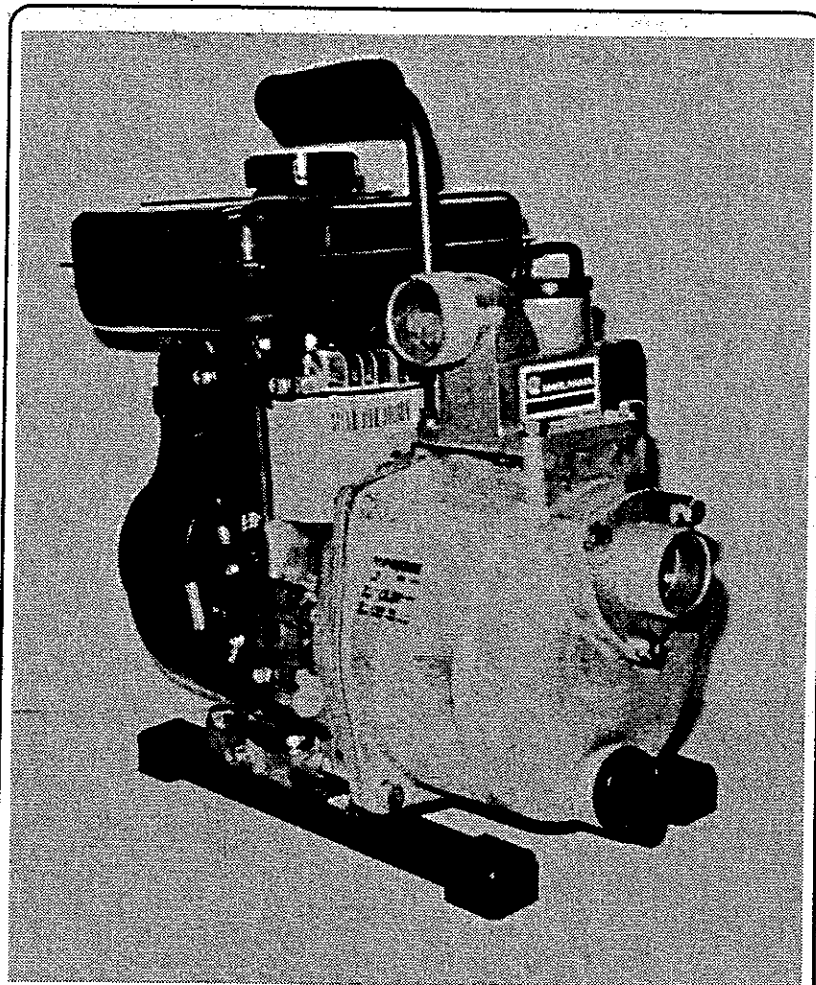




*Manufacturing quality equipment since 1895.*

# ILLUSTRATED PARTS LIST

Models MP4000E & MP4020E



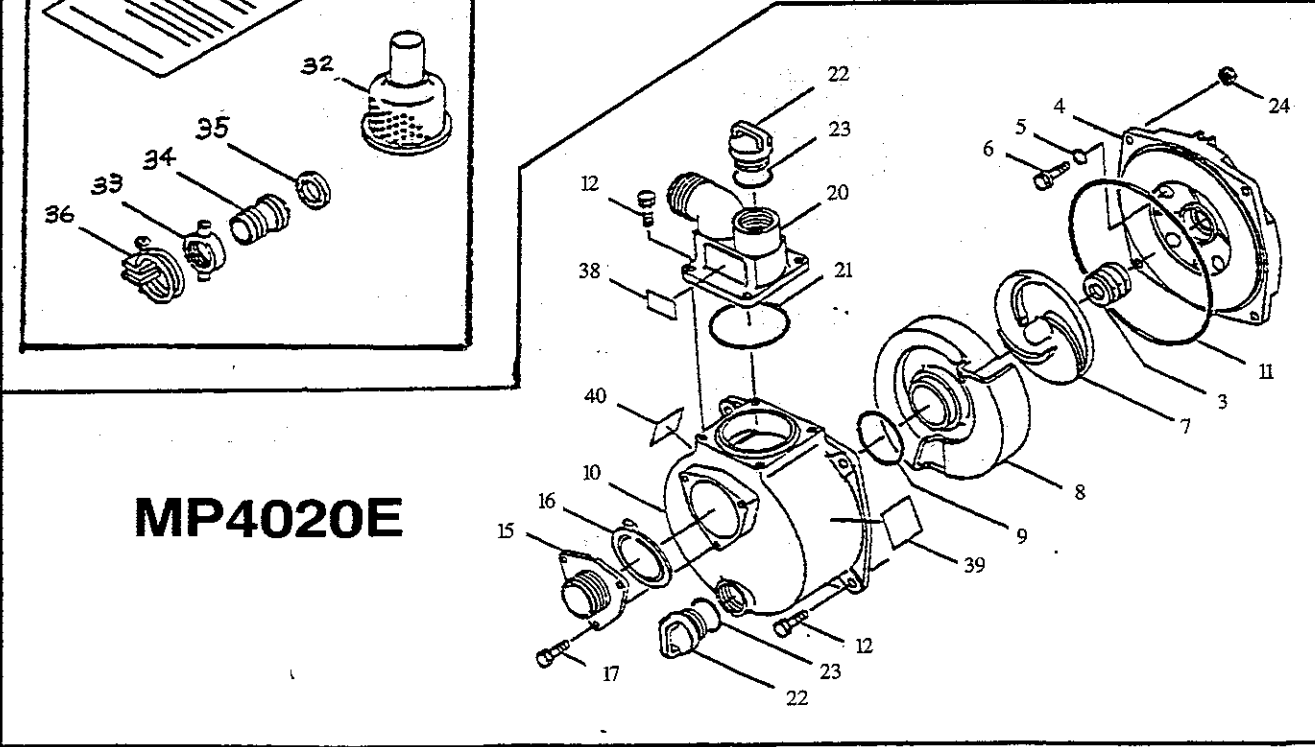
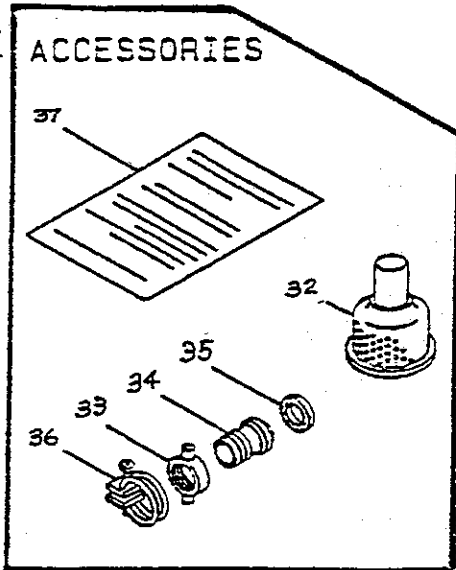
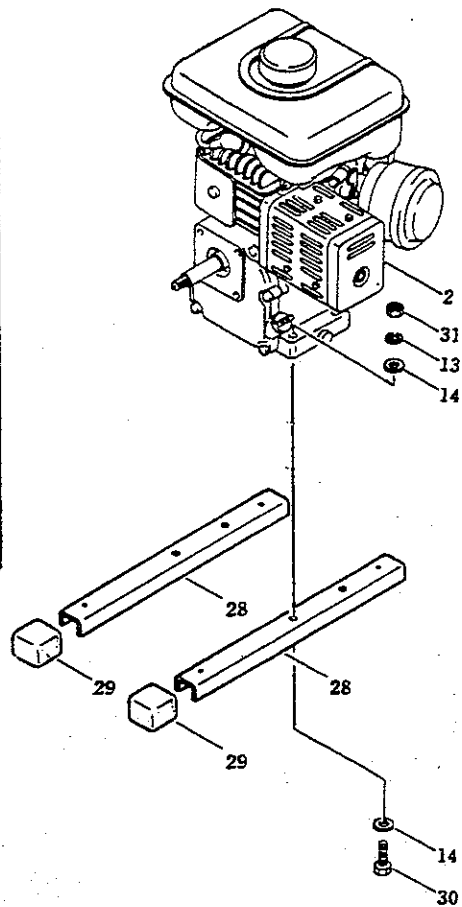
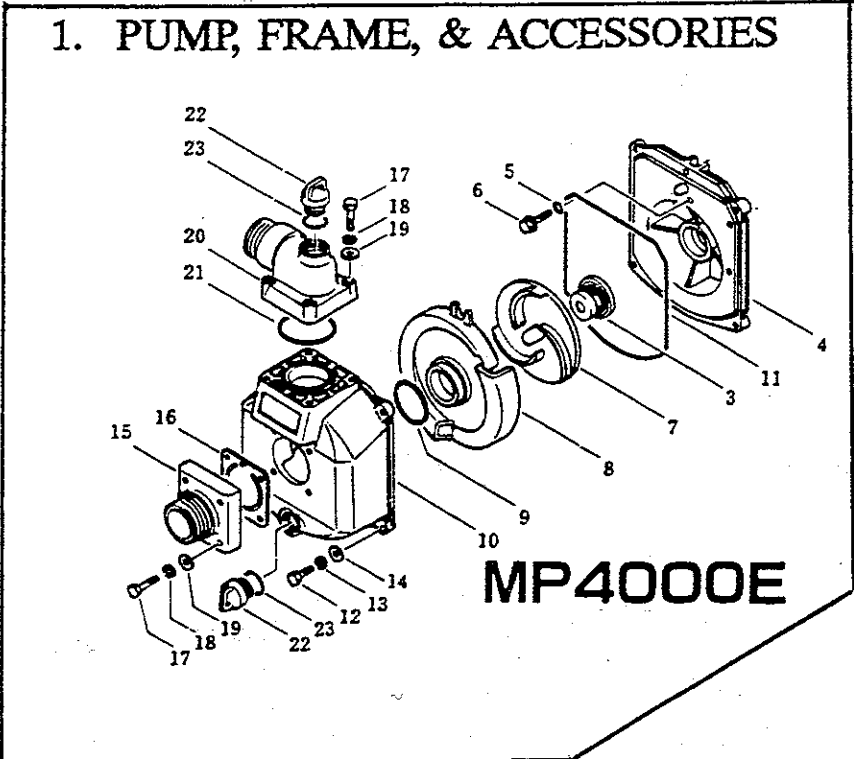
MP4000E & MP4020E

Water Pump

# MODEL MP4000E

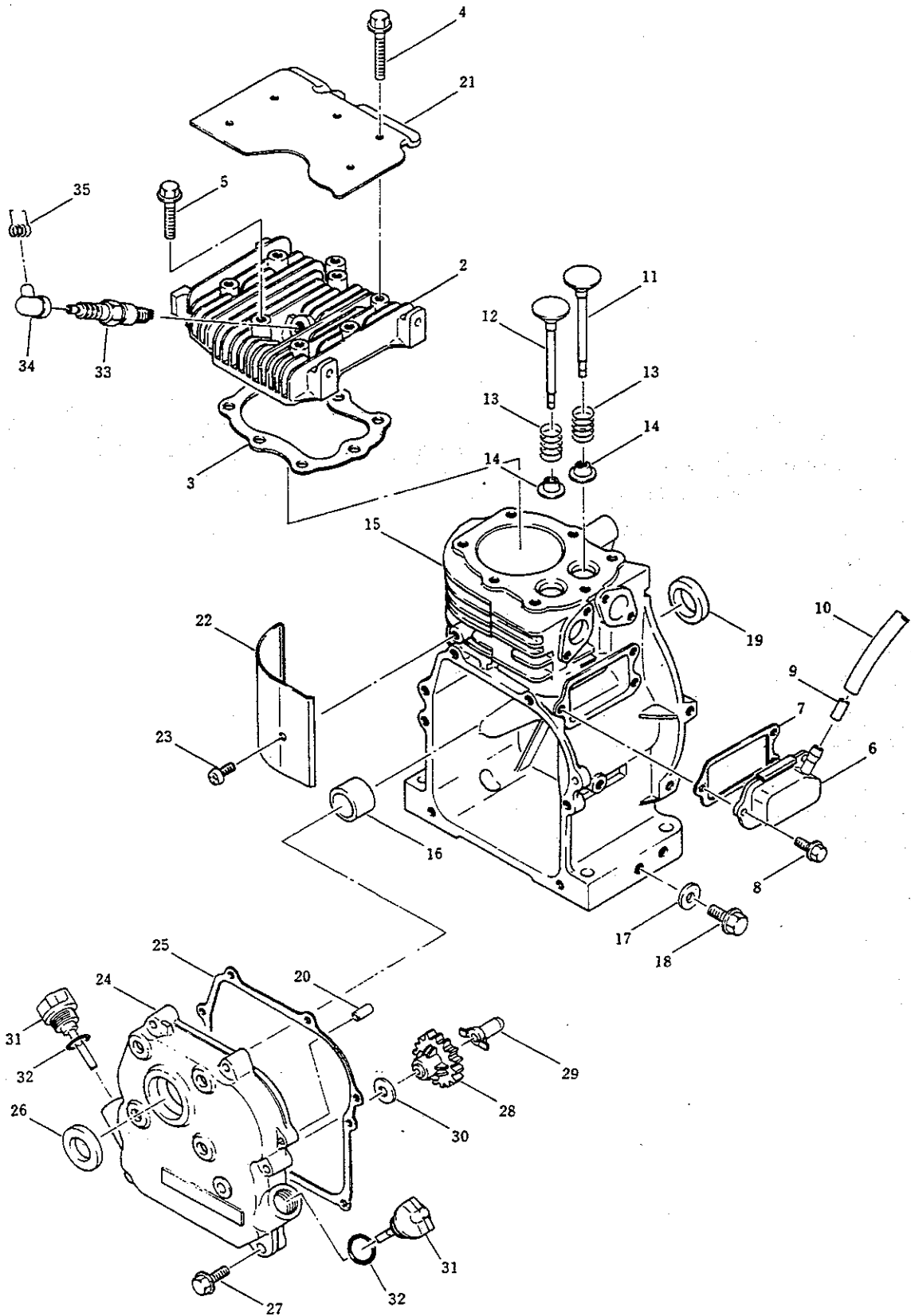
# MODEL MP4020E

## 1. PUMP, FRAME, & ACCESSORIES



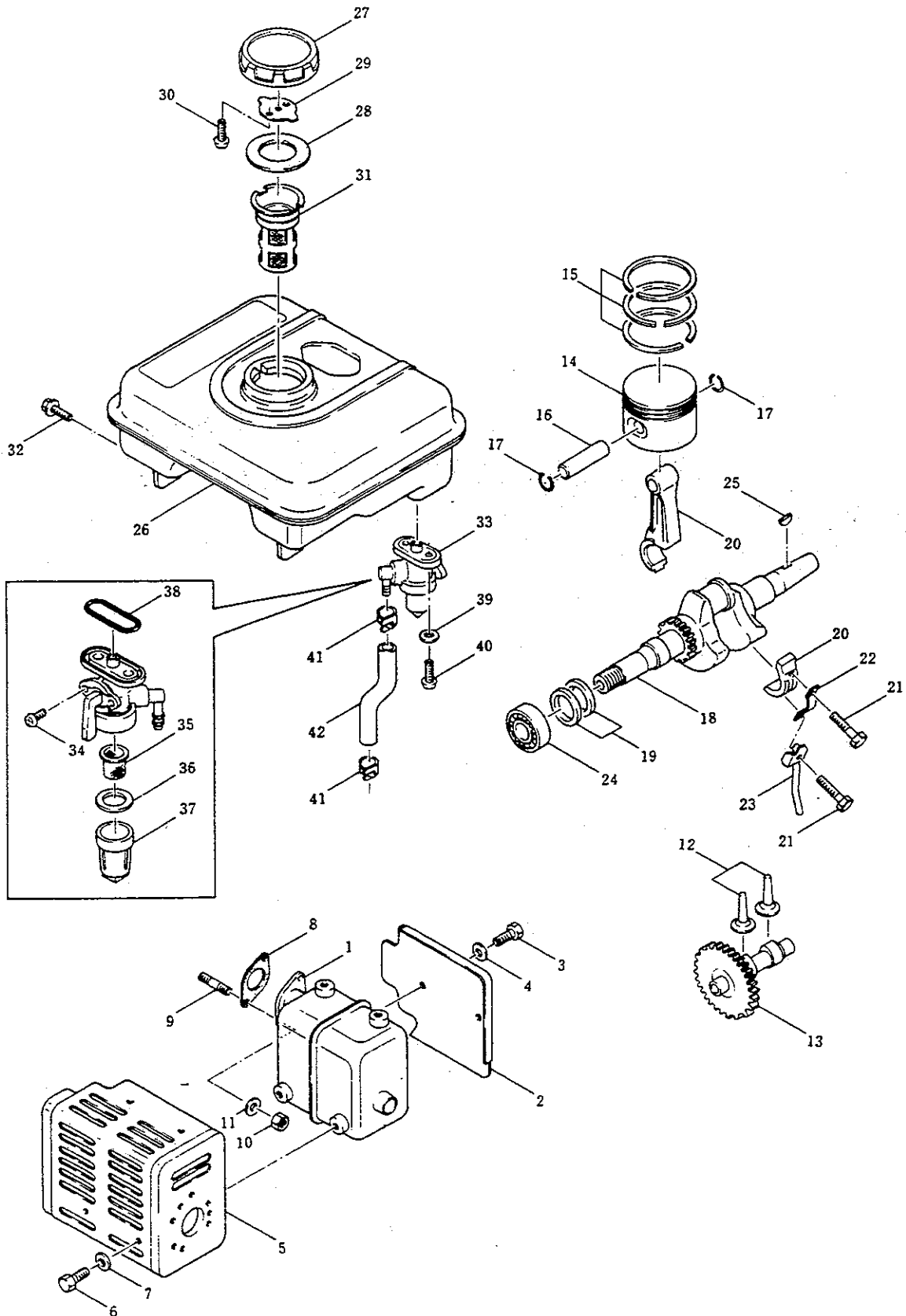
MODEL MP4000E				MODEL MP4020E			
Ref. No.	Part No.	Description	Q'ty	Ref. No.	Part No.	Description	Q'ty
1-1	332136	MP4000E	1	1-1	332026	MP4020E	1
1-2	240071	Engine (FA130D)	1	1-2	240071	Engine (FA130D)	1
1-3	240072	Mechanical seal	1	1-3	240072	Mechanical seal	1
1-4	240179	Case cover	1	1-4	240503	Case cover	1
1-5	014190	O-ring (P8)	4	1-5	014190	O-ring (P8)	1
1-6	089721	Bolt (M8 x 40 x 22)	4	1-6	089721	Bolt (M8 x 40 x 22)	4
1-7	240180	Impeller	1	1-7	240592	Impeller	1
1-8	240051	Scroll	1	1-8	240593	Scroll	1
1-9	018694	O-ring (P46)	1	1-9	012392	O-ring (G60)	1
1-10	240038	Casing	1	1-10	240583	Casing	1
1-11	027418	O-ring (ø185.5 x ø2.4)	1	1-11	016601	O-ring (ø185.5 x ø2.4)	1
1-12	080129	Bolt (M8 x 25)	4	1-12	092530	Bolt (M8 x 25)	8
1-13	015845	Spring washer (M8)	8	1-13	015845	Spring washer (M8)	4
1-14	012489	Washer (M8)	12	1-14	012489	Washer (M8)	8
1-15	240052	Inlet port (PF1-1/2)	1	1-15	240594	Inlet port (PF1-1/2)	1
1-16	240009	Check valve	1	1-16	240484	Check valve	1
1-17	082106	Bolt (M6 x 30 18)	8	1-17	092521	Bolt (M8 x 20)	3
1-18	012502	Spring washer (M6)	10				
1-19	012488	Washer (M6)	10				
1-20	240054	Discharge port (PF1-1/2)	1	1-20	240595	Discharge port (PF1-1/2)	1
1-21	015856	O-ring (G55)	1	1-21	012393	O-ring (G80)	1
1-22	240012	Plug (M24)	2	1-22	240082	Plug (M36)	2
1-23	020285	O-ring (P24)	2	1-23	018690	O-ring (P36)	2
1-24	240069	Handle	1	1-24	240069	Handle	1
1-25	240040	Stay	1	1-25	240040	Stay	1
1-26	082111	Bolt (M6 x 35 x 18)	2	1-26	092556	Bolt (WSW-M6 x 30)	2
1-27	054974	Grip	1	1-27	054974	Grip	1
1-28	240181	Frame	2	1-28	240181	Frame rail	2
1-29	240044	Foot pad	4	1-29	240044	Foot pad	4
1-30	080138	Bolt (M8 x 40 x 22)	4	1-30	080133	Bolt (M8 x 35 x 22)	4
1-31	081039	Nut (M8)	4	1-31	081039	Nut (M8)	4
1-32	240059	Strainer	1	1-32	240512	Strainer	1
1-33	240064	Female coupling (PF1-1/2)	2	1-33	240064	Female coupling (PF1-1/2)	2
1-34	240065	Hose coupling insert	2	1-34	240065	Hose coupling insert	2
1-35	240066	Packing (ø36 x ø44.5 x t2)	2	1-35	240066	Packing (ø36 x ø44.5 x t2)	2
1-36	240067	Hose band	3	1-36	240067	Hose band	3
1-37	240057	Instruction manual	1	1-37	240627	Instruction manual	1
				1-38	240368	Label (MARUYAMA)	1
				1-39	240019	Label (WARNING)	1
				1-40	240517	Label (Name plate)	1

2. ENGINE (CYLINDER, VALVE)



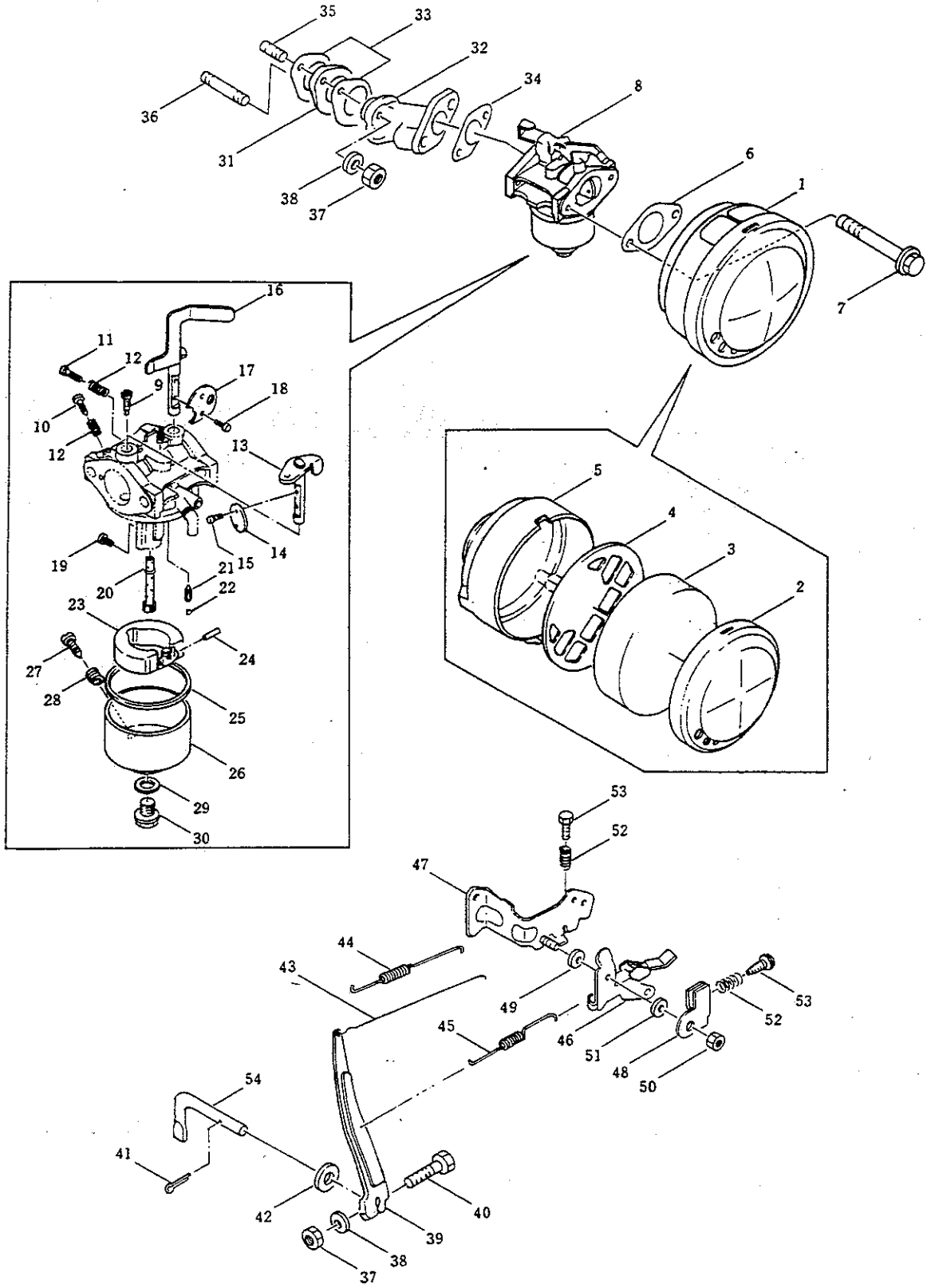
Ref.No.	Parts No.	Parts Name	Q'ty	Ref.No.	Parts No.	Parts Name	Q'ty
2-1	240071	Engine (FA130D)	1				
2-2	996240	Cylinder head	1				
2-3	996241	Gasket	1				
2-4	996242	Bolt	6				
2-5	996243	Bolt	1				
2-6	996244	Cover	1				
2-7	996245	Gasket	1				
2-8	996246	Bolt	3				
2-9	996247	Pipe	1				
2-10	944924	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				

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



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	Bolt	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				

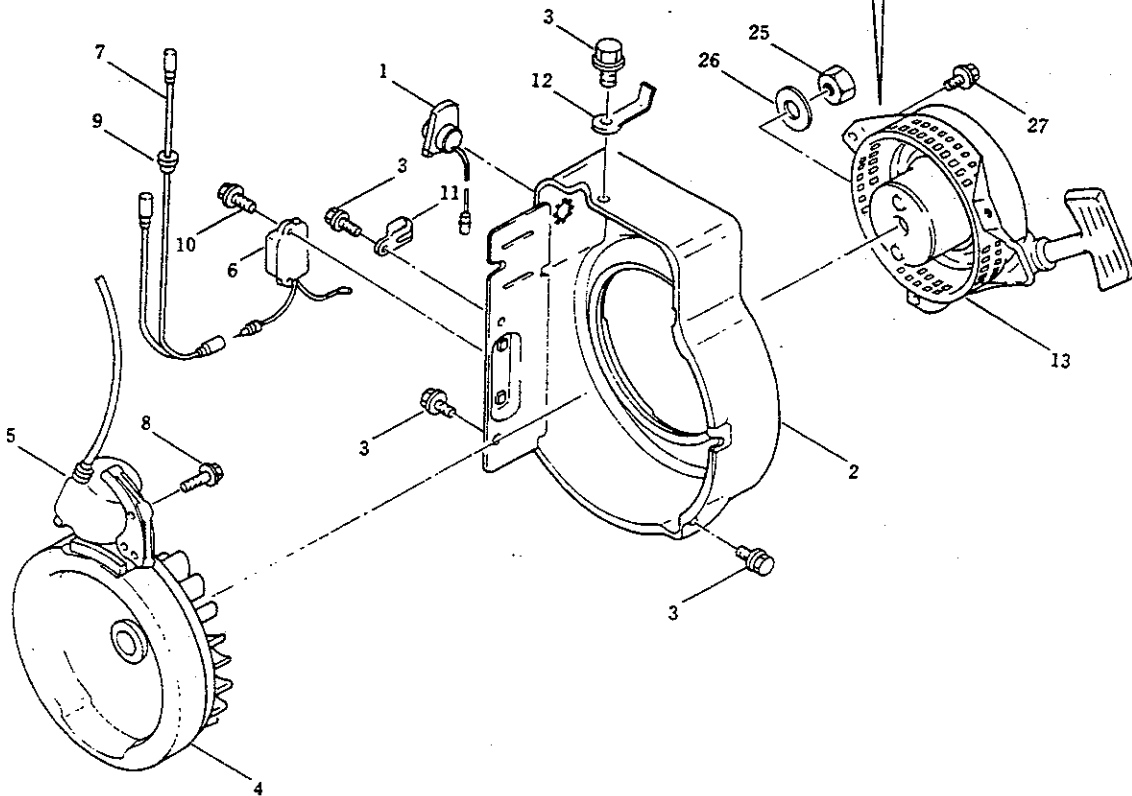
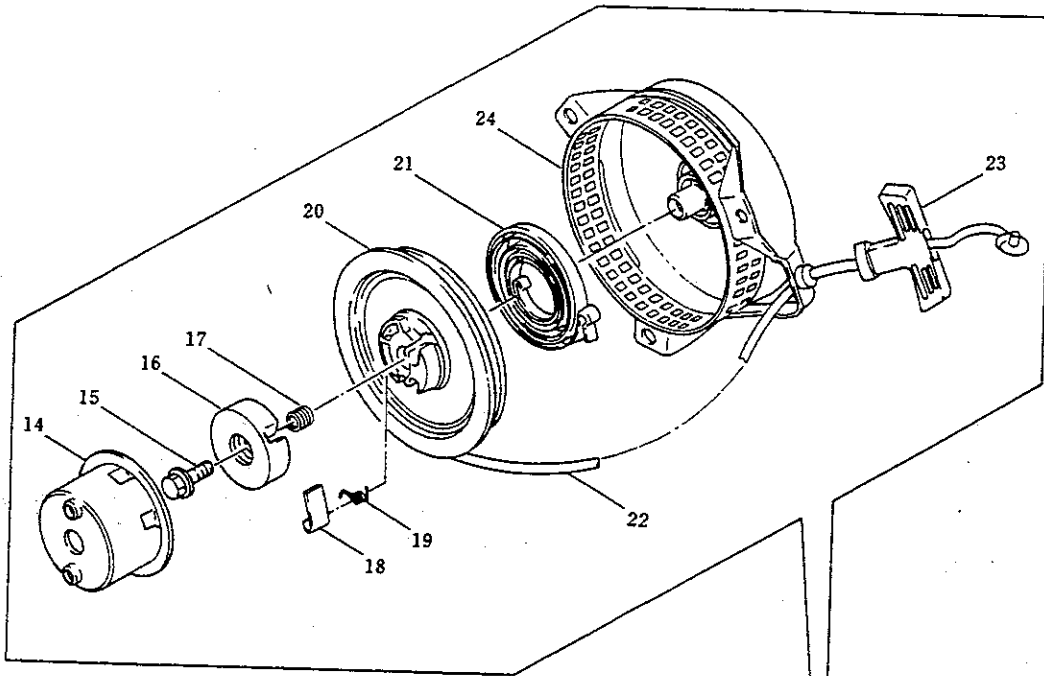
4. ENGINE (CARBURETOR, AIR CLEANER)





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				

5. ENGINE (FAN COVER, MAGNETO, STARTER)



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				



**Maruyama U.S., Inc.**  
3570 Shelby Lane  
Denton, TX 76207  
940-383-7400 voice  
940-383-7466 fax

[www.maruyama-us.com](http://www.maruyama-us.com)