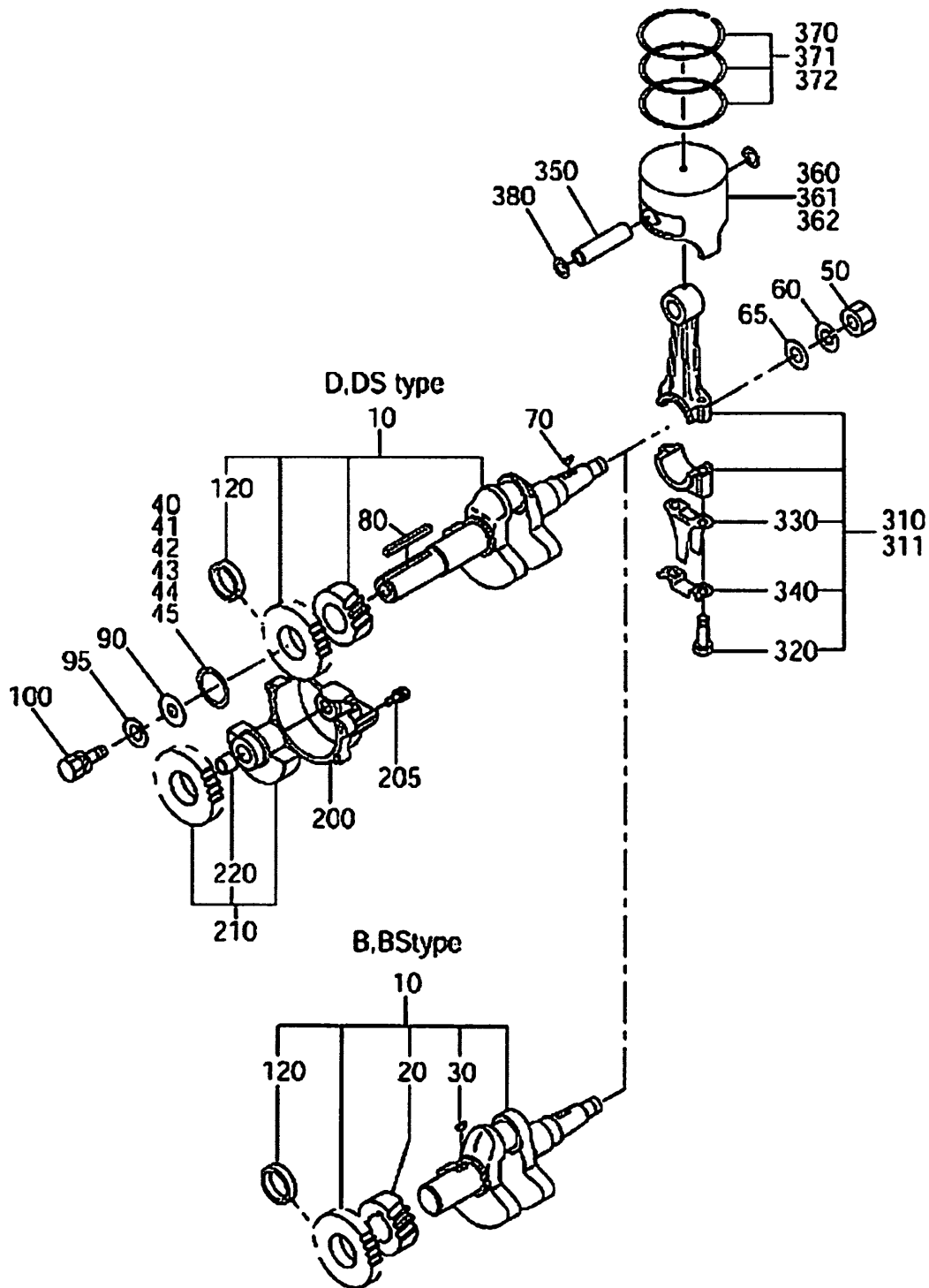


656	010-51004-10	STUD	4	Start Code: 5723. Remarks: M10X1.25X88L.
656	010-51002-80	STUD	4	End Code: 5722. Remarks: M10X1.25X88L.
810	224-14301-11	TAPPET COVER CP	1	
820	224-14401-01	BREATHER PLATE CP	1	
830	224-15301-13	GASKET(TAPPET COV)	1	Start Code: 5631. Remarks: T=0.8.
830	224-15301-03	GASKET(TAPPET COVER)	1	End Code: 5630. 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	

FIG. 200

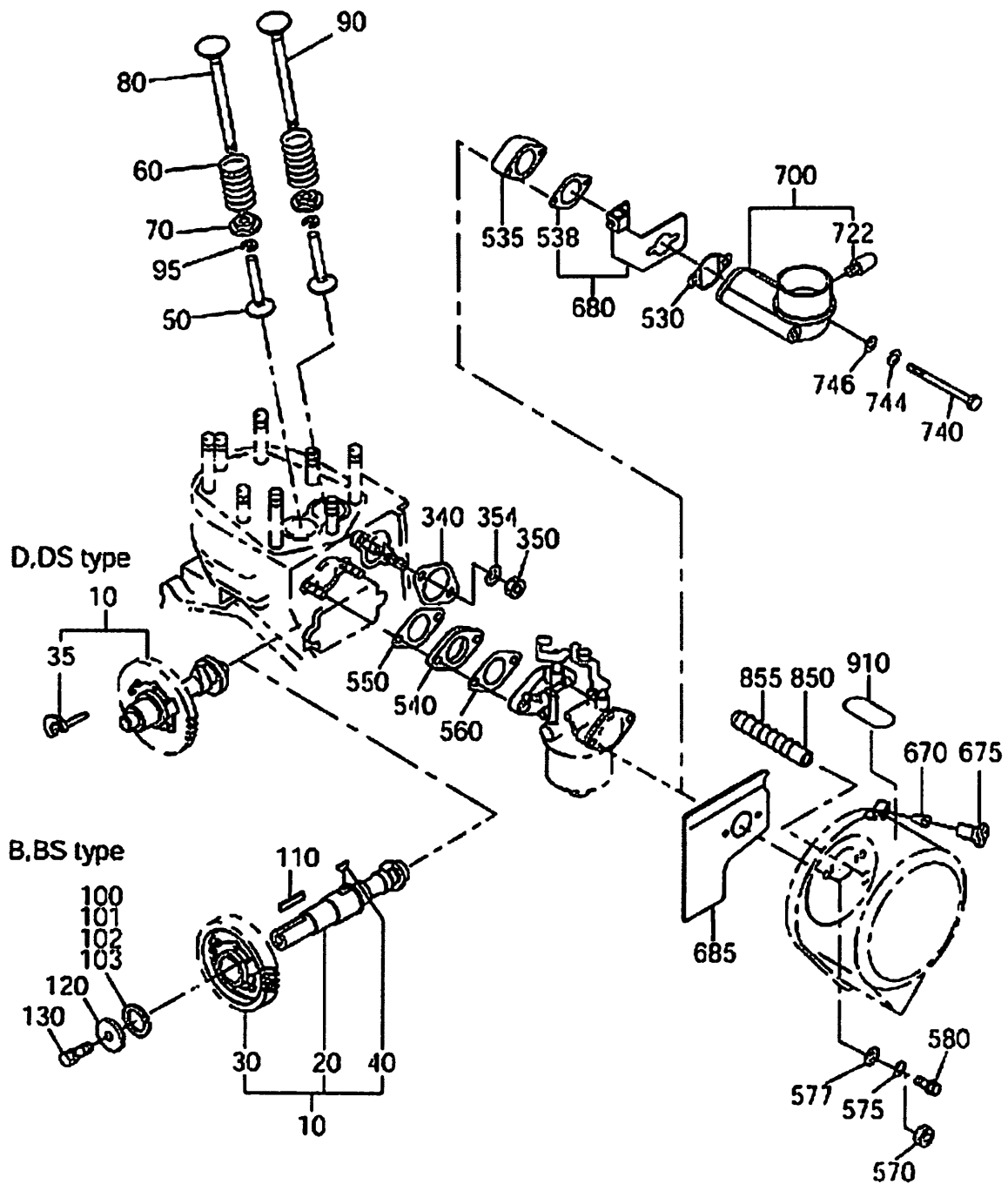


EY40

224020000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
10	224-20702-11	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	224-25103-13	SPACER	1	Remarks: 35DX42DX26.7T.	
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.	

FIG. 300



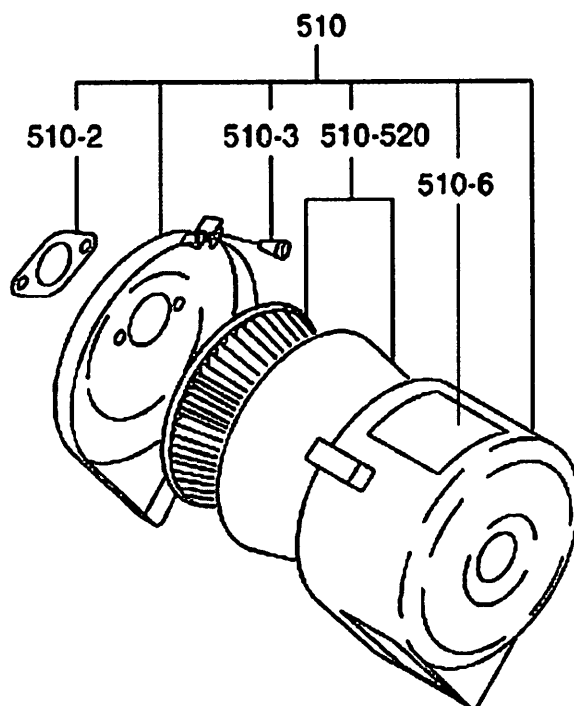
EY40

224030000W01

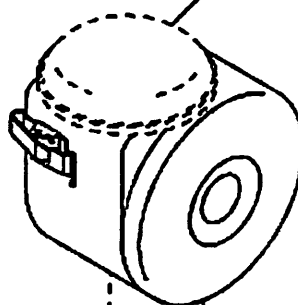
Ref #	Part #	Description	Qty	Context Note	Foot Note
10	224-31701-01	CAM SHAFT CP	1	Remarks: L=156 114DX11B N=38.	
50	224-33301-03	TAPPET	2	Remarks: 26DX8DX55L.	
60	208-33601-13	VALVE SPRING	2		
70	208-33701-03	SPRING RETAINER	2	Remarks: 8DX25DX6.7T.	
80	224-33401-03	INTAKE VALVE	1	Remarks: 36DX8DX120L.	
90	224-33501-03	EXHAUST VALVE	1	Remarks: 33DX8DX120L.	
95	217-33801-03	RETAINER LOCK	2	Remarks: 5.5WX13.2DX2.5T.	
340	224-35101-03	GASKET (EXHAUST)	1	End Code: 5630. Remarks: T=1.6 30D 9DX55P.	
340	224-35101-11	GASKET CP (EXHAUST)	1	Start Code: 5631. 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	Start Code: 5631. Remarks: T=0.8 29D 6.5DX46P.	
550	224-35202-03	GASKET (INSULATOR)	1	End Code: 5630. 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



DUCT

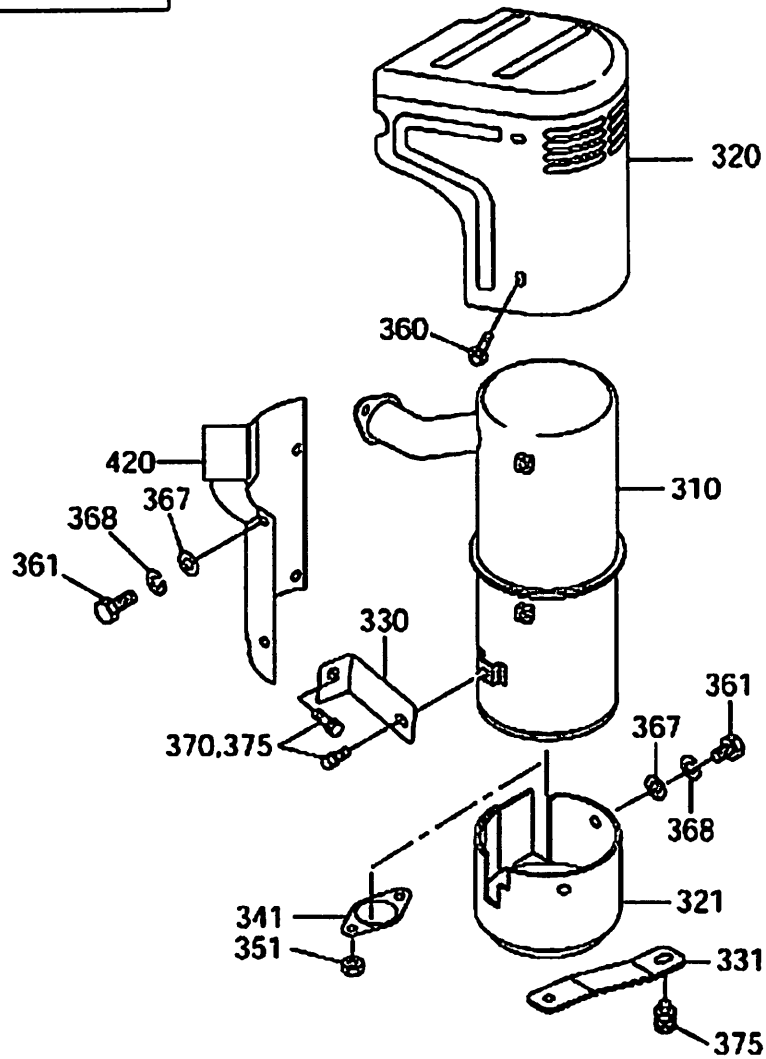


EY40

224031000W01

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

FIG. 330

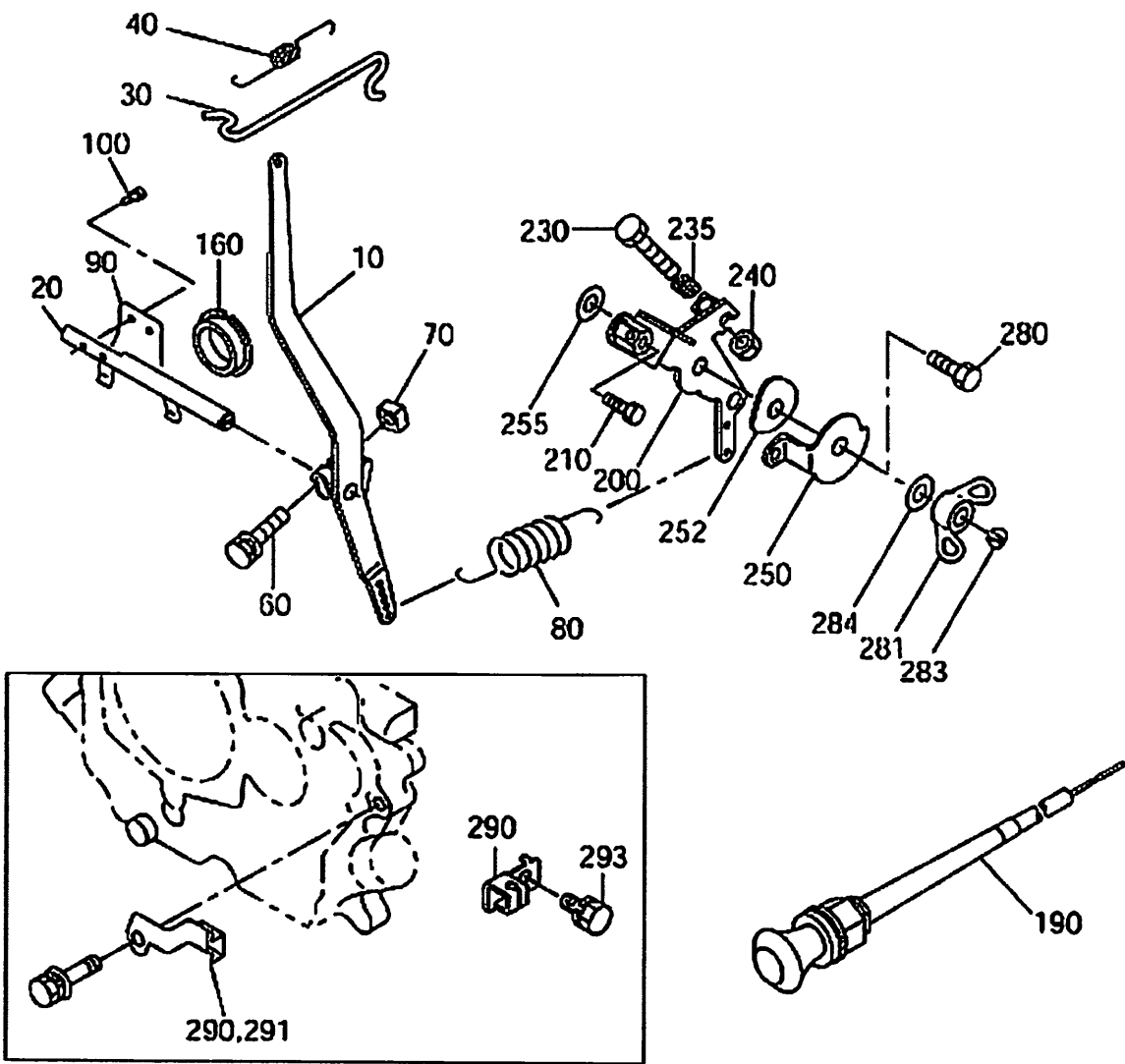


EY40

224033000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
310	224-30121-01	MUFFLER CP	1		
320	224-34221-01	MUFFLER COVER CP	1		
330	224-35021-11	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

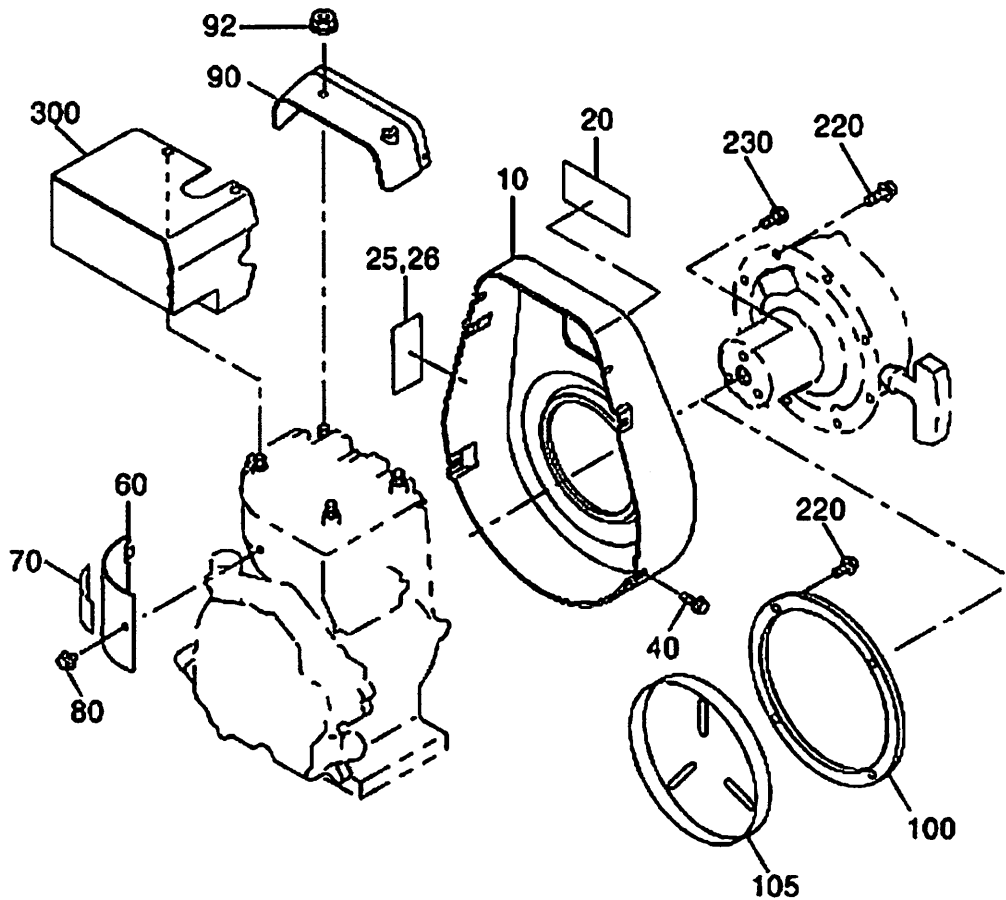


EY40

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	207-43309-01	SPEED CONTROL CP 2	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	206-45101-01	WING NUT CP	1		
283	056-50400-10	CLIP	1	Remarks: 4DX9DX0.7T.	
284	003-11080-00	WASHER (M8.5X18)	1		

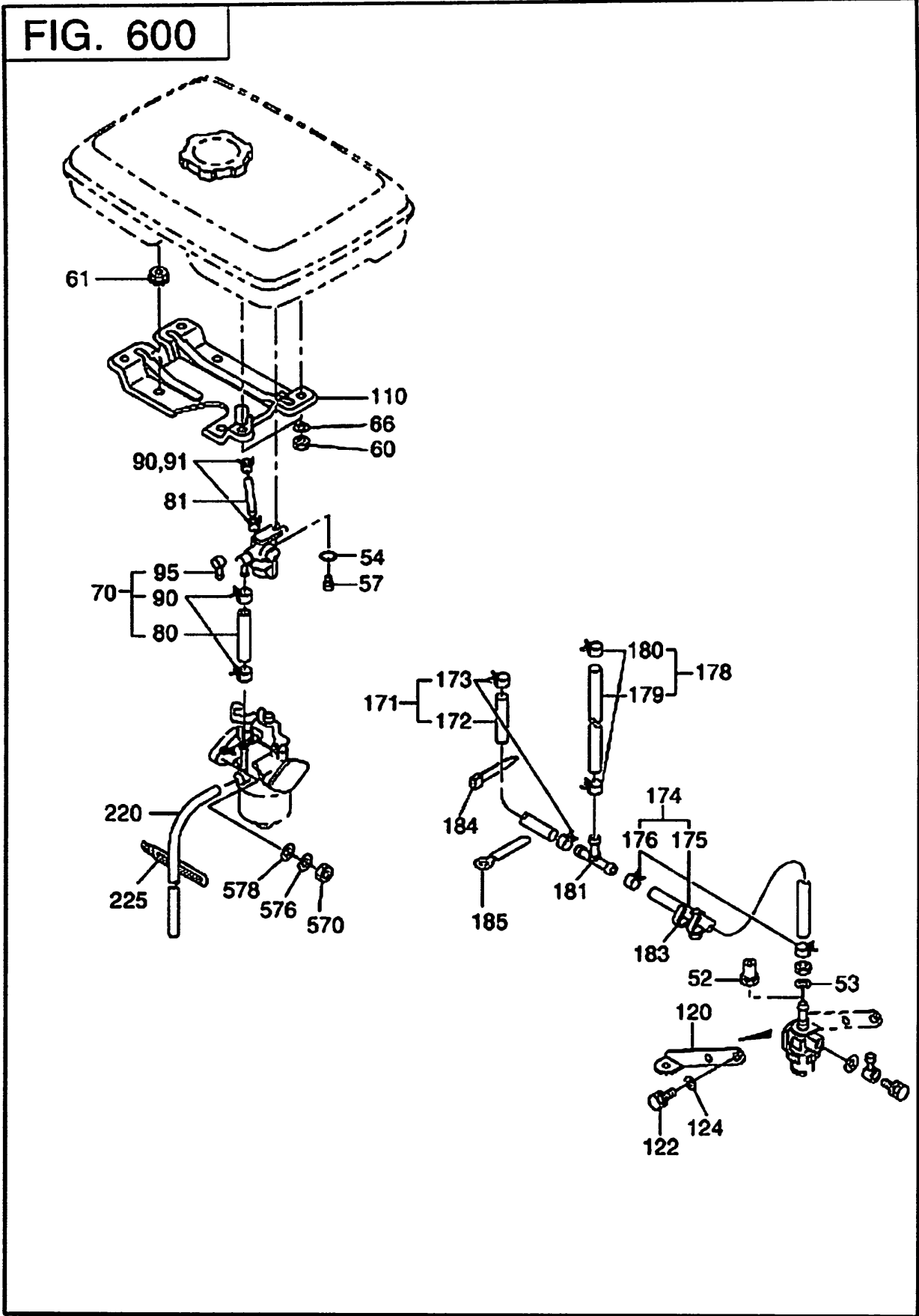
FIG. 500



EY40

224050000W01

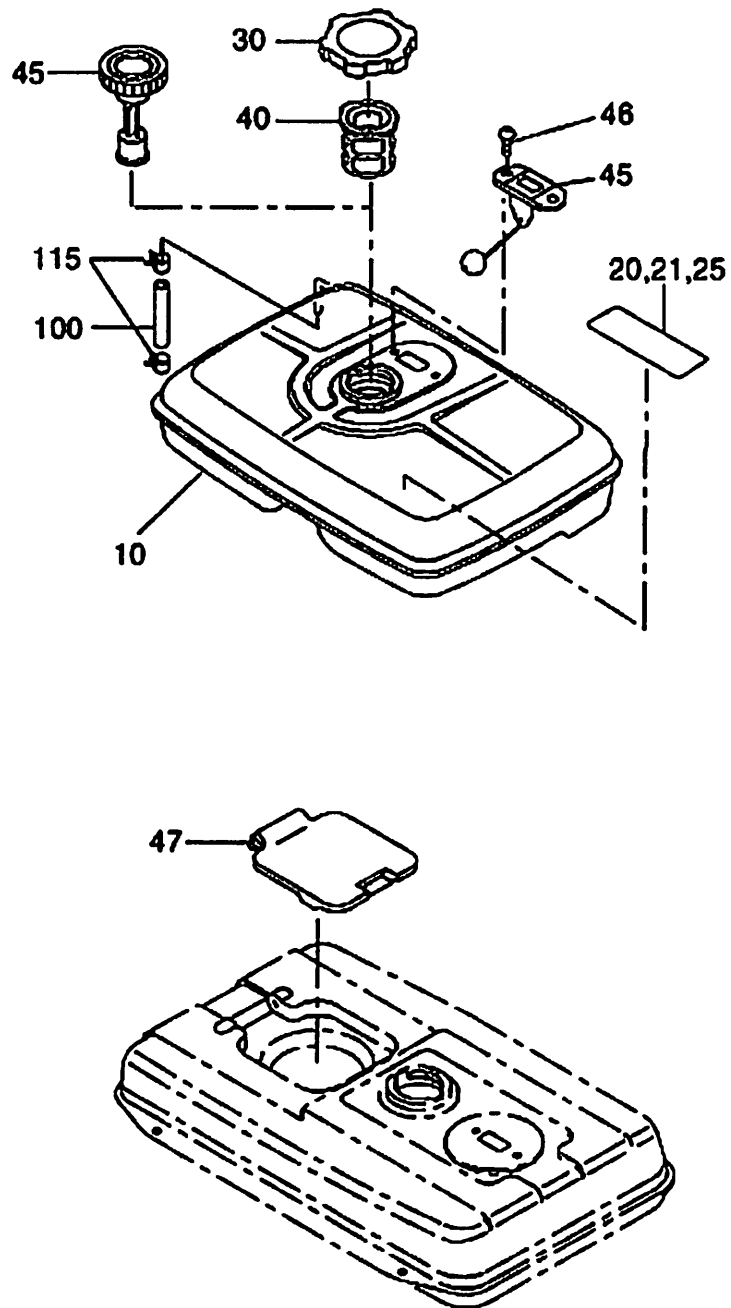
Ref #	Part #	Description	Qty	Context Note	Foot Note
10	224-51222-06	BLOWER HOUSING CP	1		
40	011-00600-10	FLANGE BOLT	5	M6X1.10X8	
60	224-52701-03	CYLINDER BAFFLE	1		
80	011-00600-10	FLANGE BOLT	1	M6X1.10X8	
90	224-52606-01	HEAD COVER CP	1		
100	224-55201-01	PULLEY COVER CP	1		
220	011-00600-10	FLANGE BOLT	4	M6X1.10X8	



EY40

224060000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
61	002-38100-00	FLANGE NUT	4	Remarks: M10X1.25X19DX9H.	
70	224-62624-01	FUEL PIPE 24 CP	1		
80	085-10601-20	RUBBER PIPE	1	Remarks: 6DX12DX175L. Interchangable with 085-10600-00.	
90	056-11100-20	HOSE CLAMP	2	Remarks: 11.5DX8BX0.7T.	
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

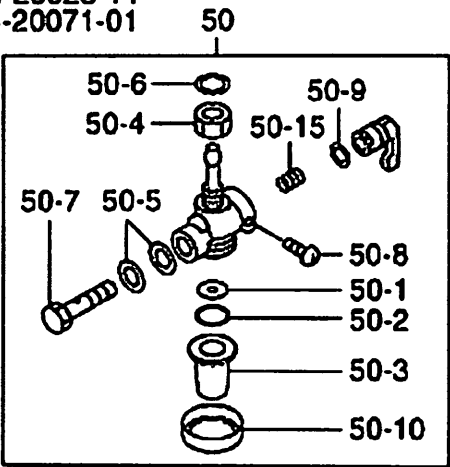
EY40

224061000W01

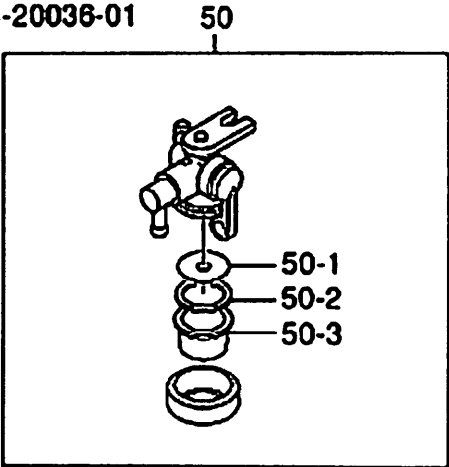
Ref #	Part #	Description	Qty	Context Note	Foot Note
10	224-60801-01	FUEL TANK CP	1		
20	073-20047-80	LABEL(CAUTION)	1	Remarks: 32X192 JAPAN.	
30	043-04400-50	FUEL TANK CAP CP	1	Remarks: 43DX68DX14H BLACK.	
40	064-13600-10	FUEL FILTER	1	Remarks: 36DX46DX43H.	
45	064-80003-00	FUEL GAUGE CP	1		
46	014-50500-40	SCREW (M5X10)	2		
47	227-66101-03	PLUG COVER	1		

FIG. 630

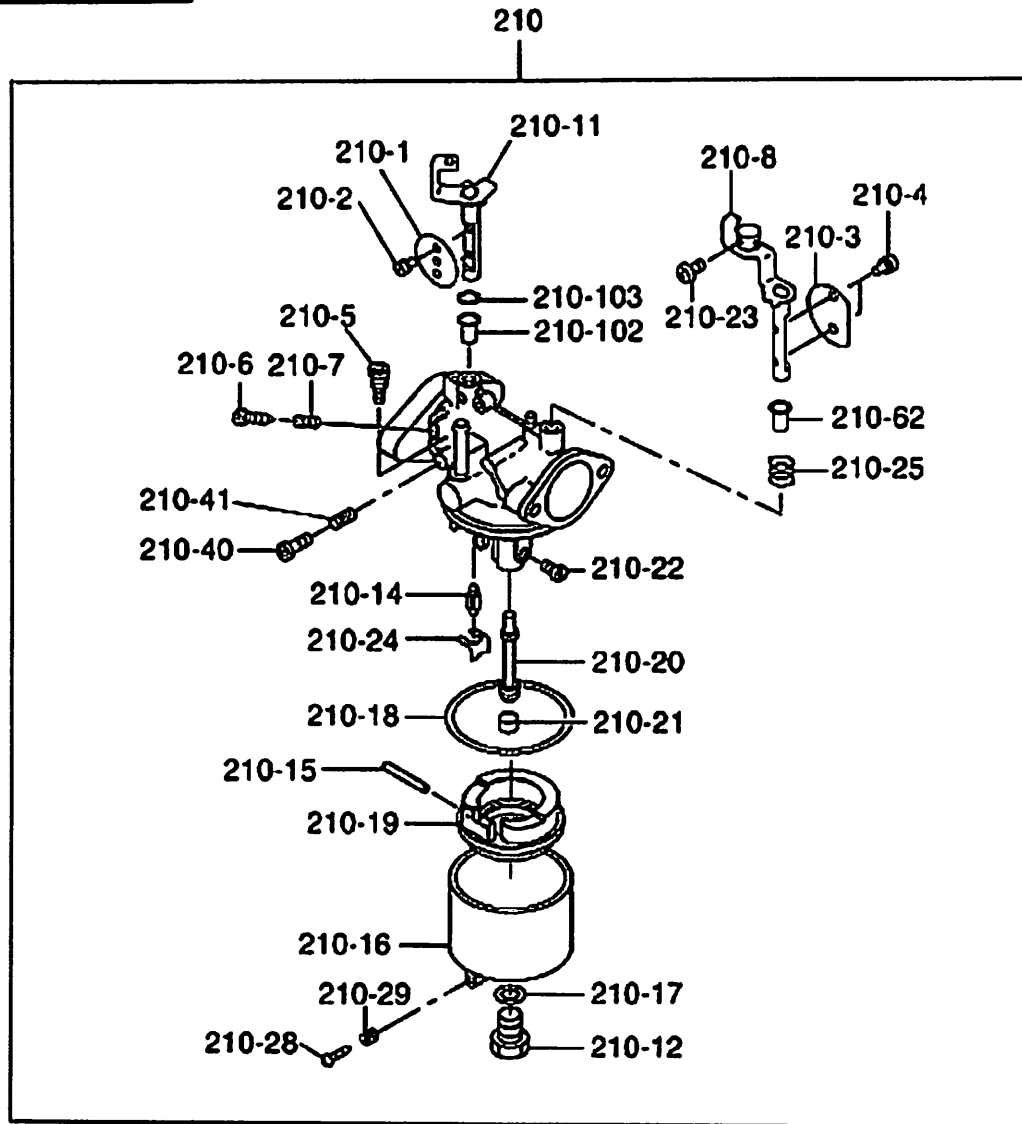
064-20021-01
064-20023-01
064-20023-11
064-20071-01



064-20036-01



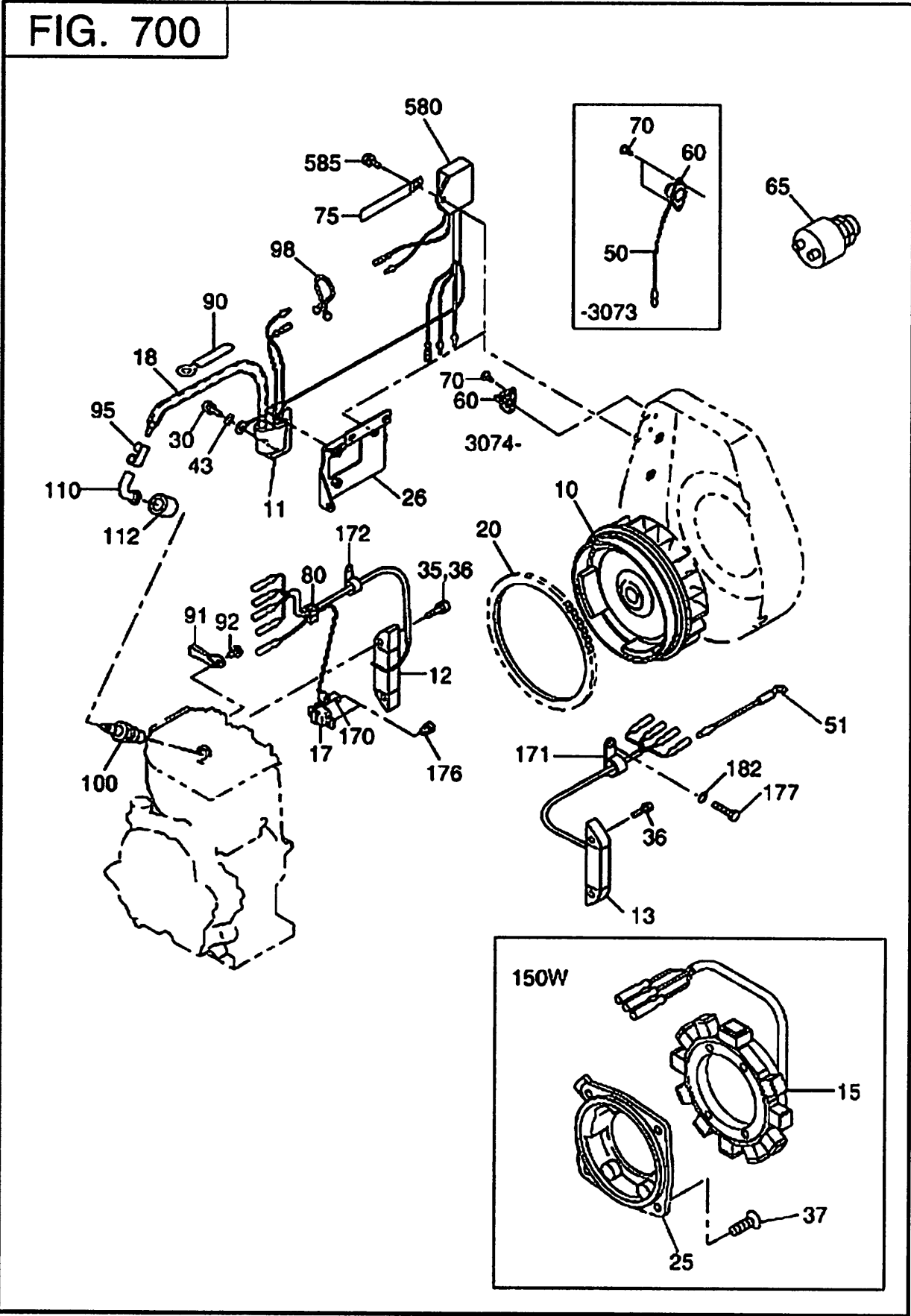
Ref #	Part #	Description	Qty	Context	Note	Foot	Note
50	064-20024-10	LOCK NUT	1				
50	064-20003-30	O-RING	1				
50	064-20002-40	BANJO BOLT	1				
50	064-20003-30	O-RING	1				
50	064-20002-50	FIBER GASKET	2				
50	064-20027-90	BOLT	1				
50	064-20023-01	FUEL STRAINER AY	1				
50	064-20002-20	FILTER	1				
50	064-20002-30	GASKET	1				
50	064-20019-10	CUP	1				
50	064-20023-60	LOCK NUT	1				
50	064-20032-30	SPRING	1				

FIG. 640

EY40

224064000W01

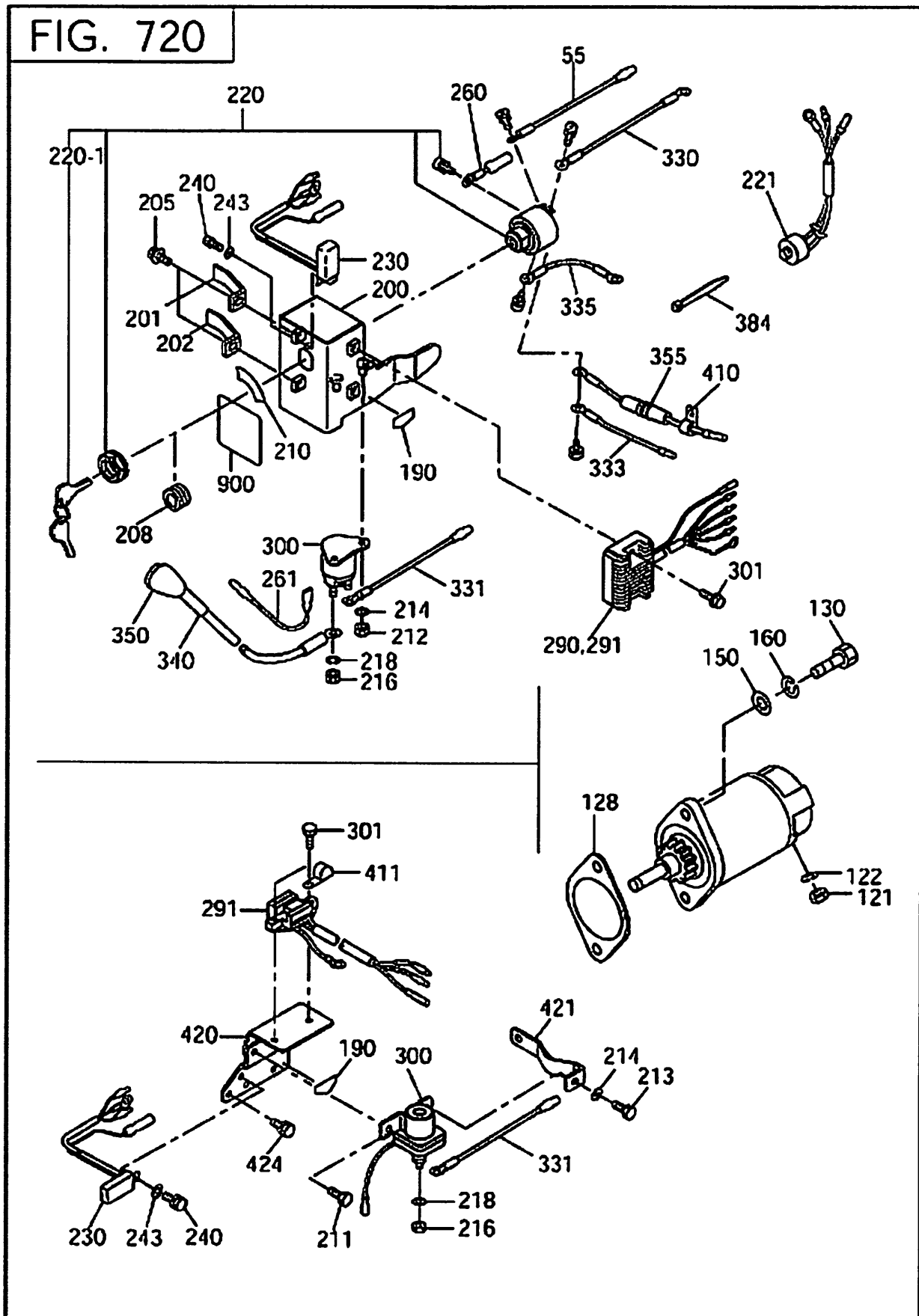
Ref #	Part #	Description	Qty	Context Note	Foot Note
210-16	224-62552-08	FLOAT CHAMBER BODY	1		
210-4	209-62351-08	SCREW	2		
210-5	224-62420-08	PILOT JET	1		
210-6	209-62305-08	PILOT SCREW	1		
210-7	206-62446-08	SPRING	1		
210-8	224-62520-08	SHAFT AY(CHOKE)	1		
210-11	224-62530-08	SHAFT AY(THROTTLE)	1		
210-12	230-62453-08	BOLT	1		
210-2	209-62351-08	SCREW	2		
210-15	214-62515-08	PIN	1		
210-1	224-62535-08	THROTTLE VALVE	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		
210-40	224-62452-08	SCREW	1		
210-41	206-62446-08	SPRING	1		
210-14	224-62312-18	NEEDLE-A	1		
210-3	224-62525-08	CHOKE VALVE	1		
210-0	224-62331-00	CARBURETOR AY	1	Interchangable with 224-62339-00.	



EY40

224070000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
10	224-70123-08	FLYWHEEL	1	Remarks: MARK FF49.	
11	224-72205-11	IGNITION COIL CP	1	Remarks: MARK 4904.	
12	224-70135-08	EXCITER COIL	1		
13	224-70141-08	LAMP COIL	1		
17	224-70150-08	PULSE COIL	1		
20	224-71002-03	RING GEAR	1	Remarks: D 185DX217DX7B N=85.	
35	004-35062-50	SCREW AND WASHER AY	2	Start Code: 6904. Remarks: M6X1.0X25L W/SW.	
35	004-35062-00	SCREW AND WASHER AY	2	Start Code: 5287. End Code: 6903. Remarks: M6X1.0X20L W/SW.	
36	004-35063-00	SCREW AND WASHER AY	2	Remarks: M6X1.0X30L W/SW.	
75	056-60002-50	CLAMP	2	Remarks: 6.5DX10BX95LX0.6T.	
80	024-10900-50	GROMMET	1		
90	056-60002-20	CLAMP	1	Remarks: 10.5DX10BX80LX0.7T.	
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	065-50001-10	SPARK PLUG CAP	1		
170	205-78201-01	CLAMP CP	1		
171	214-79003-01	CLAMP CP	1	Remarks: 10DXM8X18BX0.8T.	
176	004-35041-20	SCREW AND WASHER AY	2	Start Code: 5287. Remarks: M4X0.7X12L W/SW.	
177	001-65081-20	BOLT (M8X12)	1		
182	003-10080-00	WASHER (M8)	1		
580	224-72250-01	KTR UNIT	1		
585	011-00600-50	FLANGE BOLT	1	M6X1.0X20	



EY40

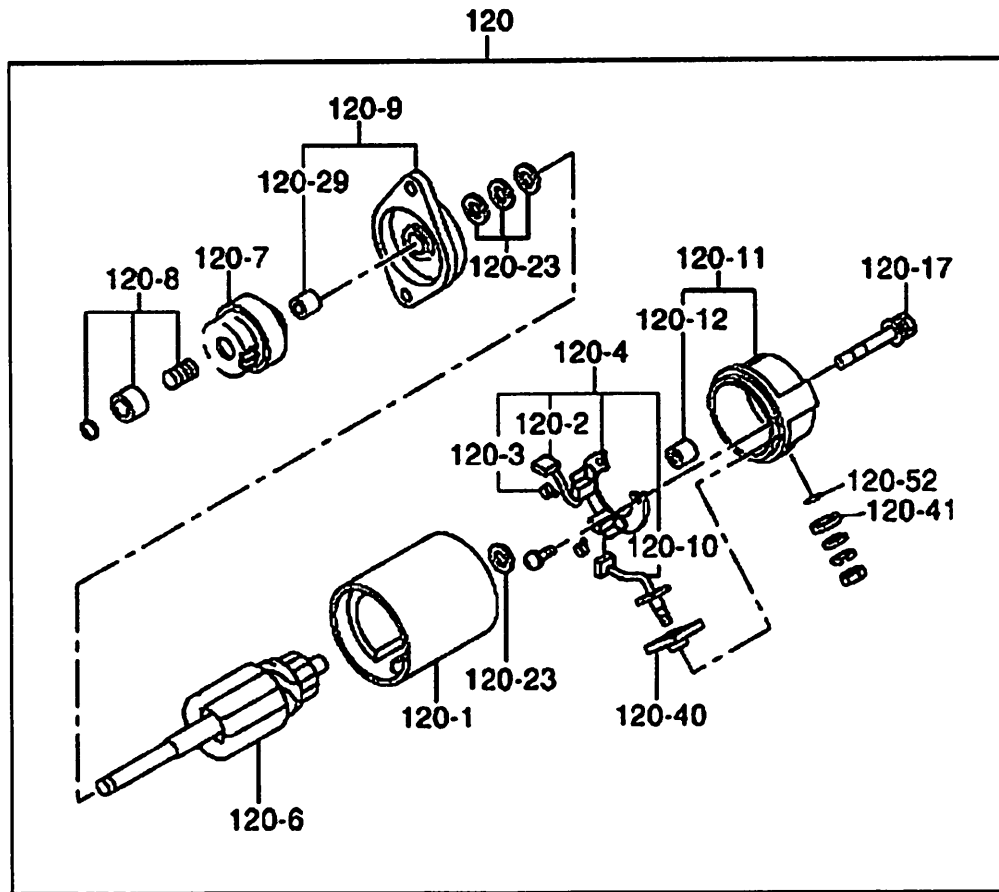
224072000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
55	224-73102-01	WIRE 3 CP	1	Remarks: L=100 BLACK.	
121	002-27060-00	NUT	1	Start Code: 5287. Remarks: M6X1.0X3.6H.	
122	003-20060-00	SPRING WASHER	1	Start Code: 5287. Remarks: 6.1DX12.2DX1.5T.	
130	214-79007-01	BOLT (M8X30)	2		
150	003-10080-00	WASHER (M8)	2		
160	003-20080-00	SPRING WASHER	2	Remarks: 8.2DX15.4DX2T.	
190	073-20044-80	LABEL (BATTERY)	1		
190	073-20044-80	LABEL (BATTERY)	1		
200	224-75101-11	CONTROL BOX CP	1	Start Code: 5845.	
200	224-75101-11	CONTROL BOX CP	1	End Code: 5844.	
201	224-75401-11	BRACKET 1 CP,C.BOX	1		
202	224-75402-11	BRACKET 2 CP,C.BOX	1		
205	011-00600-10	FLANGE BOLT	2	M6X1.10X8	
210	073-20044-60	LABEL(STARTER SWITCH	1	Start Code: 5845.	
210	073-20044-60	LABEL(STARTER SWITCH	1	End Code: 5844.	
212	002-17050-00	NUT	2	M5X0.8	
214	003-20050-00	SPRING WASHER	2	Remarks: 5.1DX9.2DX1.3T.	
216	002-27060-00	NUT	1	Start Code: 5287. Remarks: M6X1.0X3.6H.	
218	003-20060-00	SPRING WASHER	1	Start Code: 5287. Remarks: 6.1DX12.2DX1.5T.	
220	066-00099-80	SWITCH KEY	2	MARK 103	
220	066-00003-30	SWITCH	1		
230	217-71401-01	DIODE RECTIFIER CP	1		
240	004-31061-20	SCREW,PANHEAD	1	Remarks: M6X1.0X12L.	
243	003-20060-00	SPRING WASHER	1	Remarks: 6.1DX12.2DX1.5T.	
260	232-73106-01	WIRE 6 CP	1	Remarks: L=55 RED.	
261	253-73101-01	WIRE 1 CP	1		
300	066-10000-10	MAGNETIC SWITCH	1		
330	232-73105-01	WIRE 5 CP	1	Remarks: L=170 GREEN.	
331	224-73117-01	WIRE 17 CP	1	Remarks: L=120 GREEN.	
335	227-73106-01	WIRE 6 CP	1	Remarks: L=110 BLACK.	
340	214-73101-11	WIRE 1 CP	1	Remarks: L=150 BLACK.	
350	214-78501-03	WIRE CASING	1		
384	056-30000-20	WIRE BAND	1	Remarks: 2.5BX1.2TX100L.	
900	224-91804-13	LABEL(ENGINE NAME)	1	Start Code: 5845. Remarks: 38X38 JAPAN.	

900 224-91804-13 LABEL(ENGINE NAME) 1

End Code: 5844. Remarks: 38X38
JAPAN.

FIG. 730

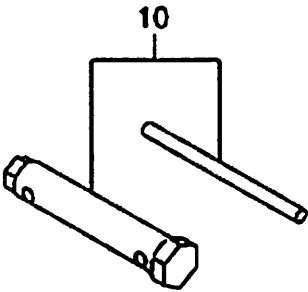


EY40

224073000W01

Ref #	Part #	Description	Qty	Context	Note	Foot	Note
120	235-70565-08	M BUSH (1)	1				
120	235-70566-08	M BUSH (2)	1				
120	246-70580-08	O-RING	1				
120	224-70553-08	STOPPER SET PINION	1				
120	235-70560-08	YOKE AY	1				
120	235-70535-08	BRUSH (+)	1				
120	224-70502-00	STARTING MOTOR AY	1				
120	235-70530-08	HOLDER AY (BRUSH)	1				
120	224-70551-08	PINION AY	1				
120	235-70550-08	ARMATURE AY	1				
120	235-70545-08	SPRING (BRUSH)	2				
120	113-70510-08	CASE METAL	1				
120	246-70505-08	COVER AY REAR	1				
120	214-70560-08	FRONT METAL	1				
120	235-70555-08	WASHER KIT	1				
120	235-70575-08	THROUGH BOLT	2				
120	246-70500-08	COVER ASSY FRONT	1				
120	235-70540-08	BRUSH (-)	1				

FIG. 900

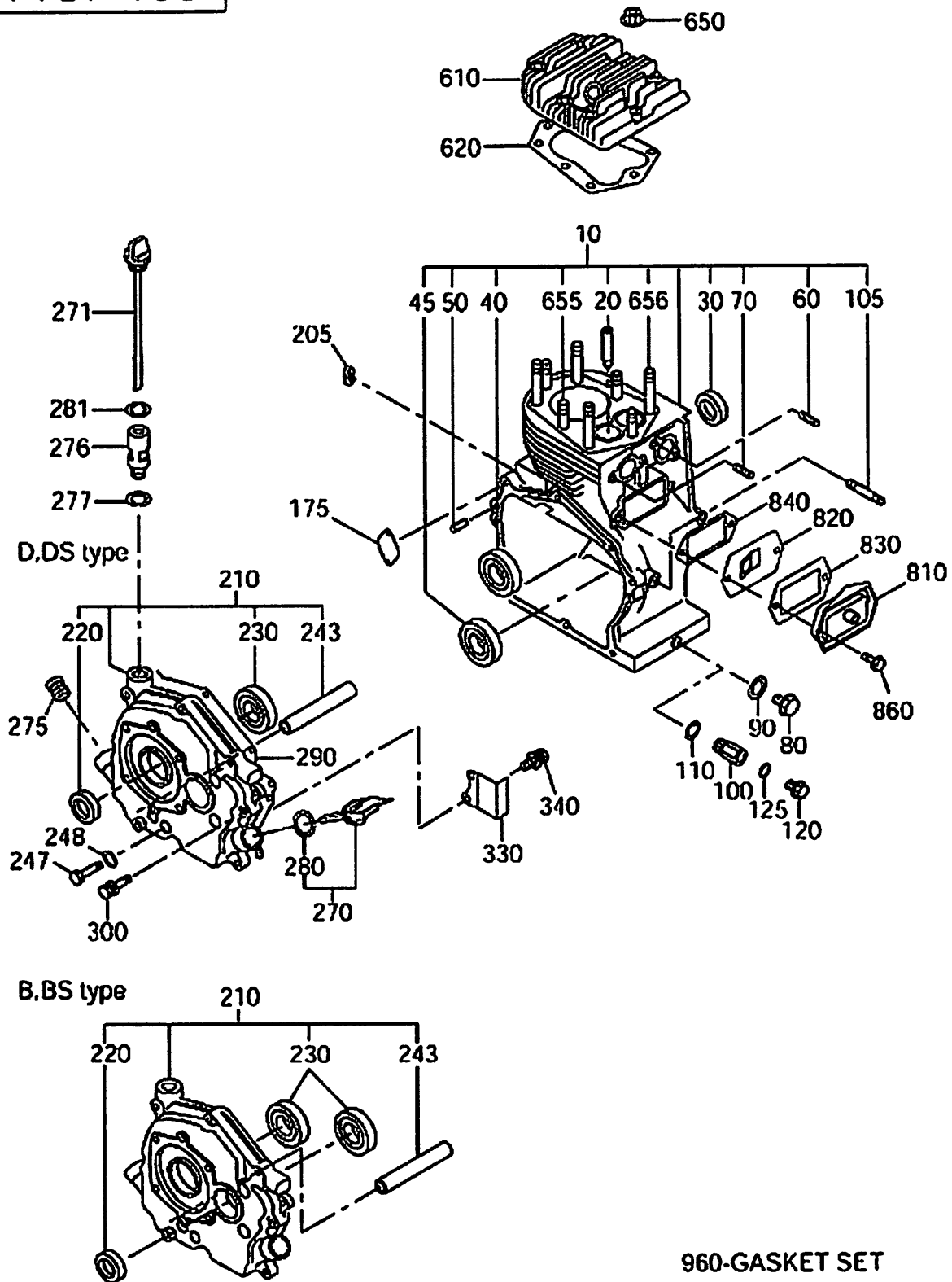


EY40

224090000W01

Ref #	Part #	Description	Qty	Context	Note	Foot	Note
10	224-90303-00	ACCESSORY TOOL KIT	1				

FIG. 100



EY40

224010000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
10	224-10202-01	CRANKCASE CP	1	End Code: 5722.	
10	224-10202-11	CRANKCASE CP	1	Start Code: 5723.	
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	031-00801-00	DOWEL PIN	2	Start Code: 7122. Remarks: 8DX20L.	
50	005-26081-80	DOWEL PIN	2	End Code: 7121. Remarks: 8DX18L.	
60	010-50802-90	STUD	2	M8X1.25X30	
70	010-50602-00	STUD	2	Remarks: M6X1.0X35L.	
80	040-11400-30	PLUG	1	Remarks: M14X1.5X20DX12L.	
90	021-11400-20	GASKET	1	Remarks: 14.1DX19DX2.3T.	
100	050-61400-10	UNION(DRAIN)	1	Remarks: M14XM14X72.5L.	
105	010-50800-31	STUD	1		
110	021-81400-10	SEAL WASHER	1	Remarks: 13.8DX20DX1.2T.	
120	042-01400-11	PLUG,RUBBER	1	Remarks: 14DX20DX11L.	
205	224-75501-03	GROMMET	1	Remarks: 8DX16DX7H.	
210	224-11004-01	MAINBEARING COVER CP	1		
220	044-03500-90	OIL SEAL	1	Remarks: 35DX48DX8B.	
230	060-03500-10	BALL BEARING	1	Remarks: 35DX72DX17B.	
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	Start Code: 5332. Remarks: M22X1.5 L=64+25.	
270	224-63601-03	OIL GAUGE	1	End Code: 5331. Remarks: M22X1.5 L=64+25.	
275	042-02200-10	PLUG(RUBBER)	1	Remarks: 22.2DX26DX12.5L.	
280	021-32000-10	GASKET	1	End Code: 5331. Remarks: 20DX27DX1.5T RUBBER. Interchangeable with 021-32000-50.	
280	021-32000-10	GASKET	1	Start Code: 5332. End Code: 5336. Remarks: 20DX27DX1.5T RUBBER. Interchangeable with 021-32000-50.	
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.	
610	224-13401-03	CYLINDER HEAD	1		
620	224-15101-03	GASKET (HEAD)	1	End Code: 5630.	
620	224-15101-11	GASKET CP (HEAD)	1	Start Code: 5631. Remarks: T=2.5.	
650	002-38100-00	FLANGE NUT	8	Remarks: M10X1.25X19DX9H.	
655	010-51002-70	STUD	4	End Code: 5722. Remarks: M10X1.25X54L.	
655	010-51004-00	STUD	4	Start Code: 5723. Remarks: M10X1.25X54L.	