

OPERATION AND PARTS MANUAL



Reversible Plate Compactor *Mikasa* Model MVH-402GHB

Revision #0 (12/17/03)

TABLE OF CONTENTS

MIKASA MVH-402GHB PLATE COMPACTOR

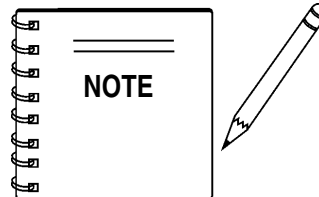
Proposition 65 Warning	2
Here's How To Get Help	3
Table Of Contents	4
Parts Ordering Procedures	5
Specifications	6
Dimensions	7
Safety Message Alert Symbols	8-9
Rules for Safe Operation	10-11
Operation and Safety Decals	12
Features	13
Plate Compactor Components	14
Engine Components	15
Pre-Inspection	16
Operation	17-19
Maintenance	20-23
Troubleshooting	24-26
Explanation Of Code In Remarks Column	28
Suggested Spare Parts	29

HONDA GX390K1SMX2 ENGINE

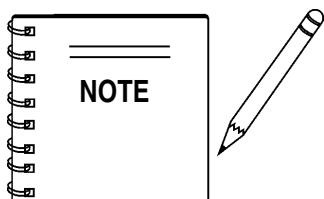
Air Cleaner Assembly	48-49
Camshaft Assembly	50-51
Carburetor Assembly	52-53
Control Assembly	54-55
Crankcase Cover Assembly	56-57
Crankshaft Assembly	58-59
Cylinder Barrel Assembly	60-61
Cylinder Head Assembly	62-63
Fan Cover Assembly	64-65
Flywheel Assembly	66-67
Fuel Tank Assembly	68-69
Ignition Coil Assembly	70-71
Muffler Assembly	72-73
Piston Assembly	74-75
Recoil Starter	76-77
Labels	78-79
Terms and Conditions Of Sale — Parts	80

PARTS ILLUSTRATIONS

Decal Placement	30-31
Vibrating Plate Assembly	32-33
Base and Engine Assembly	34-35
Vibrator Assembly	36-39
Hydraulic System Assembly	40-41
Control Handle Assembly	42-45
Battery Assembly	46-47



*As a continuing effort to update our parts book, contact the **MULTIQUIP** literature department for the latest revision of your "Operation and Parts Manual"*



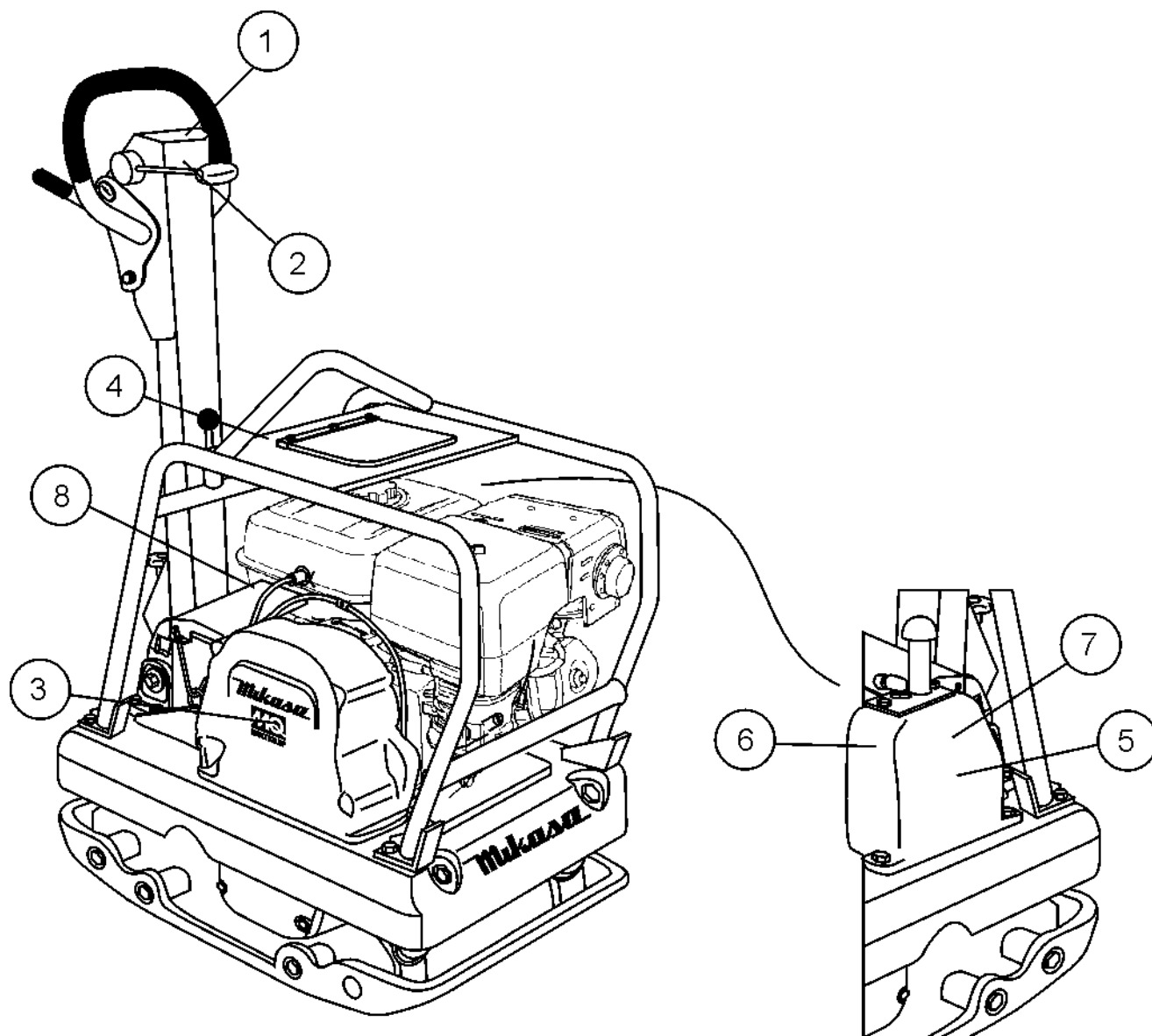
Specification and part number are subject to change without notice.

**MVH-402GHB with HONDA GX390K1SMX2
ENGINE*****1 to 3 Units***

Qty.	P/N	Description
3	070200393	V-BELT
1	956100028	THROTTLE WIRE
3	9807956841	SPARK PLUG
1	17620Z0T814	FUEL CAP
1	17672ZE2W01	FUEL FILTER, FUEL TANK
1	28462ZE3W01	ROPE, RECOIL STARTER
3	955000010	KEY, IGNITION

MVH-402GHB — DECAL PLACEMENT

DECAL PLACEMENT



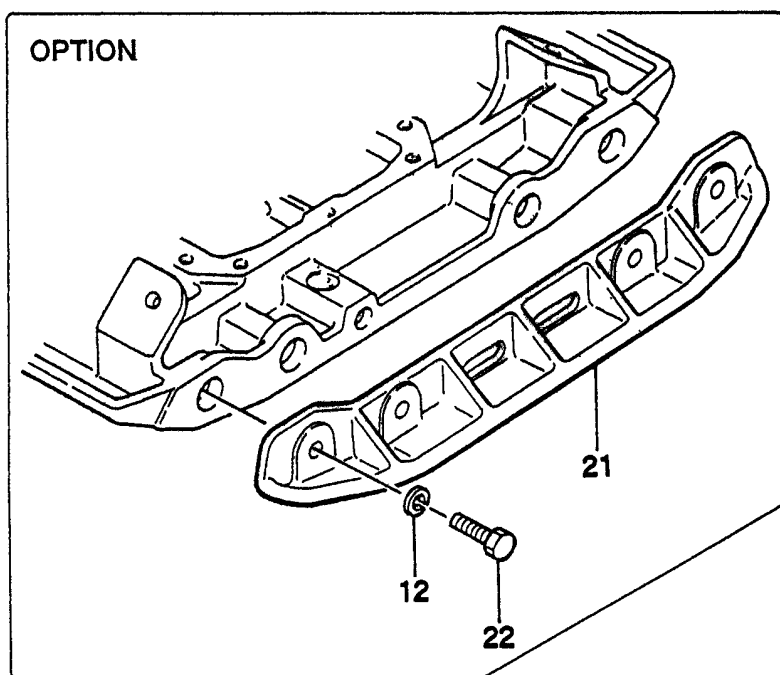
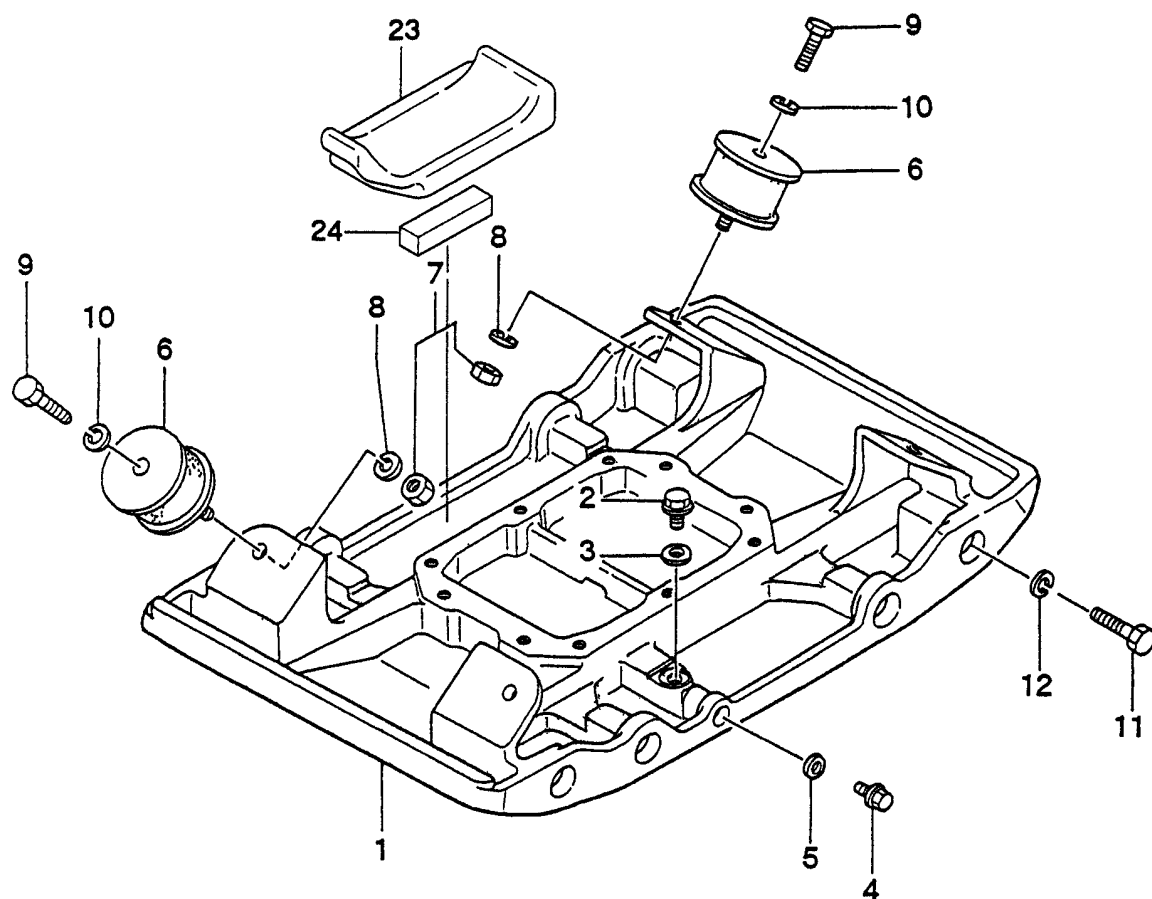
MVH-402GHB — DECAL PLACEMENT

DECAL PLACEMENT

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	NPA-458	DECAL, FULL THROTTLE	1	
2	NPA-222	DECAL, FORWARD/REVERSE	1	
3	TBD	DECAL, MULTQUIP LOGO	1	
4	NPA-538	DECAL, OPERATIONAL CAUTION	1	
5	NPA-748	DECAL, SHELL OIL #46	1	
6	NP-367	DECAL, OIL LEVEL INDICATOR	1	
7	NPA-326	DECAL, OIL TANK	1	
8	NPA-333	DECAL, HEARING PROTECTION	1	

MVH-402GHB — VIBRATING PLATE ASSY.

VIBRATING PLATE ASSY.



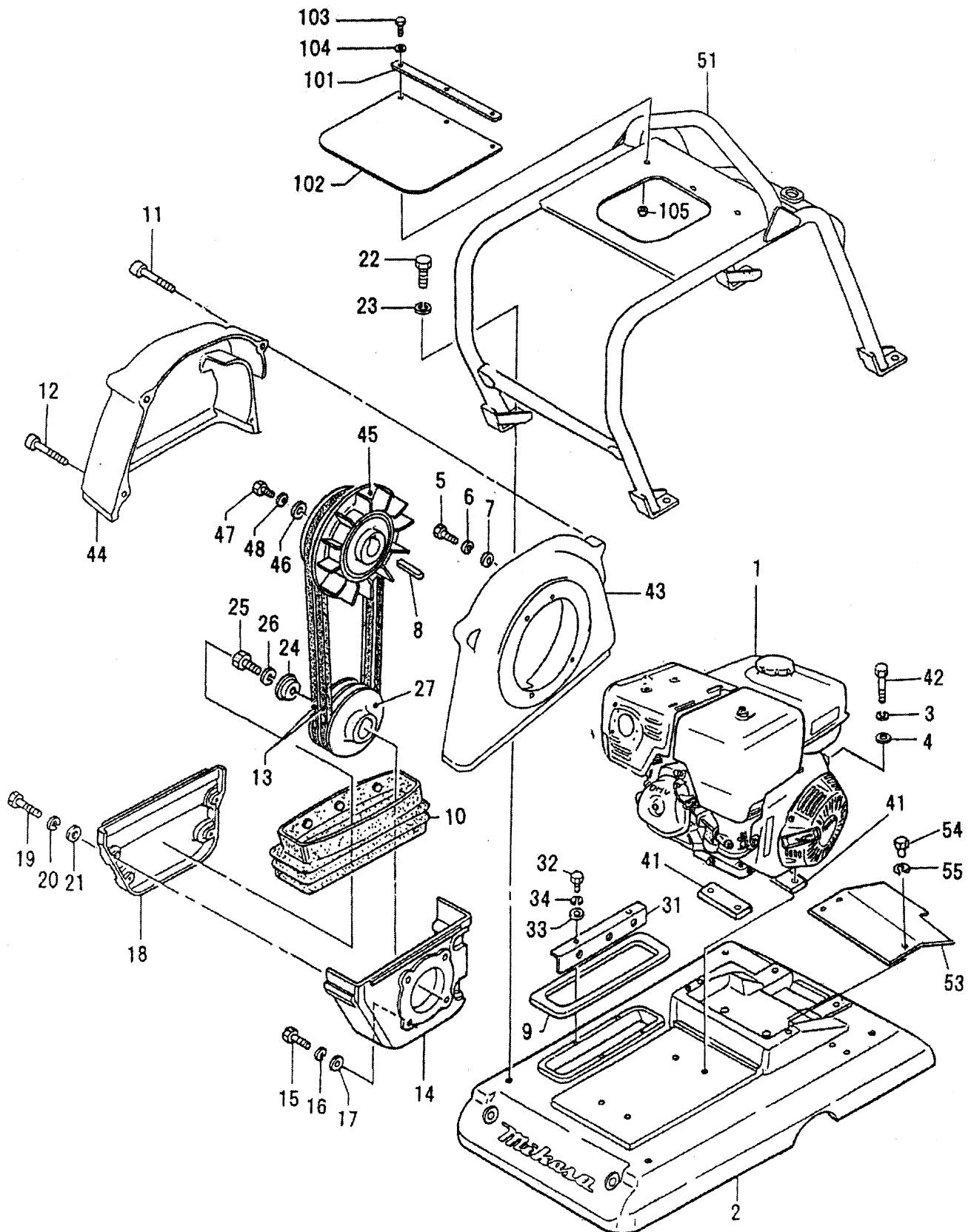
MVH-402GHB — VIBRATING PLATE ASSY.

VIBRATING PLATE ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	457112370	VIBRATING PLATE	1	
2	953405840	DRAIN PLUG M18 (H)	1	
3	953402930	COPPER PACKING 19X30X1	1	
4	953400270	PLUG 1/4X14 10L	1	
5	953405260	PACKING 1/4 (CU)	1	
6	939010070	SHOCK ABSORBER 100	4	
7	020316130	NUT M16	4	
8	030216400	WASHER, LOCK M16	4	
9	001221655	BOLT 16X75 T	4	
10	030216400	WASHER, LOCK M16	4	
11	001201830	BOLT 18X30	8	
12	030218460	WASHER, FLAT M18	8	
21	456210690	EXTENSION PLATE	2	 OPTION
22	001221850	BOLT 18X50 T	8	 OPTION
23	457215350	BELT COVER GUARD	1	 S/N G1185~
24	457454090	CUSHION, BELT COVER GUARD	1	 S/N G1185~

MVH-402GHB — BASE AND ENGINE ASSY.

BASE AND ENGINE ASSY.



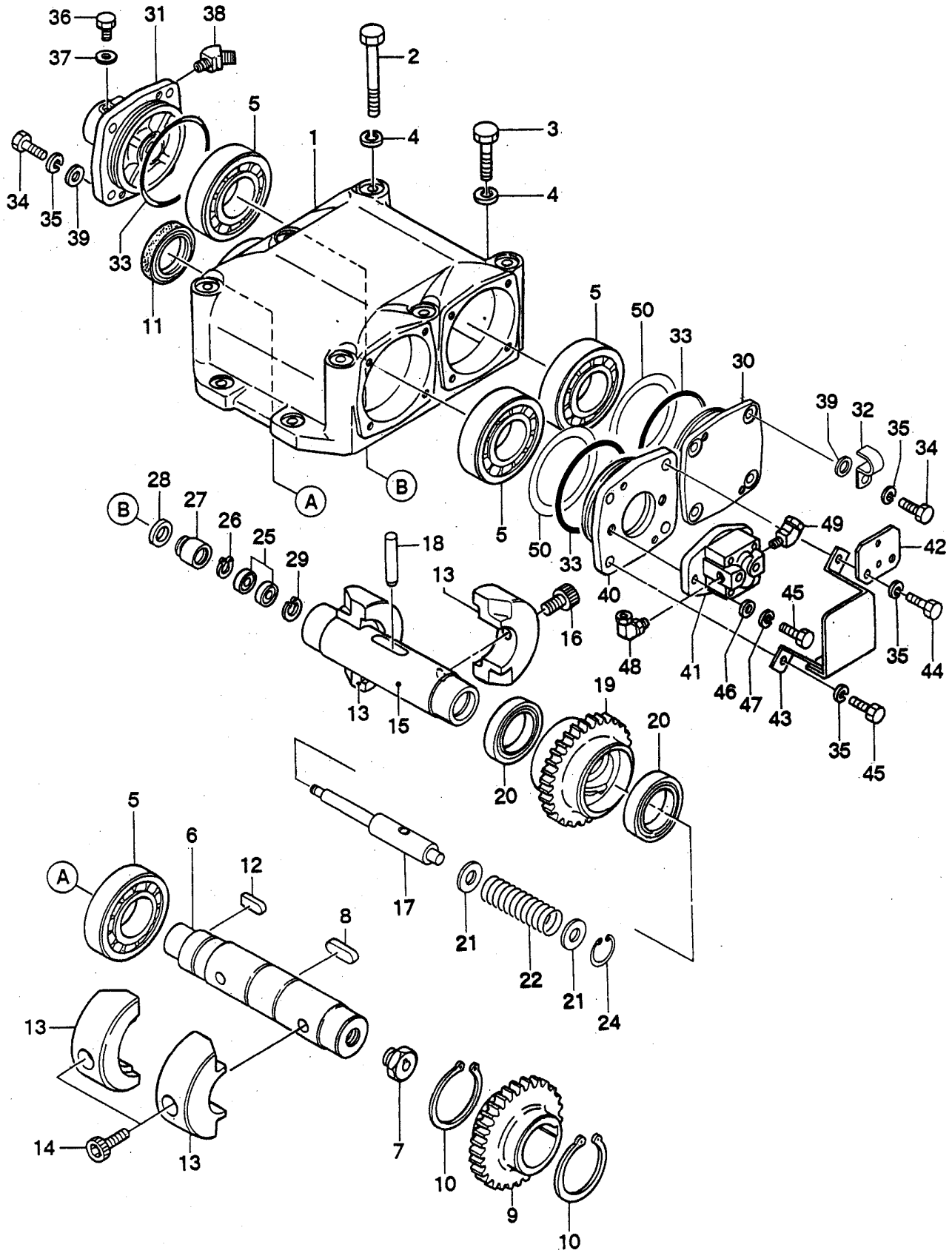
MVH-402GHB — BASE AND ENGINE ASSY.

BASE AND ENGINE ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	912239007	ENGINE, ASSY GX390K1SMX2	1	
2	457117640	BASE	1	
3	030210250	WASHER, LOCK M10	4	
4	031110160	WASHER, FLAT M10	4	
5	001221025	BOLT 10x25 T	4	
6	030210250	WASHER, LOCK M10	4	
7	031110160	WASHER, FLAT M10	4	
8	951400110	KEY 7x7x35	1	
9	457445880	DUST PACKING	1	
10	457112431	DUST COVER	1	
11	001521056	BOLT, SOCKET HEAD 10x80 T	2	
12	001521058	BOLT, SOCKET HEAD 10x90 T	2	
13	070200393	V-BELT, B-39 GREEN/HPDF539	2	
14	457112440	COVER, BELT (LOWER-IN)	1	
15	001221025	BOLT 10x25 T	4	
16	030210250	WASHER, LOCK M10	4	
17	031110160	WASHER, FLAT M10	4	
18	457212400	COVER, BELT (LOWER-OUT)	1	
19	001220835	BOLT 3x35 T	4	
20	030208200	WASHER, LOCK M8	4	
21	030208160	WASHER, FLAT M8	4	
22	001221430	BOLT 14x30 T	4	
23	030214350	WASHER, LOCK M14	4	
24	456437920	WASHER, PULLEY	1	
25	001221235	BOLT 12x35 T	1	
26	030212300	WASHER, LOCK M12	1	
27	457312300	PULLEY, B2-125/131-68	1	
31	457335980	HOLDER, DUST COVER	1	
32	001220615	BOLT 6x15 T	4	
33	031106100	WASHER, FLAT M6	4	
34	030206150	WASHER, LOCK M6	4	
41	457456670	BASE, ENGINE	2	
42	001221050	BOLT 10x50 T	4	
43	457117610	COVER, BELT	1	
44	457117620	BELT COVER(OUT)	1	
45	457343110	CLUTCH w/FAN	1	
46	952400690	WASHER, 9x35x4.5	1	
47	001220851	BOLT 8x55 T	1	
48	030208200	WASHER, LOCK M8	1	
51	457117630	GUARD FRAME	1	
53	001221020	BOLT 10x20 T	1	
54	001221020	BOLT 10x20 T	3	
55	030210250	WASHER, LOCK M10	3	
101	456449950	PLATE, COVER	1	
102	456449960	COVER, RUBBER	1	
103	001220825	BOLT 8x25 T	3	
104	031108160	WASHER, FLAT M8	3	
105	022710809	NUT, NYLON M8	3	

MVH-402GHB — VIBRATOR ASSY.

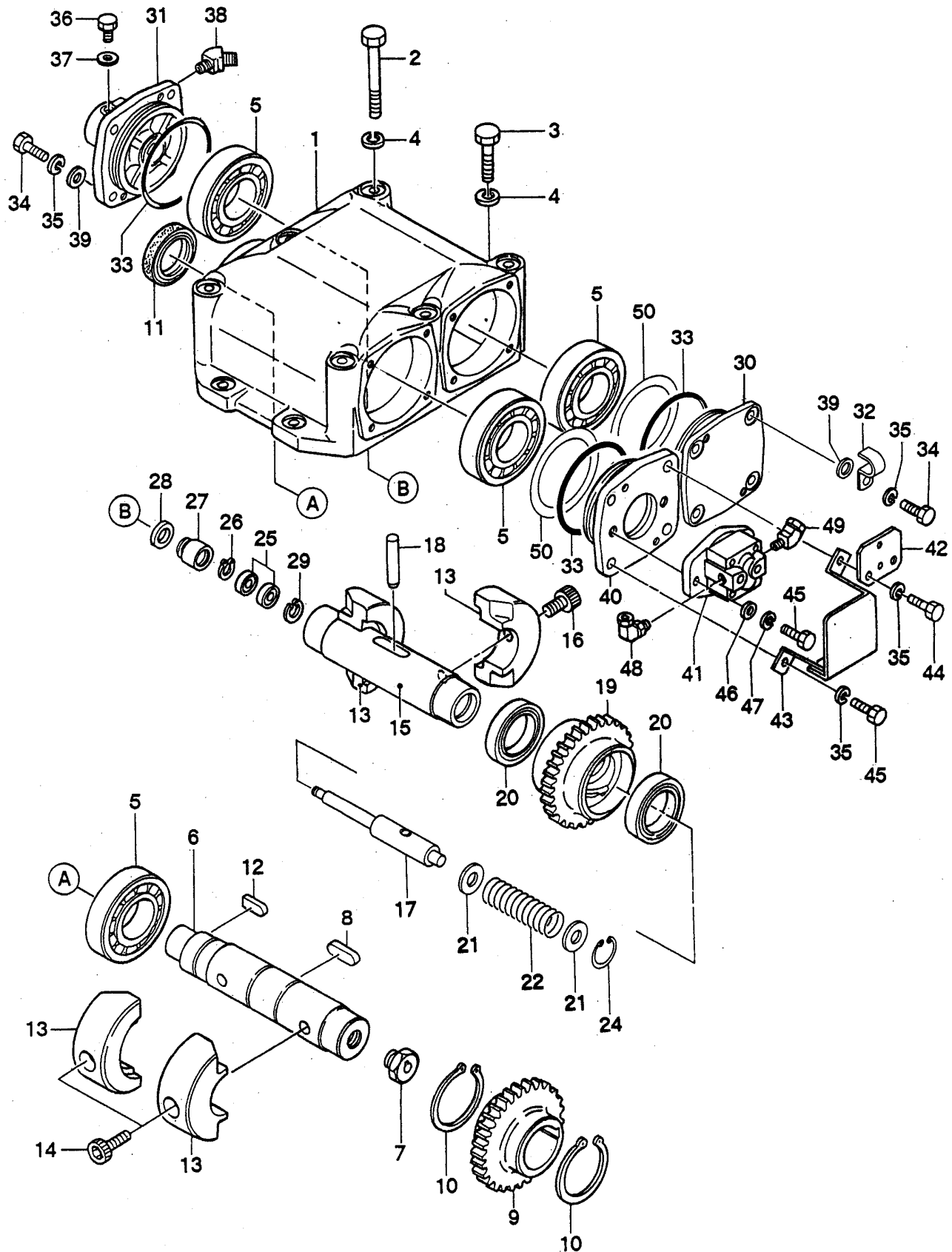
VIBRATOR ASSY.



VIBRATOR ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	457112460	VIBRATING CASE	1	
2	001221470	BOLT 14X150 T	6	
3	001221450	BOLT 14X50 T	4	
4	030214350	WASHER, LOCK M14	10	
5	047920060	ROLLER BEARING NJ310MC4	4	
6	457212410	ROTARY SHAFT, DRIVE	1	
7	457445830	ADAPTER, PUMP	1	
7	457445831	ADAPTER, PUMP (30L)	1	
8	951405370	KEY 15X10X39 RR	1	
9	456327150	GEAR, DRIVE	1	
10	080200550	STOP RING S-55	2	
11	060105030	OIL SEAL SB- 50729	1	
12	951404970	KEY 12X8X30 R	1	
13	457332420	ECCENTRIC ROTOR	4	
14	009120301	SOCKET HEAD BOLT 16X40T	2	
15	456337670	ROTARY SHAFT, DRIVEN	1	
16	009120302	SOCKET HEAD BOLT 16X30T	2	
17	456337380	PISTON ROD	1	
18	456010010	KNOCK PIN 10X70	1	
19	456327120	GEAR, DRIVEN	1	
20	040006911	BEARING 6911	2	
21	455435020	COLLAR 17X30X3	2	
22	456451280	SPRING 3.2-26.3-102L	1	
24	080100300	STOP RING R- 30	1	
25	042506000	BEARING 6000ZZSG	2	

VIBRATOR ASSY.



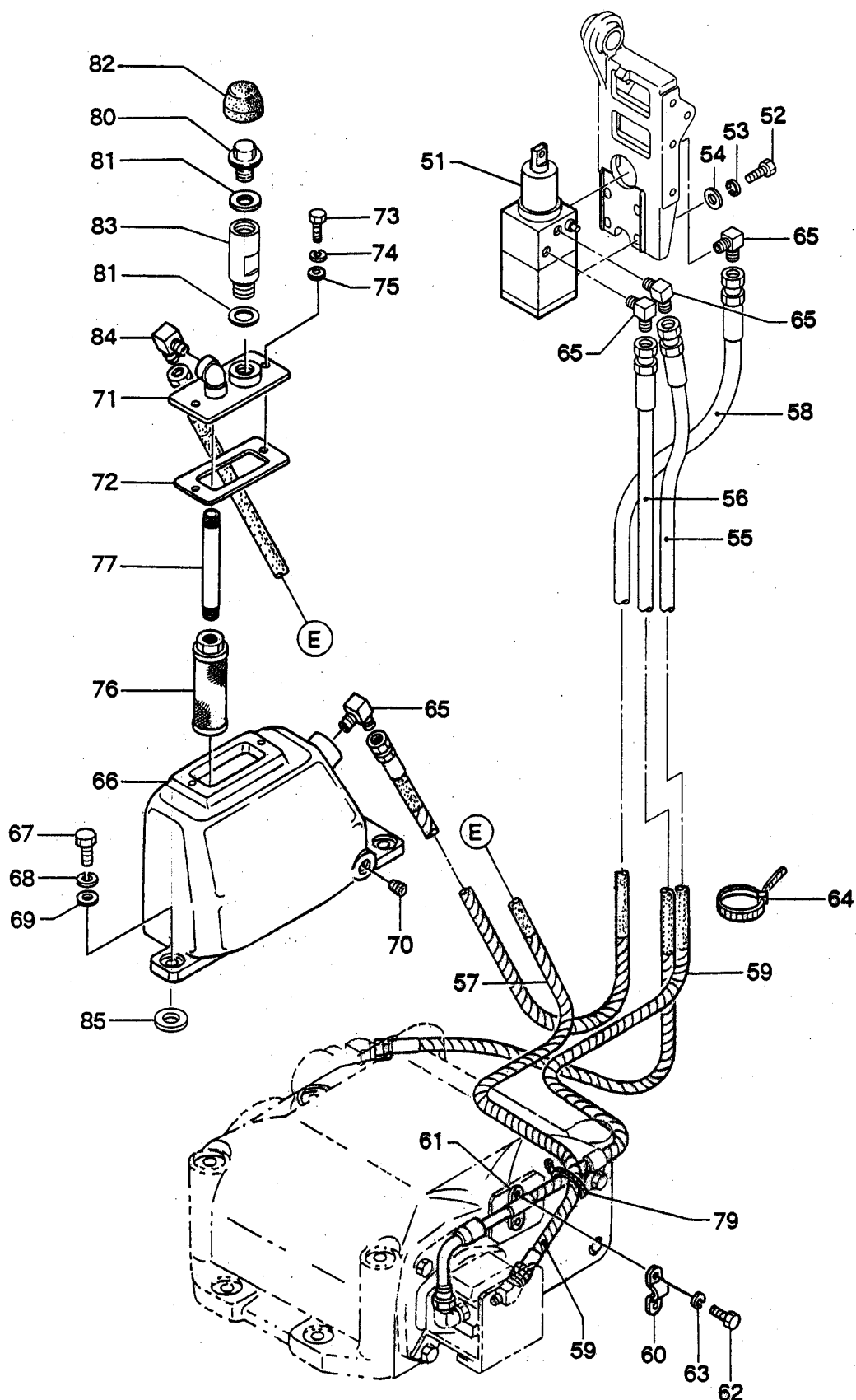
MVH-402GHB — VIBRATOR ASSY. (CONTINUED)

VIBRATOR ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
26	080200100	STOP RING S-10	1	
27	455435051	PISTON,22.4D	1	
28	455010070	PACKING USH- 22.4X30X5	1	
29	080100260	STOP RING R-26	1	
30	456327130	BEARING COVER	1	
31	456210646	CYLINDER (R)	1	
32	954405550	CLAMP 15R	1	
33	050101050	O-RING G-105	3	
34	001221025	BOLT 10X25 T	7	
35	030210250	WASHER, LOCK M10	12	
36	001220812	BOLT 8X12 T	1	
37	953404600	COPPER PACKING 8X16X2	1	
38	455010020	ELBOW 45 15-0404	1	
39	031110160	WASHER, FLAT M10	7	
40	457332430	FLANGE, PUMP	1	
41	457010010	PUMP FBL	1	
42	457445840	BRACKET, CLAMP	1	
43	457212420	PUMP COVER	1	
44	001221035	BOLT 10X35 T	2	
45	001221030	BOLT 10X30 T	5	
46	952405540	WASHER 10.5- 22- 3	2	
47	030210250	WASHER, LOCK M10	2	
48	954010140	ELBOW 90 UES90G02G02	1	
49	954001780	ELBOW 45 PF3/8- PF1/4	1	
50	952405470	SHIM 90X110X0.5	2	

MVH-402GHB — HYDRAULIC SYSTEM ASSY.

HYDRAULIC SYSTEM ASSY.



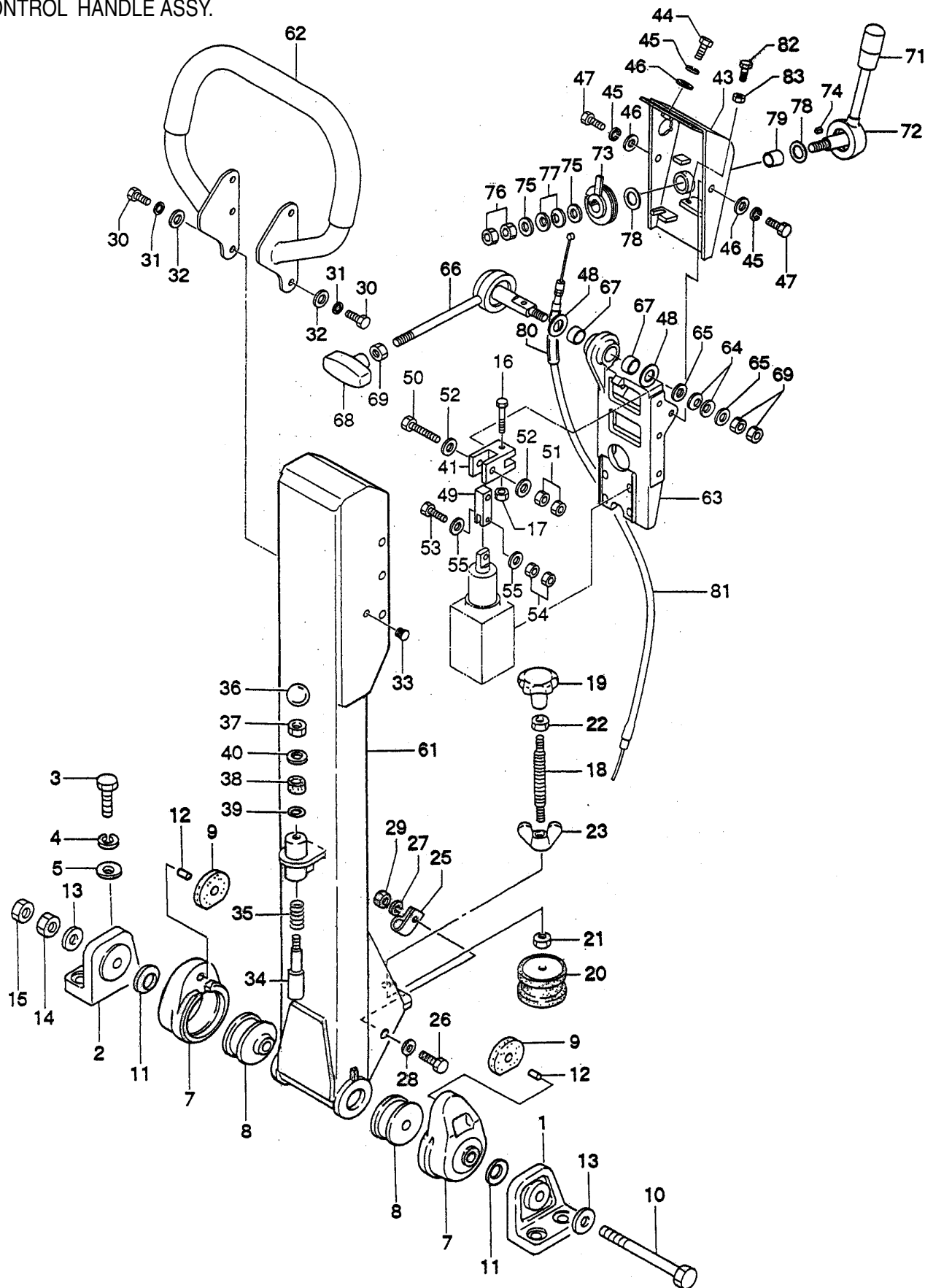
MVH-402GHB — HYDRAULIC SYSTEM ASSY.

HYDRAULIC SYSTEM ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
51	456337880	SELECTOR VALVE (DETENT)	1	
52	001220615	BOLT 6X15 T	4	
53	030206150	WASHER, LOCK M6	4	
54	031106100	WASHER, FLAT M6	4	
55	457446180	OIL HOSE 1370L	1	
56	457446190	OIL HOSE 1150L	1	
57	457451750	OIL HOSE IB105- L820	1	
58	457446210	OIL HOSE 1100L	1	
59	955404271	SPIRAL TUBE, SR15- 850L	2	
60	954403060	CLAMP HC- 40	1	
61	954403070	CLAMP SPACER HC- 40	1	
62	001220612	BOLT 6X12 T	2	
63	030206150	WASHER, LOCK M6	2	
64	506010070	CLAMP TC- 150	1	
65	954001160	ELBOW 90 PT1/4- PF1/4	4	
66	457112470	OIL TANK	1	
67	001221030	BOLT 10X30 T	3	
68	030210250	WASHER, LOCK M10	3	
69	031110160	WASHER, FLAT M10	3	
70	505015380	PLUG PT1/4	1	
71	457332440	COVER, OIL TANK	1	
72	457445870	PACKING, OIL TANK	1	
73	001220820	BOLT 8X20 T	2	
74	030208200	WASHER, LOCK M8	2	
75	031108160	WASHER, FLAT M8	2	
76	456449280	FILTER, OIL TANK	1	
77	457445861	JOINT 80L	1	
79	506010060	CLAMP TC- 350	2	
80	457448680	BREATHING PLUG	1	
81	953400020	PACKING 19302	2	
82	457448380	BREATHING CAP	1	
83	457451740	BREATHING JOINT	1	
84	551010630	ELBOW PT1/4- PF3/8 1034- 06	1	
85	953402941	COPPER PACKING 13.5X21X1	3	

MVH-402GHB — CONTROL HANDLE ASSY.

CONTROL HANDLE ASSY.



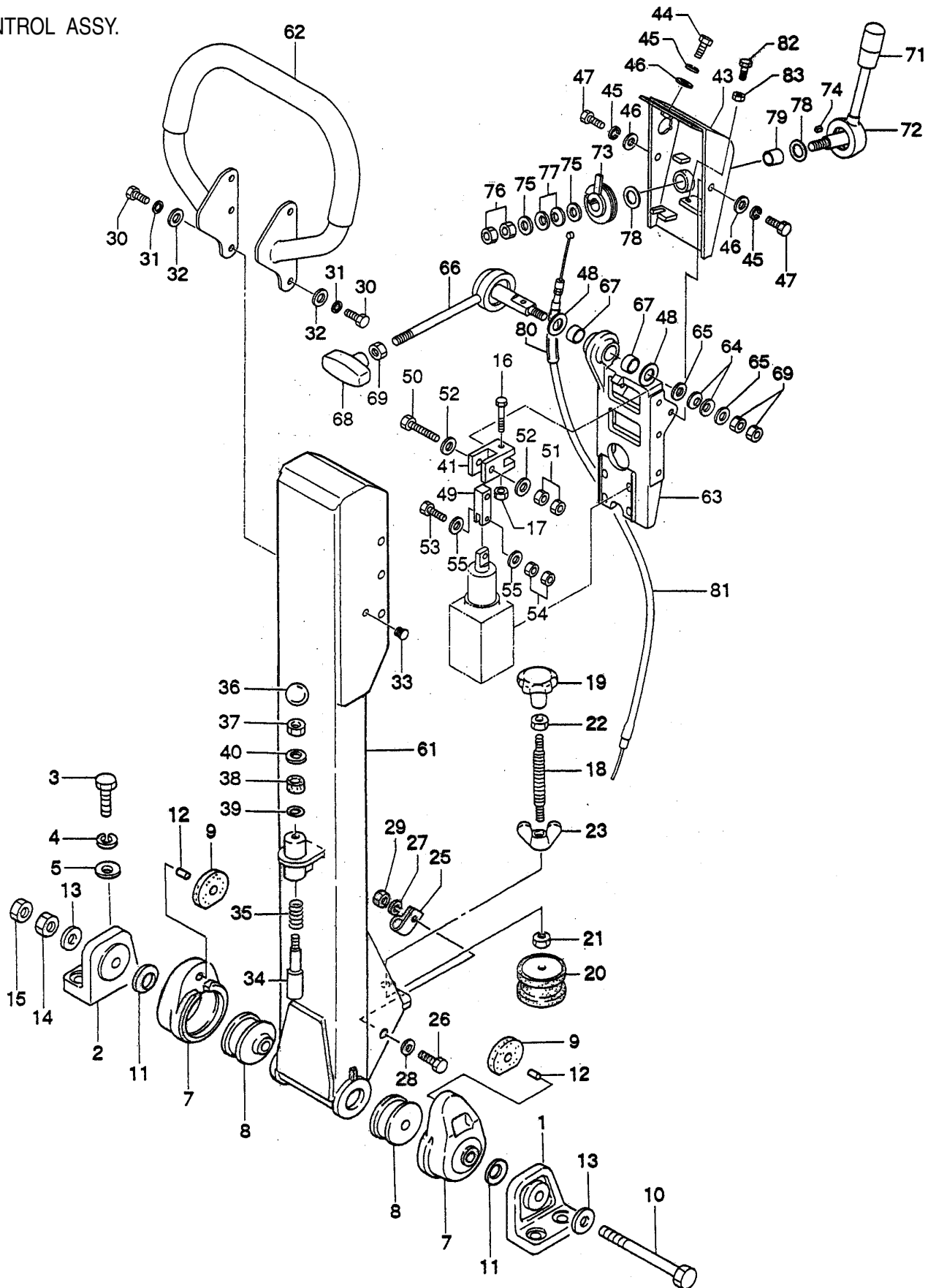
MVH-402GHB — CONTROL HANDLE ASSY.

CONTROL HANDLE ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARK</u>
1	456336410	HANDLE BRACKET (L)	1	
2	456336420	HANDLE BRACKET (R)	1	
3	001221235	BOLT 12X35 T	4	
4	030212300	WASHER, LOCK M12	4	
5	031112230	WASHER, FLAT M12	4	
7	456336400	RUBBER COUPLING	2	
8	456449940	SHOCK ABSORBER	2	
9	456449930	RUBBER PLATE	2	
10	001221681	BOLT 16X250 T	1	
11	032124400	CONICAL SPRING WASHER M24	2	
12	025406016	SPRING PIN 6X16	2	
13	031116260	WASHER, FLAT M16	2	
14	020316130	NUT M16	1	
15	020416100	NUT M16, H=10	1	
16	001220640	BOLT 6X40 T	1	
17	020306050	NUT M6	1	
18	455434950	SPINDLE	1	
19	455010030	KNOB	1	
20	939010060	SHOCK ABSORBER 60	1	
21	020410060	NUT, M10 H=6	1	
22	020412070	NUT, M12 H=7	1	
23	022411635	WING NUT M16	1	
25	954404230	CLAMP SA120- 18	1	
26	001220620	BOLT 6X20 T	1	
27	030206150	WASHER, LOCK M6	1	
28	031106100	WASHER, FLAT M6	1	
29	020306050	NUT M6	1	
30	001220825	BOLT 8X25 T	6	
31	030208200	WASHER, LOCK M8	6	
32	031108160	WASHER, FLAT M8	6	
33	953401580	PLUG	1	
34	501402870	HANDLE STOPPER	1	
35	501402880	SPRING/ HANDLE (1.4X18X44)	1	
36	959403460	BALL GRIP 32D- M10	1	
37	020410060	NUT M10, H=6	1	
38	456449980	RUBBER PACKING 9D- 20D- 5T	1	
39	953405260	PACKING 1/4 (CU)	1	
40	031110160	WASHER, FLAT M10	1	
41	456450760	JOINT	1	

MVH-402GHB — CONTROL ASSY.

CONTROL ASSY.



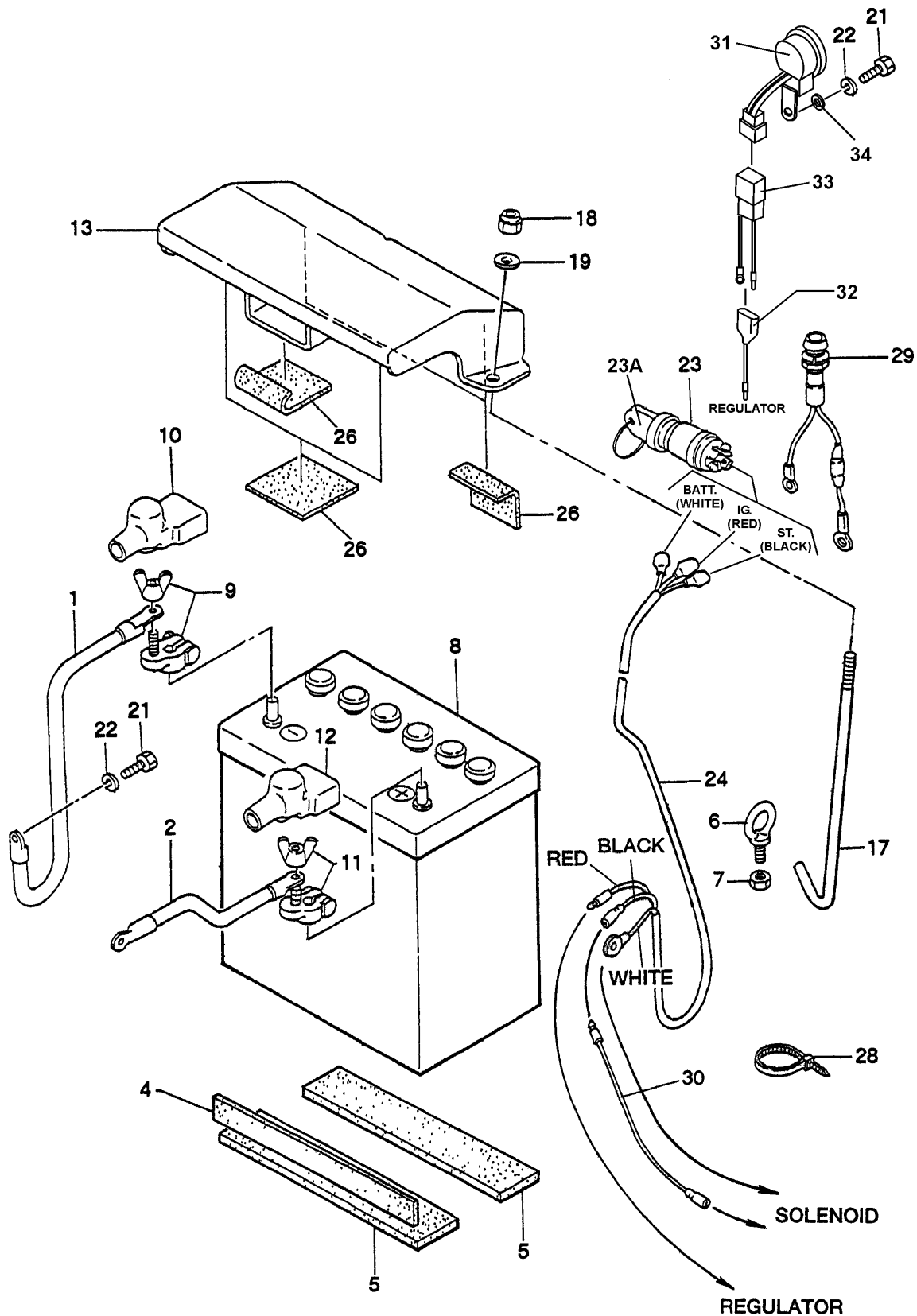
MVH-402GHB — CONTROL ASSY.(CONTINUED)

CONTROL ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
43	456214360	LEVER BRACKET	1	#1 -1538
43	456214720	LEVER BRACKET	1	*1 G1539-
44	001220820	BOLT 8X20 T	1	
45	030208200	WASHER, LOCK M8	3	
46	031108160	WASHER, FLAT M8	3	
47	001220815	BOLT 8X15 T	2	
48	033910020	THRUST WASHER 20 - 36 - 1.5T	2	
49	457445910	CLEVIS /MVH- 400	1	
50	001220850	BOLT 8X50 T	1	
51	020308060	NUT M8	2	
52	031108160	WASHER, FLAT M8	2	
53	001220630	BOLT 6X30	1	
54	02030650	NUT M6	2	
55	031106100	WASHER, FLAT M6	2	
61	456114841	HANDLE	1	
62	456214220	HANDLE GRIP	1	
62	456214222	HANDLE GRIP	1	
63	456214210	VALVE BRACKET	1	
64	032112220	CONICAL SPRING WASJER M12	2	
65	456451400	WASHER 12.2-27-0.6T	2	
66	456337400	TRAVEL LEVER	1	
67	608010090	BUSHING MB2015DU	2	
68	457332480	GRIP, TRAVEL LEVER	1	
69	020412070	NUT M12	3	
71	959403840	BAR GRIP ID 12MM	1	
72	456337690	THROTTLE LEVER	1	
73	456451290	WIRE GUIDE	1	UP TO S/N G1538
73	456452070	WIRE GUIDE	1	S/N G1539~
74	951401431	KEY 5X5X8	1	
75	031112230	WASHER, FLAT M12	2	
76	020412070	NUT M12	2	
77	032112220	CONICAL SPRING WASHER M12	2	
78	953402930	COPPER PACKING 19X30 X1	2	
79	509010130	BUSHING MB1825DU	1	
80	959021624	TUBE 8-13-150L	1	
81	956100046	THROTTLE WIRE 710-1980	1	
82	001820830	BOLT 8X30 T WHOLE THREAD	1	S/N G1539~
83	020308060	NUT M8	1	S/N G1539~

MVH-402GHB — BATTERY ASSY.

BATTERY ASSY.

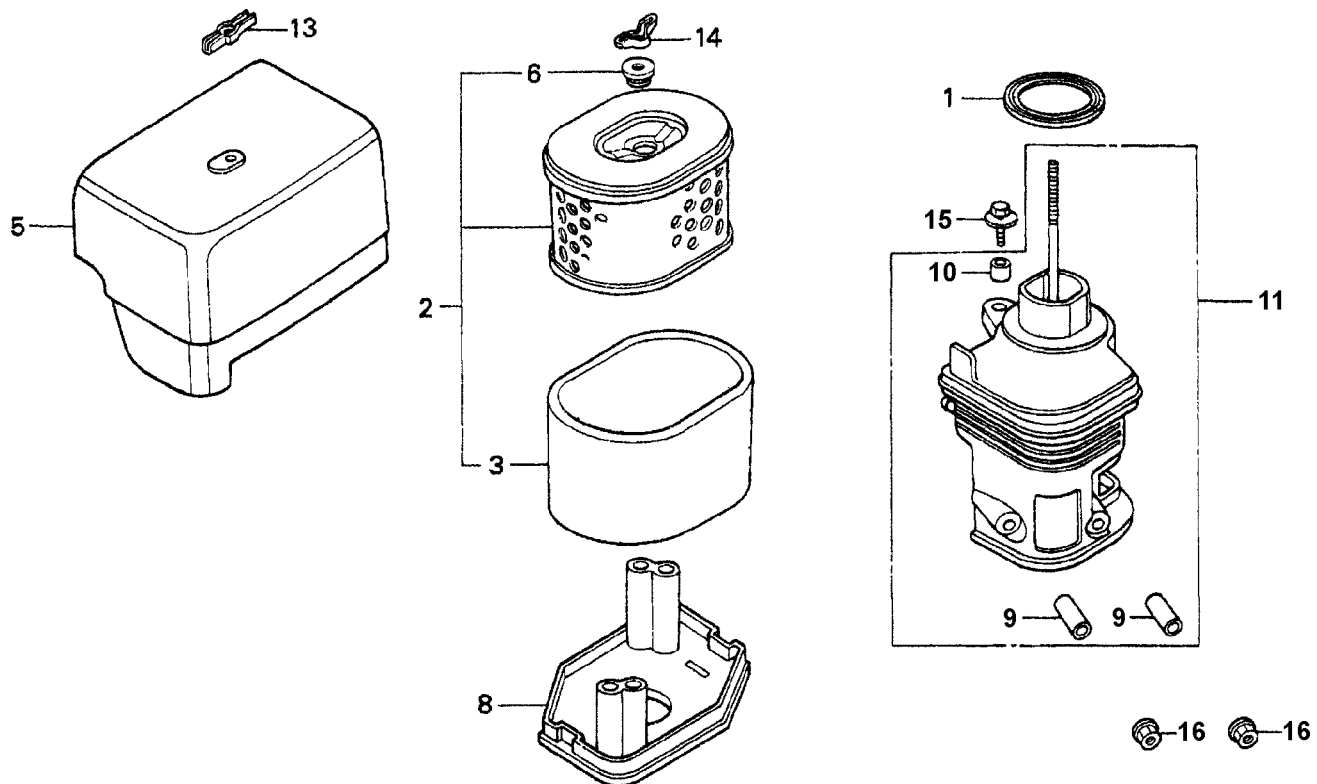


MVH-402GHB — BATTERY ASSY.**BATTERY ASSY.**

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	456438080	BATTERY CORD (-) 370L	1	
2	456438090	BATTERY CORD (+) 200L	1	
4	456447590	RUBBER PLATE (E) 28X240X5	1	
5	456447600	RUBBER PLATE 50X240X10	2	
6	959403830	EYE BOLT M10X18	2	
7	020310080	NUT M10	2	
8	955010020	BATTERY 46B24L	1	
9	955404130	BATTERY TERMINAL (-)	1	
10	955300220	TERMINAL COVER (BLACK)	1	
11	955300480	BATTERY TERMINAL (+)	1	
12	955300210	TERMINAL COVER (RED)	1	
13	456210660	BATTERY COVER	1	
17	457445890	BATTERY BOLT	2	
18	022710809	NYLON NUT M8	2	
19	031108160	WASHER, FLAT M8	2	
21	001220815	BOLT 8X15 T	1	
22	030208200	WASHER, LOCK M8	1	
23	955300680	KEY SWITCH	1	REPLACES 457333310 S/N J1821~
23A	955000010	KEY, STARTER SWITCH	1	S/N J1821~
24	456439070	WIRE CP	1	
26	959406070	RUBBER PLATE 3-50-60	5	
28	454010020	CLAMP TC-100	2	
29	456447960	LAMP AY, CTL-904	1	
30	456451530	READ CORD, L90	1	
31	955300400	BUZZER	1	
32	515450380	WIRE HARNESS	1	
33	10519878570	HARNESS (C), WIRE	1	
34	031106100	WASHER, LOCK	1	

HONDA GX390K1SMX2 ENGINE — AIR CLEANER ASSY.

AIR CLEANER ASSY.



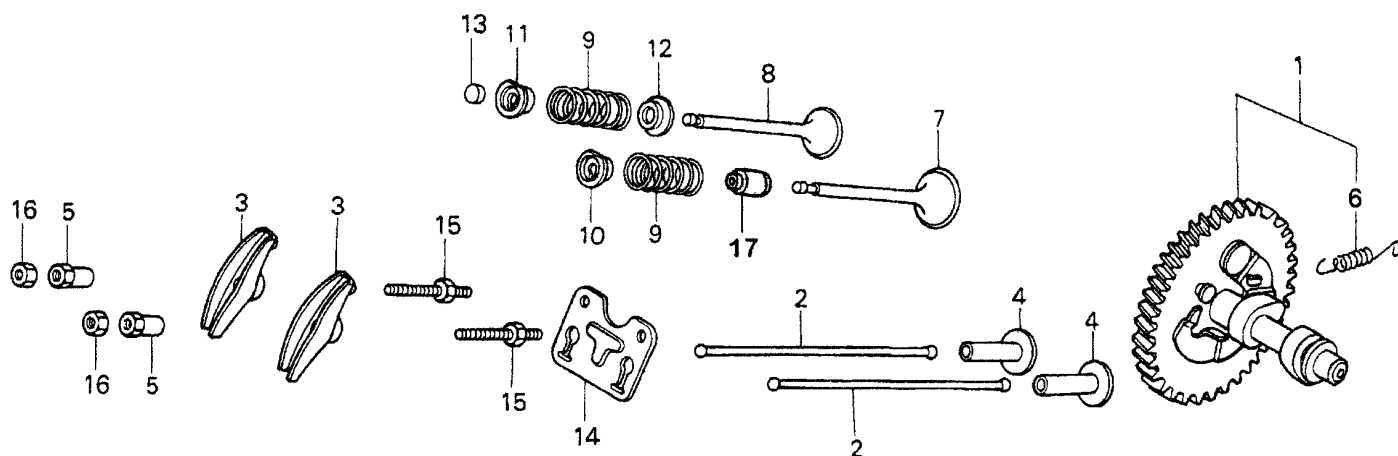
HONDA GX390K1SMX2 ENGINE — AIR CLEANER ASSY.

AIR CLEANER ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	16271ZE2010	GASKET, ELBOW	1	
2	17210ZE3010	ELEMENT, AIR CLEANER	1	INCLUDES ITEMS W/#
3#	17218ZE3000	FILTER, OUTER	1	
5	17231ZE3W01	COVER, AIR CLEANER	1	
6#	17232891000	GROMMET, AIR CLEANER	1	
8	17235ZH9N00	NOSE, SILENCER	1	
9*	17238ZE2310	COLLAR, AIR CLEANER	2	
10*	17239ZE1000	COLLAR B, AIR CLEANER	1	
11	17410ZH9N00	ELBOW, AIR CLEANER	1	INCLUDES ITEMS W/*
13	90203ZA0800	WINGNUT, 6MM	1	
14	90325044000	NUT, WING	1	
15	90009ZE2003	BOLT- WASHER 6X22	1	
16	9405006000	NUT, FLANGE 6MM	2	

HONDA GX390K1SMX2 ENGINE — CAMSHAFT ASSY.

CAMSHAFT ASSY.

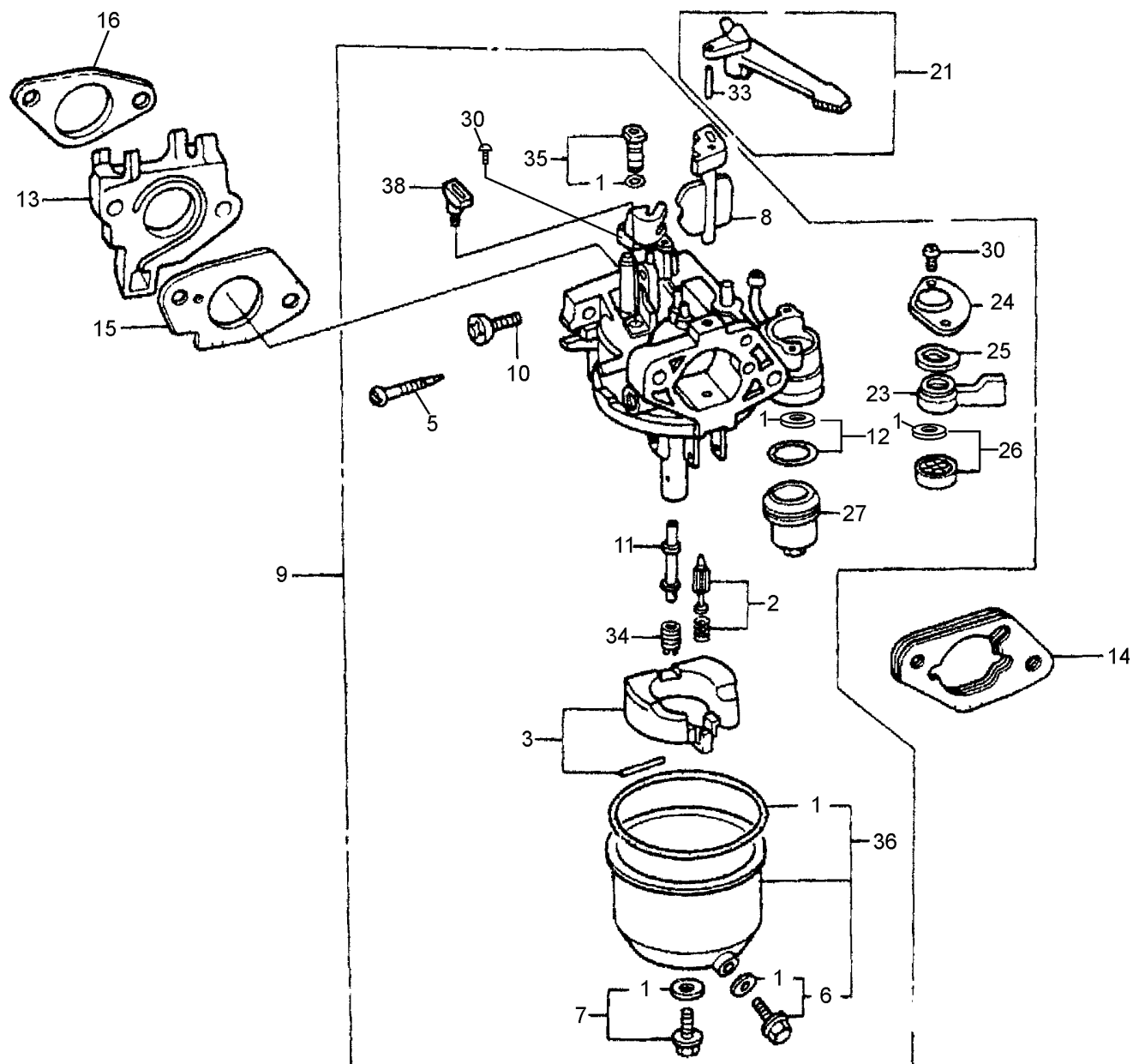


HONDA GX390K1SMX2 ENGINE — CAMSHAFT ASSY.

CAMSHAFT ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	14100ZF6W01	CAMSHAFT ASSEMBLY	1	INCLUDES ITEMS W/*
2	14410ZE3013	ROD, PUSH	2	
3	14431ZE2010	ARM, VALVE ROCKER	2	
4	14441ZE2000	LIFTER, VALVE	2	
5	14451ZE1013	PIVOT, ROCKER ARM	2	
6*	14568ZE1000	SPRING, WEIGHT RETURN	1	
7	14711ZE3000	VALVE, INTAKE	1	
8	14721ZE3000	VALVE, EXHAUST	1	
9	14751ZE2003	SPRING, VALVE	2	
10	14771ZE2000	RETAINER, INTAKE VALVE SPRING	1	
11	14773ZE2000	RETAINER, EXHAUST VALVE SPRING	1	
12	14775ZE2010	SEAT, VALVE SPRING	1	
13	14781ZE2000	ROTATOR, VALVE	1	
14	14791ZE2010	PLATE, PUSH ROD GUIDE	1	
15	90012ZE0010	BOLT, PIVOT 8MM	2	
16	90206ZE1000	NUT, PIVOT ADJ.	2	
17	12209ZE8003	SEAL, VALVE STEM	1	

HONDA GX390K1SMX2 ENGINE — CARBURETOR ASSY.



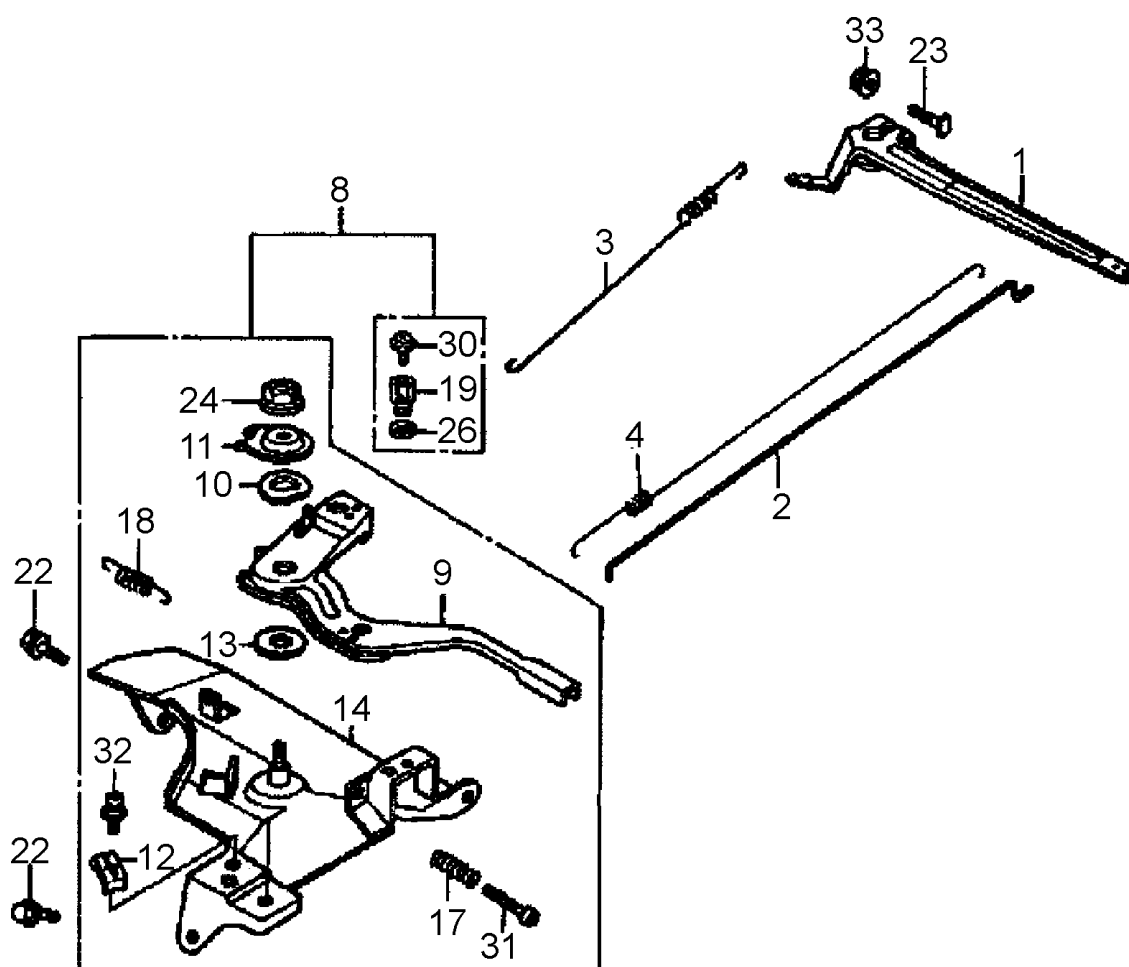
HONDA GX390K1SMX2 ENGINE — CARBURETOR ASSY.

CARBURETOR ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1#%\$>	16010ZE2812	GASKET SET	1	
2*	16011ZA0931	VALVE SET, FLOAT	1	
3*	16013ZA0931	FLOAT SET	1	
5*	16016ZH7W01	SCREW SET	1	
6*%	16024ZE1811	SCREW SET, DRAIN	1	
7*	16028ZE0005	SCREW SET B	1	
8*	16044ZE3W20	CHOKE SET	1	
9	16100ZF6V01	CARBURETOR ASSEMBLY, BE85B B	1	INCLUDES ITEMS W/*
10*	16124ZE0005	SCREW, THROTTLE STOP	1	
11*	16166ZF6V00	NOZZLE, MAIN	1	
12*	16173001004	GASKET, FUEL STRAINER CUP	1	INCLUDES ITEMS W/\$
13	16211ZF6000	INSULATOR, CARBURETOR	1	
14	16220ZA0702	SPACER, CARBURETOR	1	
15	16221ZF6800	GASKET, CARBURETOR	1	
16	16223ZE3W00	GASKET, INSULATOR	1	
21	16610ZE1000	LEVER, CHOKE (STANDARD)	1	INCLUDES ITEMS W/+
23*	16953ZE1812	LEVER, VALVE	1	
24*	16954ZE1812	PLATE, LEVER SETTING	1	
25*	16956ZE1811	SPRING, VALVE LEVER	1	
26*	16957ZE1812	GASKET, VALVE	1	INCLUDES ITEMS W/>
27*	16967ZE0811	CUP, FUEL STRAINER	1	
30*	93500030061H	SCREW, PAN 3X6	2	
33+	9430520122	PIN, SPRING 2X12	1	
34*	99101ZH80880	JET, MAIN #88 (OPTIONAL)	1	
35*	99204ZA00450	JET SET, PILOT #45	1	INCLUDES ITEMS W/#
36*	106015ZE8005	CHAMBER SET FLOAT	1	INCLUDES ITEMS W/%
38*	16172ZE3W10	COLLAR, SET	1	

HONDA GX390K1SMX2 ENGINE — CONTROL ASSY.

CONTROL ASSY.



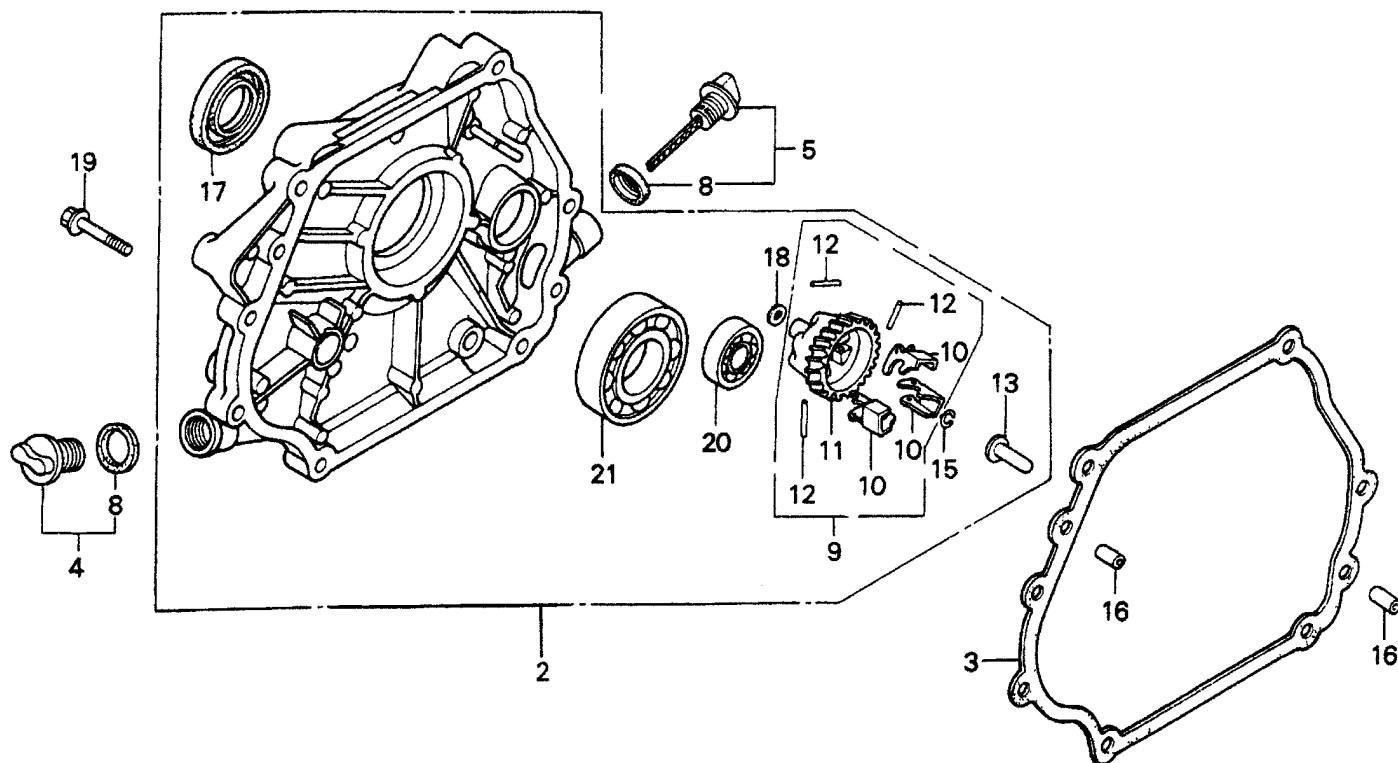
HONDA GX390K1SMX2 ENGINE — CONTROL ASSY.

CONTROL ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	16551ZE3000	ARM, GOVERNOR	1	
2	16555ZE3000	ROD, GOVERNOR	1	
3	16561ZE3000	SPRING, GOVERNOR	1	
4	16562ZE3000	SPRING, THROTTLE RETURN	1	
8	16570ZE3W10	CONTROL ASSY., REMOTE	1	
9	16571ZE3W00	LEVER, CONTROL	1	
10	16574ZE1000	SPRING, LEVER	1	
11	16575ZE2W00	WASHER, CONTROL LEVER	1	
12	16576891000	HOLDER, CABLE	1	
13	16578ZE1000	SPACER, CONTROL LEVER	1	
14	16581ZE3W00	BASE, CONTROL	1	
17	16584883300	SPRING, CONTROL ADJUSTING	1	
18	16592883310	SPRING, CABLE RETURN	1	
19	16594883010	HOLDER, WIRE	1	
22	90013883000	BOLT, FLANGE (6X12) (CT200)	2	
23	90015ZE5010	BOLT, GOVERNOR ARM	1	
24	90114SA0000	NUT, SELF-LOCK (6MM)	1	
26	90605230000	CIR CLIP	1	
30	93500040060H	SCREW (4X6)	1	
31	93500050320A	PAN SCREW (5X32)	1	
32	93500050160A	SCREW, PAN (5X16)	1	
33	9405006000	NUT, FLANGE (6MM)	1	

HONDA GX390K1SMX2 ENGINE — CRANKCASE COVER ASSY.

CRANKCASE COVER ASSY.



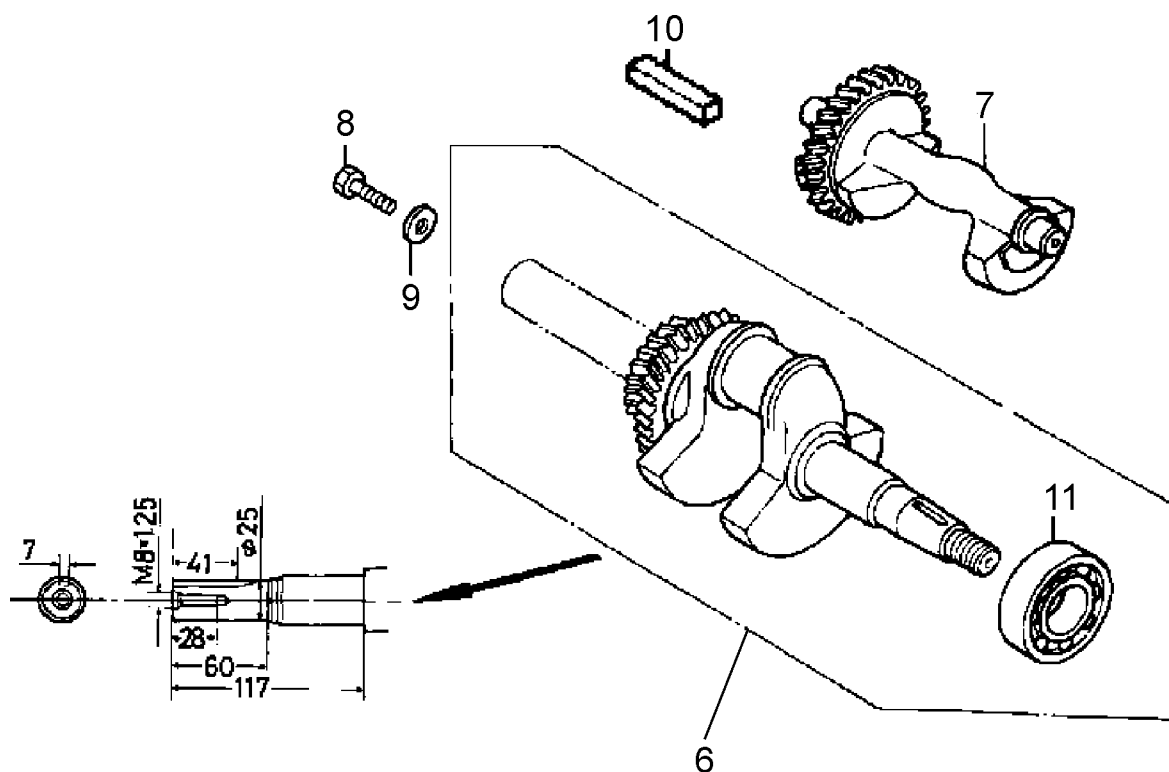
HONDA GX390K1SMX2 ENGINE — CRANKCASE COVER ASSY.

CRANKCASE COVER ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
2*	11300ZE3040	COVER ASSY., CRANKCASE	1	INCLUDES ITEMS W/*
3	11381ZE3801	PACKING, CASE COVER	1	
4	15600ZG4003	CAP ASSEMBLY, OIL FILLER	1	
5	15600735003	CAP ASSEMBLY, OIL FILLER	1	
8	15625ZE1003	GASKET, OIL FILLER CAP	2	
9	16510ZE3000	GOVERNOR ASSEMBLY	1	INCLUDES ITEMS W/#
10*#	16511ZE8000	WEIGHT, GOVERNOR	3	
11*#	16512ZE3000	HOLDER, GOVERNOR WEIGHT	1	
12*#	16513ZE2000	PIN, GOVERNOR WEIGHT	3	
13*	16531Z0A000	SLIDER, GOVERNOR	1	
15*	90602ZE1000	CLIP, GOVERNOR HOLDER	1	
16	90701HC4000	PIN, DOWEL 8X12	2	
17*	91201ZE3004	OIL SEAL 36X52X8	1	
18*	9410106800	WASHER, PLAIN 6MM	1	
19	957010804000	BOLT, FLANGE 8X40	7	
20*	961006202000	BEARING, RADIAL BALL 6202	1	
21*	961006207000	BEARING, RADIAL BALL 6207	1	

HONDA GX390K1SMX2 ENGINE — CRANKSHAFT ASSY.

CRANKSHAFT ASSY.



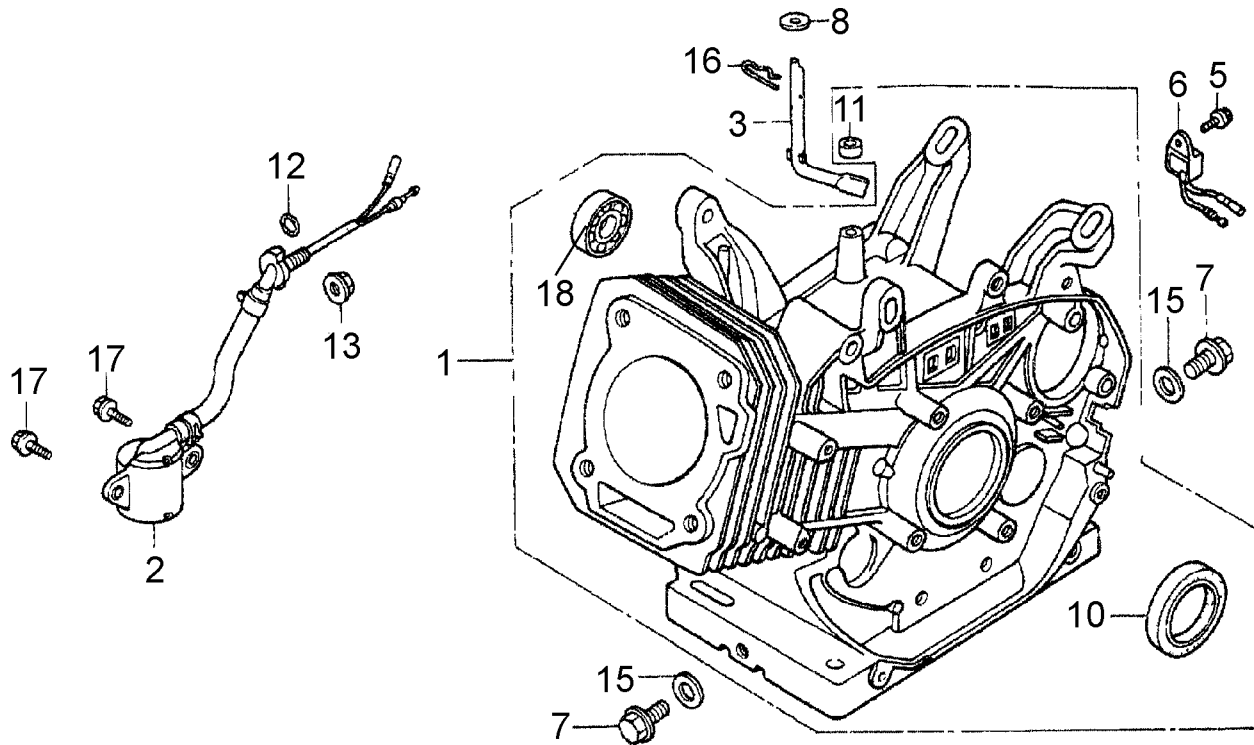
HONDA GX390K1SMX2 ENGINE — CRANKSHAFT ASSY.

CRANKSHAFT ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
6	13310ZF6W70	CRANKSHAFT, Q-TYPE	1	
7	13351ZE3010	WEIGHT, BALANCER	1	
8	92101080250A	BOLT, 8X25	1	
9	90534706010	WASHER, LOCK 8MM	1	
10	90741805000	KEY 7X7X33	1	
11	91001ZF6003	BEARING, RADIAL BALL 6207S	1	

HONDA GX390K1SMX2 ENGINE — CYLINDER BARREL ASSY.

CYLINDER BARREL ASSY.



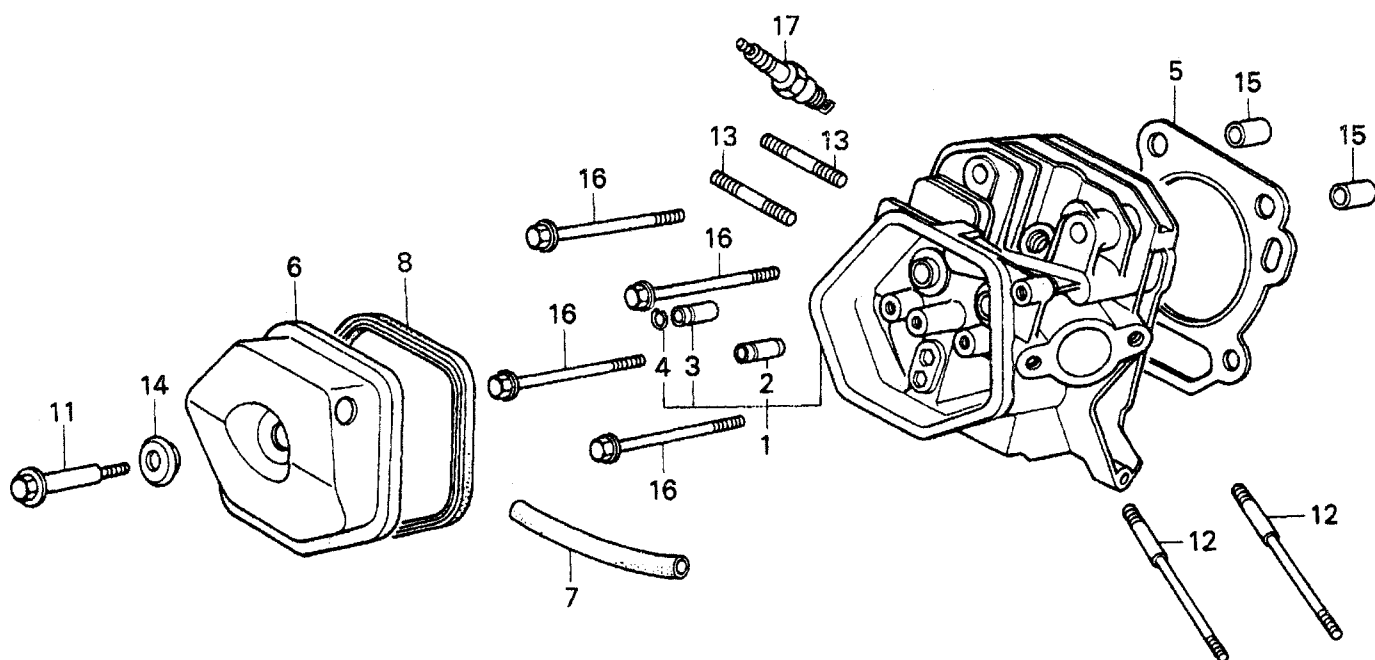
HONDA GX390K1SMX2 ENGINE — CYLINDER BARREL ASSY.

CYLINDER BARREL ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	12000ZF6W14	BARREL ASSY.,CYLINDER	1	INCLUDES ITEMS W/*
2	15510ZE2043	SWITCH ASSY.,OIL LEVEL	1	
3	16541ZE3010	SHAFT, GOVERNOR ARM	1	
5	34150ZH7003	ALERT UNIT, OIL	1	
6	90013883000	BOLT, FLANGE 6X12 (CT200	1	
7	90131883000	BOLT, DRAIN PLUG	2	
8	90446KE1000	WASHER 8.2X17X0.8	1	
10*	91201ZE3004	OIL SEAL 35X52X8	1	
11*	91203952771	OIL SEAL 8X14X5	1	
12	91353671004	O- RING 14MM	1	
13	9405010000	NUT, FLANGE 10MM	1	
15	9410912000	WASHER, DRAIN PLUG 12MM	2	
16	9425110000	PIN,LOCK 10MM	1	
17	957010601200	BOLT, FLANGE 6X12	2	
18*	96100620200	BEARING, RADIAL BALL 6202	1	

HONDA GX390K1SMX2 ENGINE — CYLINDER HEAD ASSY.

CYLINDER HEAD ASSY.



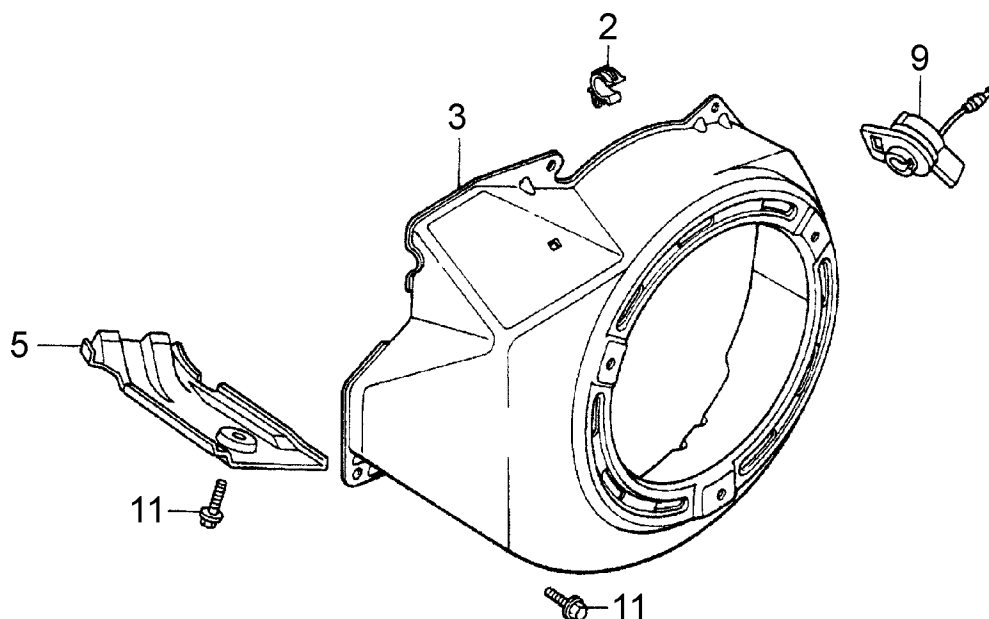
HONDA GX390K1SMX2 ENGINE — CYLINDER HEAD ASSY.

CYLINDER HEAD ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	12200ZF6W01	CYLINDER HEAD	1	INCLUDES ITEMS W/*
2*	12204ZE2306	GUIDE, VALVE OS (OPTIONAL)	1	
3*	12205ZE2305	GUIDE, EX. VALVE OS (OPTIONAL)	1	
4*	12216ZE2300	CLIP, VALVE GUIDE	1	
5	12251ZF6W00	GASKET, CYLINDER HEAD	1	
6	12310ZE2020	COVER, HEAD	1	
7	950051110530	TUBE (11X1000) (11X105)	1	
8	12391ZE2020	GASKET, CYLINDER HEAD COVER	1	
11	90014ZE2000	BOLT, HEAD COVER	1	
12	90042ZE8000	BOLT, STUD 8X31.5	2	
13	92900080320E	BOLT 2, STUD 8X32	2	
14	90441ZE2010	WASHER, HEAD COVER	1	
15	9430112200	PIN A, DOWEL 12X20	2	
16	957011008000	BOLT, FLANGE 10X80	4	
16	957251008000	BOLT, FLANGE 10X80	4	
17	9807956841	SPARK PLUG BP6ES (NGK)	1	
17	9807956854	SPARK PLUG W20EP-U (DENSO)	1	

HONDA GX390K1SMX2 ENGINE — FAN COVER ASSY.

FAN COVER ASSY.



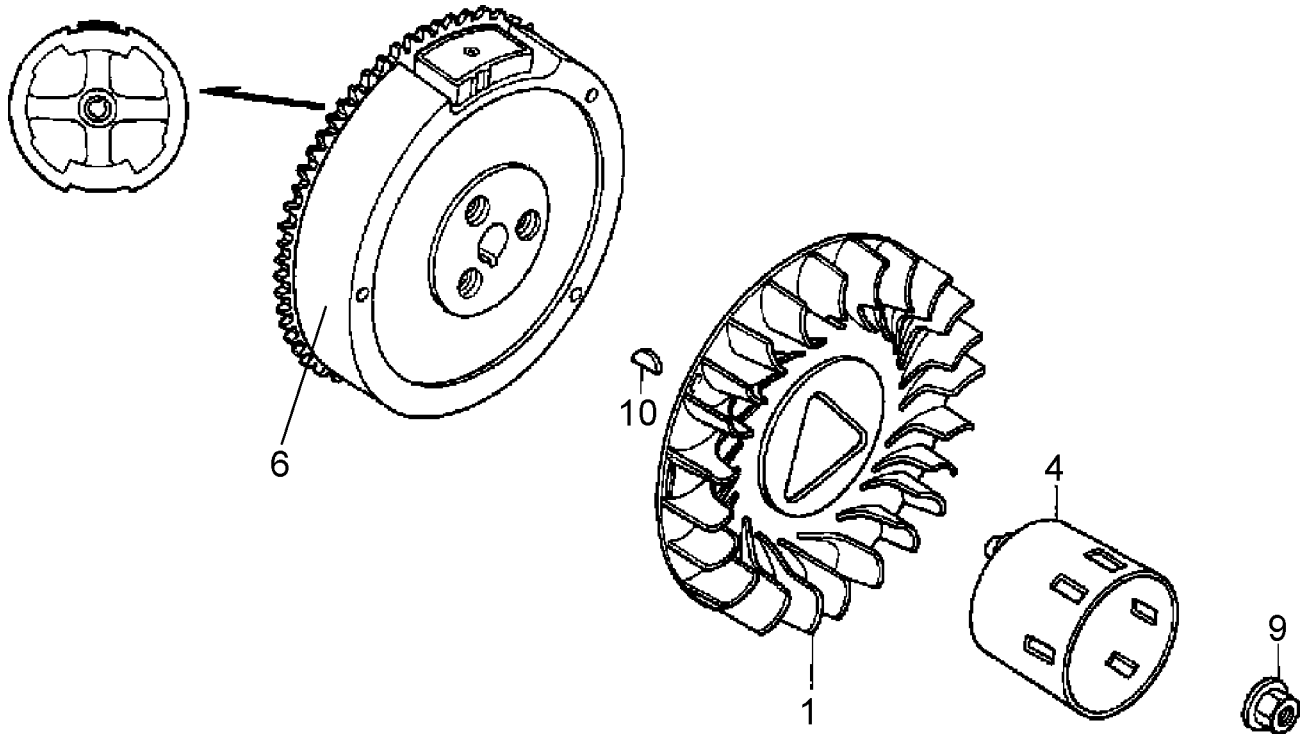
HONDA GX390K1SMX2 ENGINE — FAN COVER ASSY.

FAN COVER ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
2	16731ZE2003	CLIP, TUBE	1	
3	19610ZE3010ZB	COVER, FAN *NH1* BLACK	1	
5	19631ZE3W00	SHROUD	1	
9	36100ZH7003	SWITCH ASSEMBLY, ENGINE STOP	1	
11	90013883000	BOLT, FLANGE 6X12 (CT200)	6	

HONDA GX390K1SMX2 ENGINE — FLYWHEEL ASSY.

FLYWHEEL ASSY.



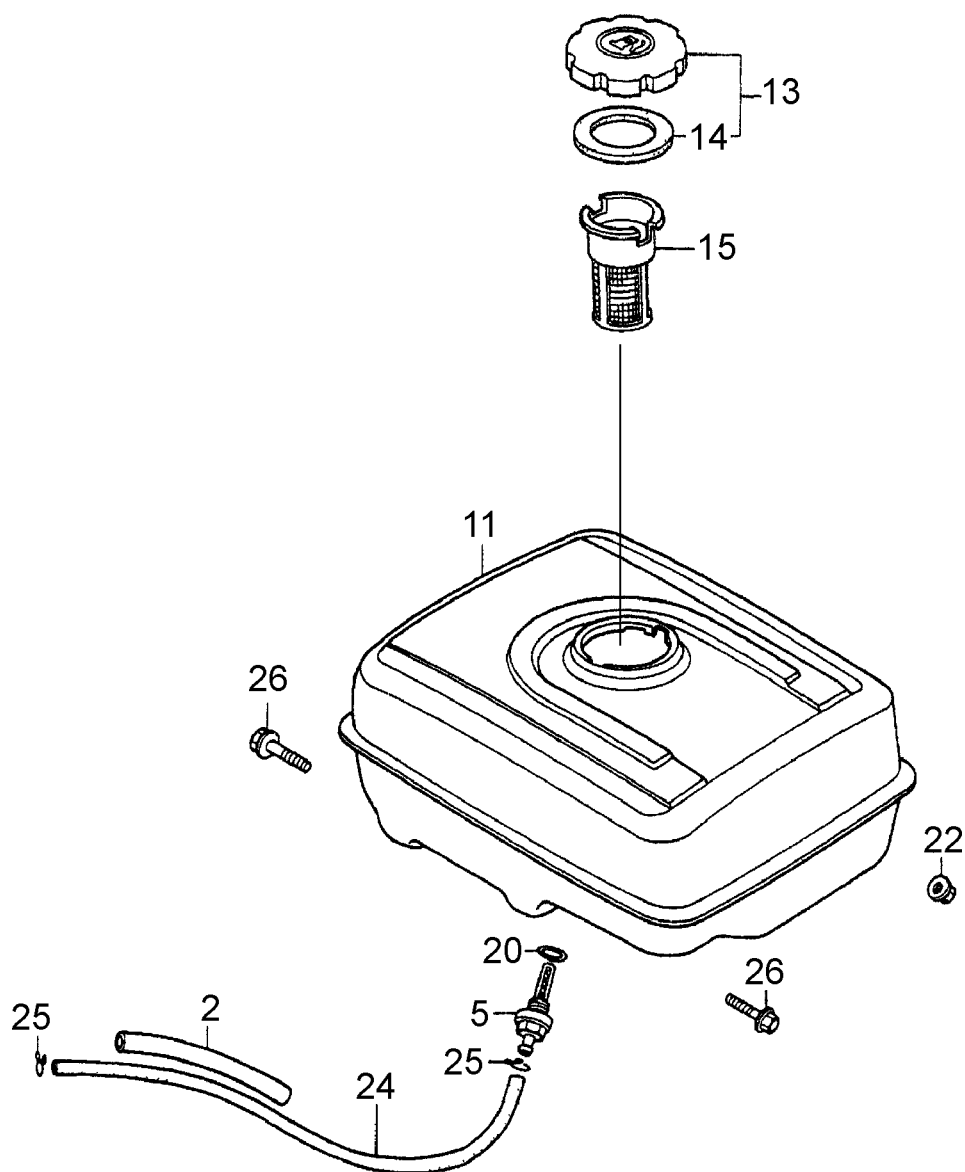
HONDA GX390K1SMX2 ENGINE — FLYWHEEL ASSY.

FLYWHEEL ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	19511ZE3000	FAN, COOLING	1	
4	28450ZE3W11	PULLEY, STARTER (SCREEN GRID)	1	
6	31100ZE3701	FLYWHEEL	1	
9	90201ZE3V00	NUT, SPECIAL 16MM (1)	1	
10	90741ZE2000	KEY, SPECIAL WOODRUFF 25X18	1	

HONDA GX390K1SMX2 ENGINE — FUEL TANK ASSY.

FUEL TANK ASSY.



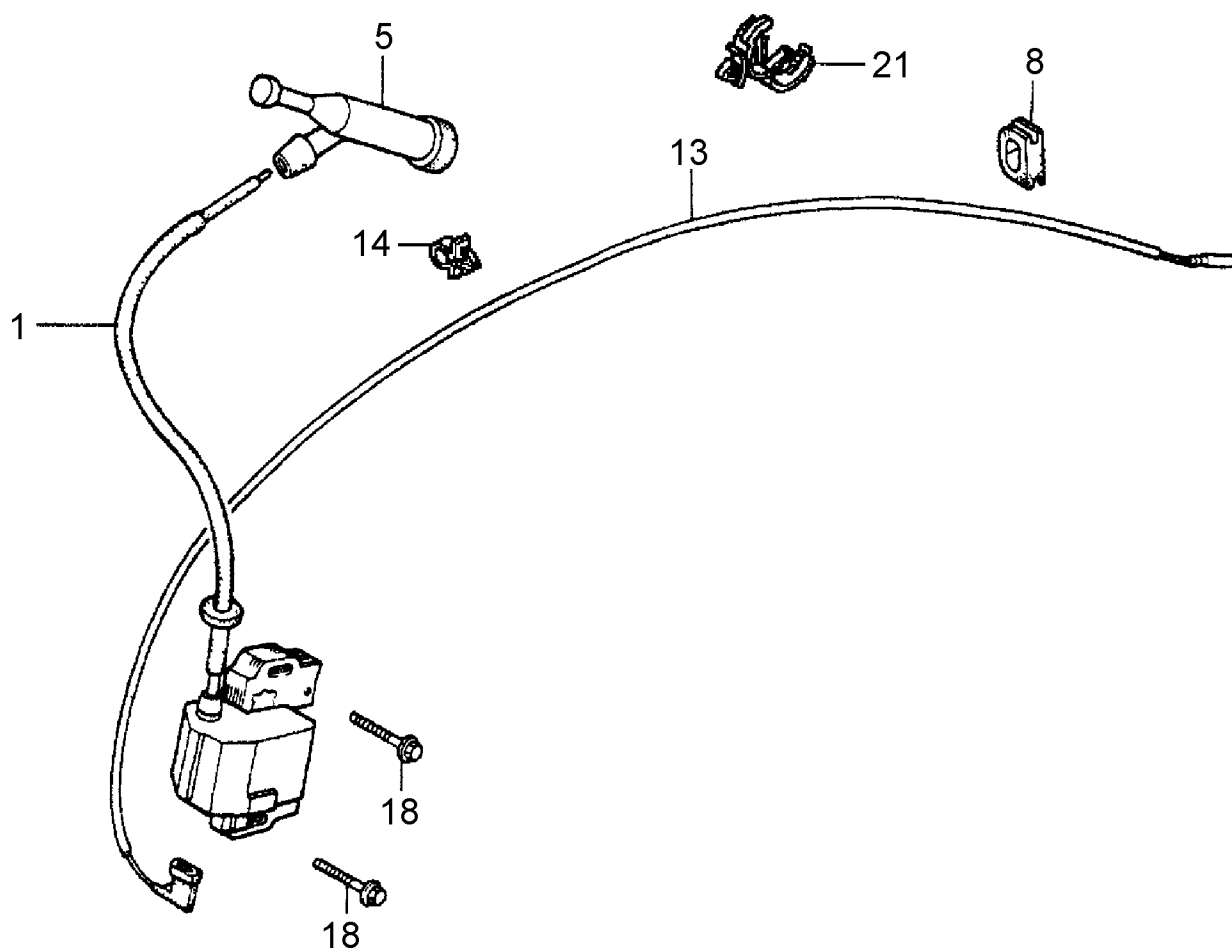
HONDA GX390K1SMX2 ENGINE — FUEL TANK ASSY.

FUEL TANK ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
2	16854ZH8000	RUBBER, SUPPORTER 107MM	1	
5	16955ZE1000	JOINT, FUEL TANK	1	
11	17510ZE3010ZB	TANK, FUEL *NH1* (BLACK)	1	
13	17620Z0T814	CAP, FUEL TANK	1	INCLUDES ITEM W/*
14*	17631Z0T812	PACKING	1	
15	17672ZE2W01	FUEL FILTER	1	
20	91353671004	O- RING 14MM	1	
22	9405008000	NUT, FLANGE 8MM	2	
24	950014523540	TUBE, FUEL (4.5X3000) (4.5X235)	1	
25	9500202080	CLIP, TUBE B8	2	
26	957010802500	BOLT, FLANGE 8X25	2	

HONDA GX390K1SMX2 ENGINE — IGNITION COIL ASSY.

IGNITION COIL ASSY.



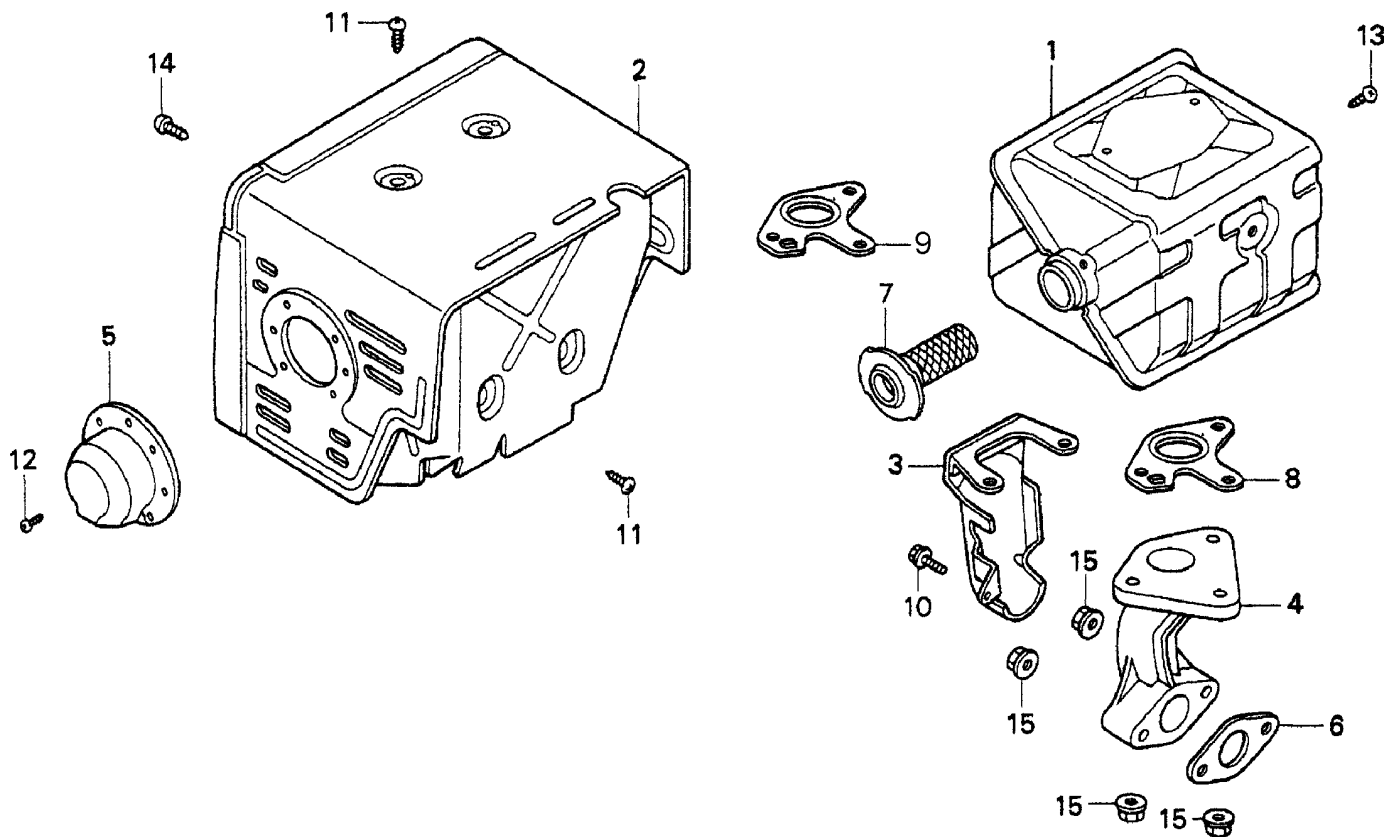
HONDA GX390K1SMX2 ENGINE — IGNITION COIL ASSY.

IGNITION COIL ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	30500ZF6W02	COIL ASSY., IGNITION	1	
5	30700ZE1013	CAP ASSY.,	1	
8	31512ZE2000	GROMMET, WIRE	1	
13	36101ZE2701	WIRE, STOP SWITCH 430MM	1	
14	36103ZE1000	HOLDER, STOP SWITCH CORD	1	
18	90015883000	BOLT, FLANGE 6X28	2	
21	90684ZA061	CLIP, HARNESS	1	

HONDA GX390K1SMX2 ENGINE — MUFFLER ASSY.

MUFFLER ASSY.



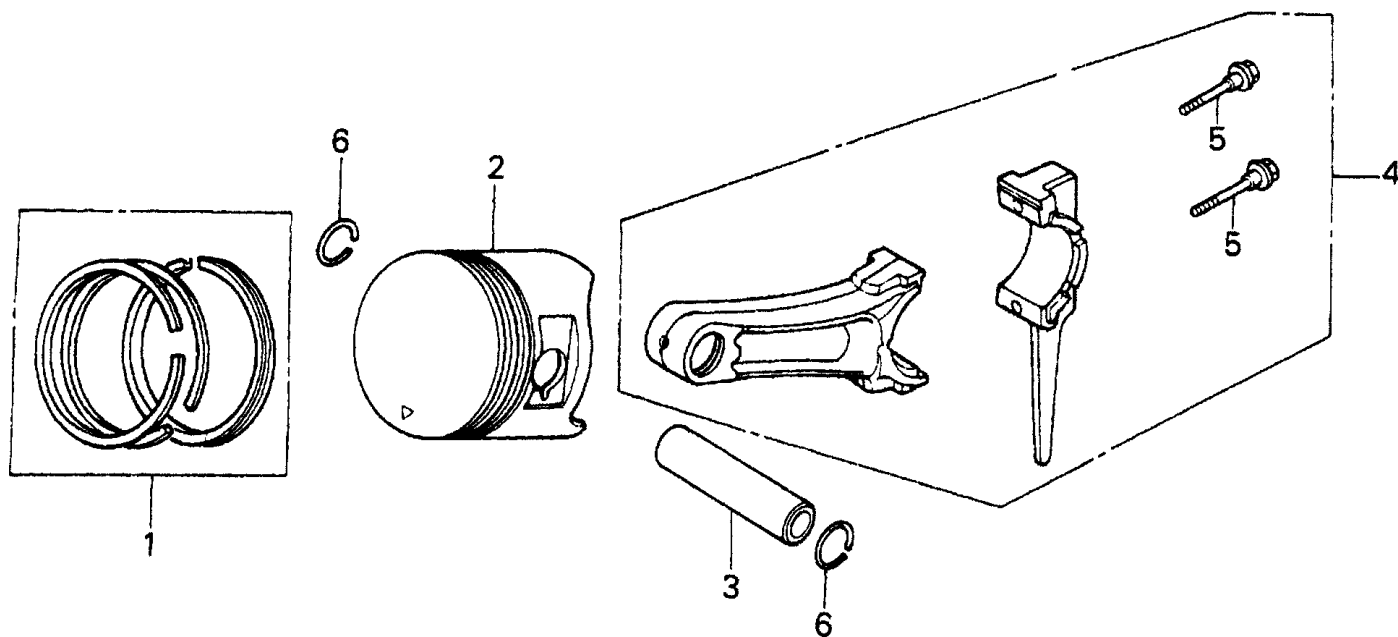
HONDA GX390K1SMX2 ENGINE — MUFFLER ASSY.

MUFFLER ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	18310ZE2W61	MUFFLER 100DB	1	
2	18320ZE2W61	PROTECTOR, MUFFLER	1	
3	18323ZE3W40	PROTECTOR, EXHAUST PIPE	1	
4	18330ZE2W00	PIPE, EXHAUST	1	
5	18331ZE3810	CAP, MUFFLER	1	
6	18333ZF6W01	GASKET, EXHAUST PIPE	1	
7	18355ZE2W00	ARRESTER, SPARK	1	
8	18381ZE2W10	GASKET, MUFFLER (ARRESTER)	1	
9	18381ZE2800	GASKET EX	1	
10	90013883000	BOLT, FLANGE 6X12 (CT200)	1	
11	90050ZE1000	SCREW, TAPPING 5X8	4	
13	90055ZE1000	SCREW, TAPPING 4X6	3	
14	90006ZE2000	SCREW, TAPPING 6X10	1	
15	9405008000	NUT, FLANGE 8MM	5	

HONDA GX390K1SMX2 ENGINE — PISTON ASSY.

PISTON ASSY.



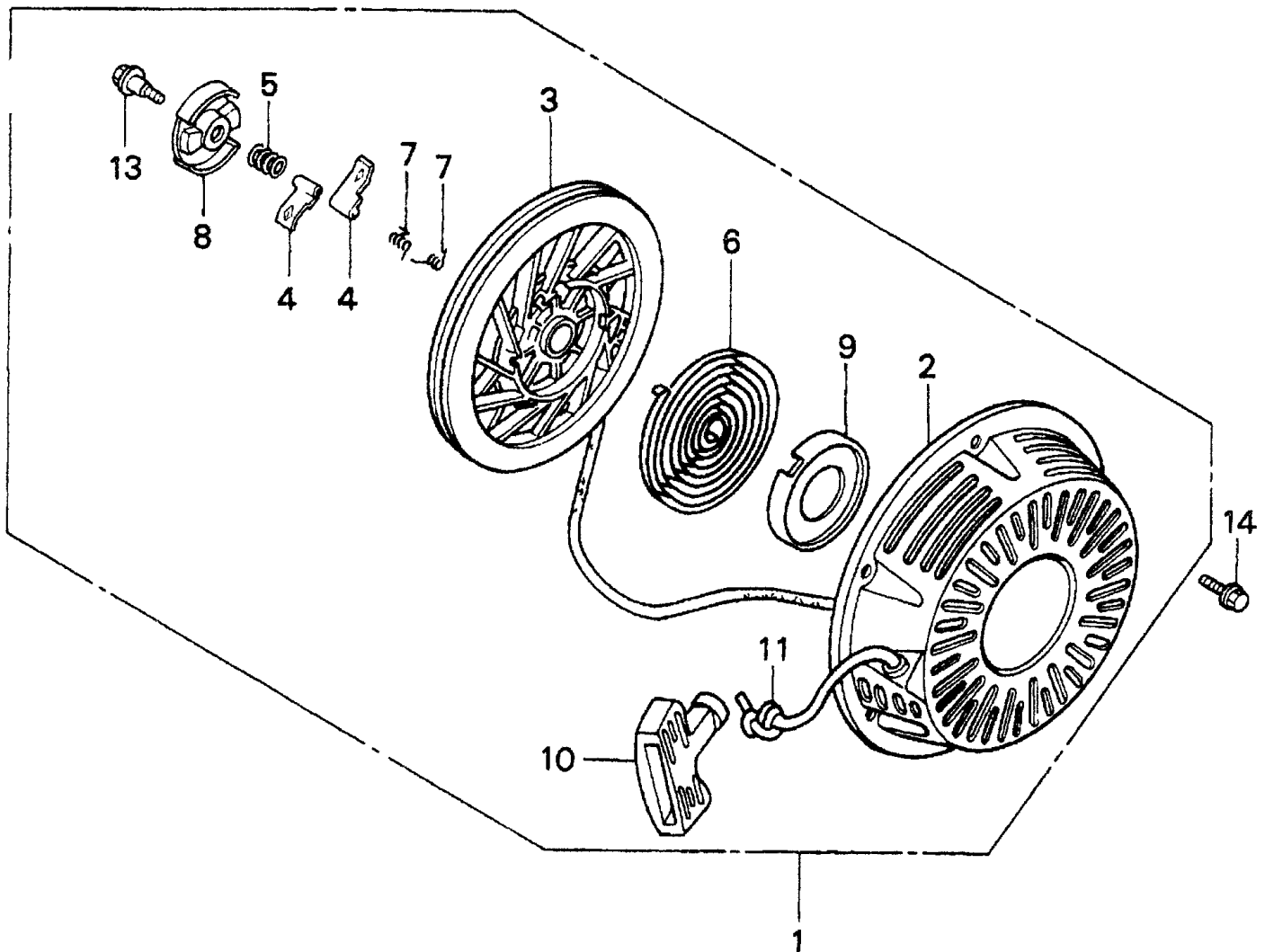
HONDA GX390K1SMX2 ENGINE — PISTON ASSY.

PISTON ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	13010ZF6003	RING SET, PISTON (STD.)	1	
1	13011ZF6003	RING SET, PISTON (OS 0.25), OPT.	1	
1	13012ZF6003	RING SET, PISTON (OS 0.50), OPT.	1	
1	13013ZF6003	RING SET, PISTON (0.75) NIPPON, OPT.	1	
2	13101ZF6W00	PISTON (STANDARD)	1	
2	13102ZF6W00	PISTON (OS 0.25), OPTIONAL	1	
2	13103ZF6W00	PISTON (OS 0.50), OPTIONAL	1	
2	13104ZF6W00	PISTON (0.75), OPTIONAL	1	
3	13111ZF6W00	PIN, PISTON	1	
4	13200ZE3010	ROD ASSY., CONNECTING (STD.)	1	INCLUDES ITEMS W/*
4	13200ZE3315	ROD ASSY., CONNECTING (US 0.25), OPT. .	1	INCLUDES ITEMS W/*
5*	90001ZE8000	BOLT, CONNECTING ROD	2	
6	90601ZE3000	CLIP, PISTON PIN 20MM	2	

HONDA GX390K1SMX2 ENGINE — RECOIL STARTER ASSY.

RECOIL STARTER ASSY.



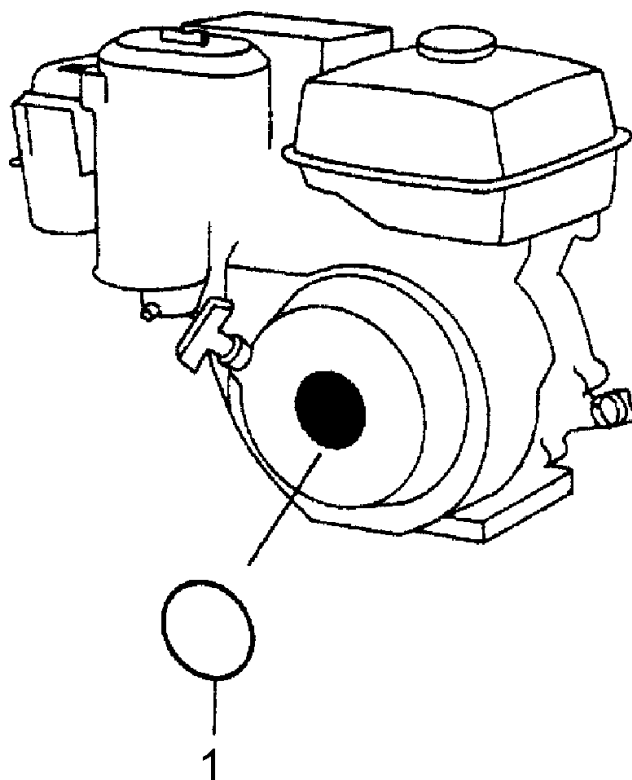
HONDA GX390K1SMX2 ENGINE — RECOIL STARTER ASSY.

RECOIL STARTER ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	28400ZE3W01ZB	STARTER ASSY., RECOIL *NH1*, BLACK.....	1	INCLUDES ITEMS W/*
2*	28410ZE3W01ZB	CASE, RECOIL STARTER *NH1*, BLACK	1	
3*	28421ZE3W01	PULLEY, RECOIL STARTER	1	
4*	28422ZE2W01	RATCHET, STARTER	2	
5*	28441ZE2W01	SPRING, FRICTION	1	
6*	28442ZE2W01	SPRING, STARTER RETURN	1	
7*	28443ZE2W01	SPRING, RATCHET	2	
8*	28444ZE2W01	RETAINER, SPRING	1	
10*	28461ZE2W02	GRIP, STARTER	1	
11*	28462ZE3W01	ROPE, RECOIL STARTER	1	
13*	90004ZE2W01	SCREW, CENTER	1	
14	90008ZE2003	BOLT, FLANGE 6X10	3	

HONDA GX390K1SMX2 ENGINE — RECOIL STARTER ASSY.

LABELS ASSY.



HONDA GX390K1SMX2 ENGINE — RECOIL STARTER ASSY.

LABELS ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	87521ZF6W01	EMBLEM	1	