



**MARUYAMA U.S., INC.**

15436 N.E. 95th St., Redmond, Washington 98052  
P.O. Box 2167, Redmond, Washington 98073-2167  
Phone (206) 885-0811 Fax (206) 885-0123

# **ILLUSTRATED PARTS LIST**

## **MODEL BC402**

### **BRUSHCUTTER**

**Effective 5-15-93**

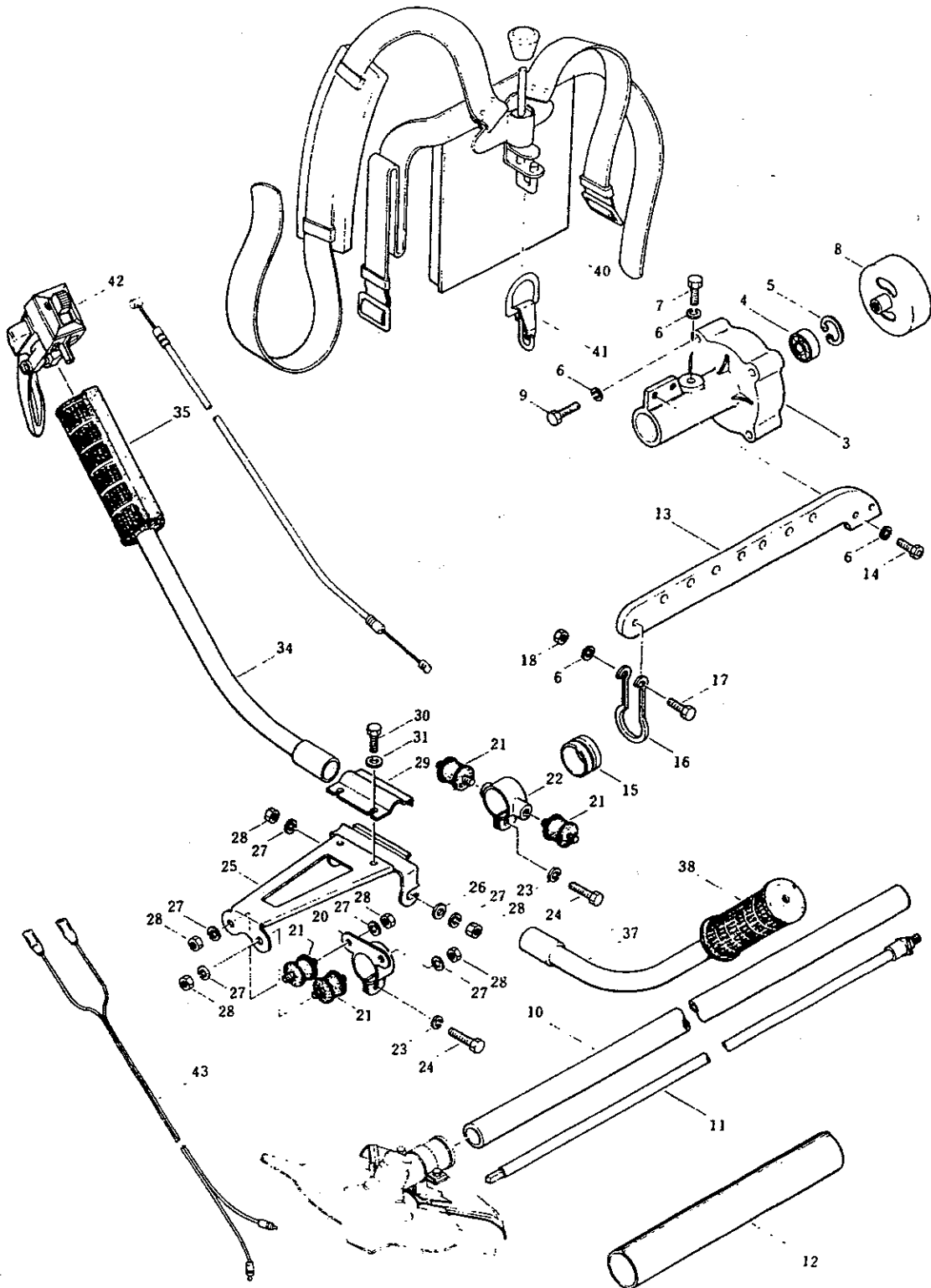


*Maruyama — Manufacturing quality agricultural sprayers and equipment since 1895.*

# PARTS LIST

# MODEL BC402

## 1. MAIN BODY



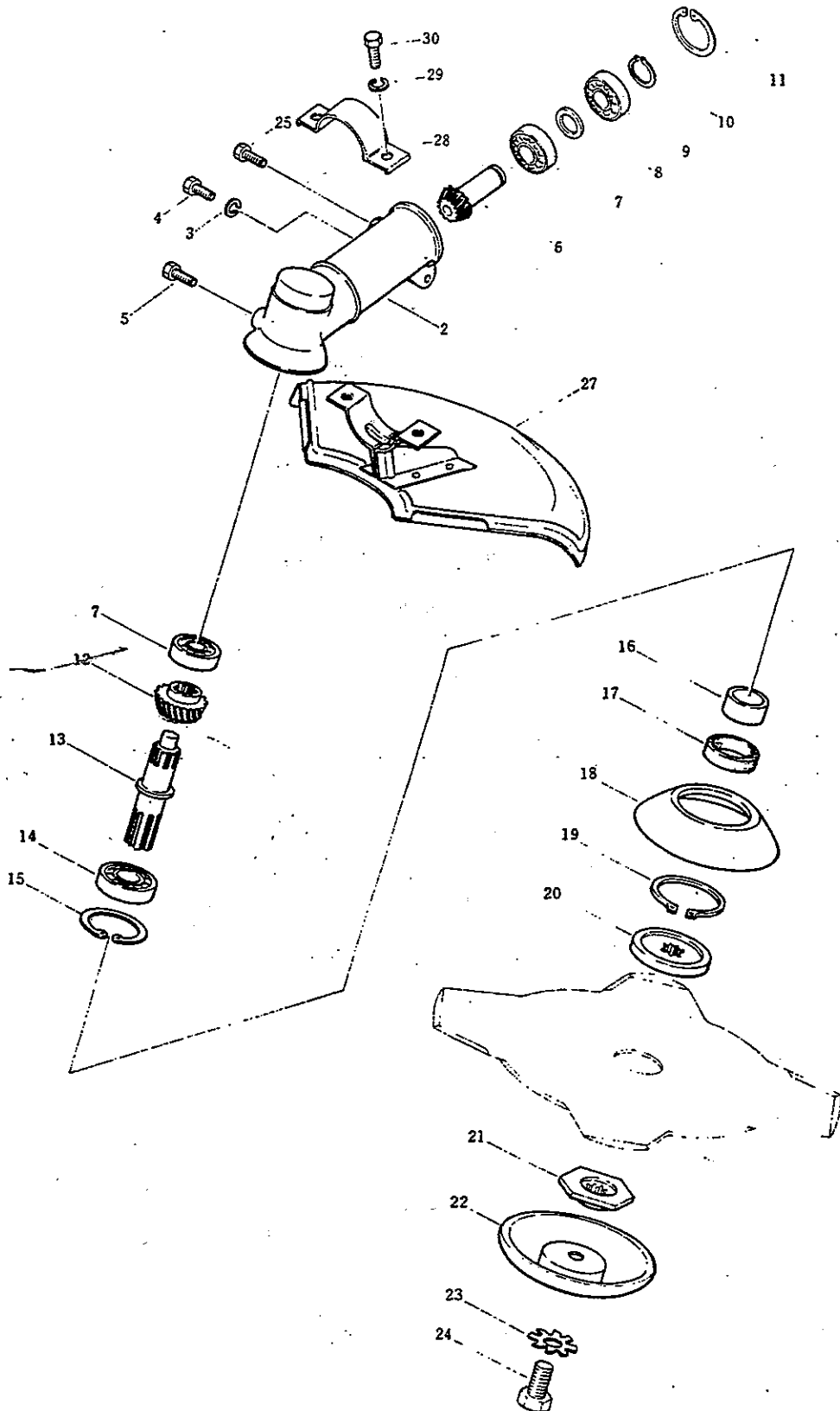
MARUYAMA U.S., INC.

Ref.No.	Parts No.	Parts Name	Q'ty	Ref.No.	Parts No.	Parts Name	Q'ty
1-1	344476	BC402	1	1-41	054947	Hanger	1
1-2	904182	Clutch case, ass'y	1	1-42	212097	Throttle lever	1
1-3	904179	. Clutch case	1	1-43	212251	Lead wire	1
1-4	140474	. Bearing (#6202ZZ)	1				
1-5	012380	. Snap ring (#35)	1				
1-6	012502	Spring washer (M6)	8				
1-7	082092	Bolt (M6X8)	1				
1-8	902835	Clutch drum (φ78, M8)	1				
1-9	082111	Bolt (M6X35)	4				
1-10	904079	Outer transmission pipe, ass'y (φ28X 1500L)	1				
1-11	902897	Inner transmission shaft (φ8X1588L)	1				
1-12	212167	Waist pad	1				
1-13	054789	Hanging bar	1				
1-14	089691	Bolt (M6X15)	2				
1-15	908067	Outer transmission pipe protector	1				
1-16	902289	Hanging band bracket (A)	1				
1-17	082099	Bolt (M6X18)	1				
1-18	081030	Nut (M6)	1				
1-19	902935	Vibration absorber, ass'y	1				
1-20	902926	. Pipe band bracket (A)	1				
1-21	054797	. Buffer	4				
1-22	902927	. Pipe band bracket (B)	1				
1-23	015845	. Spring washer (M8)	2				
1-24	080126	. Bolt (M8X20)	2				
1-25	054796	. Buffer body	1				
1-26	013754	. Washer (M6)	1				
1-27	012502	. Spring washer (M6)	6				
1-28	081030	. Nut (M6)	6				
1-29	054801	. Handle bracket (B)	1				
1-30	080129	. Bolt (M8X25)	2				
1-31	014065	. Washer (M8)	2				
1-32	212094	Handle, ass'y	1				
1-33	212095	. Handle right, ass'y	1				
1-34	054798	.. Handle	1				
1-35	212096	.. Knob	1				
1-36	212169	. Handle left, ass'y	1				
1-37	054798	.. Handle	1				
1-38	212170	.. Knob	1				
1-39	210463	Shoulder hanging band, ass'y	1				
1-40	212171	. Shoulder hanging band	1				

# PARTS LIST

# MODEL BC402

## 2. GEAR CASE



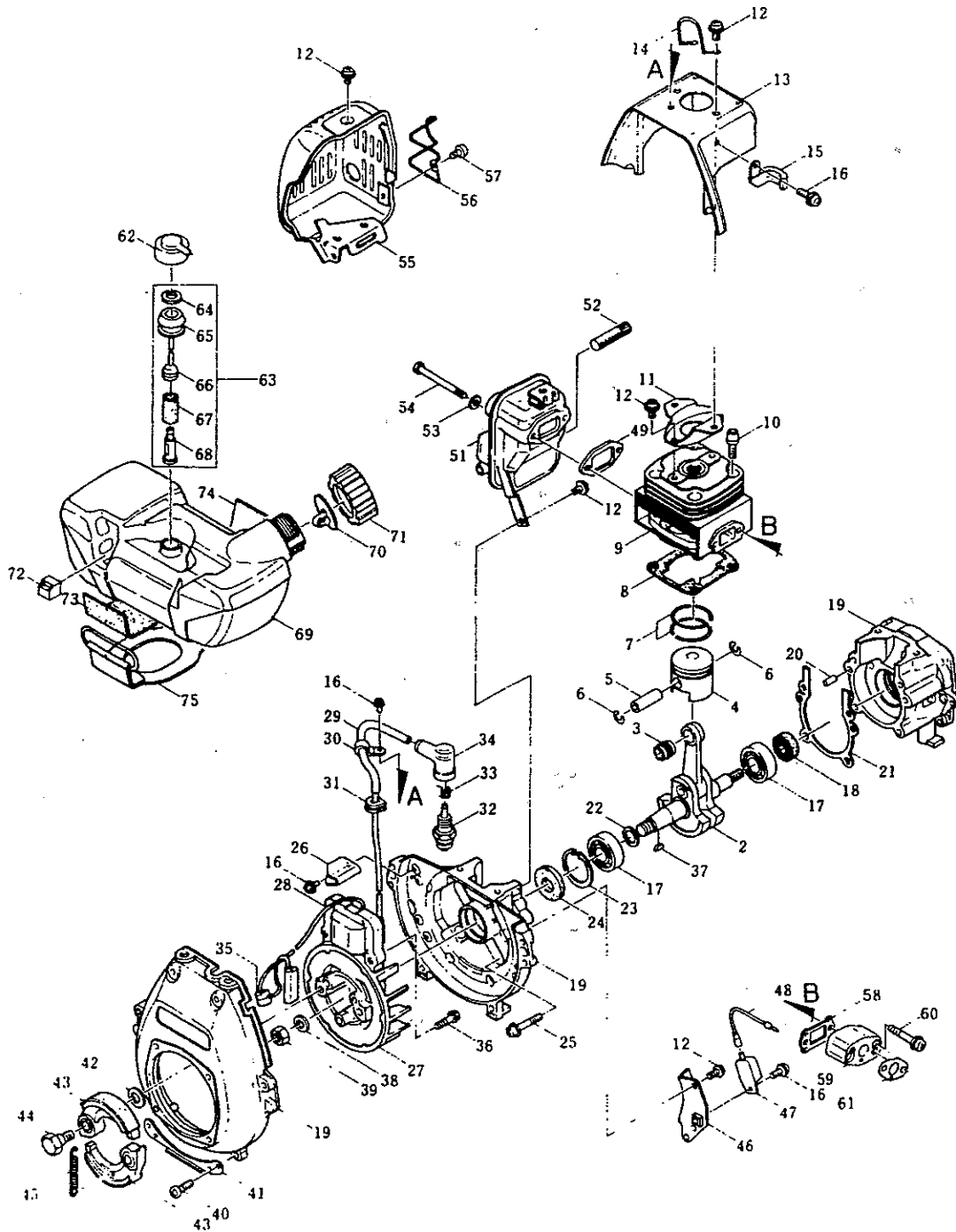
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Ref.No.	Parts No.	Parts Name	Q'ty	Ref.No.	Parts No.	Parts Name	Q'ty
2-1	210606	Gear case, ass'y	1				
2-2	904180	. Gear case	1				
2-3	012502	. Spring washer (M6)	1				
2-4	082102	. Bolt (M6X25)	1				
2-5	089101	. Bolt (M8X10)	1				
2-6	054734	. Pinion gear	1				
2-7	014490	. Bearing (#6000)	2				
2-8	054728	. Washer ( $\phi 10.2 \times \phi 16 \times t1$ )	1				
2-9	106933	. Bearing (#6000Z)	1				
2-10	014210	. Snap ring (#10)	1				
2-11	054676	. Snap ring (#26)	1				
2-12	054810	. Gear	1				
2-13	054809	. Blade axis	1				
2-14	022009	. Bearing (#6002)	1				
2-15	016732	. Snap ring (#32)	1				
2-16	054812	. Blade axis collar	1				
2-17	211818	. Oil seal (D22 32 6)	1				
2-18	054806	. Stabilizer	1				
2-19	055459	. Snap ring (#40)	1				
2-20	054813	. Boss (A)	1				
2-21	210307	. Boss (B)	1				
2-22	210308	. Stabilizer	1				
2-23	210309	. Toothed washer	1				
2-24	089432	. Bolt (M8X18, Counterclockwise)	1				
2-25	082094	Bolt (M6X10)	1				
2-26	210636	Safety cover, ass'y	1				
2-27	210637	. Safety cover	1				
2-28	210641	. Safety cover bracket (C)	1				
2-29	012502	. Spring washer (M6)	2				
2-30	089552	. Bolt (M6X20)	2				

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# MODEL BC402

## 3. ENGINE (CRANKSHAFT, PISTON, TANK, MUFFLER)



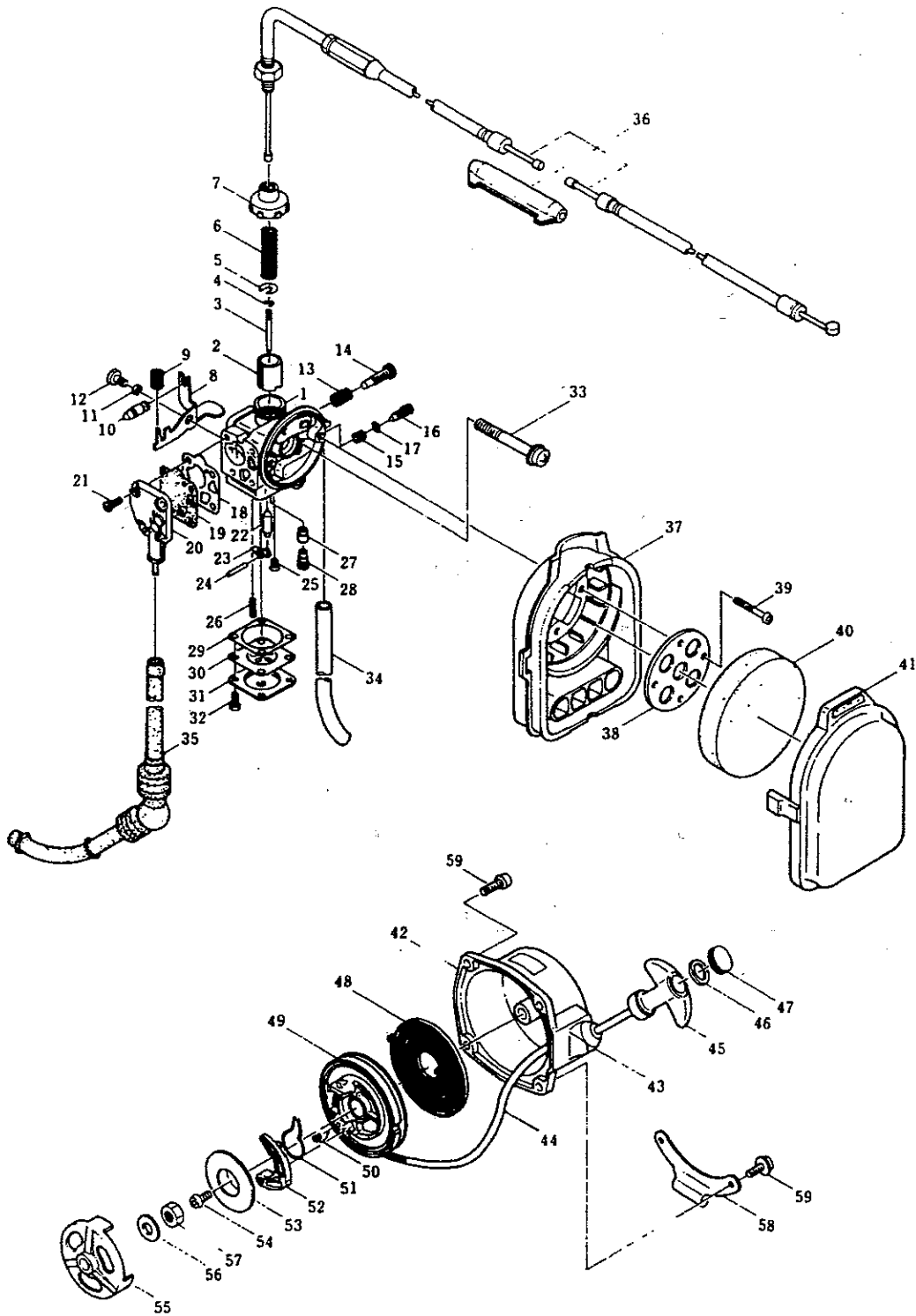
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Ref.No.	Parts No.	Parts Name	Q'ty	Ref.No.	Parts No.	Parts Name	Q'ty
3-1	212092	Engine (TD40)	1	3-38	944472	Washer	1
3-2	944745	Crankshaft, ass'y	1	3-39	943569	Nut	1
3-3	943281	. Needle bearing	1	3-40	943539	Screw	4
3-4	944744	Piston	1	3-41	996408	Bracket	1
3-5	944448	Piston pin	1	3-42	943478	Washer	2
3-6	943307	Snap ring	2	3-43	943476	Clutch shoe	2
3-7	943875	Piston ring set	1	3-44	943475	Clutch pin	2
3-8	944438	Gasket	1	3-45	943477	Spring	1
3-9	944437	Cylinder	1	3-46	944758	Cover	1
3-10	943288	Bolt	4	3-47	944108	Igniter	1
3-11	944446	Bracket	1	3-48	944119	Lead wire	1
3-12	944441	Screw	9	3-49	943298	Gasket	1
3-13	944445	Shroud	1	3-50	996409	Muffler, ass'y	1
3-14	944761	Protector	1	3-51	996414	. Muffler body	1
3-15	944473	Clamp	1	3-52	996415	. Arrester	1
3-16	943579	Screw	4	3-53	944442	Washer	2
3-17	071386	Bearing (#6202C3)	2	3-54	944440	Bolt	2
3-18	071320	Oil seal	1	3-55	944743	Muffler cover	1
3-19	944746	Crank case, ass'y	1	3-56	996410	Guard	1
3-20	071100	. Dowel pin	2	3-57	996411	Screw	1
3-21	944453	Gasket	1	3-58	944462	Gasket	1
3-22	943020	Shim (t=0.1)	AR	3-59	944749	Insulator	1
3-22	943021	Shim (t=0.2)	AR	3-60	944751	Screw	2
3-22	943022	Shim (t=0.4)	AR	3-61	944750	Gasket	1
3-22	943023	Shim (t=0.6)	AR	3-62	943768	Tank cap	1
3-23	944458	Snap ring	1	3-63	996413	Strainer, ass'y	1
3-24	944456	Oil seal	1	3-64	944087	. Strainer	1
3-25	944457	Screw	4	3-65	943586	. Clamp	1
3-26	944444	Plate	1	3-66	944755	. Pipe	1
3-27	944515	Flywheel	1	3-67	943769	. Element	1
3-28	944516	Ignition coil	1	3-68	943770	. Weight	1
3-29	944275	Tube	1	3-69	944752	Fuel tank, ass'y	1
3-30	943980	Clamp	1	3-70	943977	. Breather	1
3-31	944474	Grommet	1	3-71	944398	. Tank cap	1
3-32	943982	Spark plug (BM6A)	1	3-72	944172	Damper	4
3-33	943771	Spring	1	3-73	943760	Damper	1
3-34	943773	Cap	1	3-74	943783	Damper	1
3-35	943968	Grommet	1	3-75	944468	Tank band	1
3-36	943457	Bolt	2				
3-37	071090	Key	1				

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## 4. ENGINE (CARBURETOR, RECOIL STARTER)



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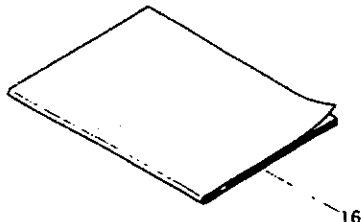
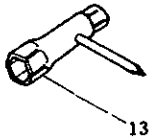
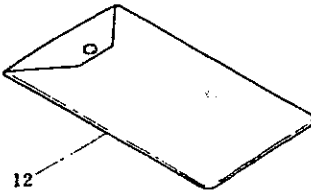
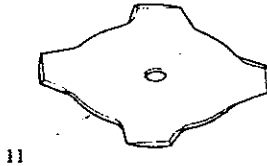
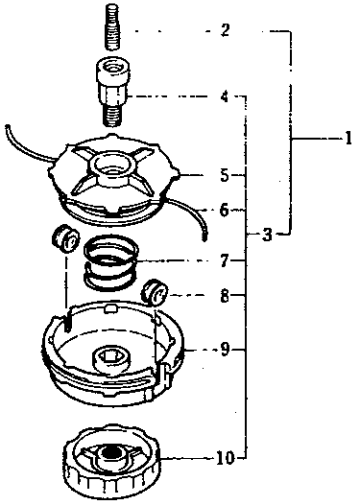


Ref.No.	Parts No.	Parts Name	Q'ty	Ref.No.	Parts No.	Parts Name	Q'ty
4-1	944748	Carburetor, ass'y	1	4-41	944651	Air cleaner cap	1
4-2	944846	. Throttle valve	1	4-42	944450	Recoil starter, ass'y	1
4-3	996416	. Jet needle	1	4-43	943090	. Rope guide	1
4-4	071145	. Needle clip	1	4-44	944488	. Rope	1
4-5	943167	. Retainer	1	4-45	943093	. Handle	1
4-6	071253	. Spring	1	4-46	943094	. Washer	1
4-7	071252	. Body cap	1	4-47	943095	. Cap	1
4-8	943938	. Lever	1	4-48	944487	. Spring	1
4-9	944704	. Spring	1	4-49	944486	. Reel	1
4-10	943629	. Breather valve	1	4-50	943467	. Return spring	1
4-11	943747	. Collar	1	4-51	943221	. Spring	1
4-12	943572	. Screw	1	4-52	943220	. Pawl	1
4-13	943192	. Spring	1	4-53	944328	. Cover	1
4-14	943211	. Slow stop screw	1	4-54	943222	. Screw	1
4-15	943743	. Spring	1	4-55	943979	Pulley	1
4-16	944702	. Adjust screw	1	4-56	071190	Washer	1
4-17	943755	O-ring	1	4-57	943173	Nut	1
4-18	943751	. Gasket	1	4-58	944466	Bracket	1
4-19	943752	. Diaphragm	1	4-59	944451	Screw	4
4-20	943750	. Pump cover	1				
4-21	943621	. Screw	4				
4-22	943615	. Needle valve	1				
4-23	944703	. Lever	1				
4-24	943745	. Pin	1				
4-25	943748	. Screw	1				
4-26	943744	. Spring	1				
4-27	944764	. Needle jet	1				
4-28	944765	. Holder	1				
4-29	943754	. Gasket	1				
4-30	943749	. Diaphragm, ass'y	1				
4-31	943753	. Cover	1				
4-32	943622	. Screw	4				
4-33	944059	Screw	2				
4-34	943642	Tube	1				
4-35	944747	Priming pump	1				
4-36	212247	Throttle wire	1				
4-37	944611	Air cleaner case	1				
4-38	944614	Air cleaner plate	1				
4-39	944522	Screw	2				
4-40	944613	Element	1				

# PARTS LIST

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## 5. ACCESSORIES



MARUYAMA U.S., INC.

Ref.No	Parts No.	Parts Name	Q'ty	Ref.No.	Parts No.	Parts Name	Q'ty
5-1	211088	Nylon cutter, ass'y	1				
5-2	210244	. Setting bolt	1				
5-3	211089	. Nylon cutter	1				
5-4	210800	.. Shaft bolt	1				
5-5	211090	.. Spool	1				
5-6	210801	.. Nylon cord	1				
5-7	210802	.. Spring	1				
5-8	210803	.. Cord guide	2				
5-9	211091	.. Housing	1				
5-10	211092	.. Knob	1				
5-11	054751	Mowing blade (#255)	1				
5-12	054753	Tool bag	1				
5-13	210418	Box spanner (13X19X ⊕)	1				
5-14	054756	Double-ended wrench (10X13)	1				
5-15	210314	Spanner (41)	1				
5-16	212099	Instruction manual	1				