

# PARTS LIST

## MS331EAB

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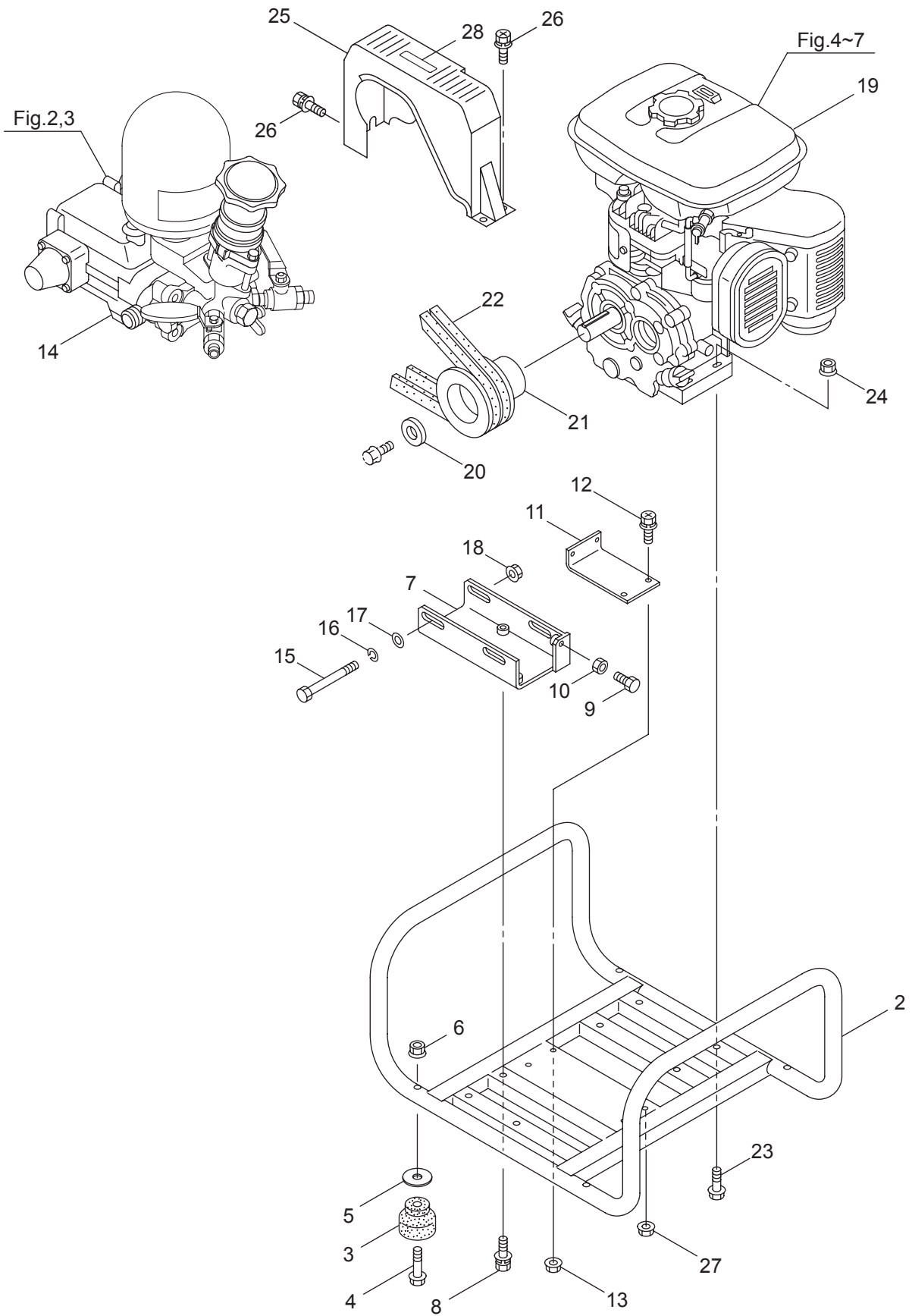
2013. 05.



**MARUYAMA**

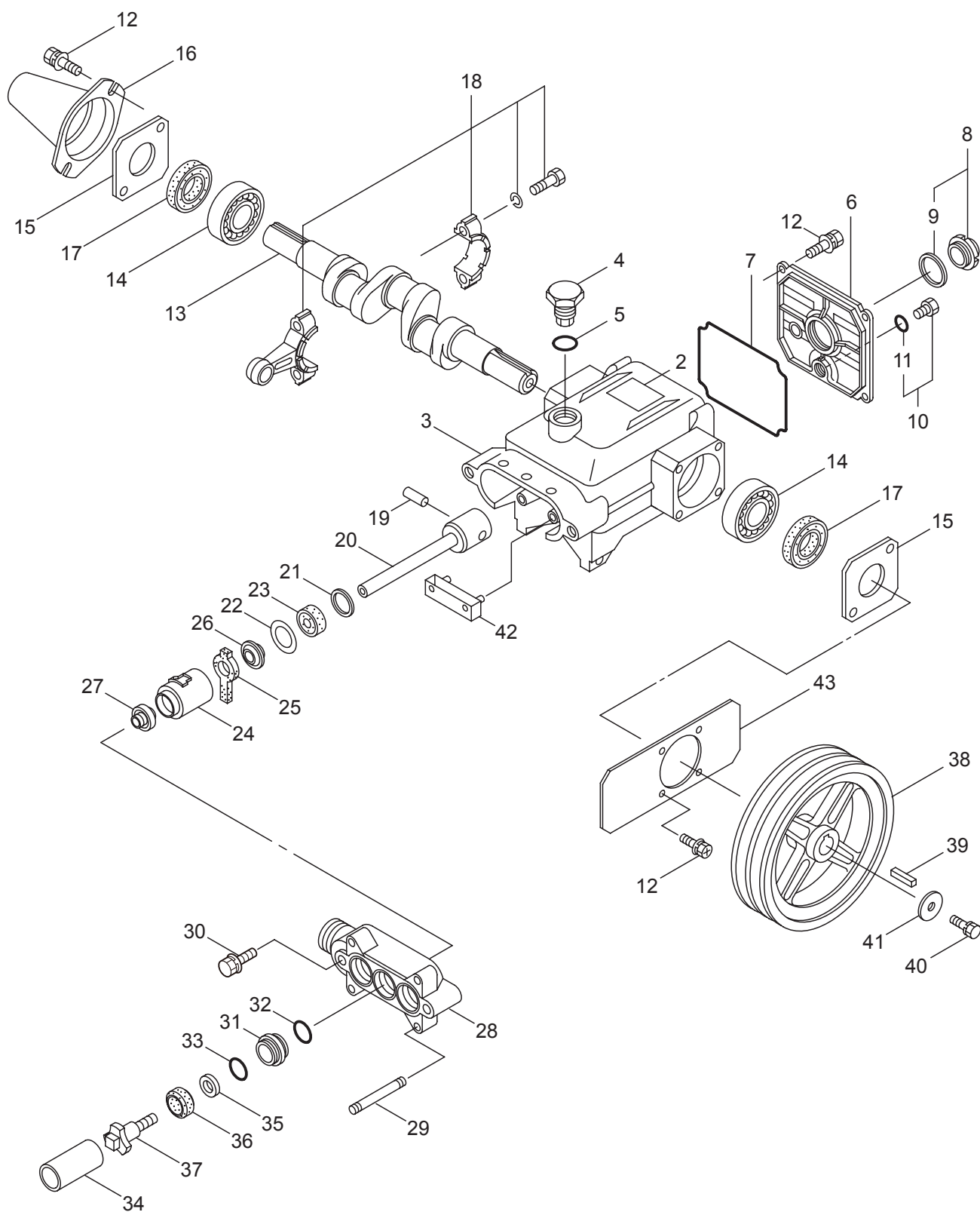
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1. MS331EAB  
FRAME



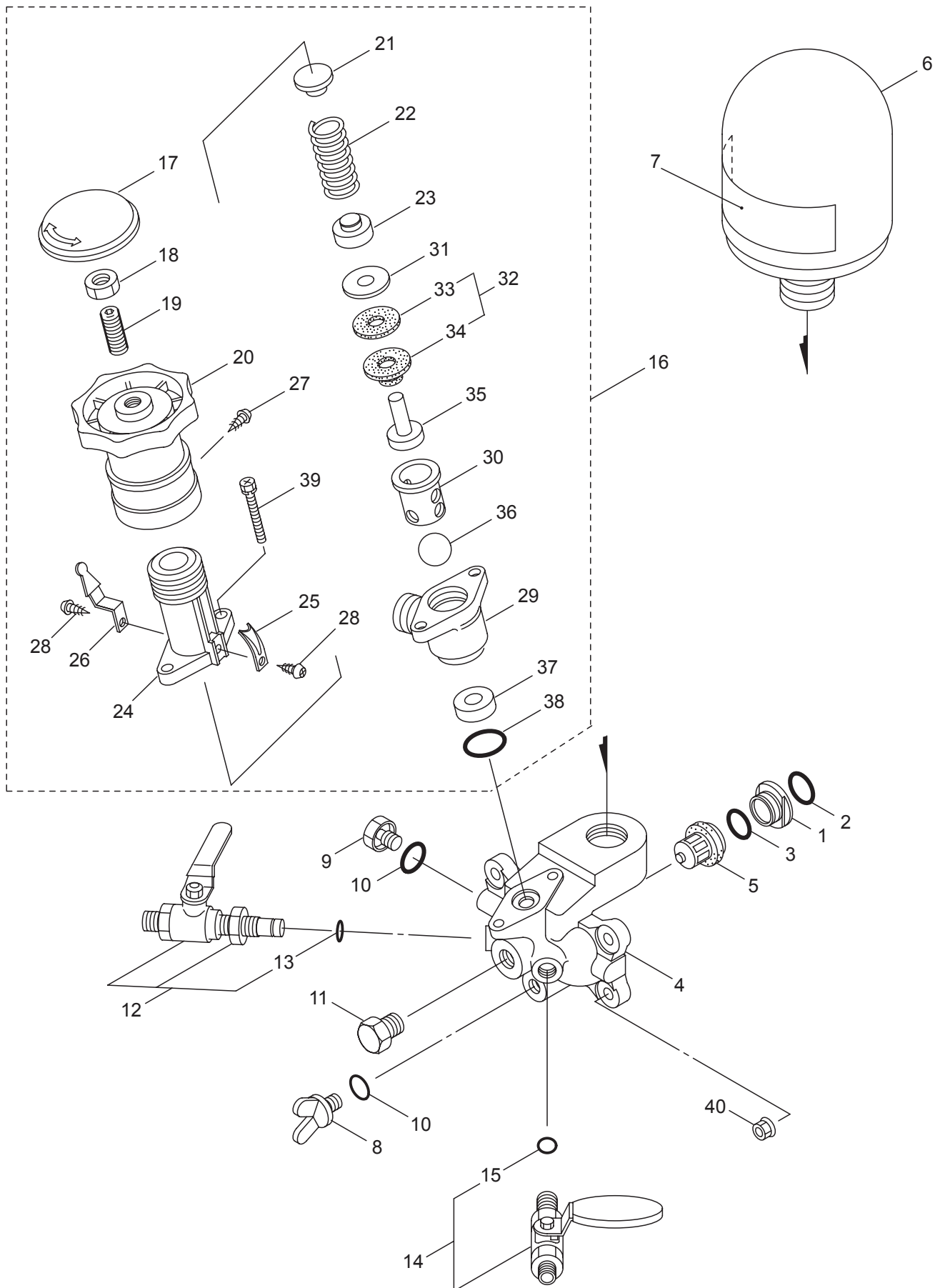
Ref. No.	Part No.	Part Name	Q'ty	Remarks
1-1	358401	MS331EAB	1	
1-2	830235	Base	1	
1-3	543921	Buffer	4	
1-4	092581	Bolt	4	M8x50
1-5	019059	Washer	4	8.5x25xt2.6
1-6	126201	Nut	4	M8
1-7	545640	Rail	1	
1-8	126763	Bolt	3	M8x20(SM)
1-9	549754	Bolt	1	M8x60
1-10	126521	Nut	1	M8
1-11	545639	Stay	1	
1-12	092501	Bolt	2	M6x16
1-13	126756	Nut	2	M6
1-14	818564	MS331	1	
1-15	126200	Bolt	2	M8x115x30
1-16	126232	Spring Washer	2	M8
1-17	127216	Washer	2	M8
1-18	126201	Nut	2	M8
1-19	540037	Engine	1	EY15-2B
1-20	169184	Washer	1	8.5x28xt2.3
1-21	540378	V-Pulley	1	68-Ax2
1-22	832743	V-Belt	2	A25
1-23	549533	Bolt	4	M8x40
1-24	126201	Nut	4	M8
1-25	111218	Belt Cover	1	
1-26	092501	Bolt	4	M6x16
1-27	126756	Nut	2	M6

## 2. MS331EAB CRANKCASE, INLET VALVE



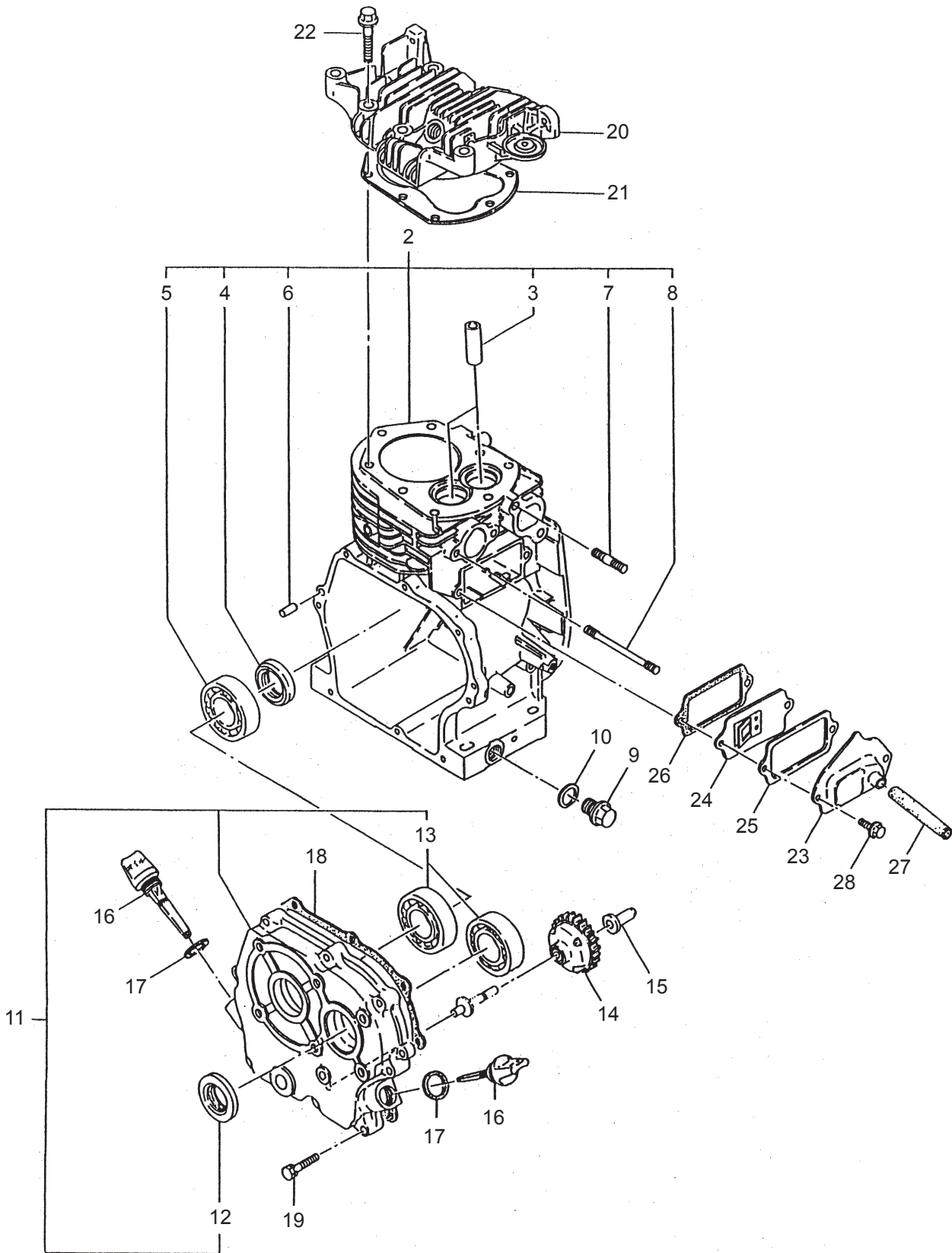
Ref. No.	Part No.	Part Name	Q'ty	Remarks
2-1	818564	MS331	1	
2-2	130916	Label	1	MS331
2-3	120655	Crankcase	1	
2-4	046798	Oil Filler Cap	1	
2-5	014179	O-Ring	1	P20
2-6	118646	Rear Cover, Crankcase	1	
2-7	014041	O-Ring	1	S100
2-8	092241	Oil Gauge Ass'y	1	Incl.9
2-9	044428	Packing	1	25x34xt2.5
2-10	091376	Drain Plug	1	Incl.11, G1/4
2-11	023170	O-Ring	1	P12.5
2-12	125824	Bolt	8	M6x16
2-13	103921	Crankshaft	1	
2-14	014487	Bearing	2	#6304
2-15	117424	Plate	2	
2-16	025130	Shaft Protector	1	
2-17	117423	Oil Seal	2	TC20528
2-18	048734	Connecting Rod Ass'y	3	
2-19	016948	Piston Pin	3	9x22L
2-20	131358	Piston Rod	3	
2-21	126259	Washer	3	17x24xT1.2
2-22	126189	Washer	3	20x28xT1.2
2-23	025461	Oil Seal	3	S10.5247
2-24	027710	Seal Retainer	3	
2-25	130515	Felt Packing	3	
2-26	026853	Packing	3	
2-27	100015	Seal	3	
2-28	105507	Inlet Manifold	1	
2-29	089529	Stud	4	M8x90x11x18
2-30	128352	Bolt	2	M8X45
2-31	022931	Adapter	3	
2-32	023172	O-Ring	3	P22
2-33	015862	O-Ring	3	P21
2-34	022929	Cylinder Pipe	3	25x28.5x55L
2-35	124277	Inlet Valve Seat	3	6.1x20xt2.8
2-36	091006	Piston Packing Ass'y	3	
2-37	118628	Piston Retainer	3	
2-38	100837	V-Pulley	1	152-Ax2
2-39	014543	Key	1	5x5x25L
2-40	126258	Bolt	1	M8x20
2-41	126198	Washer	1	8.5x30xT3.2
2-42	027712	Oil Pan	1	
2-43	542121	Stay	1	

3. MS331EAB  
PRESSURE REGULATOR VALVE



Ref. No.	Part No.	Part Name	Q'ty	Remarks
3-1	105509	Adapter	3	
3-2	015862	O-Ring	3	P21
3-3	023172	O-Ring	3	P22
3-4	108676	Discharge Manifold	1	
3-5	120276	Discharge Valve Ass'y	3	
3-6	107752	Air Chamber	1	
3-7	108465	Label	1	
3-8	108366	Drain Plug	1	G1/4
3-9	108367	Plug	1	G1/4
3-10	023170	O-Ring	2	P12.5
3-11	108368	Plug	1	R1/2
3-12	108361	Cock Ass'y	1	Incl.13, G1/4
3-13	022056	O-Ring	1	P7
3-14	108394	Cock Ass'y	1	Incl.15
3-15	011373	O-Ring	1	P10
3-16	131990	Pressure Regulator Valve Ass'y	1	Incl.17-39
3-17	130910	Cap	1	
3-18	126195	Nut	1	M10
3-19	088975	Screw	1	M10x48
3-20	130911	Grip	1	
3-21	126196	Retainer	1	17x2.3
3-22	105520	Spring	1	
3-23	105521	Retainer	1	
3-24	117448	Case	1	
3-25	117440	Plate	1	
3-26	105524	Indicator	1	
3-27	089899	Tapping Screw	2	M4x13
3-28	127284	Tapping Screw	2	M4x6
3-29	118237	Body	1	
3-30	012256	Retainer	1	
3-31	012255	Washer	1	6.2x22xt0.6
3-32	595606	Bellows Packing Set	1	Incl.29,30
3-33	016972	Bellows Packing	1	5x22xt1.5
3-34	011451	Bellows	1	
3-35	016975	Valve Rod	1	
3-36	107238	Valve Ball	1	12.7(1/2)
3-37	120659	Valve Seat	1	
3-38	029313	O-Ring	1	19.8x2.6
3-39	126197	Bolt	2	M6x55
3-40	126201	Nut	4	M8

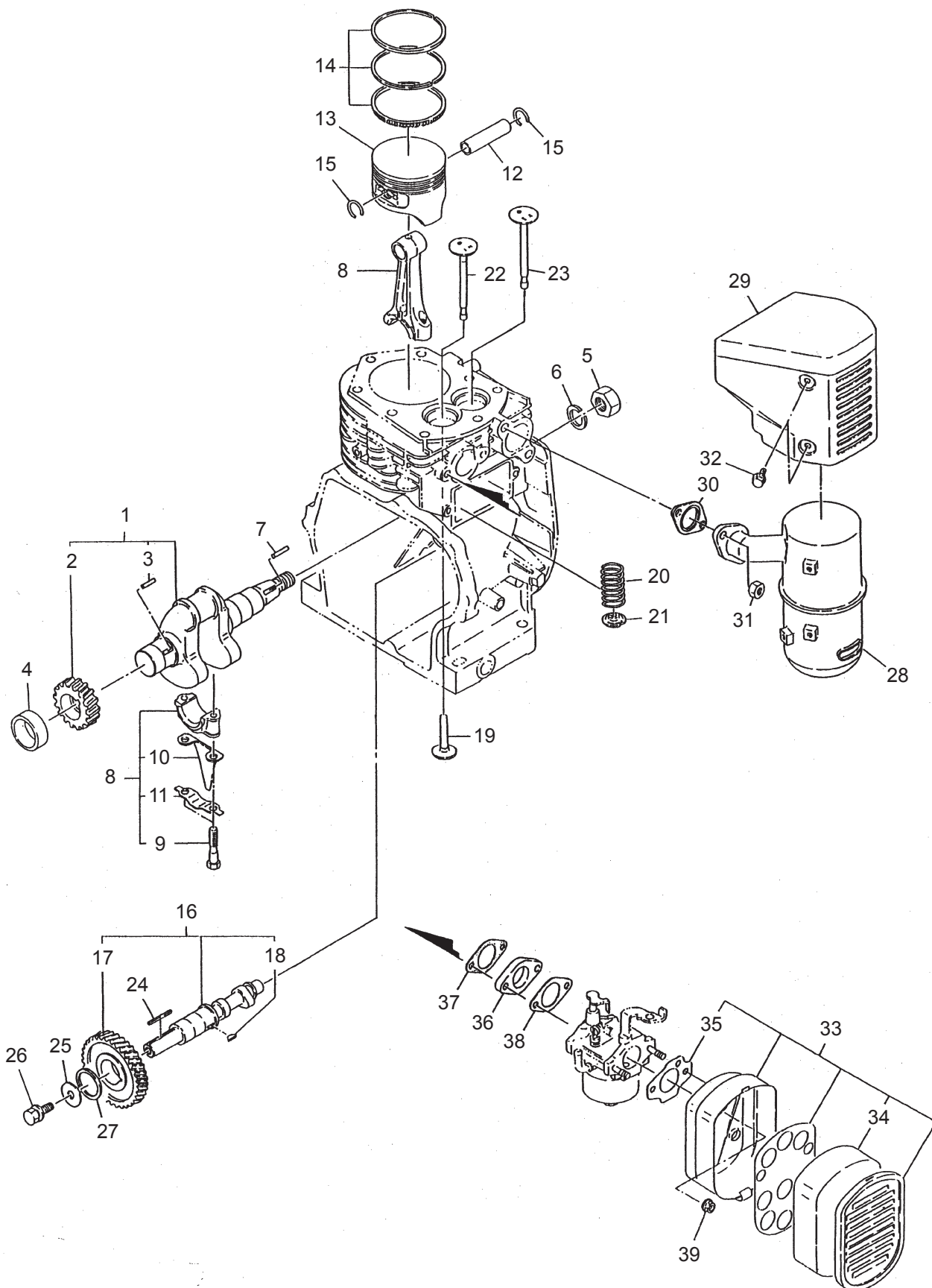
#### 4. MS331EAB ENGINE CRANKCASE, CYLINDER HEAD





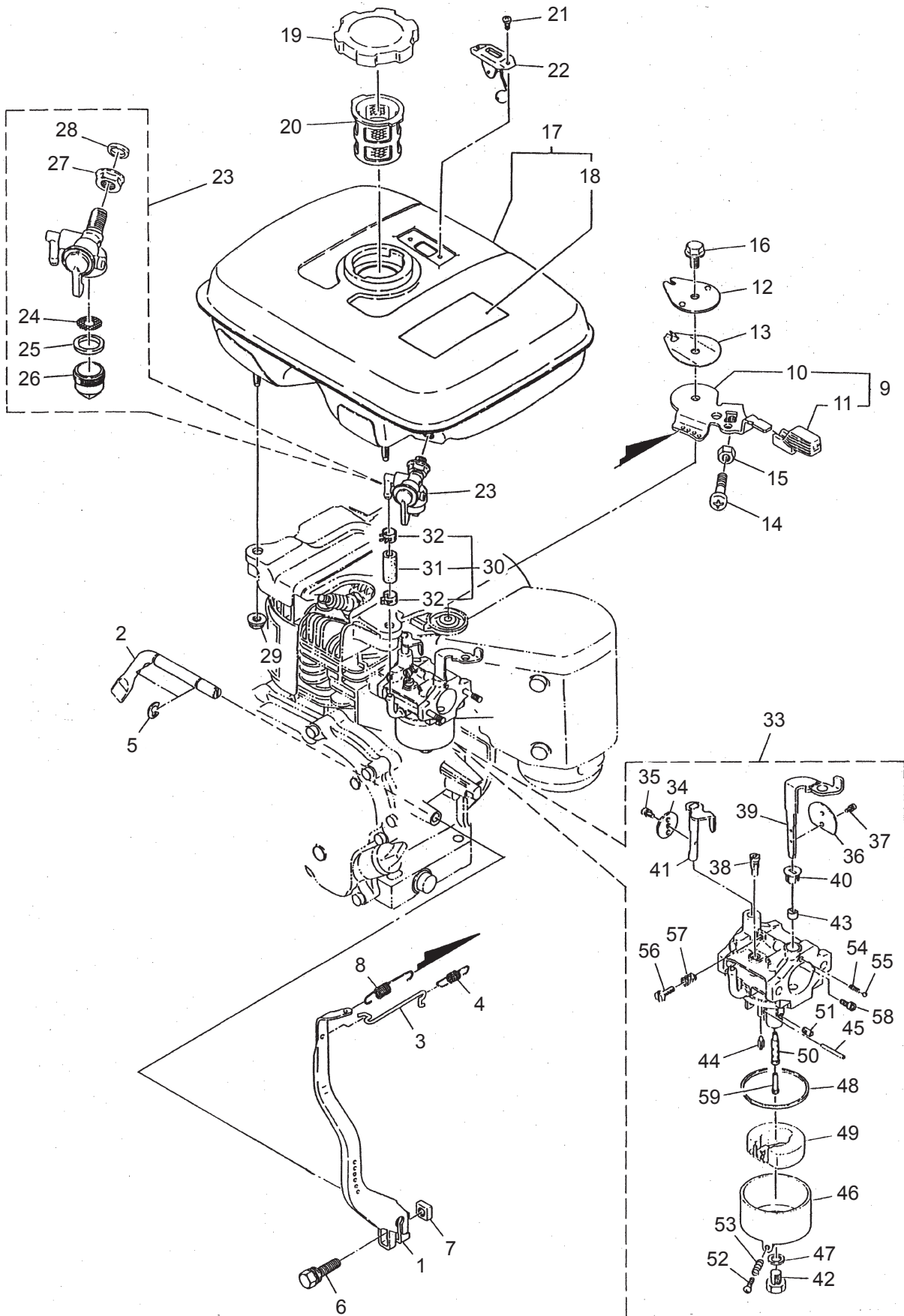
Ref. No.	Part No.	Part Name	Q'ty	Remarks
4-1	540037	Engine	1	EY15-2B
4-2	583958	Crankcase CP	1	Incl.3-8
4-3	582497	Valve Guide	2	
4-4	583833	Oil Seal	1	TB25387
4-5	582500	Ball Bearing	1	BB6205C3
4-6	997991	Dowel Pin	2	
4-7	582498	Stud	2	
4-8	583834	Stud	2	
4-9	998006	Plug	2	
4-10	998005	Gasket	2	
4-11	423831	Main Bearing Cover CP	1	Incl.12,13
4-12	583833	Oil Seal	1	TB25387
4-13	582500	Ball Bearing	2	BB6205C3
4-14	582535	Governor Gear CP	1	
4-15	998019	Governor Sleeve	1	
4-16	997998	Oil Gauge	2	
4-17	639096	Gasket	2	
4-18	423832	Gasket (bearing cover)	1	
4-19	582506	Bolt AY	8	
4-20	583837	Cylinder Head	1	
4-21	639015	Gasket CP (head)	1	
4-22	998002	Flange Bolt	8	
4-23	582514	Tappet Cover CP	1	
4-24	583838	Breather Plate CP	1	
4-25	582516	Gasket (tappet cover)	1	
4-26	582518	Gasket (breather plate)	1	
4-27	998012	Rubber Pipe	1	8x11x64L
4-28	997940	Flange Bolt	2	
4-29	583839	Gasket Set	1	

5. MS331EAB ENGINE  
CRANSHAFT, PISTON, MUFFLER



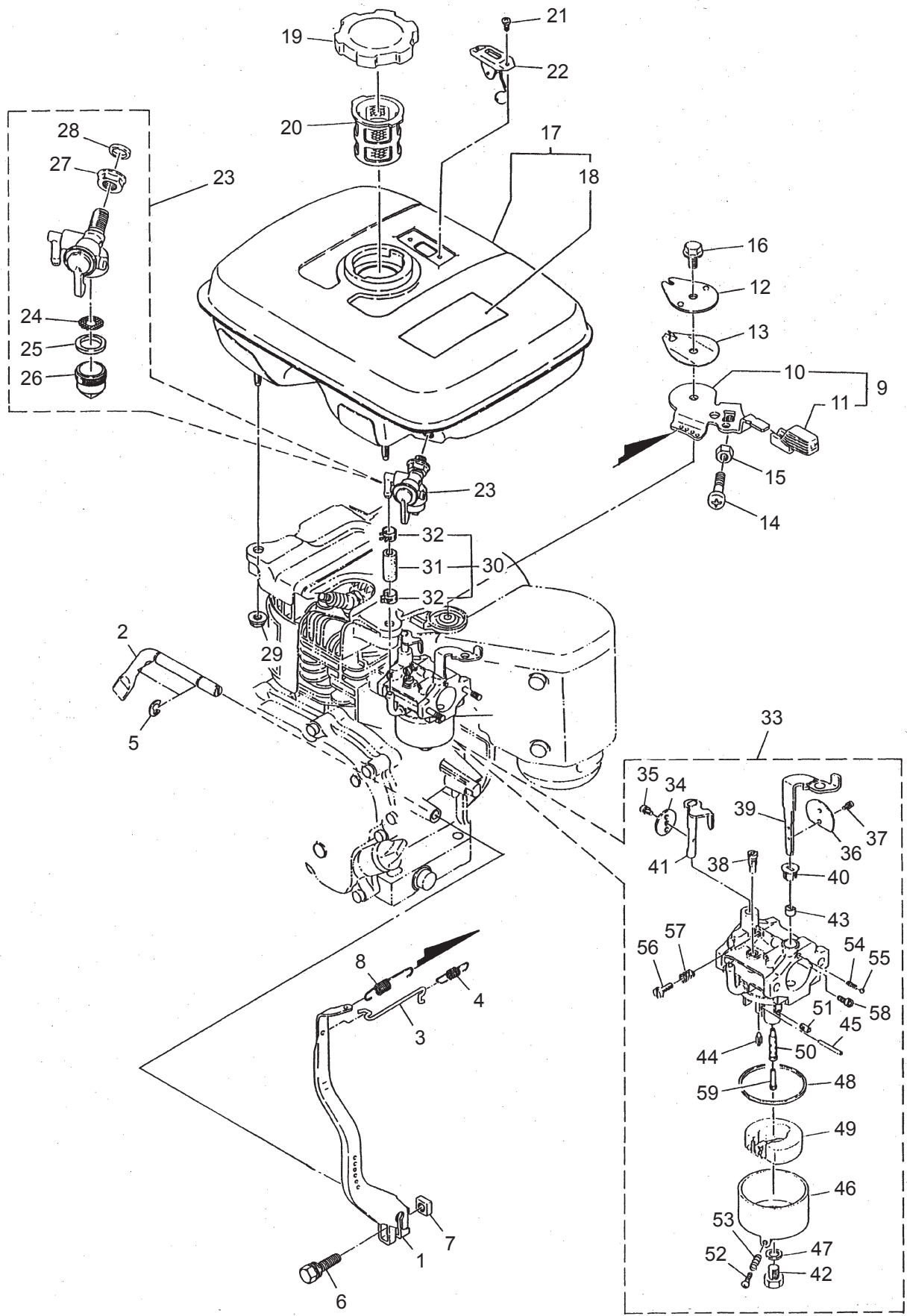
Ref. No.	Part No.	Part Name	Q'ty	Remarks
5-1	583840	Crankshaft CP	1	Incl.2,3
5-2	583841	Crankshaft Gear	1	
5-3	998021	Woodruff Key	1	
5-4	582528	Spacer	1	0.6t
5-4	582529	Spacer	1	0.8t
5-4	582530	Spacer	1	1.0t
5-5	582532	Nut	1	
5-6	582533	Spring Washer	1	
5-7	998021	Woodruff Key	1	
5-8	639020	Connecting Rod Ass'y	1	Incl.9,10
5-9	639021	Connecting Rod Bolt	2	
5-10	582542	Oil Scraper	1	
5-11				
5-12	583843	Piston Pin	1	
5-13	639022	Piston	1	
5-14	583845	Piston Ring Set	1	
5-15	582540	Clip	2	
5-16	423833	Camshaft CP	1	Incl.17,18
5-17	583847	Camshaft Gear	1	
5-18	998021	Woodruff Key	1	
5-19	583848	Tappet	2	
5-20	998046	Valve Spring	2	
5-21	582548	Spring Retainer	2	
5-22	639025	Intake Valve	1	
5-23	639026	Exhaust Valve	1	
5-24	583850	Key	1	
5-25	583851	Washer	1	
5-26	998043	Bolt AY	1	
5-27	582528	Spacer	1	0.6t
5-27	582529	Spacer	1	0.8t
5-27	582530	Spacer	1	1.0t
5-28	582570	Muffler CP	1	
5-29	583852	Muffler Cover CP	1	
5-30	639029	Gasket CP (exhaust)	1	
5-31	628023	Nut	2	
5-32	997943	Flange Bolt	3	
5-33	583853	Air Cleaner AY	1	Incl.34,35
5-34	583854	Cleaner Element	1	
5-35	583855	Gasket (air cleaner)	1	
5-36	583856	Insulator	1	
5-37	639034	Gasket (insulator)	1	
5-38	583857	Gasket2 (insulator)	1	
5-39	582587	Flange Nut	2	

6. MS331EAB ENGINE  
 FUEL TANK, CARBURETOR



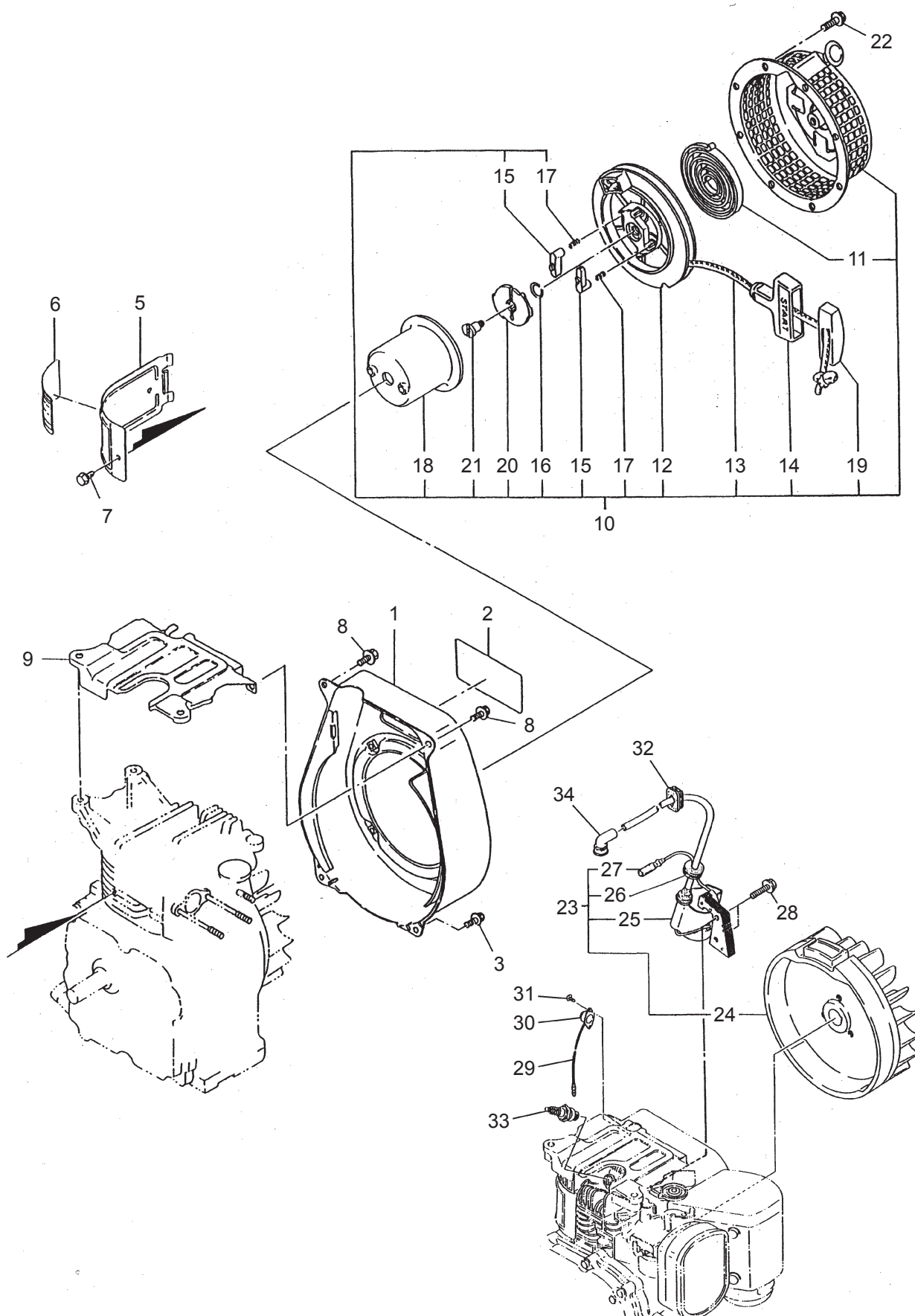
Ref. No.	Part No.	Part Name	Q'ty	Remarks
6-1	423834	Governor Lever CP	1	
6-2	582553	Governor Shaft	1	
6-3	582555	Governor Rod CP	1	
6-4	641945	Rod Spring	1	
6-5	997966	Clip	2	
6-6	997967	Bolt AY	1	
6-7	997968	Nut	1	
6-8	583860	Governor Spring	1	
6-9	582558	Speed Control AY	1	Incl.11
6-10				
6-11	582560	Knob	1	
6-12	639038	Stop Plate CP	1	
6-13	582561	Spring Washer	1	
6-14	582564	Screw	1	
6-15	999696	Nut	1	
6-16	582563	Flange Bolt	1	
6-17	423835	Fuel Tank CP	1	
6-18				
6-19	997952	Fuel Tank Cap CP	1	
6-20	997951	Fuel Filter	1	
6-21	583863	Screw	2	
6-22	583864	Fuel Gauge CP	1	
6-23	997955	Fuel Strainer AY	1	Incl.24-28
6-24	997956	Filter	1	
6-25	997957	Packing	1	
6-26	997958	Cup (strainer)	1	
6-27	997959	Nut	1	
6-28	997960	Packing	1	
6-29	582587	Flange Nut	2	
6-30	423836	Fuel Pipe CP	1	Incl.31,32
6-31	997961	Rubber Pipe	1	
6-32	997962	Hose Clamp	2	
6-33	423837	Carburetor Ass'y	1	Incl.34-57
6-34	583866	Throttle Valve	1	
6-35	998058	Screw	1	
6-36	583867	Choke Valve	1	
6-37	583868	Screw	2	
6-38	583869	Pilot Jet	1	
6-39	583870	Lever	1	
6-40	583871	Ring	1	
6-41	583872	Shaft AY (throttle)	1	
6-42	423838	Bolt	1	
6-43	998050	Ring	1	
6-44	583874	Needle Valve AY	1	
6-45	998074	Pin	1	

# 6. MS331EAB ENGINE FUEL TANK, CARBURETOR



Ref. No.	Part No.	Part Name	Q'ty	Remarks
6-46	583875	Float Chamber Body	1	
6-47	583876	Packing	1	
6-48	583877	Chamber Packing	1	
6-49	583878	Float AY	1	
6-50				
6-51	583880	Main Jet	1	
6-52	583881	Screw	1	
6-53	582683	Spring	1	
6-54	583882	Choke Spring	1	
6-55	583959	Steel Ball	1	
6-56	582684	Screw	1	
6-57	582683	Spring	1	
6-58				
6-59				

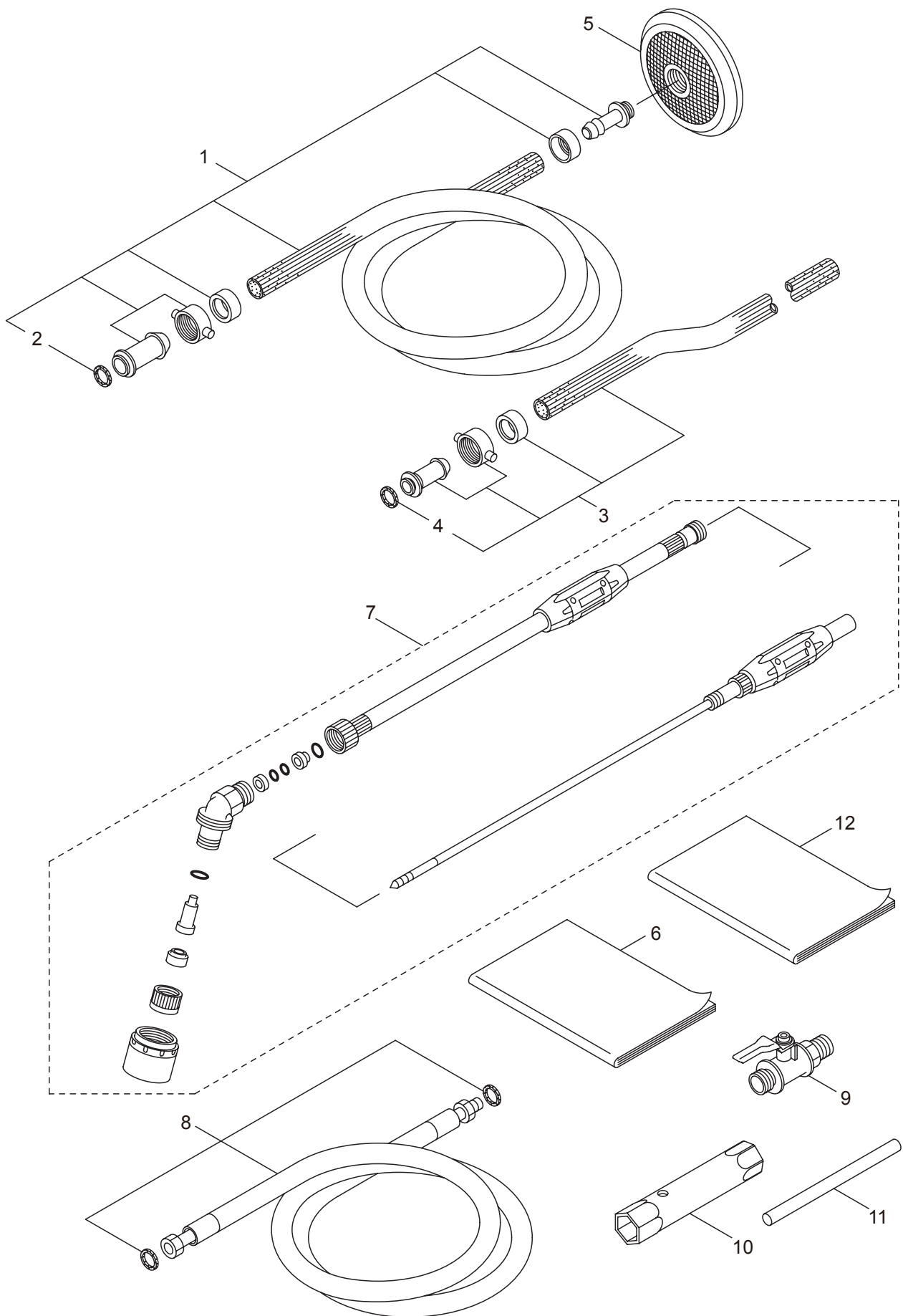
7. MS331EAB ENGINE  
 RECOIL STARTER, MAGNETO





Ref. No.	Part No.	Part Name	Q'ty	Remarks
7-1	423839	Blower Housing CP	1	
7-2	582566	Label (trade mark)	1	
7-3	997940	Flange Bolt	2	
7-4				
7-5	583885	Cylinder Baffle	1	
7-6	583886	Label (engine name)	1	
7-7	997943	Flange Bolt	1	
7-8	582563	Flange Bolt	2	
7-9	582567	Head Cover	1	
7-10	599759	Recoil Starter Ass'y	1	Incl.11-21
7-11	423840	Spiral Spring	1	
7-12	599761	Reel	1	
7-13	583890	Starter Rope	1	
7-14	582632	Starter Knob	1	
7-15	599762	Ratchet	2	
7-16	583892	Friction Spring	1	
7-17	583893	Return Spring	2	
7-18	599764	Starter Pulley	1	
7-19	582633	Knob Cap	1	
7-20	599763	Ratchet Guide	1	
7-21	583896	Set Screw	1	
7-22	997943	Flange Bolt	4	
7-23				
7-24	423841	Flywheel	1	
7-25	646134	Ignition Coil	1	
7-26				
7-27				
7-28	583962	Flange Bolt	2	
7-29	582574	Wire 1 CP	1	
7-30	640046	Stop Button	1	
7-31	640047	Tapping Screw	2	
7-32	583963	Grommet	1	
7-33	583901	Spark Plug	1	NGK B-6HS
7-34	621972	Spark Plug Cap	1	

8. MS331EAB  
ACCESSORIES



Ref. No.	Part No.	Part Name	Q'ty	Remarks
8-1	105936	Suction Hose Ass'y	1	Incl.2 19x13x3000L
8-2	103686	Packing	1	18.5x24xt2
8-3	104344	Spill Hose Ass'y	1	Incl.4 13x19x3000L
8-4	103685	Packing	1	12x18.5xt1.5
8-5	122017	Suction Strainer Ass'y	1	
8-6	131991	Instruction Manual	1	MS331
8-7	586122	Super Zoom P700	1	
8-8	597219	Hose	1	
8-9	972275	Cock Ass'y	1	
8-10	169185	Box Spanner	1	14x21
8-11	169186	Handle	1	8x150
8-12	169187	Instruction Manual	1	Engine