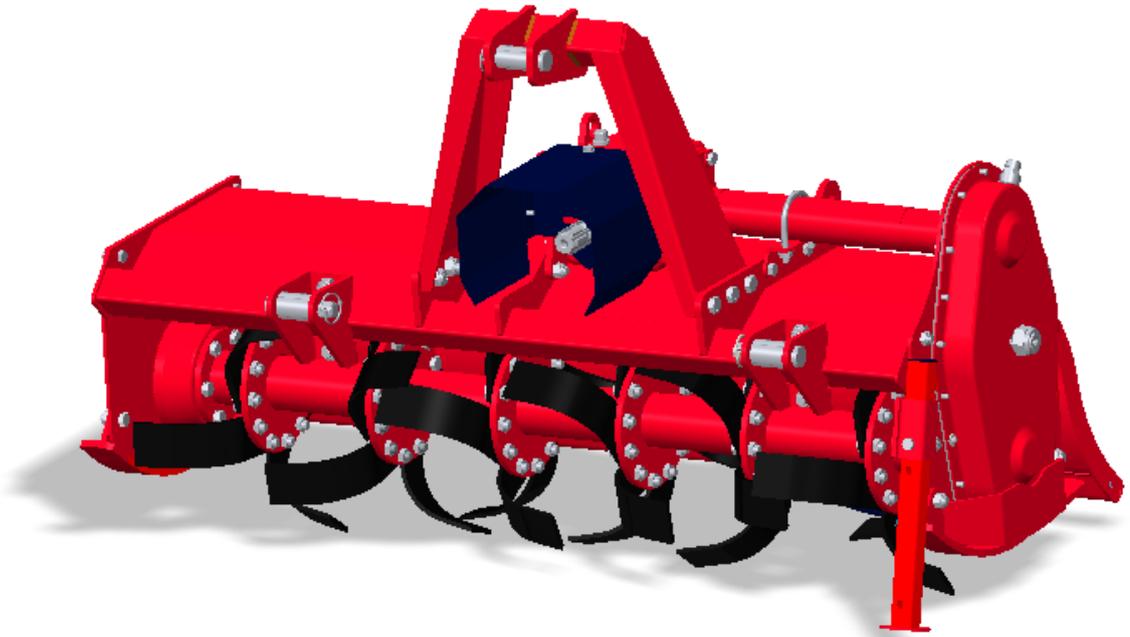


ROTARY TILLERS

FTL SERIES

FTL-36G, FTL-48G, FTL-60G



PARTS MANUAL

Uni-Maxx Global, LLC

PO Box 8

Wilson, NC 27894

Congratulation for purchasing your new FARM-MAXX rotary tiller!

This tiller has been designed and manufactured following all safety and quality requirements needed for a safe and satisfactory use over time.

A careful reading of this manual will permit you to familiarize with your new equipment, and will provide you all the tools needed to use it safely.

A proper maintenance and knowledge of the safety rules of use will allow to obtain the best performance and a long service life of the machine.



The Safety Alert Symbol used throughout this manual and on safety decals of the machine indicates the presence of potential hazard to the operator. When you see this symbol, be alert and carefully read the message that follows it.

The Safety Alert Symbol is used in conjunction with following Signal Words, according to the degree of possible injuries that may result operating the implement:

 DANGER

Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury.

 WARNING

Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.

 CAUTION

Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

IMPORTANT

Indicates instructions or procedures that, if not observed, can cause damage to equipment or environment.

NOTE

Indicates helpful information.

READ, UNDERSTAND, and FOLLOW the safety messages following the Safety Alert Symbol and Signal Words. Failure to comply with safety messages could result in serious bodily injury or death.

TABLE OF CONTENTS

1. SPARE PARTS.....	1
FTL-36G tiller spare parts table.....	2
FTL-36G tiller spare parts list	3
FTL-48G tiller spare parts table.....	6
FTL-48G tiller spare parts list	7
FTL-60G tiller spare parts table.....	10
FTL-60G tiller spare parts list	11

1. SPARE PARTS

All repairs and replacements on the machine must be performed only by using original spare parts, which must be obtained / provided from the manufacturer or your dealer.

This section contains the information needed to identify the parts of FTL series tillers that may be ordered to manufacturer.

When request spare parts to manufacturer, always give following indications:

- type of machine;
- tiller serial number;
- description and p/number of the spare parts;
- quantities.

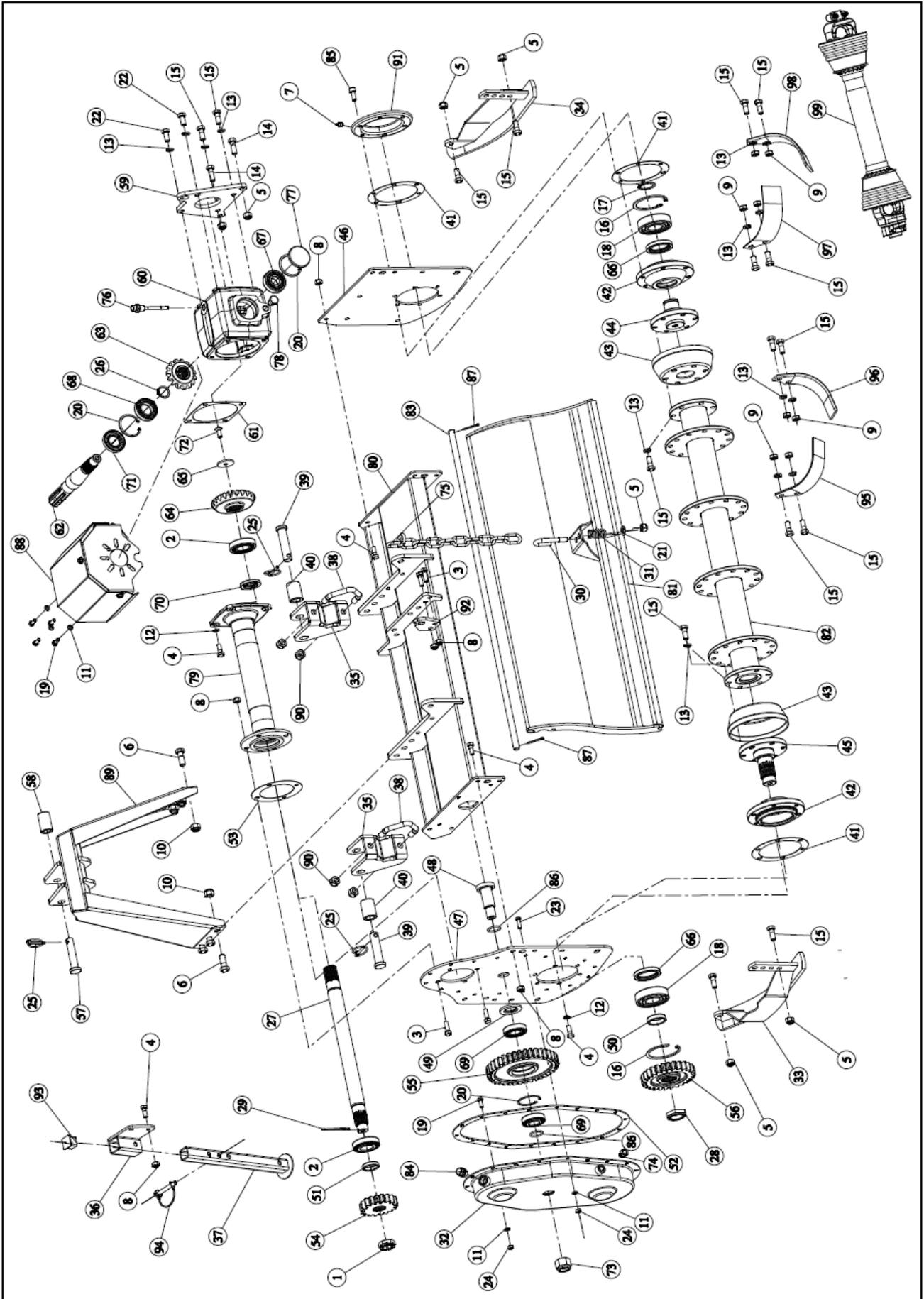
NOTE

For identification of p/numbers and description of safety decals refer to the Section Safety labels.

For identification of p/numbers and description of PTO driveline parts, refer to the manual of the driveshaft manufacturer.

The Manufacturer reserves the right to substitute a required part with an equivalent part, if applicable.

FTL-36G TILLER SPARE PARTS TABLE



FTL Series Rotary Tillers

FTL-36G TILLER SPARE PARTS LIST

ITEM.	P/NUMBER	QTY.	PART NAME
1	8032	1	CASTLE NUT 28mm
2	1003	2	BEARING 30207
3	10181	6	HEX BOLT M10 X 1.50 X 30
4	10180	21	HEX BOLT M10 X 1.50 X 25
5	1209	7	M12X1.75 NYLOCK NUT
6	2202	6	HEX BOLT M14 X 1.50 X 37
7	1253	1	1/8 BSP GREASE NIPPLE 7.5MM
8	1298	17	M10X1.5 NYLOCK NUT
9	1301	48	M12X1.75 HEX NUT
10	1302	6	M14X1.5 NYLOCK NUT
11	1303	22	SPRING WASHER 8mm
12	1304	10	SPRING WASHER 10mm
13	1306	64	SPRING WASHER 12mm
14	10194	2	HEX BOLT M12 X 1.75 X 35
15	10192	66	HEX BOLT M12 X 1.75 X 30
16	3027	2	INTERNAL CIRCLIP 90MM
17	8027	1	EXTERNAL CIRCLIP 40MM
18	8036	2	BEARING 6308
19	8040	20	HEX BOLT M8 X 1.25 X 20
20	8120	3	CIRCLIP INTERNAL 62mm
21	8126	1	PLAIN WASHER 12mm
22	8169	2	HEX BOLT M12 X 1.75 X 25
23	8171	2	HEX BOLT M8 X 1.25 X 25
24	8181	18	HEX NUT M8 X 1.25
25	8204	3	LINCH PIN SMALL (CHO)
26	11058	1	EXTERNAL CIRCLIP 30MM
27	10067	1	JACK SHAFT 0.9M (FTL SERIES)
28	1449	1	NYLOCK NUT (M35X1.5MM)
29	14137	1	COTTER PIN (DIA 3.5 X 70)
30	14004	1	J-BOLT M12 x 1.75 x 24 x 87.5 x 25TL
31	14005	1	U-BOLT SPRING (FTL SERIES)
32	14007	1	CHAIN COVER GD COMP (FTL SERIES)
33	14009	1	DEPTH SKID COMP LH (FTL SERIES)
34	14010	1	DEPTH SKID COMP RH (FTL SERIES)
35	14011	2	M/C HITCHING BRACKET COMP (FTL SERIES)
36	14012	1	M/C MOUN STAND COMP (FTL SERIES)
37	14013	1	M/C STAND PIPE COMP (FTL SERIES)
38	14014	2	V-BOLT M14 x 2 x 90 x 83.2 x 26TL
39	14015	2	HITCH PIN BOTTOM CAT-I (DIA-22 X 99)
40	14016	2	BUSH (DIA. 36.5 X 22.5 X 50 L)
41	14018	3	S D PLATE END COVER GASKET (FTL SERIES)
42	14019	2	ROTOR SHAFT HOUSING (FTL SERIES)

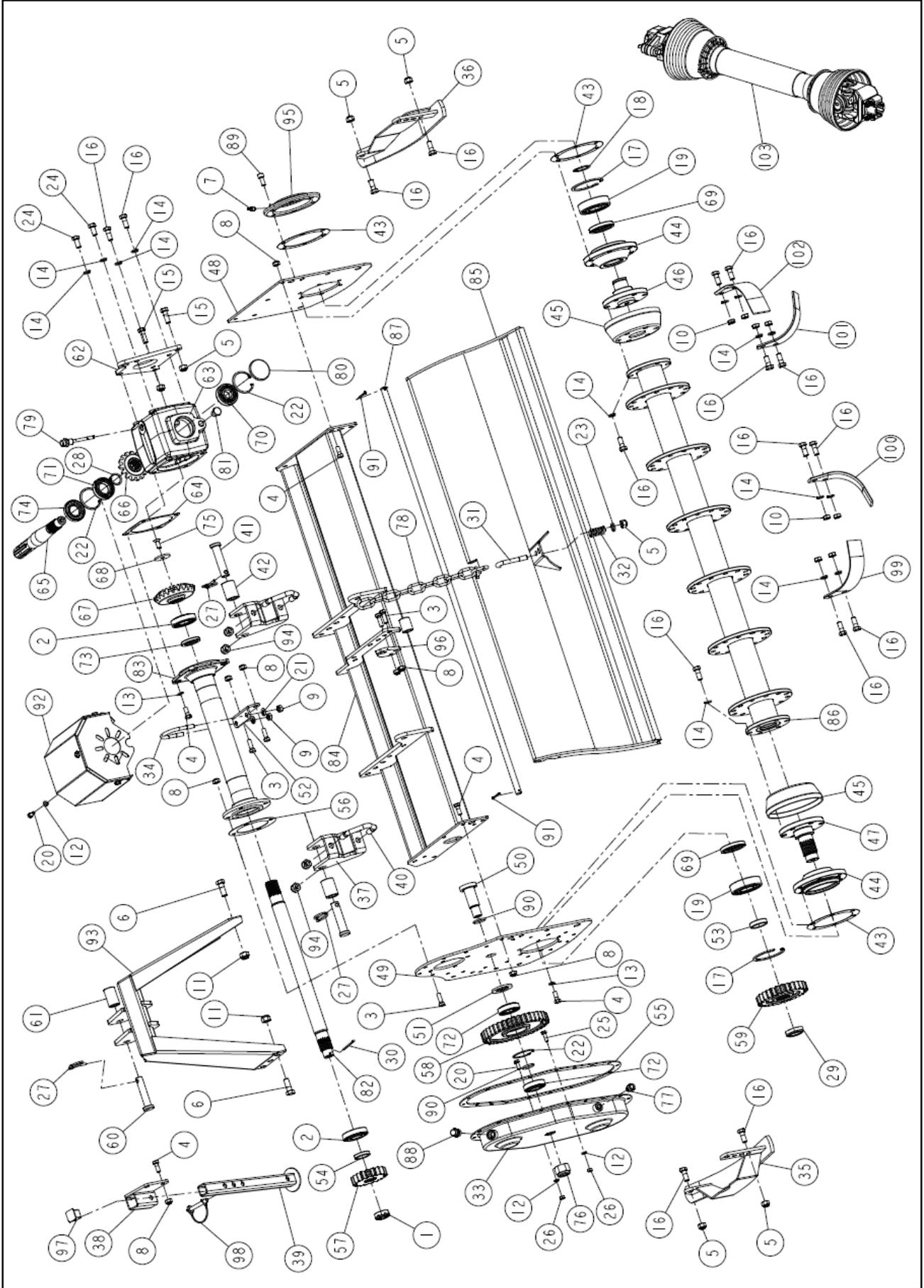
FTL Series Rotary Tillers

43	14020	2	DUST COVER (FTL SERIES)
44	14021	1	STUB AXLE SHAFT (FTL SERIES)
45	14022	1	R D SHAFT (FTL SERIES)
46	14023	1	S D PLATE (FTL SERIES)
47	14024	1	R D PLATE (FTL SERIES)
48	14025	1	R D SHAFT SMALL (FTL SERIES)
49	14026	2	SPACER DIA-60 x 30 x 5 MM
50	14028	1	SPACER DIA-50 x 40 x 12 MM
51	14029	1	SPACER DIA-45 x 35 x 9 MM
52	14030	1	CHAIN COVER GASKET (FTL SERIES)
53	14031	1	JACK SHAFT HOUSING GASKET RD (FTL SERIES)
54	14032	1	GEAR 18 TEETH (FTL SERIES)
55	14033	1	GEAR 38 TEETH (FTL SERIES)
56	14034	1	GEAR 27 TEETH (FTL SERIES)
57	14037	1	HINCH PIN TOP CAT-I (DIA- 19 X 98)
58	14038	1	BUSH (DIA. 19.5 X 31.5 X 52 L)
59	14042	1	GEAR BOX MOUN PLATE (FTL SERIES)
60	14043	1	GEAR BOX 540 RPM (FTL SERIES)
61	14044	1	JACK SHAFT HOUSING GASKET GD (FTL SERIES)
62	14046	1	INPUT SHAFT (FTL SERIES)
63	14047	1	PINION 15 TEETH (FTL SERIES)
64	14048	1	CROWN 22 TEETH (FTL SERIES)
65	14049	1	CROWN WASHER (FTL SERIES)
66	14051	2	OIL SEAL 55 X 72 X 10
67	14053	1	BEARING 30305
68	14054	1	BEARING 6007
69	14055	2	BEARING 30206
70	14056	1	OIL SEAL 35 X 55 X 8
71	14057	1	OIL SEAL 35 X 62 X 10
72	14058	1	CSK BOLT M10 X 1.5 X 25
73	14065	1	NYLOCK NUT M24 x 2
74	14071	1	OIL LEVEL GAUGE 1/4" BSP
75	14073	1	LIFTING CHAIN TB
76	14074	1	DIPSTICK 77mm (M16 x 1.5)
77	14075	1	OIL SEAL 62 X 7
78	10179	1	3/8" BSPT PLUG WITH SQ. HEAD
79	10199	1	JACK SHAFT HOUSING COMP 0.9M (FTL SERIES)
80	10200	1	HULL COMP 0.9M (FTL SERIES)
81	10201	1	TRAILING BOARD COMP 0.9M (FTL SERIES)
82	10202	1	ROTOR SRT-0.9M C/L-TYPE (FTL SERIES)(60X6)
83	10203	1	TRAILING BOARD ROD 0.9M (FTL SERIES)
84	14126	1	AIR BREATHER 1/2" BSP
85	2833	6	ALLEN BOLT M10 X 1.50 X 25
86	14131	2	O RING 30 x 3.50
87	19018	2	COTTER PIN (DIA 4 X 35)
88	14172	1	PTO SHAFT GUARD ASSEMBLY (SMALL)

FTL Series Rotary Tillers

89	14239	1	TOP MAST COMP. (FTL SERIES)
90	1574	4	NYLOCK NUT M14 X 2
91	14256	1	SD PLATE END COVER COMP. (FTL SERIES)
92	14258	1	CHAIN LIFTING HOOK (FTL SERIES)
93	14266	1	SQ. PIPE PLASTIC CAP 32MM
94	14267	1	SQ. SNAPPER PIN D10 X L70
95	14124	12	BLADE L-TYPE RH (60X6)(157X117)
96	14125	12	BLADE L-TYPE LH (60X6)(157X117)
97	14040	12	BLADE C-TYPE RH (60X6)(157X117)
98	14041	12	BLADE C-TYPE LH (60X6)(157X117)
99	1509	1	SHEAR BOLT PTO 6SP COM(COVER)14.5"(35MM)

FTL-48G TILLER SPARE PARTS TABLE



FTL Series Rotary Tillers

FTL-48G TILLER SPARE PARTS LIST

ITEM.	P/NUMBER	QTY.	PART NAME
1	8032	1	CASTLE NUT 28mm
2	1003	2	BEARING 30207
3	10181	8	HEX BOLT M10 X 1.50 X 30
4	10180	21	HEX BOLT M10 X 1.50 X 25
5	1209	7	M12X1.75 NYLOCK NUT
6	2202	6	HEX BOLT M14 X 1.50 X 37
7	1253	1	1/8 BSP GREASE NIPPLE 7.5MM
8	1298	19	M10X1.5 NYLOCK NUT
9	1299	2	M10X1.5 HEX NUT
10	1301	72	M12X1.75 HEX NUT
11	1302	6	M14X1.5 NYLOCK NUT
12	1303	22	SPRING WASHER 8mm
13	1304	10	SPRING WASHER 10mm
14	1306	88	SPRING WASHER 12mm
15	10194	2	HEX BOLT M12 X 1.75 X 35
16	10192	90	HEX BOLT M12 X 1.75 X 30
17	3027	2	INTERNAL CIRCLIP 90MM
18	8027	1	EXTERNAL CIRCLIP 40MM
19	8036	2	BEARING 6308
20	8040	20	HEX BOLT M8 X 1.25 X 20
21	8078	2	PLAIN WASHER 10mm
22	8120	3	CIRCLIP INTERNAL 62mm
23	8126	1	PLAIN WASHER 12mm
24	8169	2	HEX BOLT M12 X 1.75 X 25
25	8171	2	HEX BOLT M8 X 1.25 X 25
26	8181	18	HEX NUT M8 X 1.25
27	8204	3	LINCH PIN SMALL (CHO)
28	11058	1	EXTERNAL CIRCLIP 30MM
29	1449	1	NYLOCK NUT (M35X1.5MM)
30	14137	1	COTTER PIN (DIA 3.5 X 70)
31	14004	1	J-BOLT M12 x 1.75 x 24 x 87.5 x 25TL
32	14005	1	U-BOLT SPRING (FTL SERIES)
33	14007	1	CHAIN COVER GD COMP (FTL SERIES)
34	14008	1	JACK SHAFT HOUSING U CLAMP (FTL SERIES)
35	14009	1	DEPTH SKID COMP LH (FTL SERIES)
36	14010	1	DEPTH SKID COMP RH (FTL SERIES)
37	14011	2	M/C HITCHING BRACKET COMP (FTL SERIES)
38	14012	1	M/C MOUN STAND COMP (FTL SERIES)
39	14013	1	M/C STAND PIPE COMP (FTL SERIES)
40	14014	2	V-BOLT M14 x 2 x 90 x 83.2 x 26TL
41	14015	2	HITCH PIN BOTTOM CAT-I (DIA-22 X 99)
42	14016	2	BUSH (DIA. 36.5 X 22.5 X 50 L)
43	14018	3	S D PLATE END COVER GASKET (FTL SERIES)

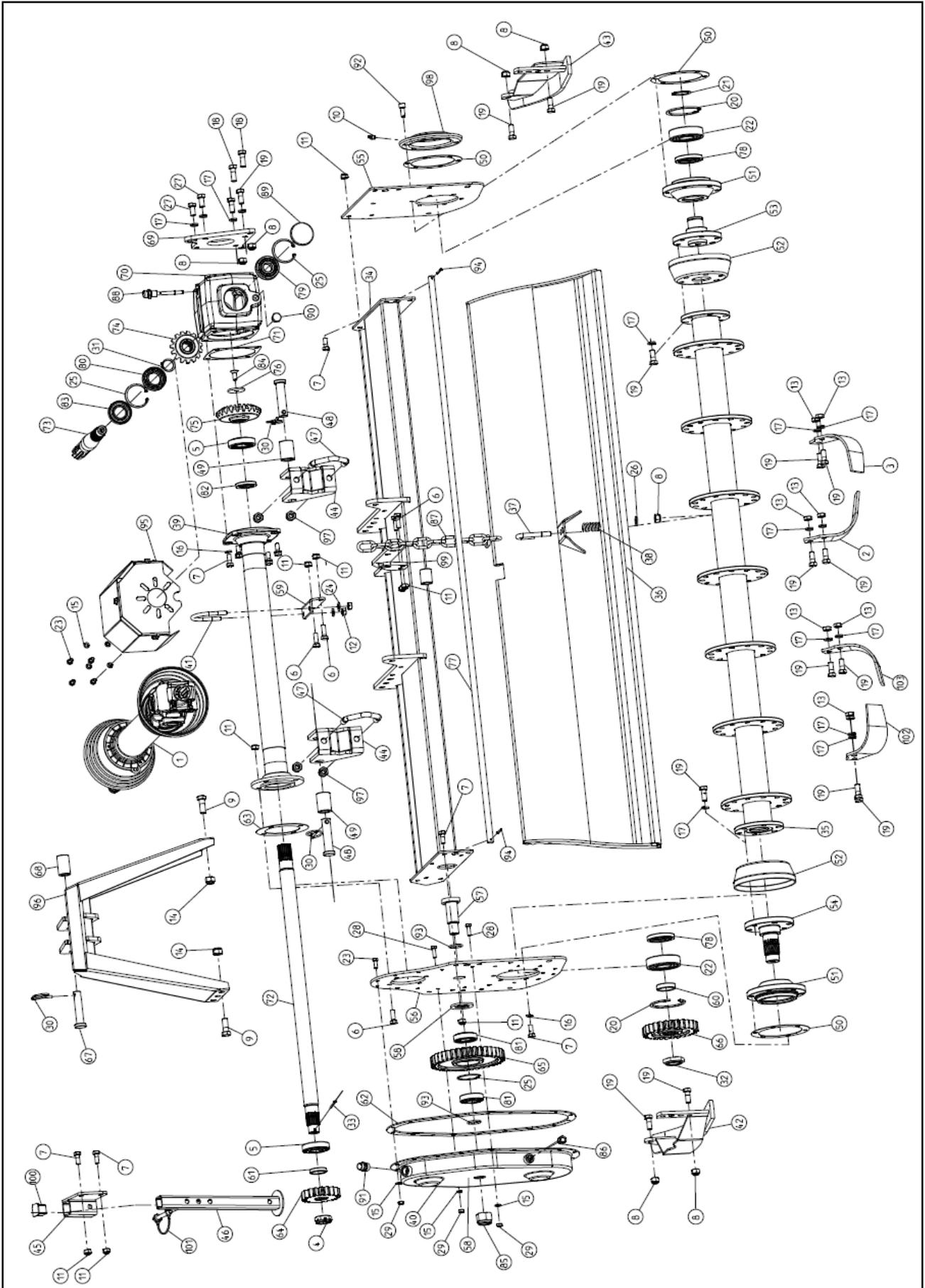
FTL Series Rotary Tillers

44	14019	2	ROTOR SHAFT HOUSING (FTL SERIES)
45	14020	2	DUST COVER (FTL SERIES)
46	14021	1	STUB AXLE SHAFT (FTL SERIES)
47	14022	1	R D SHAFT (FTL SERIES)
48	14023	1	S D PLATE (FTL SERIES)
49	14024	1	R D PLATE (FTL SERIES)
50	14025	1	R D SHAFT SMALL (FTL SERIES)
51	14026	1	SPACER DIA-60 x 30 x 5 MM
52	14027	1	JACK SHAFT HOUSING MOUN PLATE (FTL SERIES)
53	14028	1	SPACER DIA-50 x 40 x 12 MM
54	14029	1	SPACER DIA-45 x 35 x 9 MM
55	14030	1	CHAIN COVER GASKET (FTL SERIES)
56	14031	1	JACK SHAFT HOUSING GASKET RD (FTL SERIES)
57	14032	1	GEAR 18 TEETH (FTL SERIES)
58	14033	1	GEAR 38 TEETH (FTL SERIES)
59	14034	1	GEAR 27 TEETH (FTL SERIES)
60	14037	1	HINCH PIN TOP CAT-I (DIA- 19 X 98)
61	14038	1	BUSH (DIA. 19.5 X 31.5 X 52 L)
62	14042	1	GEAR BOX MOUN PLATE (FTL SERIES)
63	14043	1	GEAR BOX 540 RPM (FTL SERIES)
64	14044	1	JACK SHAFT HOUSING GASKET GD (FTL SERIES)
65	14046	1	INPUT SHAFT (FTL SERIES)
66	14047	1	PINION 15 TEETH (FTL SERIES)
67	14048	1	CROWN 22 TEETH (FTL SERIES)
68	14049	1	CROWN WASHER (FTL SERIES)
69	14051	2	OIL SEAL 55 X 72 X 10
70	14053	1	BEARING 30305
71	14054	1	BEARING 6007
72	14055	2	BEARING 30206
73	14056	1	OIL SEAL 35 X 55 X 8
74	14057	1	OIL SEAL 35 X 62 X 10
75	14058	1	CSK BOLT M10 X 1.5 X 25
76	14065	1	NYLOCK NUT M24 x 2
77	14071	1	OIL LEVEL GAUGE 1/4" BSP
78	14073	1	LIFTING CHAIN TB
79	14074	1	DIPSTICK 77mm (M16 x 1.5)
80	14075	1	OIL SEAL 62 X 7
81	10179	1	3/8" BSPT PLUG WITH SQ. HEAD
82	10205	1	JACK SHAFT 1.2M (FTL SERIES)
	14268	1	JACK SHAFT 639 M CM(FTL SERIES)
83	10206	1	JACK SHAFT HOUSING COMP 1.2M (FTL SERIES)
	14269	1	JACK SHAFT HOU. COMP 639M CM (FTL SERIES)
84	10207	1	HULL COMP 1.2M (FTL SERIES)
	14271	1	HULL COMP 1.2M CM (FTL SERIES)
85	10208	1	TRAILING BOARD COMP 1.2M (FTL SERIES)
	14272	1	TRAILING BOARD COMP 1.2M CM (FTL SERIES)

FTL Series Rotary Tillers

86	10209	1	ROTOR SRT-1.2M C/L-TYPE (FTL SERIES)(60X6)
87	10210	1	TRAILING BOARD ROD 1.2M (FTL SERIES)
88	14126	1	AIR BREATHER 1/2" BSP
89	2833	6	ALLEN BOLT M10 X 1.50 X 25
90	14131	2	O RING 30 x 3.50
91	19018	2	COTTER PIN (DIA 4 X 35)
92	14172	1	PTO SHAFT GUARD ASSEMBLY (SMALL)
93	14239	1	TOP MAST COMP. (FTL SERIES)
94	1574	4	NYLOCK NUT M14 X 2
95	14256	1	SD PLATE END COVER COMP. (FTL SERIES)
96	14258	1	CHAIN LIFTING HOOK (FTL SERIES)
97	14266	1	SQ. PIPE PLASTIC CAP 32MM
98	14267	1	SQ. SNAPPER PIN D10 X L70
99	14124	18	BLADE L-TYPE RH (60X6)(157X117)
100	14125	18	BLADE L-TYPE LH (60X6)(157X117)
101	14040	18	BLADE C-TYPE RH (60X6)(157X117)
102	14041	18	BLADE C-TYPE LH (60X6)(157X117)
103	1509	1	SHEAR BOLT PTO 6SP COM(COVER)14.5"(35MM)

FTL-60G TILLER SPARE PARTS TABLE



FTL Series Rotary Tillers

FTL-60G TILLER SPARE PARTS LIST

ITEM.	P/NUMBER	QTY.	PART NAME
1	1509	1	SHEAR BOLT PTO 6SP COM(COVER)14.5"(35MM)
2	14124	21	BLADE L-TYPE RH (60X6)(157X117)
3	14125	21	BLADE L-TYPE LH (60X6)(157X117)
4	8032	1	CASTLE NUT 28mm
5	1003	2	BEARING 30207
6	10181	8	HEX BOLT M10 X 1.50 X 30
7	10180	21	HEX BOLT M10 X 1.50 X 25
8	1209	7	M12X1.75 NYLOCK NUT
9	2202	6	HEX BOLT M14 X 1.50 X 37
10	1253	1	1/8 BSP GREASE NIPPLE 7.5MM
11	1298	19	M10X1.5 NYLOCK NUT
12	1299	2	M10X1.5 HEX NUT
13	1301	84	M12X1.75 HEX NUT
14	1302	6	M14X1.5 NYLOCK NUT
15	1303	22	SPRING WASHER 8mm
16	1304	10	SPRING WASHER 10mm
17	1306	100	SPRING WASHER 12mm
18	10194	2	HEX BOLT M12 X 1.75 X 35
19	10192	102	HEX BOLT M12 X 1.75 X 30
20	3027	2	INTERNAL CIRCLIP 90MM
21	8027	1	EXTERNAL CIRCLIP 40MM
22	8036	2	BEARING 6308
23	8040	20	HEX BOLT M8 X 1.25 X 20
24	8078	2	PLAIN WASHER 10mm
25	8120	3	CIRCLIP INTERNAL 62mm
26	8126	1	PLAIN WASHER 12mm
27	8169	2	HEX BOLT M12 X 1.75 X 25
28	8171	2	HEX BOLT M8 X 1.25 X 25
29	8181	18	HEX NUT M8 X 1.25
30	8204	3	LINCH PIN SMALL (CHO)
31	11058	1	EXTERNAL CIRCLIP 30MM
32	1449	1	NYLOCK NUT (M35X1.5MM)
33	14137	1	COTTER PIN (DIA 3.5 X 70)
34	14001	1	HULL COMP 1.5M (FTL SERIES)
35	14002	1	ROTOR SRT-1.5M C/L-TYPE (FTL SERIES)(60X6)
36	14003	1	T B COMP 1.5M (FTL SERIES)
37	14004	1	J-BOLT M12 x 1.75 x 24 x 87.5 x 25TL
38	14005	1	U-BOLT SPRING (FTL SERIES)
39	14006	1	JACK SHAFT HOUSING COMP 1.5M (FTL SERIES)
40	14007	1	CHAIN COVER GD COMP (FTL SERIES)
41	14008	1	JACK SHAFT HOUSING U CLAMP (FTL SERIES)
42	14009	1	DEPTH SKID COMP LH (FTL SERIES)
43	14010	1	DEPTH SKID COMP RH (FTL SERIES)

FTL Series Rotary Tillers

44	14011	2	M/C HITCHING BRACKET COMP (FTL SERIES)
45	14012	1	M/C MOUN STAND COMP (FTL SERIES)
46	14013	1	M/C STAND PIPE COMP (FTL SERIES)
47	14014	2	V-BOLT M14 x 2 x 90 x 83.2 x 26TL
48	14015	2	HITCH PIN BOTTOM CAT-I (DIA-22 X 99)
49	14016	2	BUSH (DIA. 36.5 X 22.5 X 50 L)
50	14018	3	S D PLATE END COVER GASKET (FTL SERIES)
51	14019	2	ROTOR SHAFT HOUSING (FTL SERIES)
52	14020	2	DUST COVER (FTL SERIES)
53	14021	1	STUB AXLE SHAFT (FTL SERIES)
54	14022	1	R D SHAFT (FTL SERIES)
55	14023	1	S D PLATE (FTL SERIES)
56	14024	1	R D PLATE (FTL SERIES)
57	14025	1	R D SHAFT SMALL (FTL SERIES)
58	14026	1	SPACER DIA-60 x 30 x 5 MM
59	14027	1	JACK SHAFT HOUSING MOUN PLATE (FTL SERIES)
60	14028	1	SPACER DIA-50 x 40 x 12 MM
61	14029	1	SPACER DIA-45 x 35 x 9 MM
62	14030	1	CHAIN COVER GASKET (FTL SERIES)
63	14031	1	JACK SHAFT HOUSING GASKET RD (FTL SERIES)
64	14032	1	GEAR 18 TEETH (FTL SERIES)
65	14033	1	GEAR 38 TEETH (FTL SERIES)
66	14034	1	GEAR 27 TEETH (FTL SERIES)
67	14037	1	HINCH PIN TOP CAT-I (DIA- 19 X 98)
68	14038	1	BUSH (DIA. 19.5 X 31.5 X 52 L)
69	14042	1	GEAR BOX MOUN PLATE (FTL SERIES)
70	14043	1	GEAR BOX 540 RPM (FTL SERIES)
71	14044	1	JACK SHAFT HOUSING GASKET GD (FTL SERIES)
72	14045	1	JACK SHAFT 1.5M (FTL SERIES)
73	14046	1	INPUT SHAFT (FTL SERIES)
74	14047	1	PINION 15 TEETH (FTL SERIES)
75	14048	1	CROWN 22 TEETH (FTL SERIES)
76	14049	1	CROWN WASHER (FTL SERIES)
77	14050	1	TRAILING BOARD ROD 1.5M (FTL SERIES)
78	14051	2	OIL SEAL 55 X 72 X 10
79	14053	1	BEARING 30305
80	14054	1	BEARING 6007
81	14055	2	BEARING 30206
82	14056	1	OIL SEAL 35 X 55 X 8
83	14057	1	OIL SEAL 35 X 62 X 10
84	14058	1	CSK BOLT M10 X 1.5 X 25
85	14065	1	NYLOCK NUT M24 x 2
86	14071	1	OIL LEVEL GAUGE 1/4" BSP
87	14073	1	LIFTING CHAIN TB
88	14074	1	DIPSTICK 77mm (M16 x 1.5)
89	14075	1	OIL SEAL 62 X 7

FTL Series Rotary Tillers

90	10179	1	3/8" BSPT PLUG WITH SQ. HEAD
91	14126	1	AIR BREATHER 1/2" BSP
92	2833	6	ALLEN BOLT M10 X 1.50 X 25
93	14131	2	O RING 30 x 3.50
94	19018	2	COTTER PIN (DIA 4 X 35)
95	14172	1	PTO SHAFT GUARD ASSEMBLY (SMALL)
96	14239	1	TOP MAST COMP. (FTL SERIES)
97	1574	4	NYLOCK NUT M14 X 2
98	14256	1	SD PLATE END COVER COMP. (FTL SERIES)
99	14258	1	CHAIN LIFTING HOOK (FTL SERIES)
100	14266	1	SQ. PIPE PLASTIC CAP 32MM
101	14267	1	SQ. SNAPPER PIN D10 X L70
102	14040	21	BLADE C-TYPE RH (60X6)(157X117)
103	14041	21	BLADE C-TYPE LH (60X6)(157X117)

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