

OWNER'S MANUAL

MODEL NO. BM5HT031A

5.0 HP 22 Inch Lawn Mower



Please read these instructions carefully and make sure you understand them before using this machine.

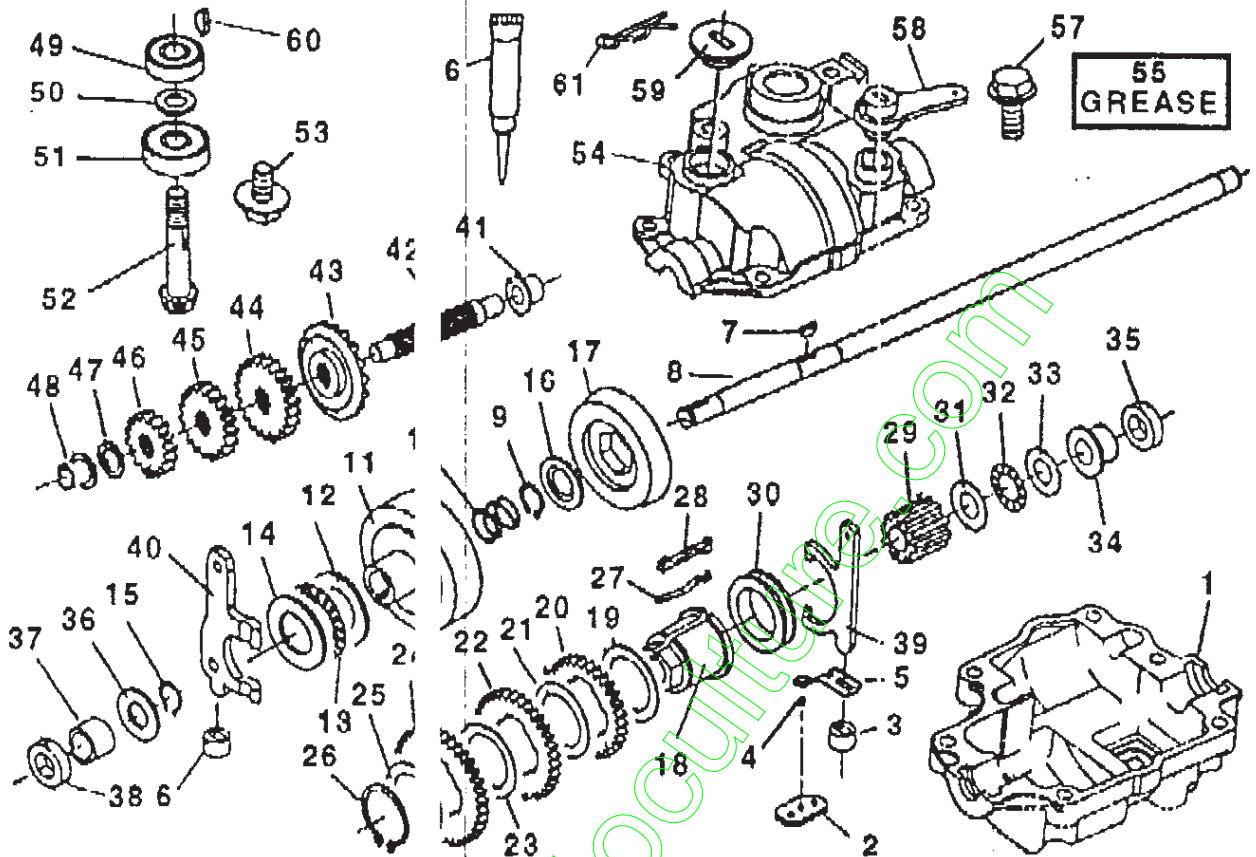
- Assembly
- Operation
- Customer Responsibilities
 - Service and Adjustments
 - Storage
 - Troubleshooting
 - Repair Parts

BEST GREEN

REPAIR PARTS

ROTARY LAWN MOWER LOWER MODEL NUMBER BM5HT031A

GEAR CASE ASSEMBLY 150 30



KEY PART NO. NO.

DESCRIPTION

1	148145	Case, Lower
2	148123	Plate, Detent
3	148118	Support, Fork, Shift
4	148135	Ball, Detent
5	148122	Spring, Detent
6	148132	Support, Fork, Clutch
7	148093	Key, Woodruff
8	148114	Axle, Shaft
9	148095	Ring, 12.7
10	148109	Spring, Return
11	148102	Cone, Cone
12	148112	Washer, Thrust
13	148108	Bearing, Thrust, Needle
14	148112	Washer, Thrust
15	148095	Ring, 12.7
16	148096	Washer, Retainer
17	148103	Cone
18	148101	Collar, Shift
19	148097	Washer
20	148090	Gear, 3 Teeth
21	148097	Washer
22	148083	Gear, 3 Teeth
23	148097	Washer
24	148075	Gear, 3 Teeth
25	148097	Washer
26	148113	Ring 28
27	148119	Spring, Shift
28	148121	Key, Shift
29	148098	Support, Key
30	148115	Collar, Shift
31	148111	Washer, Thrust 1/2
32	148110	Bearing, Thrust, Needle

KEY PART NO. NO.

DESCRIPTION

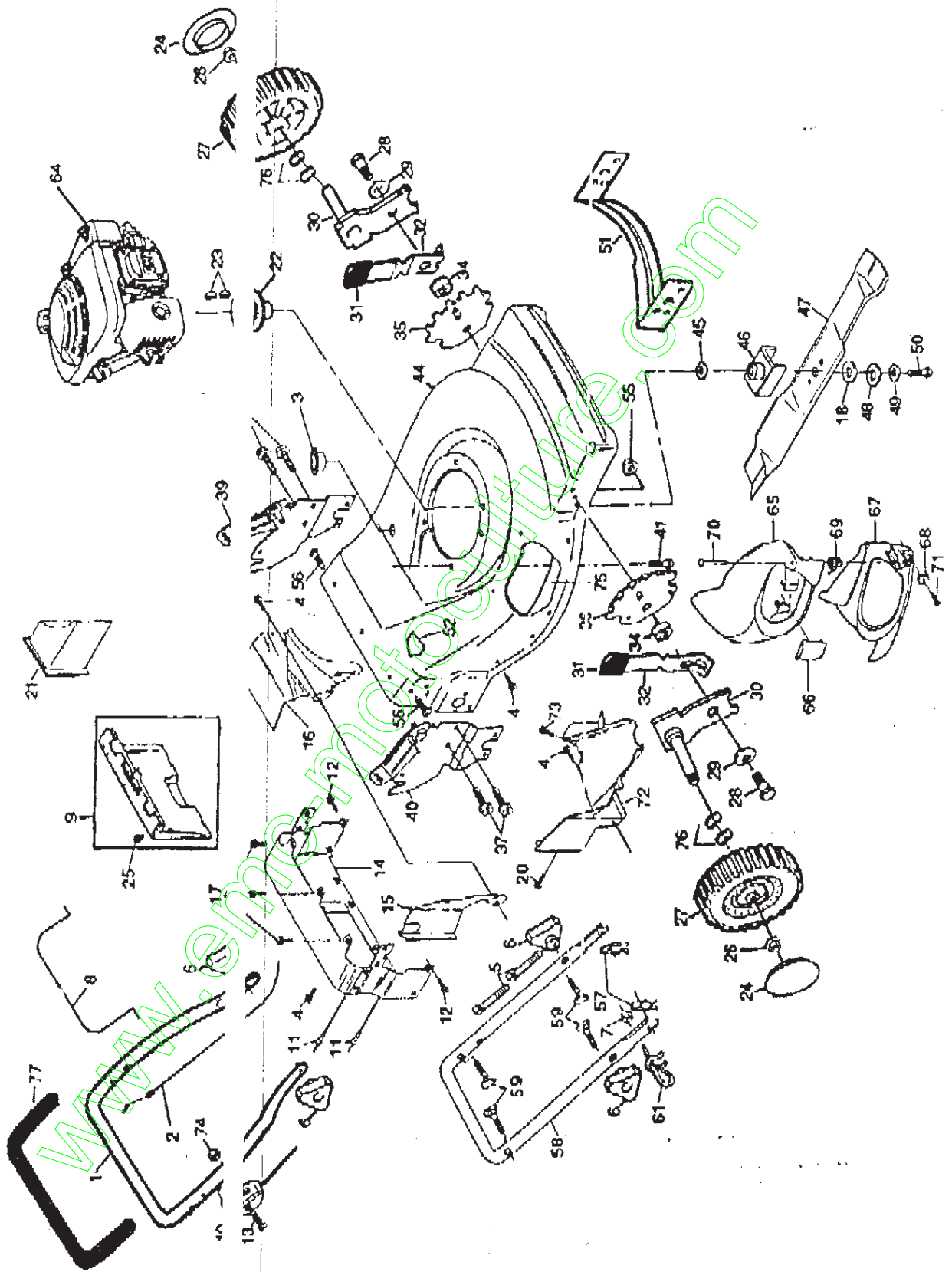
33	148111	Washer, Thrust 1/2
34	148108	Bushing, Transmission 1/2
35	148107	Seal 1/2
36	148096	Washer, Retainer
37	148104	Bushing, Transmission
38	148107	Seal 1/2
39	148116	Fork, Shift
40	148124	Fork, Clutch
41	148089	Bushing
42	148065	Shaft, Reduction
43	148066	Gear, Bevel 3 Teeth
44	148089	Gear, Spur 2 Tooth
45	148080	Gear, Spur 1 Tooth
46	148072	Gear, Spur 1 Tooth
47	148067	Washer
48	148069	Bushing
49	148141	Bearing, Ball 6000U
50	148139	Washer, 10
51	148140	Bearing, Ball 6200
52	148137	Shaft, Input
53	148146	Screw, Self-Tapping
54	148144	Case, Upper
55	---	Grease
56	148142	Sealant
57	148147	Screw, Self-Tapping, Case
58	148117	Arm, Shift
59	148127	Support, Upper, Clutch
60	148138	Key, Woodruff
61	148133	Pin, Snap 14

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NOTE: All component dimensions given in U.S. inches
1 inch = 25.4 mm

REPAIR PARTS

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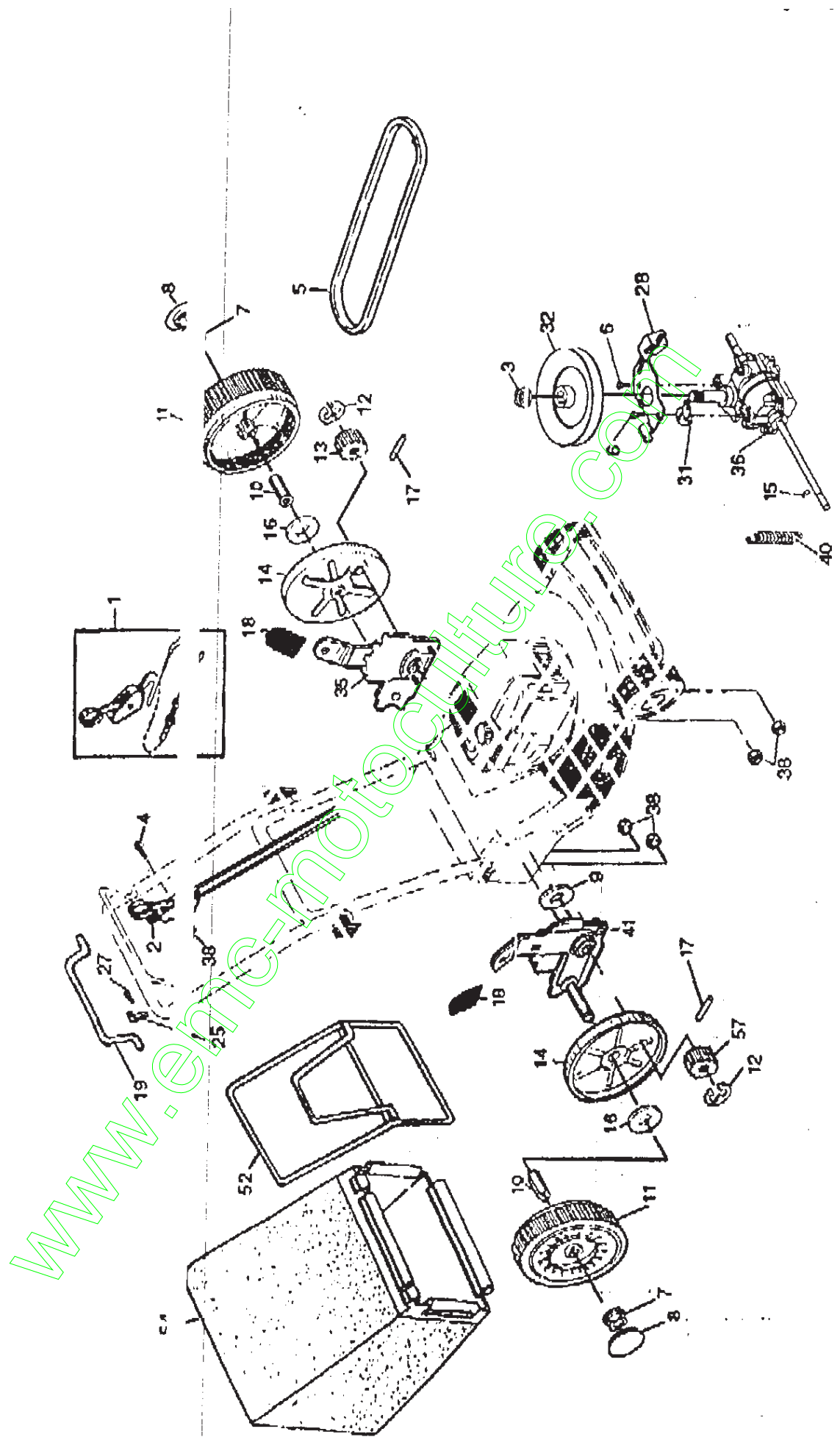
REPAIR PARTS

ROTARY LAWN MOWER MODEL NUMBER BM5HT031A

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	154480X479	Upper Handle	37	150078	Thread Cutting Screw 5/16-18 x 3/4
2	147550	Engine Zone Control Cable	39	153304X479	Handle Bracket Assembly (Left)
3	145073	Grommet, Cable	40	153305X479	Handle Bracket Assembly (Right)
4	150050	Screw, Hex Tapping #10-24 x 1/2	41	146653	Engine Bolt
5	151517	Wire Tie	44	150716	Lawn Mower Housing (Incl. Key #14, 15, 51 & 52)
6	87692	Handle Knob	45	148353	Spacer
7	63601	Locknut 1/4-20	46	144229X004	Blade Adapter
8	145641	Control Bar, Engine	47	141443	Blade Premium
10	147551	Throttle Control	49	850263	Helical Washer 3/8-24 x 1-3/8 Grd. 8
11	128415	Pop Rivets	50	851084	Hex Head Machine Screw 3/8-24 x 1-3/8 Grd. 8
12	STD512505	Hex Tapping Screw 1/4-20 x 1/2	51	801652X479	Front Baffle
13	59935	Screw	52	145494	Danger Decal
14	144991X479	Back Plate	55	751592	Locknut 3/8-16
15	145594X479	Side Baffle	56	88652	Hinge Screw
16	145066X479	Discharge Baffle	57	51793	Hairpin Cotter
17	149027	Truss Head Tapping Screw 1/4-20 x 1/2	58	151723X479	Lower Handle
18	67510	Spacer Washer	59	131959	Handle Bolt
21	150099	Mulcher Plug	61	132001	Rope Guide
22	84596	Engine Pulley	64	145232	Engine - Model No. GXV140A1
23	87677	Hi-Pro Key #505	65	701458	Door
24	150182	Hubcap	66	146595X479	Door Latch
25	12000014	E-Ring	67	702807	Side Discharge Guard
26	83923	Nut, Hex Flange	68	141839	Speed Nut
27	143593	Wheel & Tire Assembly	69	702809	Hinge Spring
28	142748	Shoulder Bolt 3/8-16	70	702809	Hinge Rod
29	62335	Belleville Washer	71	141841	Screw
30	145937X004	Axle Arm Assembly	72	145062	Baffle/Belt Cover
31	701037	Selector Knob	73	17411312	Screw
32	850862X004	Selector Spring	74	751152	Nut Hex Flange 1/4-20
34	146630	Spacer	75	148152X479	Q.T. Baffle Plate
35	88642	Wheel Adjusting Bracket (Left)	76	57143	Wave Washer
36	88641	Wheel Adjusting Bracket (Right)	77	850724	Handle Grip
			--	157360	Owner's Manual (English/French)

REPAIR PARTS

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REPAIR PARTS

ROTARY LAWN MOWER MODEL NUMBER BMSHT031A

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	157877	Drive Control	17	851980	Drive Pin
2	147715	Drive Head Kit	18	701037	Selector Knob
3	M73031000	Nut, Metric	19	145071	Control Bar, Drive
4	144929	Screw 1/4-20	25	860733X004	Upstop Bracket
5	150327	V-Bolt	27	750097	Screw #10-24 x 1/2
7	145212	Nut, Hex Flange	31	145842X004	Lever, Clutch
8	150181	Hubcap	32	150326	Drive Pulley
9	57079	Washer	35	157687	Wheel Adjuster Assembly (Left)
10	88445	Nylon Bushing	36	150330	Gear Case Assembly
11	157341	Wheel & Tire Assembly	38	STD541425	Hex Locknut 1/4-20
12	12000058	E-Ring	40	144902	Spring, Belt Tension
13	850017	Pinion, L.H.	41	157686	Wheel Adjuster Assembly (Right)
14	88080	Dust Cover	52	150224	Catcher Frame
15	145354	Pin, Spring Thrust	54	151570	Grassbag Assembly
16	67725	Washer 1/2 x 1-1/2 x .134	57	850016	Pinion, R.H.

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