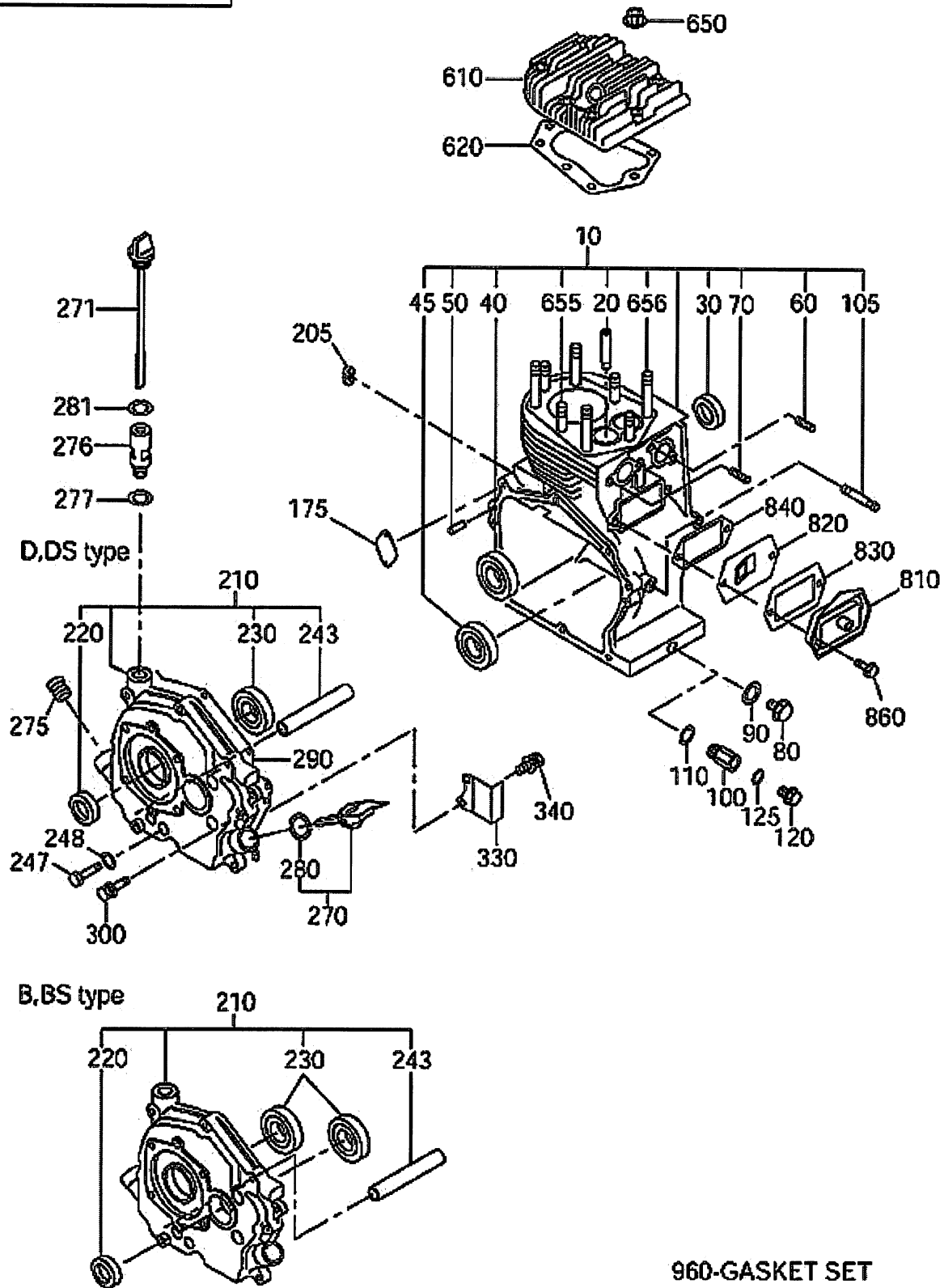


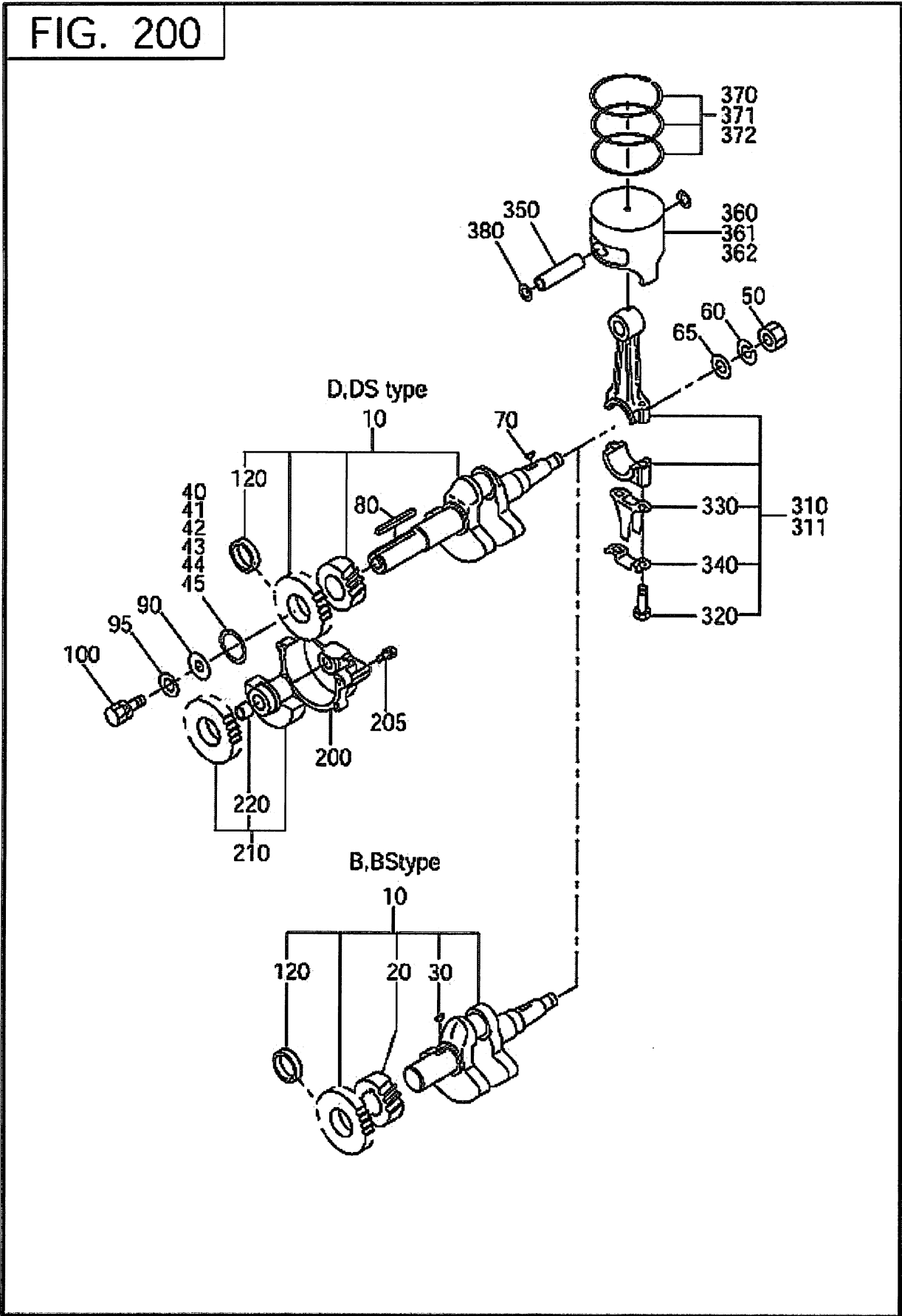
FIG. 100



EY40

224010000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
10	224-10201-11	CRANKCASE CP	1		
20	224-14202-03	VALVE GUIDE	2	Remarks: 8DX13DX50L.	
30	044-03500-90	OIL SEAL	1	Remarks: 35DX48DX8B.	
40	060-03500-10	BALL BEARING	1	Remarks: 35DX72DX17B.	
50	005-26081-80	DOWEL PIN	2	End Code: 7121. Remarks: 8DX18L.	
50	031-00801-00	DOWEL PIN	2	Start Code: 7122. Remarks: 8DX20L.	
60	010-50802-90	STUD	2	M8X1.25X30	
70	010-50602-00	STUD	2	Remarks: M6X1.0X35L.	
80	040-11400-30	PLUG	2	Remarks: M14X1.5X20DX12L.	
90	021-11400-20	GASKET	2	Remarks: 14.1DX19DX2.3T.	
105	010-50800-31	STUD	1		
205	224-75501-03	GROMMET	1	Remarks: 8DX16DX7H.	
210	224-11102-01	MAINBEARING COVER CP	1		
220	044-03500-90	OIL SEAL	1	Remarks: 35DX48DX8B.	
230	060-03500-10	BALL BEARING	1	Remarks: 35DX72DX17B.	
243	208-24101-33	BALANCER SHAFT	1	Start Code: 6666.	
243	208-24101-23	BALANCER SHAFT	1	End Code: 6665. Interchangeable with 208-24101-33.	
247	001-65061-20	BOLT	1	Remarks: M6X1.0X12L.	
248	003-70060-00	GASKET	1	Remarks: 6DX10DX1T.	
270	224-63601-01	OIL GAUGE CP	1	Remarks: M22X1.5 L=64+25.	
275	042-02200-10	PLUG(RUBBER)	1	Remarks: 22.2DX26DX12.5L.	
290	224-15201-03	GASKET	1	Remarks: T=0.3.	
300	001-14083-50	BOLT AND WASHER AY	8	Remarks: M8X1.25X35L W/W,SW.	
330	224-76301-03	OIL GUIDE PLATE	1	End Code: 7213.	
610	224-13301-03	CYLINDER HEAD	1		
620	224-15101-11	GASKET CP(HEAD)	1	Remarks: T=2.5.	
650	002-38100-00	FLANGE NUT	8	Remarks: M10X1.25X19DX9H.	
655	010-51004-00	STUD	4	Remarks: M10X1.25X54L.	
656	010-51004-10	STUD	4	Remarks: M10X1.25X88L.	
810	224-14301-11	TAPPET COVER CP	1		
820	224-14401-01	BREATHER PLATE CP	1		
830	224-15301-13	GASKET(TAPPET COV)	1	Remarks: T=0.8.	
840	224-15401-03	GASKET(TAPPET COVER)	1	Remarks: T=2.0.	
860	011-00600-30	FLANGE BOLT	2	M6X1.0X14	
960	224-99001-17	GASKET SET	1		

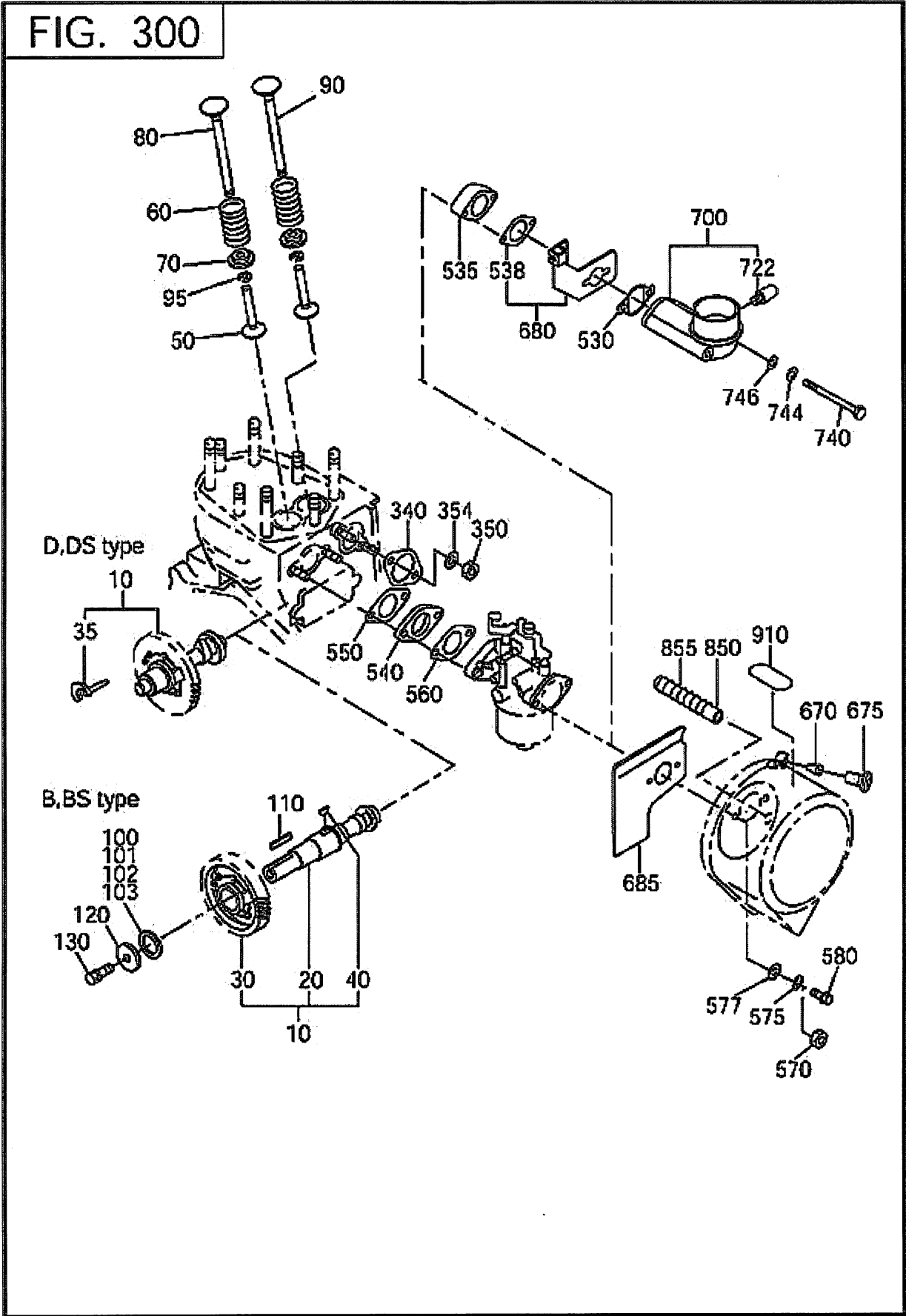


EY40

224020000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
10	224-20502-11	CRANKSHAFT CP	1		
40	023-03501-60	SPACER	1	Remarks: 35.3DX45DX0.6T.	
41	023-03501-70	SPACER	1	Remarks: 35.3DX45DX0.8T.	
42	023-03501-80	SPACER	1	Remarks: 35.3DX45DX1.0T.	
43	023-03502-20	SPACER	1	Remarks: 35.3DX45DX1.2T.	
44	023-03501-90	SPACER	1	Remarks: 35.3DX55DX1.6T.	
45	023-03502-00	SPACER	1	Remarks: 35.3DX55DX1.8T.	
50	002-18180-00	NUT	1	Remarks: M18X1.5X15H.	
60	003-20180-00	SPRING WASHER	1	Remarks: 18.2DX31DX4.6T.	
65	003-10180-00	WASHER	1	Remarks: 19DX32DX2.6T.	
70	005-32044-01	WOODRUFF KEY	1	Remarks: 4BX7.5HX19D.	
120	224-25104-13	SPACER	1	Remarks: 35DX42DX15.7T.	
200	224-14502-03	BALANCER HOLDER	1		
205	001-13083-00	BOLT AND WASHER AY	4	Remarks: M8X1.25X30L W/SW.	
210	224-24301-01	BALANCER CP	1		
220	061-01500-10	NEEDLE BEARING	2		
310	224-22501-10	CONNECTING ROD ASSY	1	Remarks: 120CDX29B 34D-20D.	
311	224-22502-00	CONNECTING ROD ASSY	1	Remarks: 0.25 U.S..	
320	217-23001-13	CONNECTING ROD BOLT	2	Remarks: M8X1.25X46L.	
330	224-23102-03	OIL SCRAIPER	1		
340	224-23201-13	ROD LOCK WASHER	1		
350	224-23301-13	PISTON PIN	1	Start Code: 6666.	
350	224-23301-03	PISTON PIN	1	End Code: 6665. Remarks: 20DX14DX70L. Interchangable with 224-23301-13.	
360	224-23401-33	PISTON	1	Start Code: 6666. Remarks: STD (84DX71H).	
360	224-23401-23	PISTON	1	End Code: 6665. Remarks: STD (84DX71H). Interchangable with 224-23401-33.	
361	224-23402-33	PISTON	1	Start Code: 6666. Remarks: 0.25 O.S. (84DX71H).	
361	224-23402-23	PISTON	1	End Code: 6665. Remarks: 0.25 O.S. (84DX71H). Interchangable with 224-23402-33.	
362	224-23403-23	PISTON	1	End Code: 6665. Remarks: 0.50 O.S. (84DX71H). Interchangable with 224-23403-33.	
362	224-23403-33	PISTON	1	Start Code: 6666. Remarks: 0.50 O.S. (84DX71H).	

370	224-23501-17	PISTON RING SET	1	Remarks: STD(84D).
371	224-23502-17	PISTON RING SET	1	Remarks: 0.25 O.S.(84D).
372	224-23503-17	PISTON RING SET	1	Remarks: 0.50 O.S.(84D).
380	056-52200-11	CLIP	2	Remarks: 19.8DX1.6D.



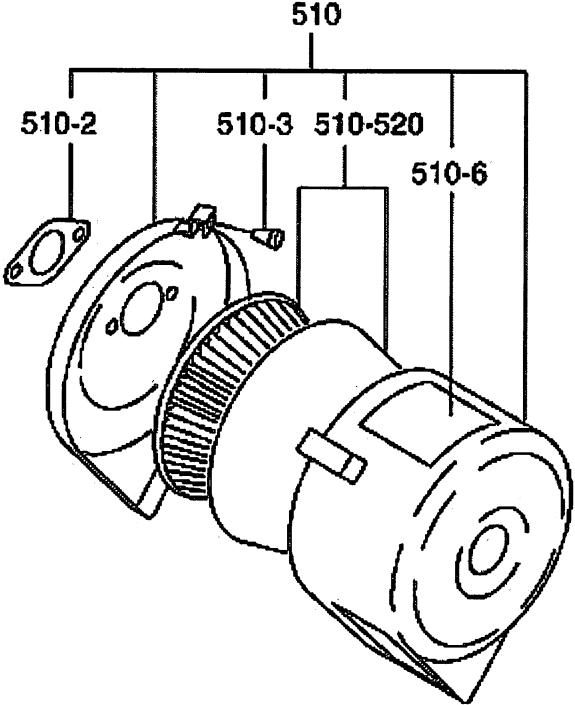
EY40

224030000W01

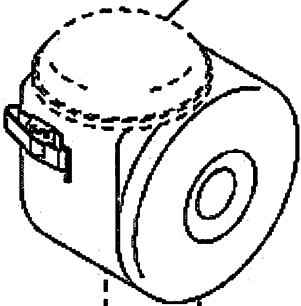
Ref #	Part #	Description	Qty	Context Note	Foot Note
10	224-31701-01	CAM SHAFT CP	1	Remarks: L=156 114DX11B N=38.	
50	224-33301-03	TAPPET	2	Remarks: 26DX8DX55L.	
60	208-33601-13	VALVE SPRING	2		
70	208-33701-03	SPRING RETAINER	2	Remarks: 8DX25DX6.7T.	
80	224-33401-03	INTAKE VALVE	1	Remarks: 36DX8DX120L.	
90	224-33501-03	EXHAUST VALVE	1	Remarks: 33DX8DX120L.	
95	217-33801-03	RETAINER LOCK	2	Remarks: 5.5WX13.2DX2.5T.	
340	224-35101-11	GASKET CP (EXHAUST)	1	Remarks: T=1.5 30D 9DX55P.	
350	017-00800-30	NUT	2	Remarks: M8X1.25X6.5H.	
540	224-32901-03	INSULATOR	1	Remarks: T=7 28D 6.5DX46P.	
550	224-35202-13	GASKET (INSULATOR)	1	Remarks: T=0.8 29D 6.5DX46P.	
560	208-36003-03	GASKET 2 (INSULATOR)	1	Remarks: T=0.2 28D 6.5DX46P.	
580	011-00600-20	FLANGE BOLT	2	M6X1.0X12	
670	024-10200-10	GROMMET	1	Remarks: 2DX6DX12H.	
675	207-43904-01	KNOB COMPL	1	Remarks: 17DX100L.	
850	085-11200-10	RUBBER PIPE	1	Remarks: 12.5DX16DX100L. Interchangable with 085-11200-00.	

FIG. 310

CYCLONE



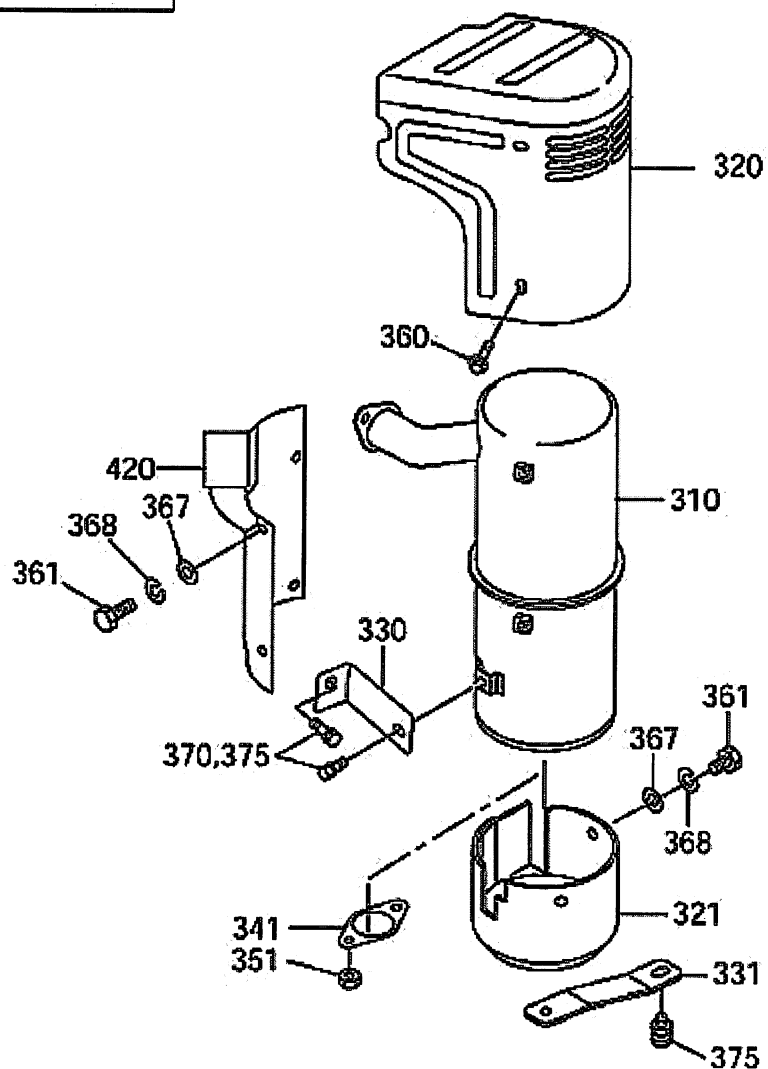
CHIMNEY



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Ref #	Part #	Description	Qty	Context Note	Foot Note
510	224-32615-00	AIR CLEANER AY	1	Remarks: CYCLONE.	
510	207-32721-08	PACKING	1		
510	207-32690-08	GROMMET	1		
510	207-32606-18	ELEMENT SET	1	Remarks: CYCLONE.	

FIG. 330

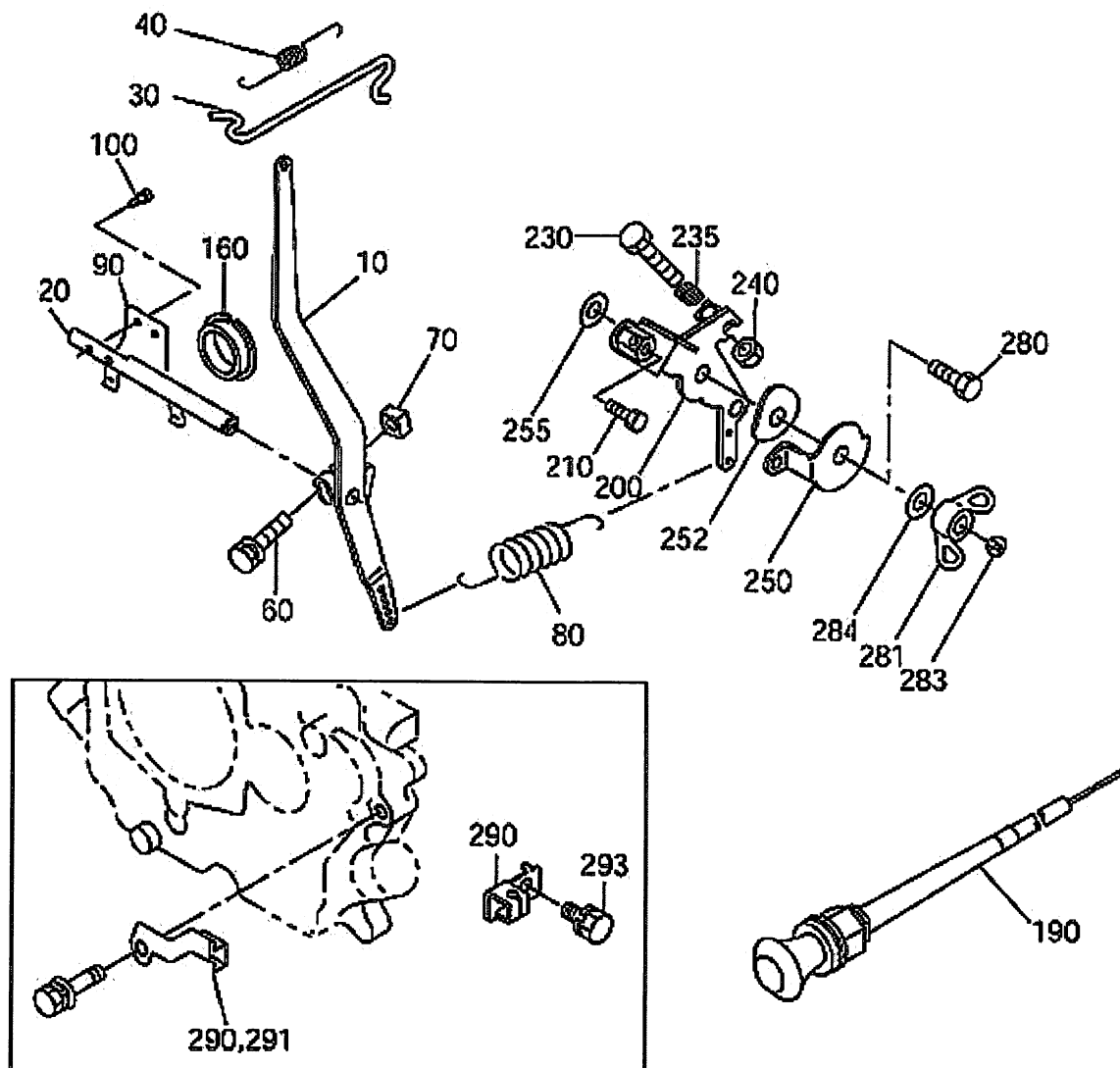


EY40

224033000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
310	224-30102-01	MUFFLER CP	1		
320	224-34201-01	MUFFLER COVER CP	1		
330	224-35001-01	MUFFLER BRACKET CP	1		
360	011-00600-10	FLANGE BOLT	4	M6X1.10X8	
370	001-11081-60	BOLT AND WASHER AY	2	Remarks: M8X1.25X16L W/SW.	

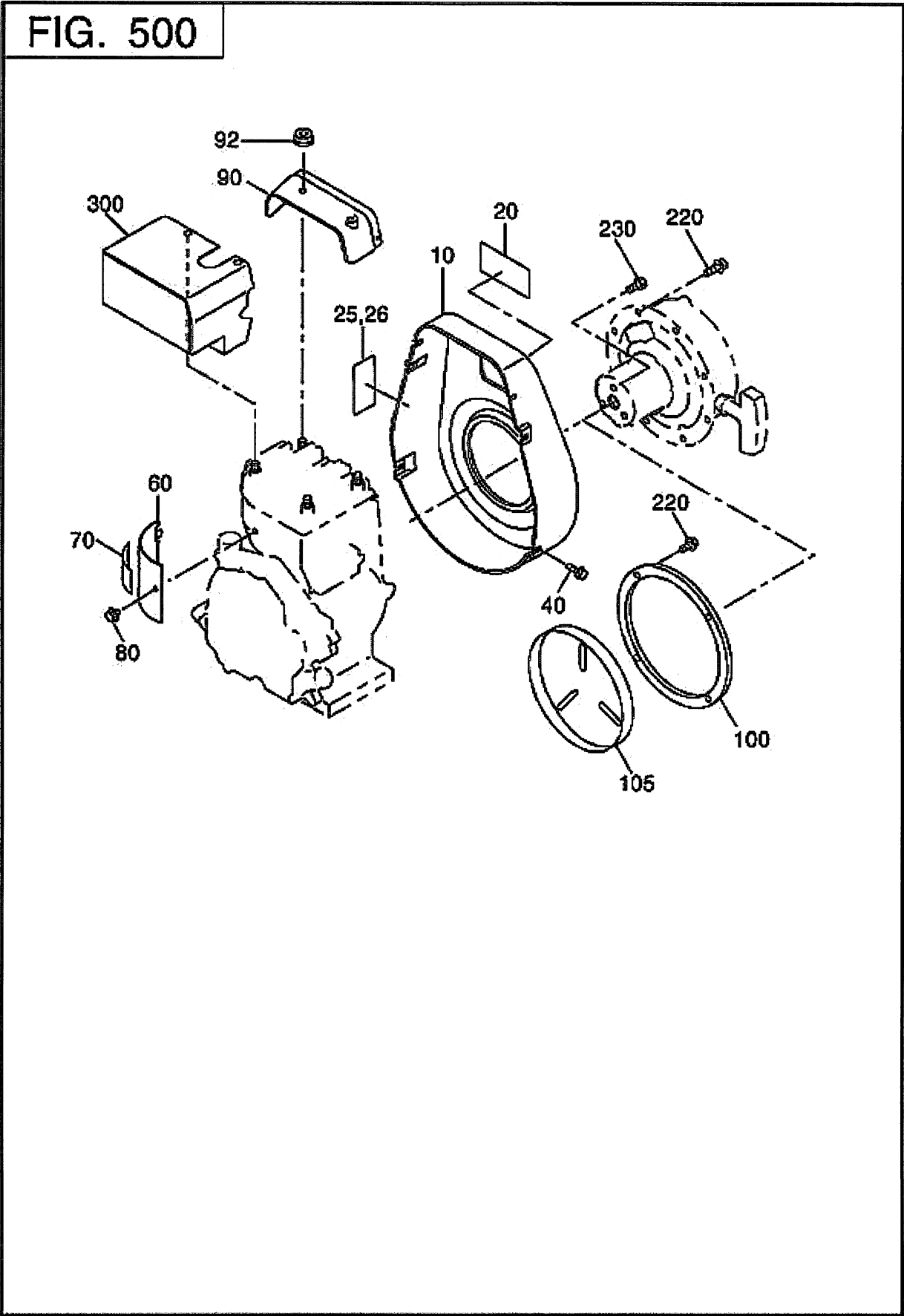
FIG. 400



EY40

224040000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
10	224-42301-01	GOVERNOR LEVER CP	1		
20	224-42201-03	GOVERNOR SHAFT	1		
30	214-42701-01	GOVERNOR ROD CP	1		
40	214-42801-01	ROD SPRING CP	1	Interchangable with 214-42801-03.	
60	001-14062-50	BOLT AND WASHER ASSY	1	M6X1.0X25	
70	018-60600-20	SQUARE NUT	1	M6X1.0X4.9	
80	224-42501-13	GOVERNOR SPRING	1	Remarks: 10DX1.2DX74L N=18.5.	
90	224-42101-13	GOVERNOR YOKE	1		
100	004-35040-80	SCREW AND WASHER AY	2	Remarks: M4X0.7X8L W/SW.	
160	224-41901-03	GOVERNOR SLEEVE	1	Remarks: 35DX46DX54DX12.5T.	
200	224-43304-01	SPEED CONTROL CP	1		
210	011-60400-10	BOLT	1	Remarks: M4X0.7X7.8DX14L.	
230	001-65064-00	BOLT	1	Remarks: M6X1.0X40L.	
240	002-27060-00	NUT	1	Remarks: M6X1.0X3.6H.	
250	207-43505-11	STOP PLATE CP	1		
252	020-00800-10	WASHER	1	Remarks: 8.5DX27DX0.4T.	
255	021-70800-10	FRICTION WASHER	1	Remarks: 8.5DX16DX1.5T NYLON.	
281	017-90800-12	WING NUT	1		
283	056-50400-10	CLIP	1	Remarks: 4DX9DX0.7T.	
284	003-11080-00	WASHER (M8.5X18)	1		
290	224-44201-01	WIRE BRACKET CP	1		

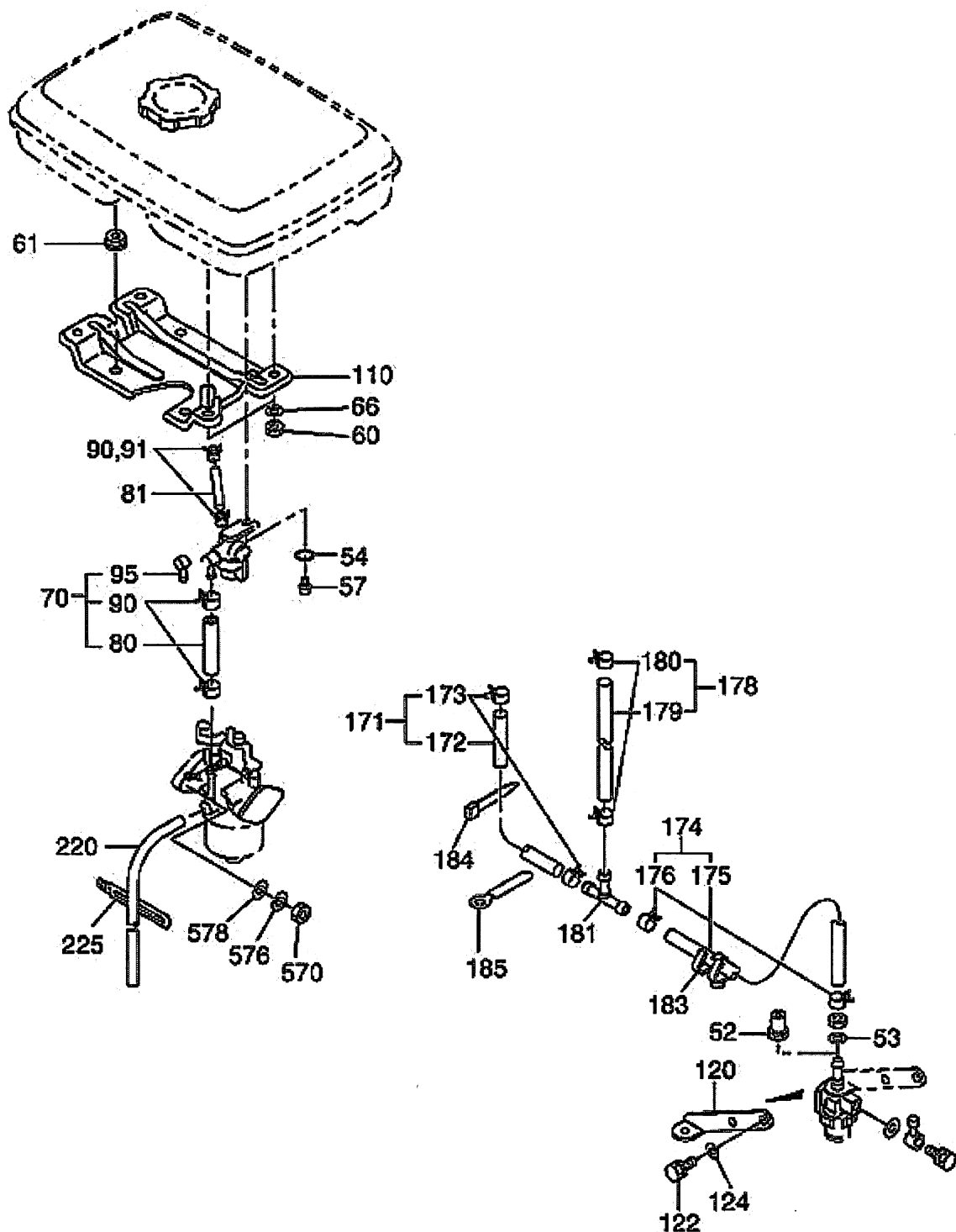


EY40

224050000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
10	224-51203-06	BLOWER HOUSING CP	1	Remarks: D ROBIN YELLOW.	
20	226-91720-03	LABEL(TRADE MARK)	1	Remarks: 50X95.	
40	011-00600-10	FLANGE BOLT	5	M6X1.10X8	
60	224-52701-03	CYLINDER BAFFLE	1		
70	224-91860-03	LABEL (ENGINE NAME)	1	Remarks: 38X38 ENGLISH.	
80	011-00600-10	FLANGE BOLT	1	M6X1.10X8	
90	224-52601-01	HEAD COVER CP	1		
220	011-00600-10	FLANGE BOLT	4	M6X1.10X8	
230	001-65081-20	BOLT (M8X12)	3		

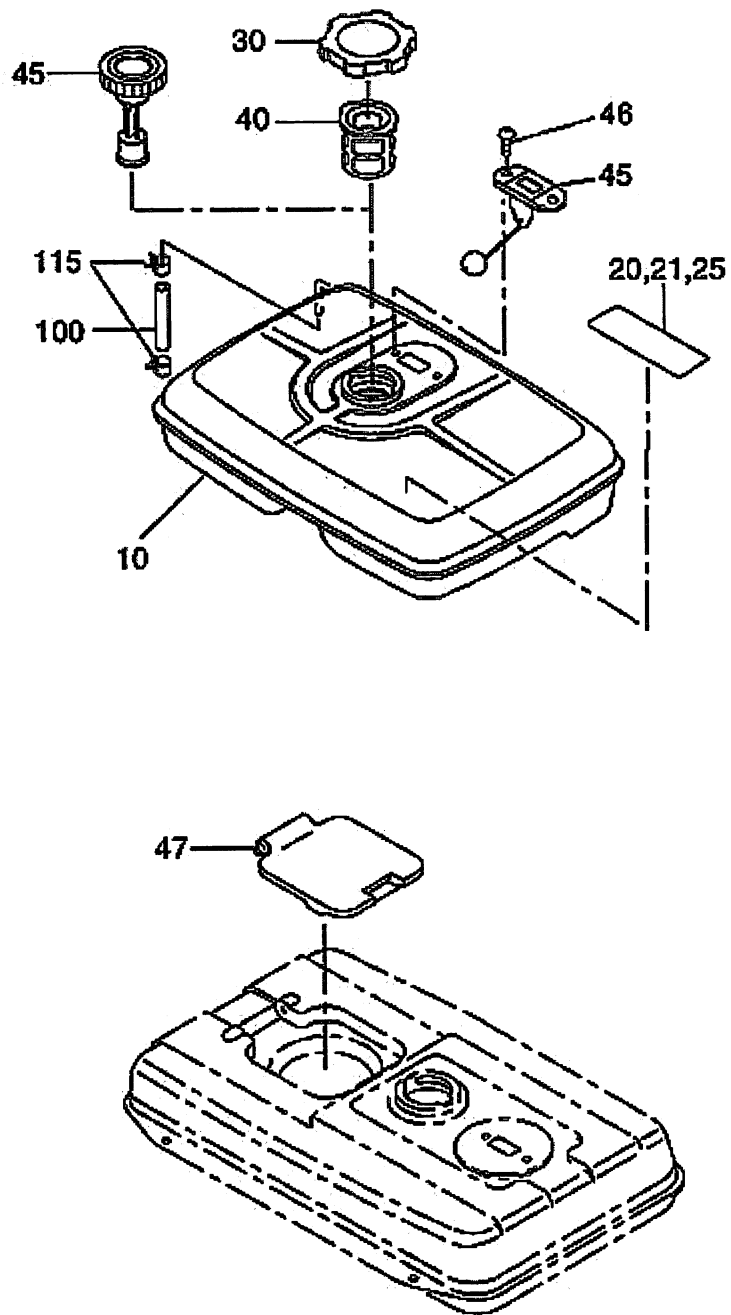
Ref #	Part #	Description	Qty	Context Note	Foot Note
210	227-50152-08	SET SCREW	1		
210	224-50102-10	RECOIL STARTER AY	1	Remarks: D 200PD.	
210	246-50115-08	SPIRAL SPRING	1		
210	224-50126-08	REEL	1		
210	207-50110-08	STARTER ROPE	1		
210	206-50101-08	STARTER KNOB	1		
210	246-50125-08	RATCHET	2		
210	246-50130-08	FRICTION SPRING	1		
210	227-50135-08	RETURN SPRING	2		
210	246-50160-08	RATCHET GUIDE	1		
210	224-50150-08	STARTER PULLEY	1		

FIG. 600

EY40

224060000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
54	003-10060-00	WASHER	1	Remarks: 6.5DX11.5DX0.8T.	
57	001-10061-20	BOLT AND WASHER AY	1	Remarks: M6X1.0X12L W/SW.	
60	002-17080-00	NUT	4	Remarks: M8X1.25X6.5H.	
61	002-38100-00	FLANGE NUT	4	Remarks: M10X1.25X19DX9H.	
66	003-20080-00	SPRING WASHER	4	Remarks: 8.2DX15.4DX2T.	
80	085-10606-80	RUBBER PIPE	1	Remarks: 6DX12DX78L. Interchangeable with 085-10600-00.	
81	085-10602-30	RUBBER PIPE	1	Remarks: 6DX12DX100L. Interchangeable with 085-10600-00.	
90	056-11100-20	HOSE CLAMP	4	Remarks: 11.5DX8BX0.7T.	
110	224-61601-01	FUEL TANK BRACKET CP	1		
570	002-27060-00	NUT	2	Remarks: M6X1.0X3.6H.	
576	003-20060-00	SPRING WASHER	2	Remarks: 6.1DX12.2DX1.5T.	
578	003-10060-00	WASHER	2	Remarks: 6.5DX11.5DX0.8T.	

FIG. 610

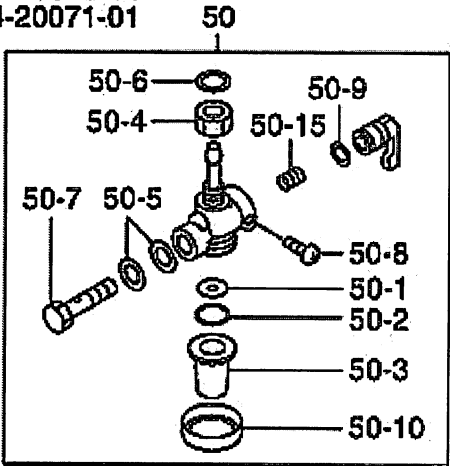
EY40

224061000W01

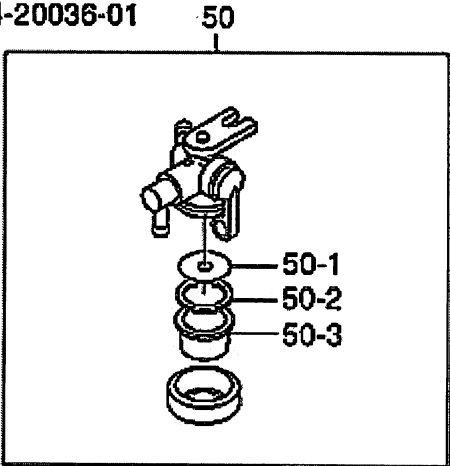
Ref #	Part #	Description	Qty	Context Note	Foot Note
10	224-60101-11	FUEL TANK CP	1	End Code: 6940. Remarks: 6L ROBIN YELLOW.	
20	073-20044-50	LABEL(CAUTION)	1	Start Code: 6941. Remarks: 38X70 ILLUSTR.	
20	073-20044-50	LABEL(CAUTION)	1	End Code: 6940. Remarks: 38X70 ILLUSTR.	
30	043-04300-15	FUEL TANK CAP CP	1	Remarks: 42.5DX68DX14H.	
40	064-13600-10	FUEL FILTER	1	Remarks: 36DX46DX43H.	

FIG. 630

064-20021-01
064-20023-01
064-20023-11
064-20071-01

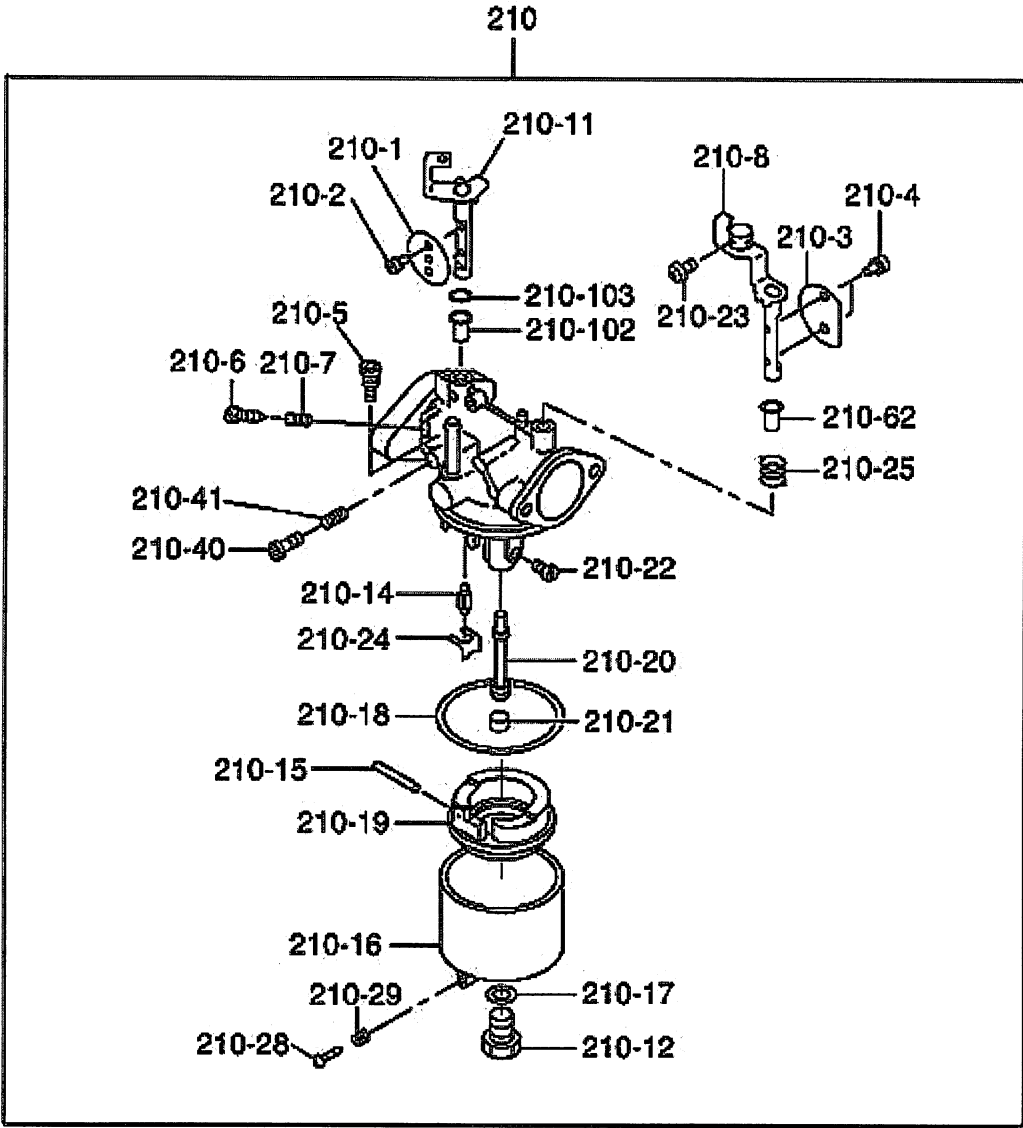


064-20036-01



Ref #	Part #	Description	Qty	Context Note	Foot Note
50	064-20036-10	CUP	1		
50	064-20030-30	RUBBER PACKING	1		
50	064-20036-01	FUEL STRAINER AY	1	Interchangable with 064-20107-00.	
50	064-20002-20	FILTER	1		

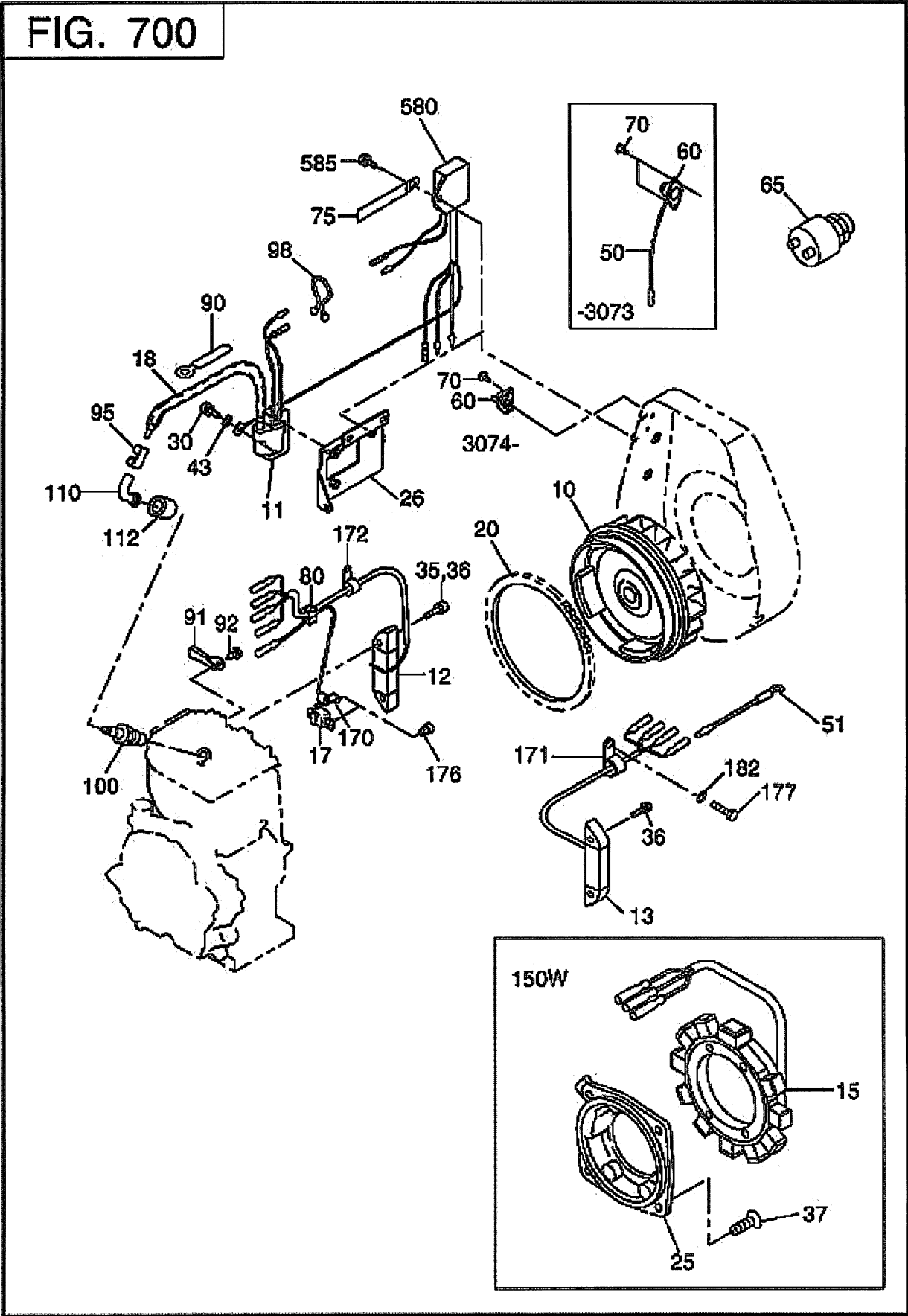
FIG. 640



EY40

224064000W01

Ref #	Part #	Description	Qty	Context	Note	Foot	Note
210-15	214-62515-08	PIN	1				
210-3	224-62525-08	CHOKE VALVE	1				
210-4	209-62351-08	SCREW	2				
210-5	224-62420-08	PILOT JET	1				
210-6	209-62305-08	PILOT SCREW	1				
210-7	206-62446-08	SPRING	1				
210-8	224-62520-08	SHAFT AY(CHOKE)	1				
210-11	224-62530-08	SHAFT AY(THROTTLE)	1				
210-14	224-62312-18	NEEDLE-A	1				
210-0	224-62301-00	CARBURETOR AY	1				
210-16	224-62552-08	FLOAT CHAMBER BODY	1				
210-17	207-62345-08	INSERT WASHER	1				
210-18	206-62540-08	PACKING	1				
210-19	224-62507-08	FLOAT AY	1				
210-20	224-62555-08	MAIN NOZZLE AY	1				
210-22	109-62404-08	REVERSE MAIN JET	1				
210-23	209-62354-08	CROSS SCREW	1				
210-24	239-62550-08	CLIP	1				
210-12	224-62543-08	BOLT	1				
210-2	209-62351-08	SCREW	2				
210-1	224-62535-08	THROTTLE VALVE	1				
210-40	224-62452-08	SCREW	1				
210-41	206-62446-08	SPRING	1				

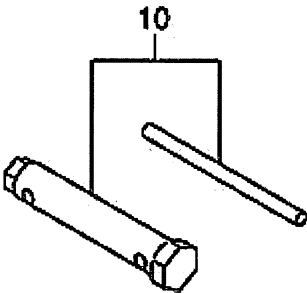


EY40

224070000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
10	224-70173-08	FLYWHEEL	1	Remarks: MARK FF1072.	
11	224-72203-11	IGNITION COIL CP	1	Remarks: MARK 4903.	
12	224-70135-08	EXCITER COIL	1		
17	224-70150-08	PULSEA COIL	1		
30	004-35062-50	SCREW AND WASHER AY	2	Remarks: M6X1.0X25L W/SW.	
35	004-35062-00	SCREW AND WASHER AY	2	Remarks: M6X1.0X20L W/SW.	
43	003-10060-00	WASHER	2	Remarks: 6.5DX11.5DX0.8T.	
50	214-73201-01	WIRE 1 CP	1	End Code: 3073. Remarks: L=60 BLACK.	
60	066-20000-11	STOP BUTTON	1	End Code: 3073. Interchangable with 066-99002-17.	
60	066-00003-71	SWITCH AY	1	Start Code: 3074. End Code: 7183.	
60	066-00004-80	SWITCH AY	1	Start Code: 7184.	
70	015-00400-90	TAPPING SCREW	2	M4X12	
70	015-00400-10	TAPPING SCREW	2	End Code: 3073. Remarks: M4X8L.	
75	056-60002-50	CLAMP	2	Remarks: 6.5DX10BX95LX0.6T.	
80	024-10900-50	GROMMET	1		
90	056-61000-21	CLAMP	1	Remarks: 10DXM6X15LX0.6T.	
91	224-77002-01	WIRE CLAMP CP	1		
92	011-00600-20	FLANGE BOLT	1	M6X1.0X12	
100	065-01402-70	SPARK PLUG	1	Remarks: NGK BPR4HS.	
110	065-50000-51	SPARK PLUG CAP	1		
170	205-78201-01	CLAMP CP	1		
176	004-35041-20	SCREW AND WASHER AY	2	Remarks: M4X0.7X12L W/SW.	
580	224-72250-01	KTR UNIT	1		
585	011-00600-50	FLANGE BOLT	1	M6X1.0X20	

FIG. 900



Ref #	Part #	Description	Qty	Context	Note	Foot	Note
10	227-90301-10	ACCESSORY TOOL KIT	1				