



MARUYAMA U.S., INC.

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ILLUSTRATED PARTS LIST

MODEL MP5000E
MODEL MP5020E

WATER PUMP

Effective 12-15-93

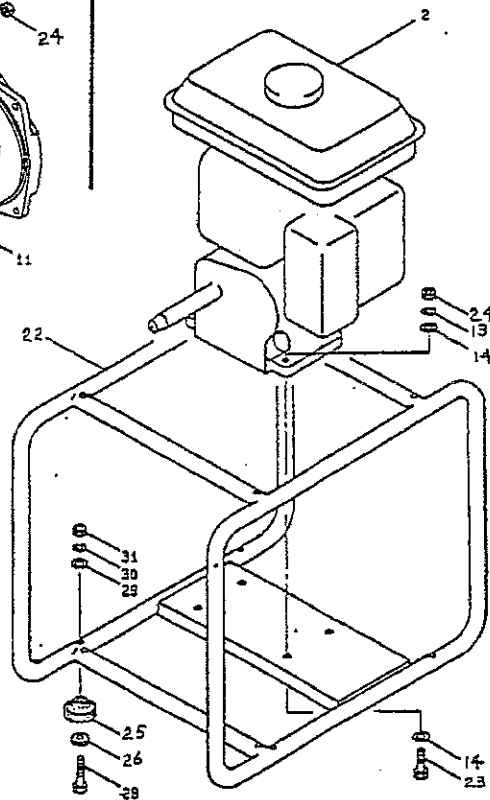
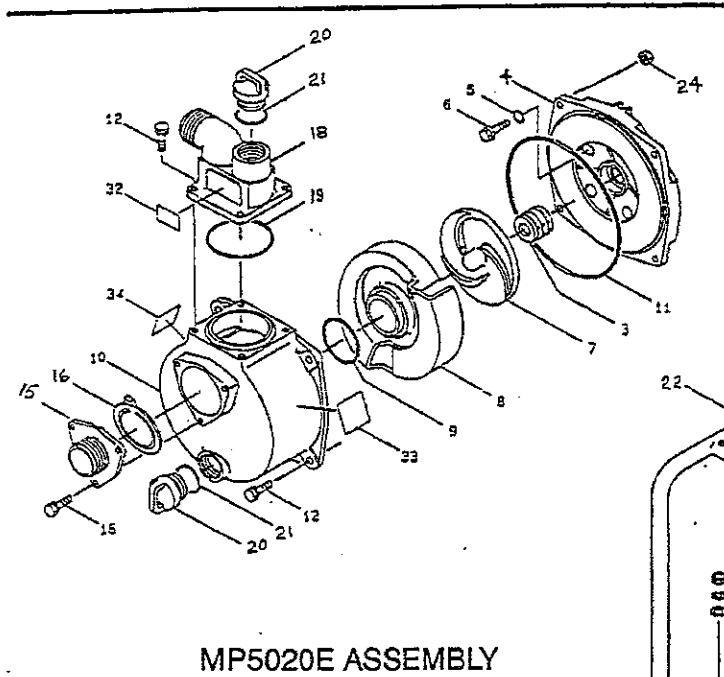
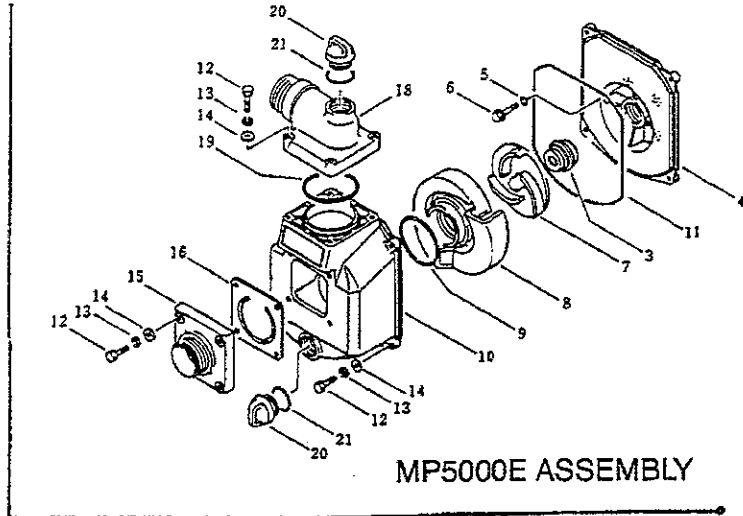
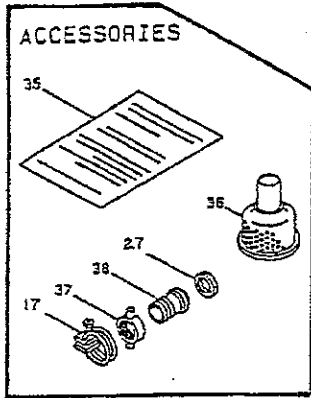


MODEL MP5000E

MODEL MP5020E

1. MAIN BODY, ACCESSORIES

1. PUMP, FRAME, & ACCESSORIES



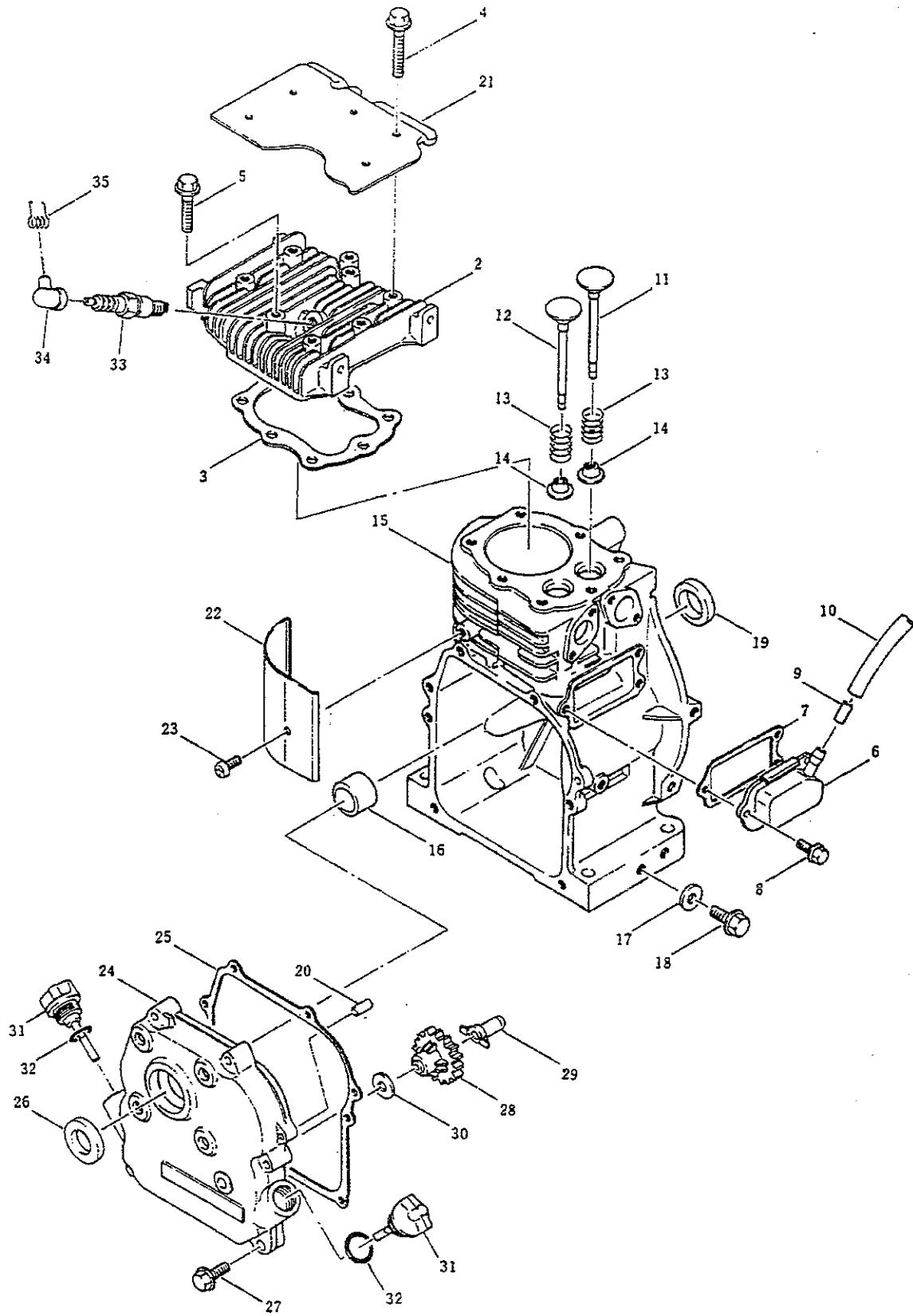
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Ref. No.	Description	MP5000E Parts No.	Q'ty.	MP5020E Parts No.	Q'ty.
1-1	Pump ass'y - complete	332135	1	332034	1
1-2	Engine	240071	1	240071	1
1-3	Mechanical seal	240072	1	240072	1
1-4	Case cover	240073	1	240480	1
1-5	Ø-ring (P8)	014190	4	014190	
1-6	Bolt (M8x40x22)	089721	4	089721	4
1-7	Impeller	240074	1	240389	1
1-8	Scroll	240075	1	240584	1
1-9	O-ring	015858(G75)	1	012392(G60)	1
1-10	Casing	240076	1	240585	1
1-11	O-ring	02767	1	016601	1
1-12	Bolt (M8x30x22)	080130	12	092530(M8x25)	8
1-13	Spring washer (M8)	015845	16	015845	4
1-14	Washer (M8)	012489	16	012489	8
1-15	Inlet port (PF2)	240077	1	240536	1
1-16	Check valve	240079	1	240484	1
1-17	Hose band	240098	3	240098	3
1-18	Discharge port (PF2)	240081	1	240587	1
1-19	O-ring	011340(G85)	1	012393(G80)	1
1-20	Plug (M36)	240082	2	240082	2
1-21	O-ring (P36)	018690	2	018690	2
1-22	Frame	240715	1	240715	1
1-23	Bolt (M8x40x22)	080138	4	080138	4
1-24	Nut (M8)	081039	4	081039	8
1-25	Foot pad	240714	4	240714	4
1-26	Washer	028842	4	028842	4
1-27	Packing	014025	2	014025	2
1-28	Bolt (M6x40)	082124	4	082124	4
1-29	Washer (M6)	012488	4	012488	4
1-30	Spring washer (M6)	012502	4	012502	4
1-31	Nut (M6)	081030	4	081030	4
1-32	Label (Maruyama)			240368	1
1-33	Label			240019	1
1-34	Label (MP5020E)			240500	1
1-35	Instruction Manual	240090	1	240710	1
1-36	Strainer	240093	1	240495	1
1-37	Hose coupling (PF2)	240096	2	240096	2
1-38	Hose coupling insert	240097	2	24009	2

MODEL MP5000E

MODEL MP5020E

2. ENGINE (CYLINDER, VALVE)



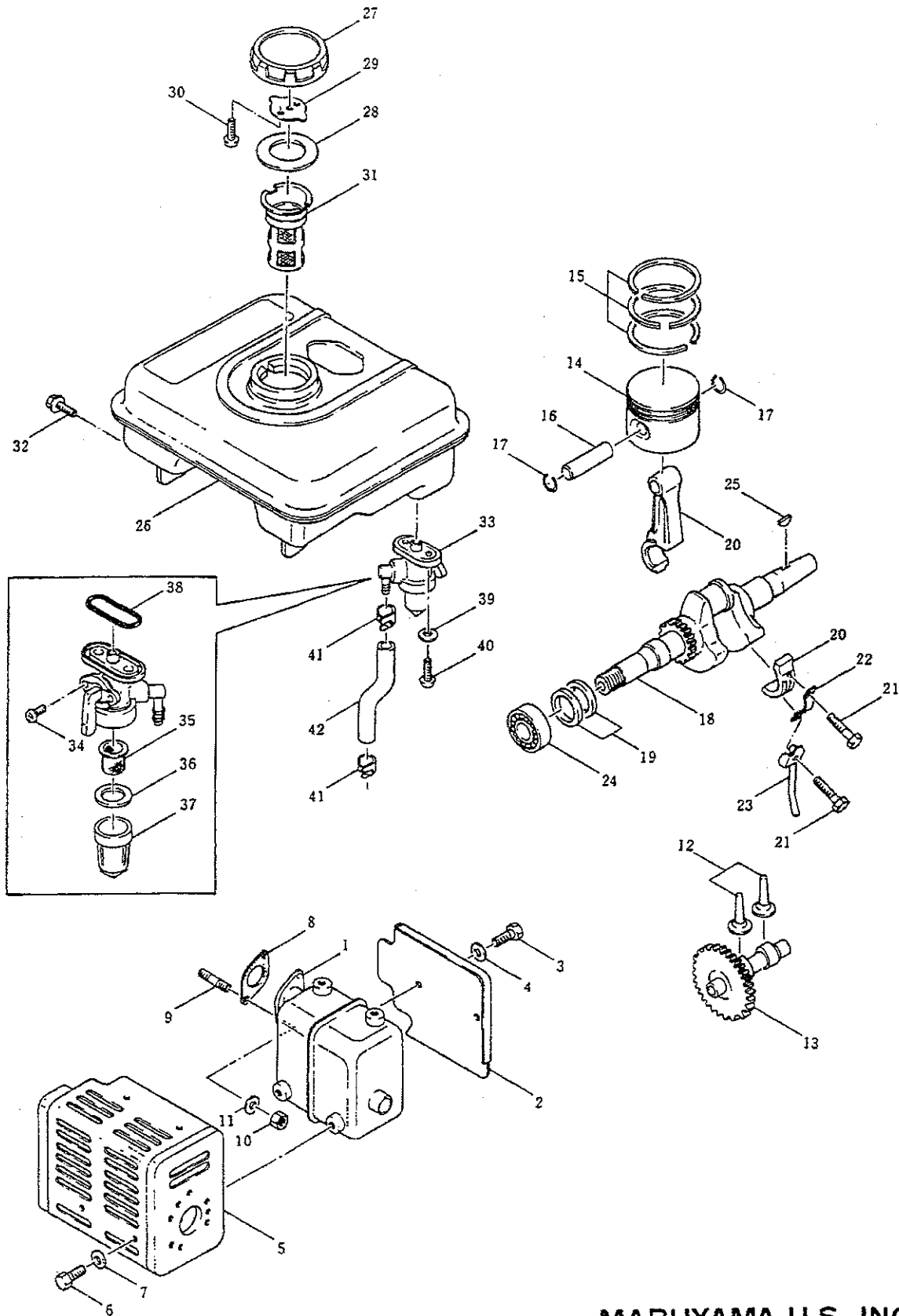
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Ref.No.	Parts No.	Parts Name	Q'ty	Ref.No.	Parts No.	Parts Name	Q'ty
2-1	240071	Engine (FA130D)	1				
2-2	996240	Cylinder head	1				
2-3	996241	Gasket	1				
2-4	996242	Bolt	6				
2-5	996243	Bolt	1				
2-6	996244	Cover	1				
2-7	996245	Gasket	1				
2-8	996246	Bolt	3				
2-9	996247	Pipe	1				
2-10	944924	Tube (160L)	1				
2-11	996248	Inlet valve	1				
2-12	996249	Exhaust valve	1				
2-13	996250	Spring	2				
2-14	996251	Retainer	2				
2-15	996252	Crankcase, ass'y	1				
2-16	996253	. Bearing	1				
2-17	996254	. Gasket	2				
2-18	944876	. Bolt	2				
2-19	996255	Oil seal	1				
2-20	071717	Dowel pin	2				
2-21	996256	Cylinder head cover	1				
2-22	996257	Cylinder cover	1				
2-23	996258	Screw	1				
2-24	996259	Crankcase cover	1				
2-25	996260	Gasket	1				
2-26	996261	Oil seal	1				
2-27	996262	Bolt	6				
2-28	996263	Governor, ass'y	1				
2-29	944871	Governor sleeve	1				
2-30	944870	Washer	1				
2-31	996264	Oil filler cap	2				
2-32	996265	O-ring	2				
2-33	944883	Spark plug (BP4HS)	1				
2-34	944884	Plug cap	1				
2-35	944885	Spring	1				

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MODEL MP5020E

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



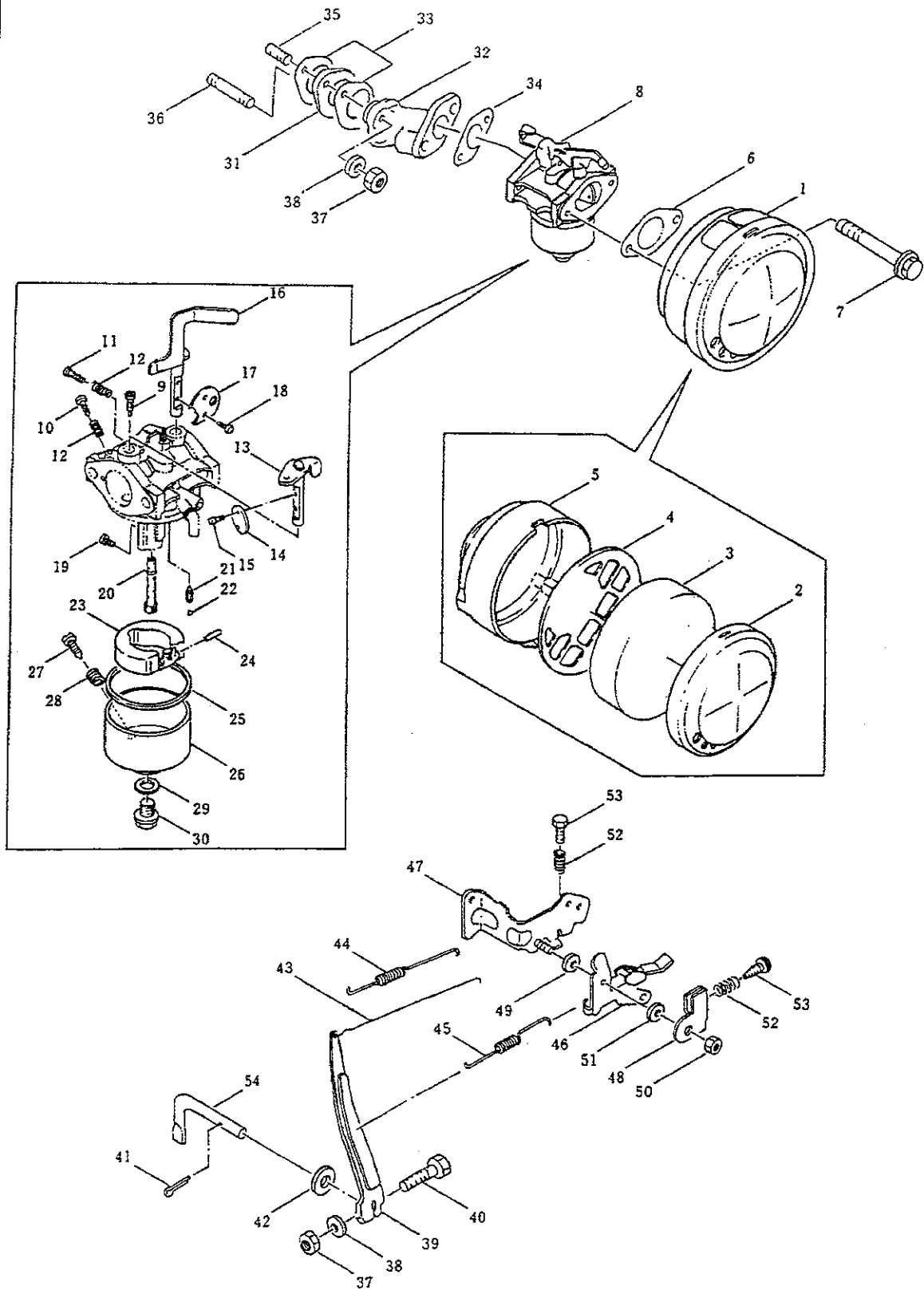
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Ref.No.	Parts No.	Parts Name	Q'ty	Ref.No.	Parts No.	Parts Name	Q'ty
3-1	996266	Muffler, ass'y	1	3-38	944908	O-ring	1
3-2	996267	. Muffler cover	1	3-39	944878	Washer	2
3-3	943729	. Bolt	2	3-40	944901	Screw	2
3-4	944442	. Washer	2	3-41	996287	Clip	2
3-5	996268	Muffler cover	1	3-42	996288	Tube (180L)	1
3-6	943729	Boit	4				
3-7	944442	Washer	4				
3-8	996269	Gasket	1				
3-9	944914	Stud	2				
3-10	943863	Nut	2				
3-11	071120	Washer	2				
3-12	996270	Tappet	2				
3-13	996271	Cam gear	1				
3-14	996272	Piston	1				
3-15	996273	Piston ring set	1				
3-16	944889	Piston pin	1				
3-17	996274	Snap ring	2				
3-18	996275	Crankshaft	1				
3-19	996276	Shim (t1.0)	AR				
3-19	996277	Shim (t1.2)	AR				
3-19	996278	Shim (t1.4)	AR				
3-19	996279	Shim (t1.6)	AR				
3-20	996280	Connecting rod, ass'y	1				
3-21	996281	. Bolt	2				
3-22	996282	Lock washer	1				
3-23	996283	Splasher arm	1				
3-24	071896	Ball bearing (#6204)	1				
3-25	071919	Key	1				
3-26	996284	Fuel tank, ass'y	1				
3-27	996285	. Tank cap, ass'y	1				
3-28	944896	.. Gasket	1				
3-29	944897	.. Spring	1				
3-30	944898	.. Screw	2				
3-31	944899	. Fuel strainer	1				
3-32	996286	Bolt	4				
3-33	944903	Filter, ass'y	1				
3-34	944904	. Screw	2				
3-35	944905	. Strainer	1				
3-36	944906	. Gasket	1				
3-37	944907	. Filter pot	1				

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MODEL MP5020E

4. ENGINE (CARBURETOR, AIR CLEANER)



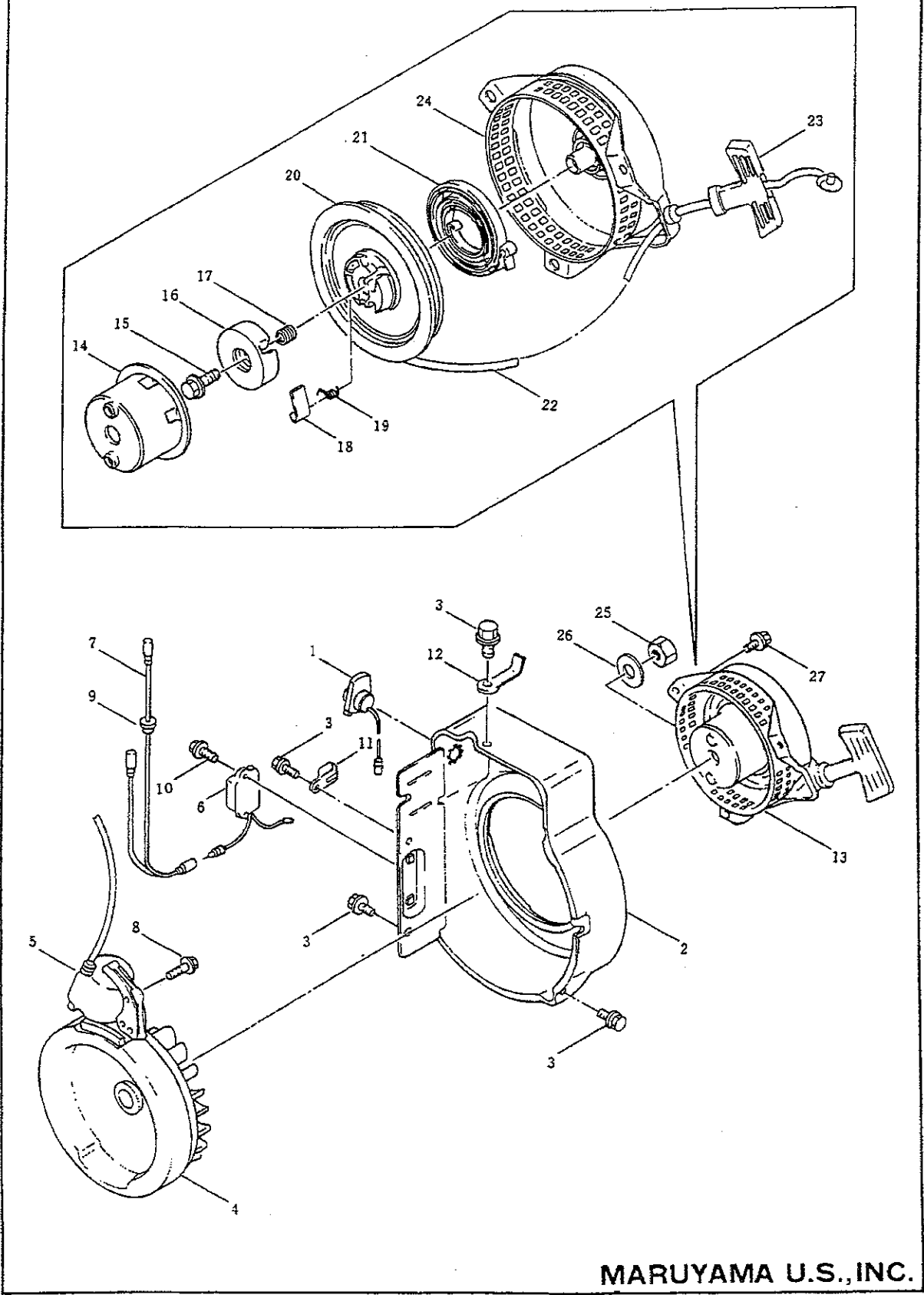
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Ref.No.	Parts No.	Parts Name	Q'ty	Ref.No.	Parts No.	Parts Name	Q'ty
4-1	996289	Air cleaner, ass'y	1	4-41	944955	Snap pin	1
4-2	996290	. Air cleaner cover	1	4-42	071120	Washer	1
4-3	996291	. Element	1	4-43	996316	Governor link	1
4-4	996292	. Air cleaner plate	1	4-44	996317	Link spring	1
4-5	996293	. Air cleaner case	1	4-45	996318	Governor spring	1
4-6	996294	Gasket	1	4-46	996319	Control lever	1
4-7	996295	Bolt	2	4-47	996320	Bracket	1
4-8	996296	Carburetor, ass'y	1	4-48	996321	Bracket	1
4-9	996297	. Pilot jet (#35)	1	4-49	944961	Washer	1
4-10	996298	. Pilot screw	1	4-50	944965	Nut	1
4-11	944522	. Screw	1	4-51	944963	Spring	1
4-12	944928	. Spring	2	4-52	996322	Spring	2
4-13	996299	. Throttle shaft	1	4-53	996323	Screw	2
4-14	996300	. Throttle valve (#130)	1	4-54	996324	Governor tip	1
4-15	944931	. Screw	1				
4-16	996301	. Choke shaft	1				
4-17	996302	. Choke valve	1				
4-18	944934	. Screw	2				
4-19	996303	. Main jet (#67.5)	1				
4-20	996304	. Main nozzle (#2A)	1				
4-21	944937	. Needle valve	1				
4-22	996305	. Clip	1				
4-23	944939	. Float	1				
4-24	944940	. Float pin	1				
4-25	944941	. Gasket	1				
4-26	996306	. Float chamber, ass'y	1				
4-27	996307	. . Drain screw	1				
4-28	944944	. . Spring	1				
4-29	944945	. Gasket	1				
4-30	944946	. Bolt	1				
4-31	996308	Insulator	1				
4-32	996309	Inlet pipe	1				
4-33	996310	Gasket	2				
4-34	996311	Gasket	1				
4-35	996312	Stud	1				
4-36	996313	Stud	1				
4-37	943863	Nut	3				
4-38	944442	Washer	3				
4-39	996314	Governor arm	1				
4-40	996315	Bolt	1				

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MODEL MP5020E

5. ENGINE (FAN COVER, MAGNETO, STARTER)



MARUYAMA U.S., INC.

Ref.No.	Parts No.	Parts Name	Q'ty	Ref.No.	Parts No.	Parts Name	Q'ty
5-1	944986	Stop switch	1				
5-2	996325	Fan housing	1				
5-3	996326	Bolt	5				
5-4	996327	Flywheel	1				
5-5	996328	Ignition coil	1				
5-6	996329	Igniter	1				
5-7	996330	Lead wire	1				
5-8	944990	Bolt	2				
5-9	996331	Grommet	1				
5-10	996332	Screw	2				
5-11	996333	Clamp	1				
5-12	996334	Clamp	1				
5-13	996335	Recoil starter, ass'y	1				
5-14	996336	Pulley	1				
5-15	996337	Bolt	1				
5-16	996338	Retainer	1				
5-17	996339	Spring	1				
5-18	996340	Recoil pawl	1				
5-19	996341	Return spring	1				
5-20	996342	Recoil reel	1				
5-21	996343	Recoil spring	1				
5-22	996344	Rope (#4X1320L)	1				
5-23	996345	Handle	1				
5-24	996346	Recoil case	1				
5-25	996347	Nut	1				
5-26	996348	Washer	1				
5-27	996349	Bolt	3				



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