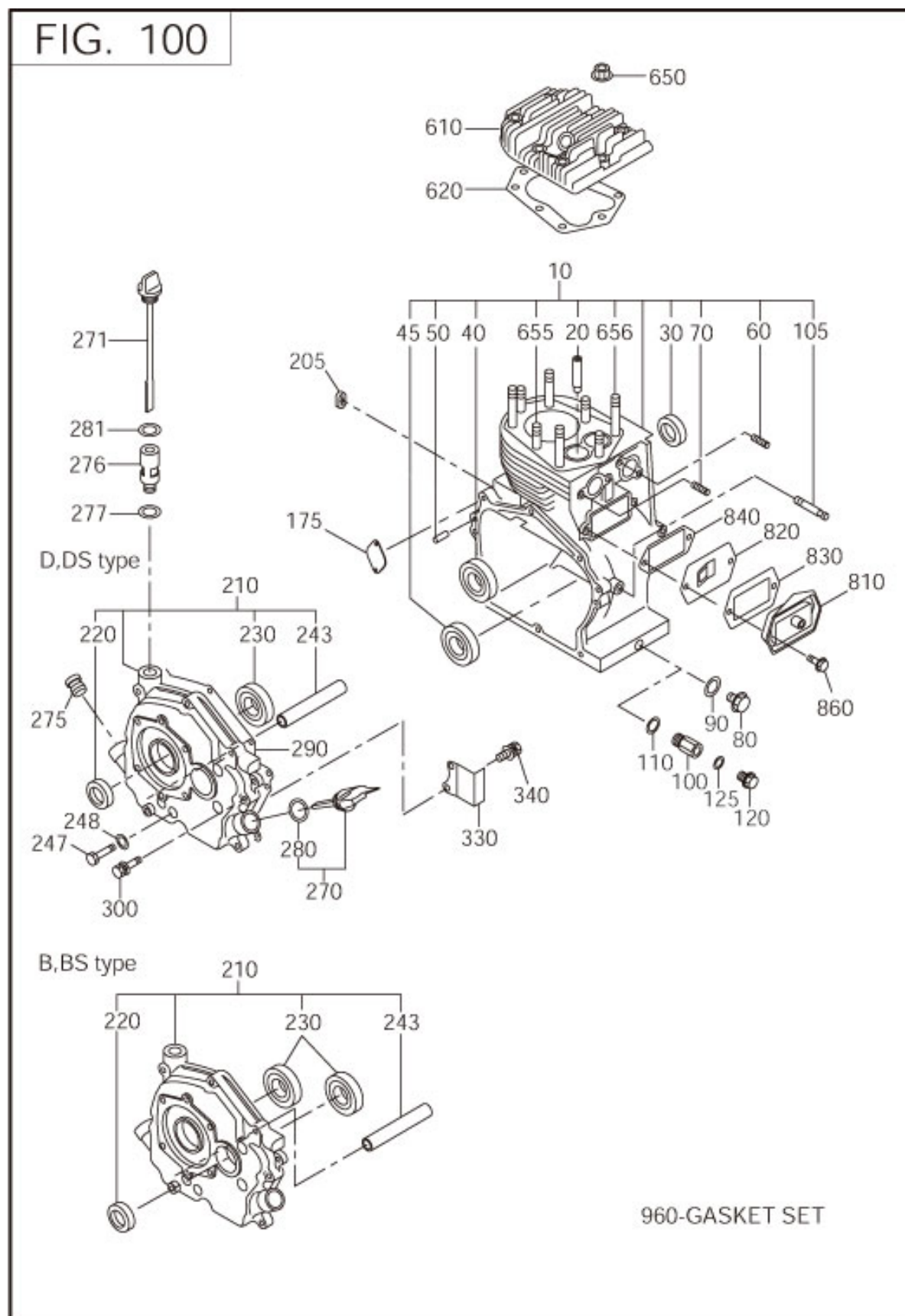


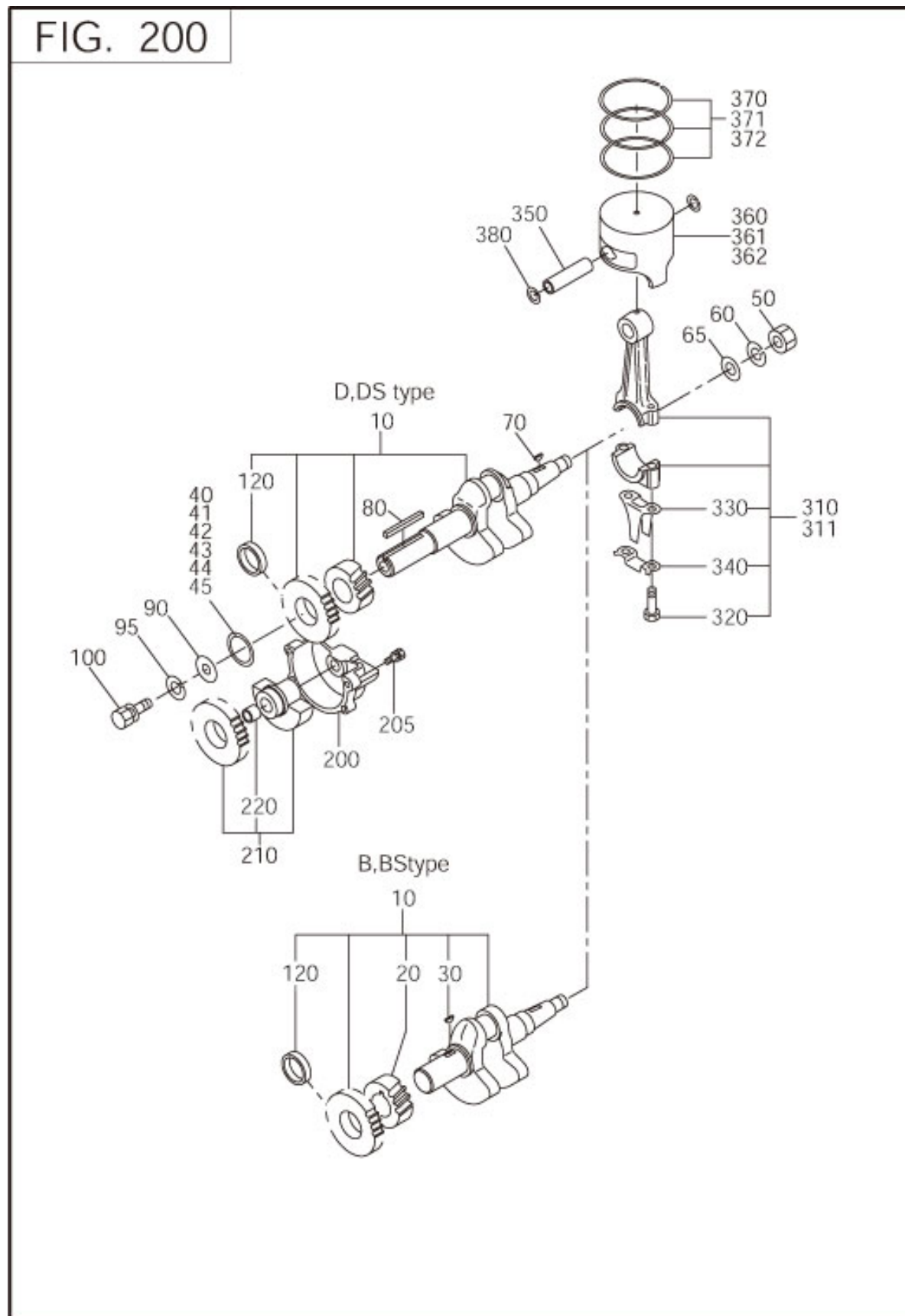
1 CRANK CASE



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	224-10201-11	CRANK CASE CP	5723-	1		224-10222-11
	224-10201-01	CRANK CASE CP	-5722	1		224-10201-11
20	224-14202-03	VALVE GUIDE	-	2	8DX13DX50L	
30	044-03500-90	OIL SEAL	-	1	35DX48DX8B	044-03500-91
40	060-03500-10	BALL BEARING	-	1	35DX72DX17B	
50	031-00801-00	DOWEL PIN	7122-	2	8DX20L	031-00801-10
	005-26081-80	DOWEL PIN	-7121	2	8DX18L	031-00801-10
60	010-50802-90	STUD	-	2	M8X1. 25X30L	
70	010-50602-00	STUD	-	2	M6X1. 0X35L	
80	040-11400-30	PLUG	-	2	M14X1. 5X20DX12L	
90	021-11400-20	GASKET	-	2	14. 1DX19DX2. 3T	
105	010-50800-31	STUD	-	1		
205	224-75501-03	GROMMET	-	1	8DX16DX7H	
210	224-11001-01	MAINBEARING COVER CP	-	1		
220	044-03500-90	OIL SEAL	-	1	35DX48DX8B	044-03500-91
230	060-03500-10	BALL BEARING	-	1	35DX72DX17B	
243	208-24101-33	BALANCER SHAFT	6666-	1		
	208-24101-23	BALANCER SHAFT	-6665	1		208-24101-33
247	001-65061-20	BOLT	-	1	M6X1. 0X12L	
248	003-70060-00	GASKET	-	1	6DX10DX1T	
270	224-63601-01	OIL GAUGE CP	5332-	1	M22X1. 5 L=64+25	
	224-63601-03	OIL GAUGE	-5331	1	M22X1. 5 L=64+25	224-63601-01
275	042-02200-10	PLUG(RUBBER)	-	1	22. 2DX26DX12. 5L	
280	021-32000-10	GASKET	-5336	1	20DX27DX1. 5T RUBBER	021-32000-50
290	224-15201-03	GASKET	-	1	T=0. 3	
300	001-14083-50	BOLT AND WASHER AY	-	8	M8X1. 25X35L W/W, SW	
610	224-13301-03	CYLINDER HEAD	-	1		
620	224-15101-11	GASKET CP(HEAD)	5631-	1	T=2. 5	
	224-15101-03	GASKET (HEAD)	-5630	1		224-15101-11
650	002-38100-00	FLANGE NUT	-	8	M10X1. 25X19DX9H	

REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
655	010-51004-00	STUD	5723-	4	M10X1.25X54L	
	010-51002-70	STUD	-5722	4	M10X1.25X54L	
656	010-51004-10	STUD	5723-	4	M10X1.25X88L	
	010-51002-80	STUD	-5722	4	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)	5631-	1	T=0.8	
	224-15301-03	GASKET(TAPPET COVER)	-5630	1	T=0.8	224-15301-13
840	224-15401-03	GASKET(TAPPET COVER)	-	1	T=2.0	
860	011-00600-30	FLANGE BOLT	-	2	M6X1.0X14DX14L	
960	224-99001-17	GASKET SET	-	1		224-99001-27

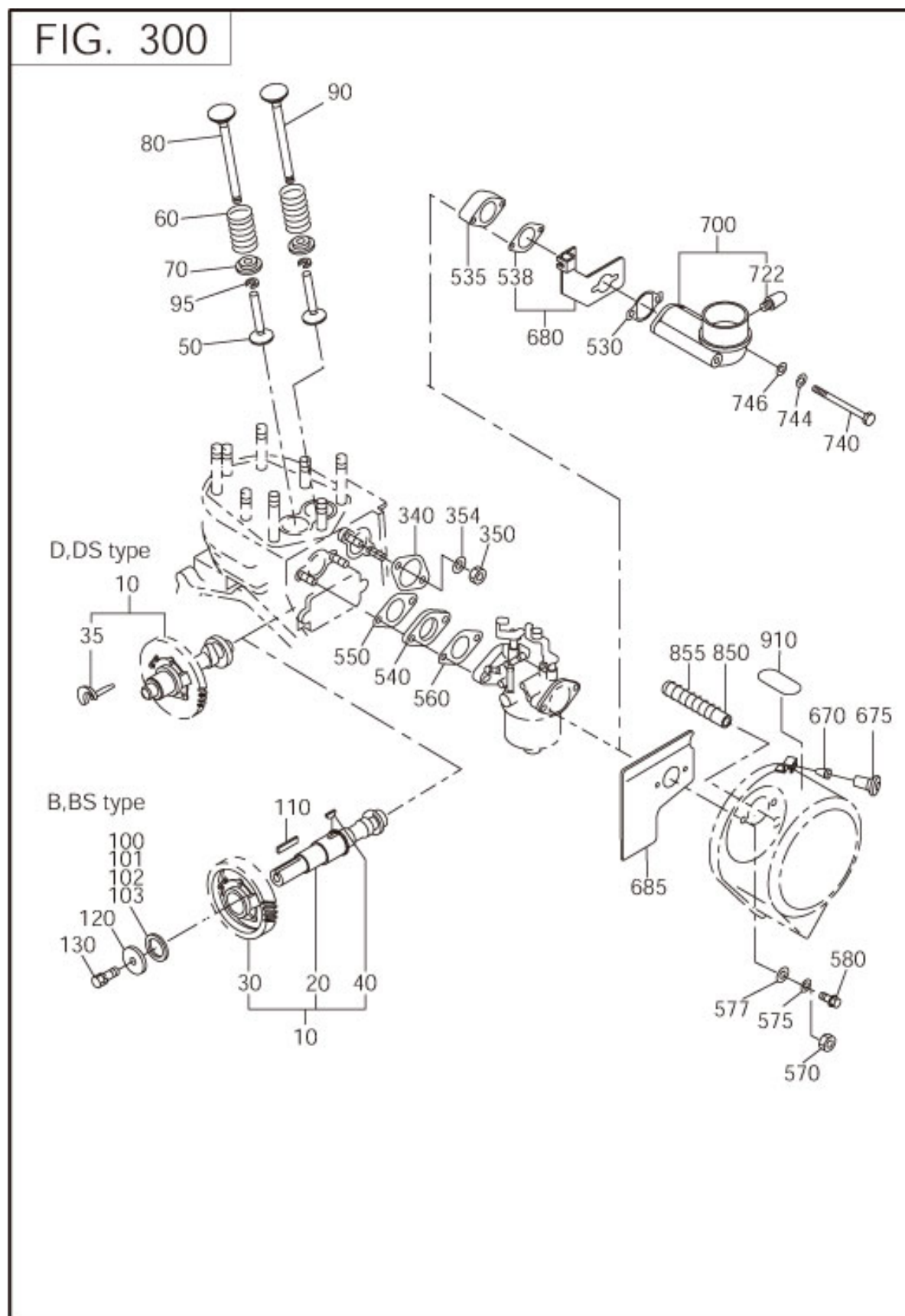
2 CRANKSHAFT,PISTON



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	224-20201-11	CRANK SHAFT CP	-	1	L=324 30DX60L	
40	023-03501-60	SPACER	-	1	35. 3DX45DX0. 6T	
41	023-03501-70	SPACER	-	1	35. 3DX45DX0. 8T	
42	023-03501-80	SPACER	-	1	35. 3DX45DX1. 0T	
43	023-03502-20	SPACER	-	1	35. 3DX45DX1. 2T	
44	023-03501-90	SPACER	-	1	35. 3DX55DX1. 6T	
45	023-03502-00	SPACER	-	1	35. 3DX55DX1. 8T	
50	002-18180-00	NUT	-	1	M18X1. 5X15H	
60	003-20180-00	SPRING WASHER	-	1	18. 2DX31DX4. 6T	
65	003-10180-00	WASHER	-	1	19DX32DX2. 6T	
70	005-32044-01	WOODRUFF KEY	-	1	4BX7. 5HX19D	
80	005-30073-51	KEY	-	1	7BX7HX35L	
90	020-01000-10	WASHER	-	1	11DX35DX4. 5T	
100	001-13102-00	BOLT AND WASHER AY	-	1	M10X1. 25X20L W/SW	
120	224-25104-13	SPACER	-	1	35DX42DX15. 7T	
200	224-14502-03	BALANCER HOLDER	-	1		
205	001-13083-00	BOLT AND WASHER AY	-	4	M8X1. 25X30L W/SW	
210	224-24301-01	BALANCER CP	-	1		
220	061-01500-10	NEEDLE BEARING	-	2		
310	224-22501-10	CONNECTING ROD AY	-	1	120CDX29B 34D-20D	
311	224-22502-00	CONNECTING ROD AY	-	1	0. 25 U. S.	
320	217-23001-13	CONNECTING ROD BOLT	-	2	M8X1. 25X46L	
330	224-23102-03	OIL SCRAIPER	-	1		
340	224-23201-13	ROD LOCK WASHER	-	1		
350	224-23301-13	PISTON PIN	6666-	1		
	224-23301-03	PISTON PIN	-6665	1	20DX14DX70L	224-23301-13
360	224-23401-33	PISTON	6666-	1	STD (84DX71H)	224-23411-03
	224-23401-23	PISTON	-6665	1	STD (84DX71H)	224-23401-33
361	224-23402-33	PISTON	6666-	1	0. 25 O. S. (84DX71H)	224-23412-03
	224-23402-23	PISTON	-6665	1	0. 25 O. S. (84DX71H)	224-23402-33

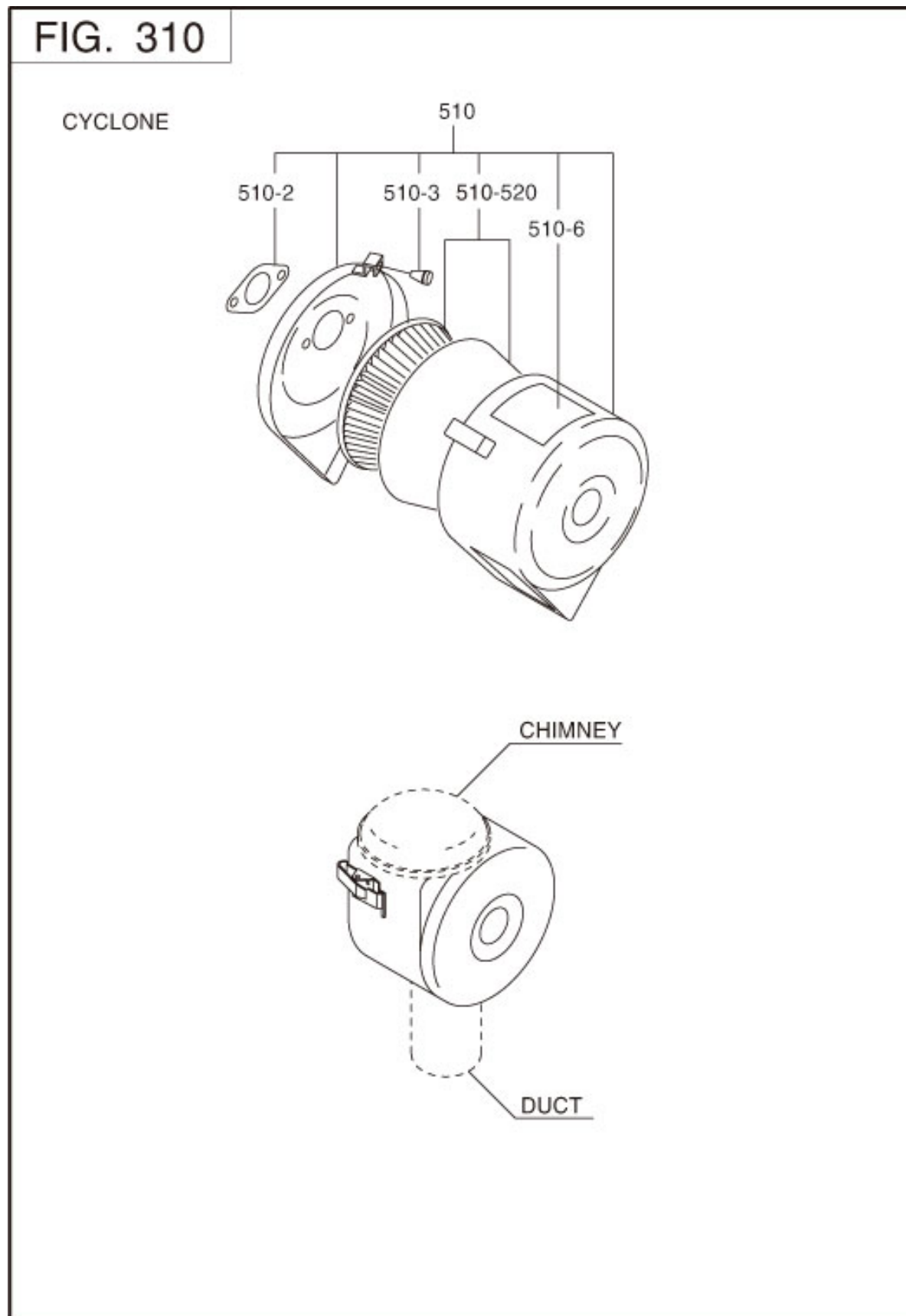
REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
362	224-23403-33	PISTON	6666-	1	0.50 O. S. (84DX71H)	224-23413-03
	224-23403-23	PISTON	-6665	1	0.50 O. S. (84DX71H)	224-23403-33
370	224-23501-17	PISTON RING SET	-	1	STD (84D)	
371	224-23502-17	PISTON RING SET	-	1	0.25 O. S. (84D)	
372	224-23503-17	PISTON RING SET	-	1	0.50 O. S. (84D)	
380	056-52200-11	CLIP	-	2	19.8DX1.6D	

3 INTAKE EXHAUST



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	224-31701-01	CAM SHAFT CP	-	1	L=156 114DX11B N=38	
50	224-33301-03	TAPPET	-	2	26DX8DX55L	
60	208-33601-13	VALVE SPRING	-	2		
70	208-33701-03	SPRING RETAINER	-	2	8DX25DX6. 7T	
80	224-33401-03	INTAKE VALVE	-	1	36DX8DX120L	
90	224-33501-03	EXHAUST VALVE	-	1	33DX8DX120L	
95	217-33801-03	RETAINER LOCK	-	2	5. 5WX13. 2DX2. 5T	
340	224-35101-11	GASKET CP(EXHAUST)	5631-	1	T=1. 5 30D 9DX55P	
	224-35101-03	GASKET(EXHAUST)	-5630	1	T=1. 6 30D 9DX55P	224-35101-11
350	017-00800-30	NUT	-	2	M8X1. 25X6. 5H	
540	224-32901-03	INSULATOR	-	1	T=7 28D 6. 5DX46P	
550	224-35202-13	GASKET (INSULATOR)	5631-	1	T=0. 8 29D 6. 5DX46P	
	224-35202-03	GASKET(INSULATOR)	-5630	1	T=0. 8 29D 6. 5DX46P	224-35202-13
560	208-36003-03	GASKET 2 (INSULATOR)	-	1	T=0. 2 28D 6. 5DX46P	
580	011-00600-20	FLANGE BOLT	-	2	M6X1. 0X14DX12L	
670	024-10200-10	GROMMET	-	1	2DX6DX12H	207-32690-08
675	207-43904-01	KNOB COMPL	-	1	17DX100L	
850	085-11200-10	RUBBER PIPE	-	1	12. 5DX16DX100L	085-11200-00

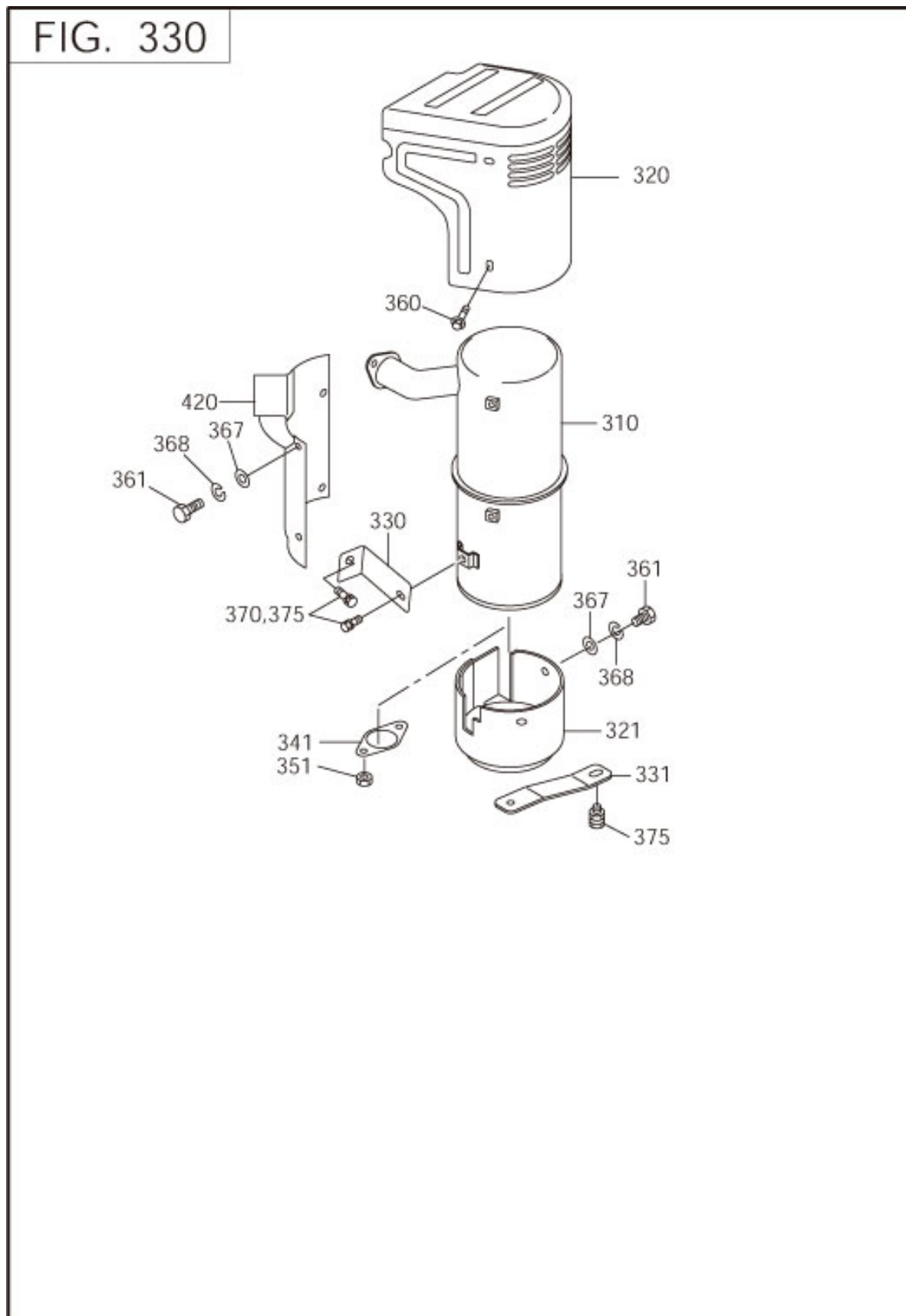
3 INTAKE EXHAUST



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
510	224-32615-00	AIR CLEANER AY	-	1	CYCLONE	
- 2	207-32721-08	PACKING	-	1		
- 3	207-32690-08	GROMMET	-	1		
-520	207-32606-18	ELEMENT SET	-	1	CYCLONE	

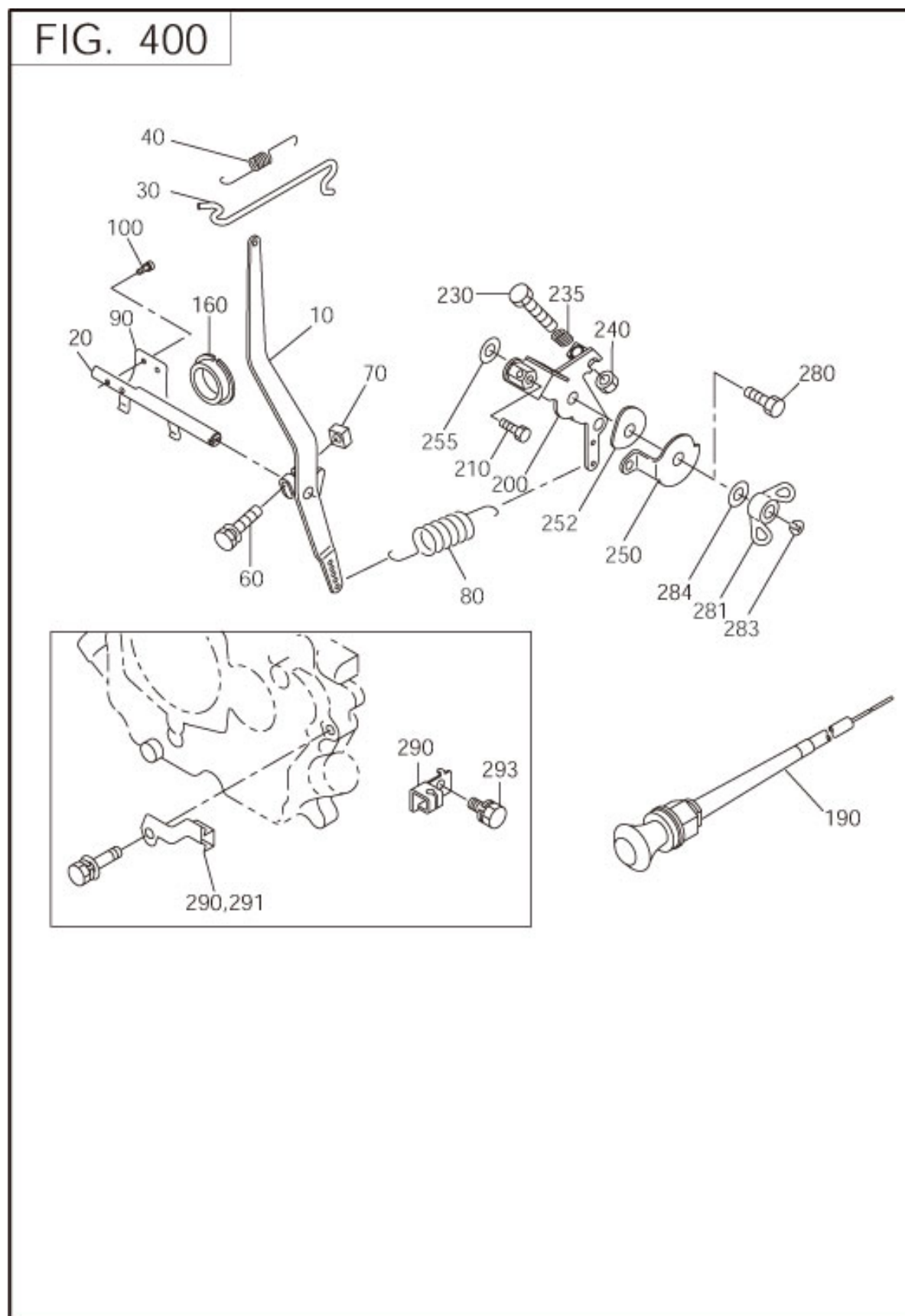
2016/07/22

3 INTAKE EXHAUST



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
310	224-30122-01	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. 0X14DX8L	
370	001-11081-60	BOLT AND WASHER AY	-	2	M8X1. 25X16L W/SW	

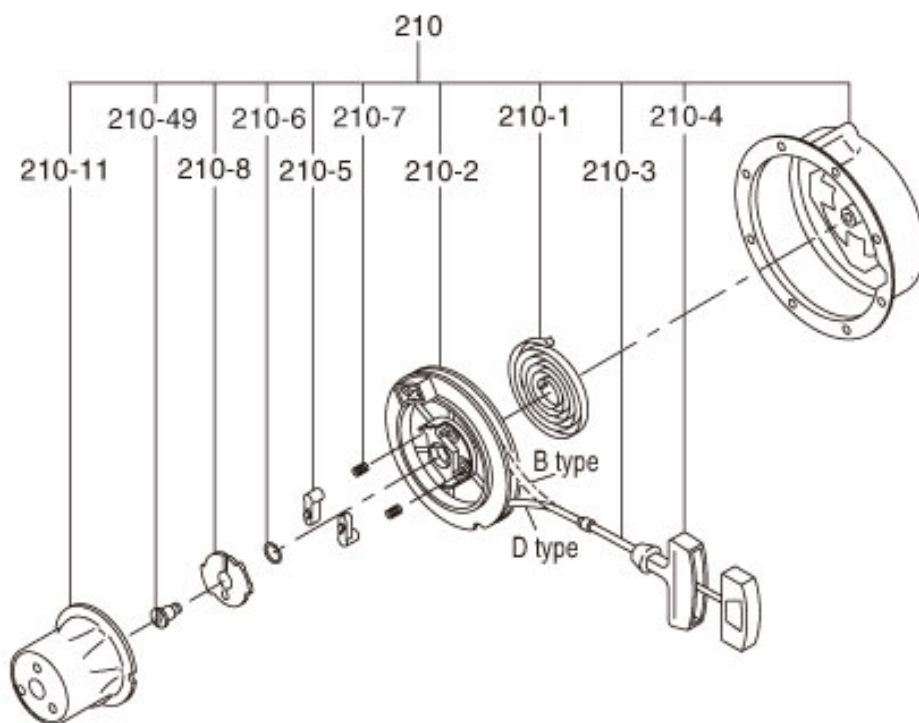
4 GOVERNOR,OPERATION



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
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		214-42801-03
60	001-14062-50	BOLT AND WASHER AY	-	1	M6X1. 0X25L W/W, SW	
70	018-60600-20	NUT	-	1	M6X1. 0X4. 9H SQUARE	
80	224-42501-13	GOVERNOR SPRING	-	1	10DX1. 2DX74L N=18. 5	
90	224-42101-13	GOVERNOR YOKE	-	1		
100	004-35040-80	SCREW AND WASHER AY	-	2	M4X0. 7X8L W/SW	
160	224-41901-03	GOVERNOR SLEEVE	-	1	35DX46DX54DX12. 5T	
200	224-43304-01	SPEED CONTROL CP	-	1		
210	011-60400-10	BOLT	-	1	M4X0. 7X7. 8DX14L	
230	001-65064-00	BOLT	-	1	M6X1. 0X40L	
240	002-27060-00	NUT	-	1	M6X1. 0X3. 6H	
250	207-43505-11	STOP PLATE CP	-	1		
252	020-00800-10	WASHER	-	1	8. 5DX27DX0. 4T	
255	021-70800-10	FRICTION WASHER	-	1	8. 5DX16DX1. 5T NYLON	
281	017-90800-12	WING NUT	-	1		
283	056-50400-10	CLIP	-	1	4DX9DX0. 7T	
284	003-11080-00	WASHER	-	1	8. 5DX18DX1. 6T	
290	224-44201-01	WIRE BRACKET CP	-	1		

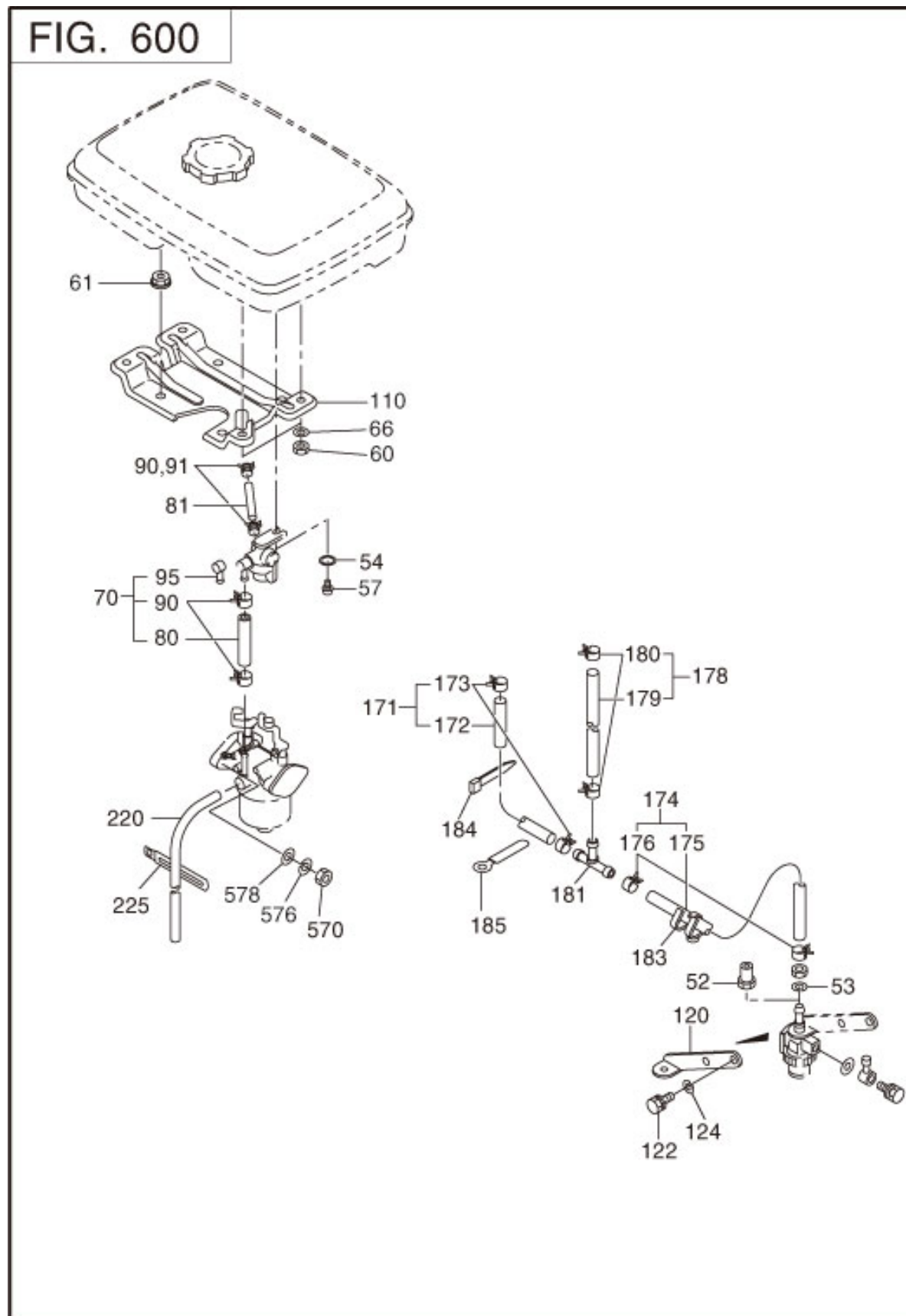
5 COOLING,STARTING

FIG. 520



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
210	224-50102-10	RECOIL STARTER AY	-	1	D 200PD	224-50102-20
- 1	246-50115-08	SPIRAL SPRING	-	1		
- 2	224-50126-08	REEL	-	1		
- 3	207-50110-08	STARTER ROPE	-	1		
- 4	206-50101-08	STARTER KNOB	-	1		206-50101-18
- 5	246-50125-08	RATCHET	-	2		
- 6	246-50130-08	FRICTION SPRING	-	1		
- 7	227-50135-08	RETURN SPRING	-	2		
- 8	246-50160-08	RATCHET GUIDE	-	1		
- 11	224-50150-08	STARTER PULLEY	-	1		
- 49	227-50152-08	SET SCREW	-	1		

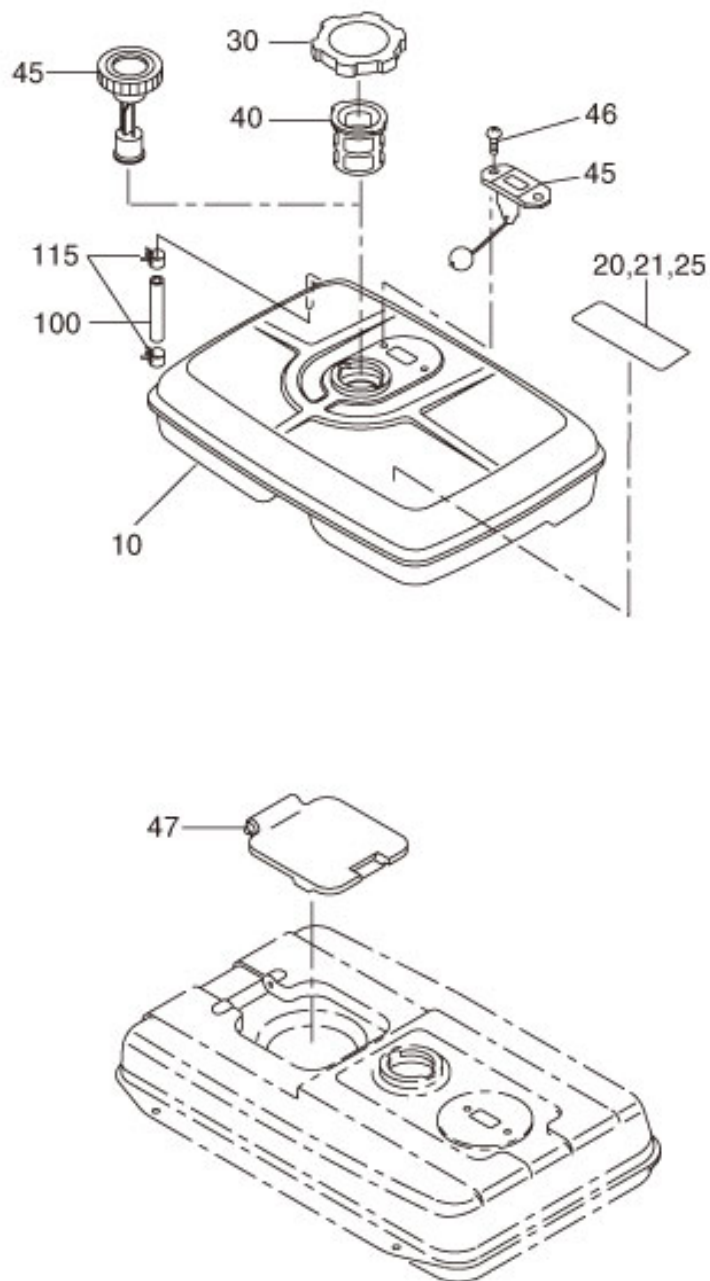
6 FUEL LUBRICANT



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
54	003-10060-00	WASHER	-	1	6. 5DX11. 5DX0. 8T	
57	001-10061-20	BOLT AND WASHER AY	-	1	M6X1. 0X12L W/SW	
60	002-17080-00	NUT	-	4	M8X1. 25X6. 5H	
61	002-38100-00	FLANGE NUT	-	4	M10X1. 25X19DX9H	
66	003-20080-00	SPRING WASHER	-	4	8. 2DX15. 4DX2T	
80	085-10606-80	RUBBER PIPE	-	1	6DX12DX78L	085-10600-00
81	085-10602-30	RUBBER PIPE	-	1	6DX12DX100L	085-10600-00
90	056-11100-20	HOSE CLAMP	-	4	11. 5DX8BX0. 7T	
110	224-61601-01	FUEL TANK BRACKET CP	-	1		
570	002-27060-00	NUT	-	2	M6X1. 0X3. 6H	
576	003-20060-00	SPRING WASHER	-	2	6. 1DX12. 2DX1. 5T	
578	003-10060-00	WASHER	-	2	6. 5DX11. 5DX0. 8T	

6 FUEL LUBRICANT

FIG. 610

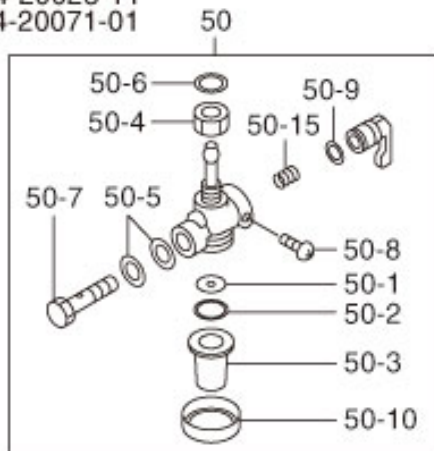


REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	224-60101-11	FUEL TANK CP	-	1	6L ROBIN YELLOW	
30	043-04300-15	FUEL TANK CAP CP	-	1	42. 5DX68DX14H	043-04400-50
40	064-13600-10	FUEL FILTER	-	1	36DX46DX43H	X64-13600-10

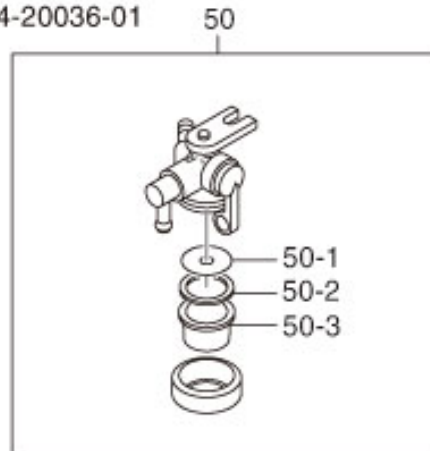
6 FUEL LUBRICANT

FIG. 630

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



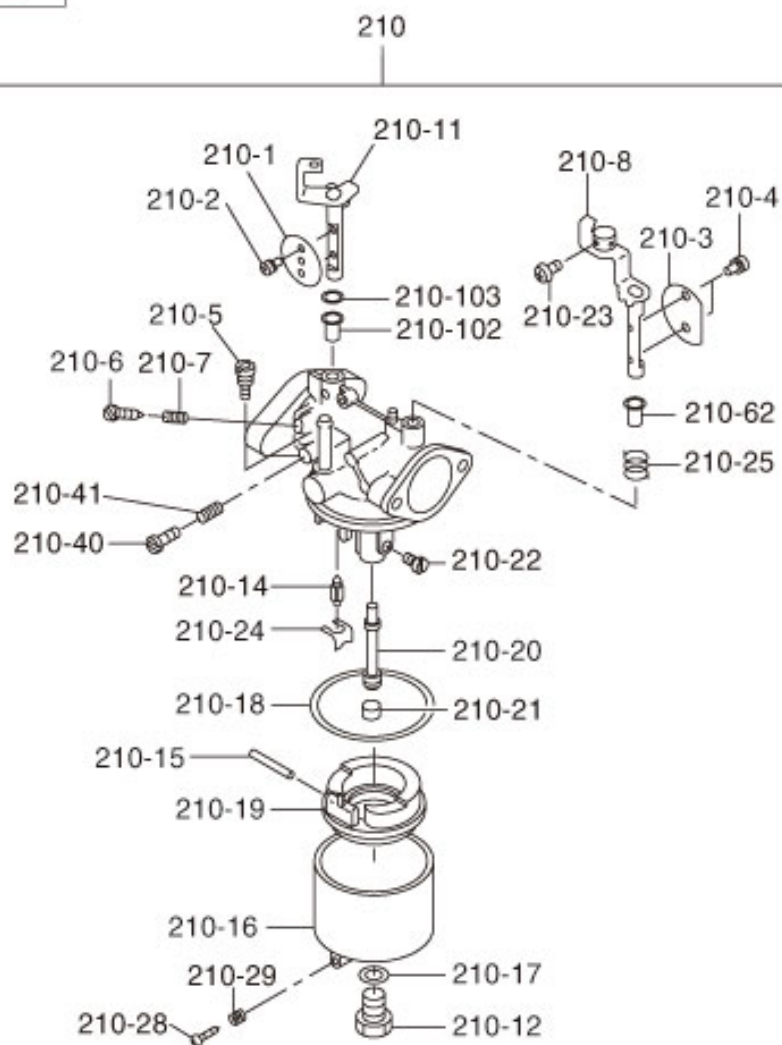
064-20036-01



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
50	064-20036-01	FUEL STRAINER AY	-	1		064-20107-00
- 1	064-20002-20	FILTER	-	1		
- 2	064-20030-30	RUBBER PACKING	-	1		
- 3	064-20036-10	CUP	-	1		

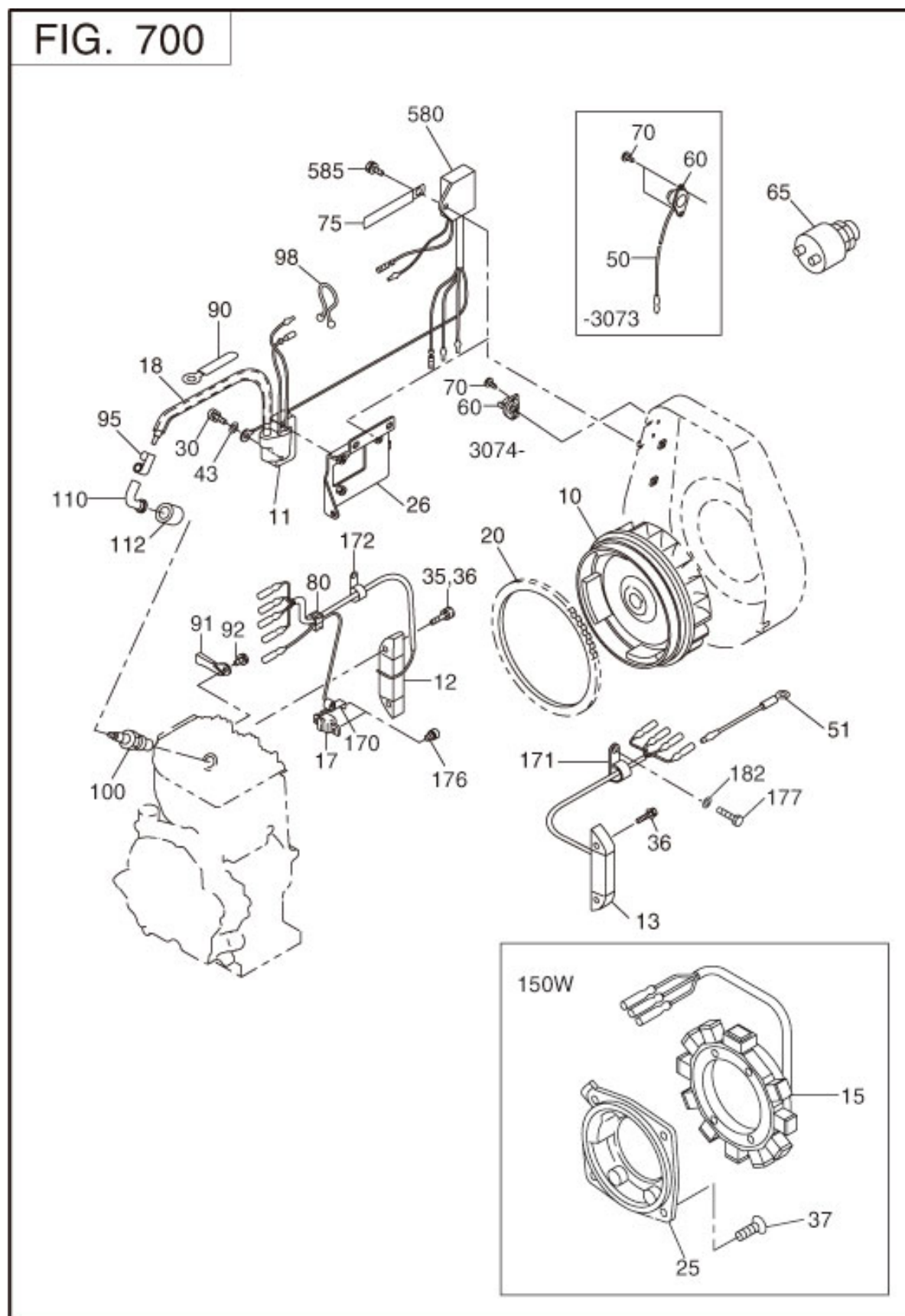
6 FUEL LUBRICANT

FIG. 640



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
210	224-62301-00	CARBURETOR AY	-	1		
- 1	224-62535-08	THROTTLE VALVE	-	1		
- 2	209-62351-08	SCREW	-	2		
- 3	224-62525-08	CHOKE VALVE	-	1		
- 4	209-62351-08	SCREW	-	2		
- 5	224-62420-08	PILOT JET	-	1		
- 6	209-62305-08	PILOT SCREW	-	1		
- 7	206-62446-08	SPRING	-	1		
- 8	224-62520-08	SHAFT AY(CHOKE)	-	1		
- 11	224-62530-08	SHAFT AY(THROTTLE)	-	1		
- 12	224-62543-08	BOLT	-	1		
- 14	224-62312-18	NEEDLE-A	-	1		
- 15	214-62515-08	PIN	-	1		
- 16	224-62552-08	FLOAT CHAMBER BODY	-	1		
- 17	207-62345-08	INSERT WASHER	-	1		
- 18	206-62540-08	PACKING	-	1		
- 19	224-62507-08	FLOAT AY	-	1		
- 20	224-62555-08	MAIN NOZZLE AY	-	1		
- 22	109-62404-08	REVERSE MAIN JET	-	1		
- 23	209-62354-08	CROSS SCREW	-	1		
- 24	239-62550-08	CLIP	-	1		
- 40	224-62452-08	SCREW	-	1		
- 41	206-62446-08	SPRING	-	1		

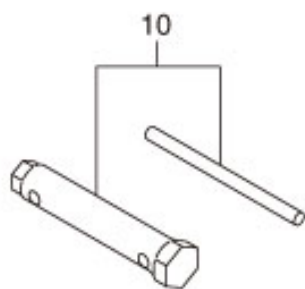
7 ELECTRIC DEVICE



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	224-70173-08	FLYWHEEL	-	1	MARK FF1072	
11	224-72203-11	IGNITION COIL CP	-	1	MARK 4903	
12	224-70135-08	EXCITER COIL	-	1		
17	224-70150-08	PULSE COIL	-	1		
30	004-35062-50	SCREW AND WASHER AY	-	2	M6X1.0X25L W/SW	
35	004-35062-00	SCREW AND WASHER AY	-	2	M6X1.0X20L W/SW	
43	003-10060-00	WASHER	-	2	6.5DX11.5DX0.8T	
50	214-73201-01	WIRE 1 CP	-3073	1	L=60 BLACK	
60	066-00004-80	SWITCH AY	7184-	1		066-00004-81
	066-00003-71	SWITCH AY	3074-7183	1		066-00004-81
	066-20000-11	STOP BUTTON	-3073	1		066-99002-17
70	015-00400-90	TAPPING SCREW	3074-	2	M4X12L	
	015-00400-10	TAPPING SCREW	-3073	2	M4X8L	
75	056-60002-50	CLAMP	-	2	6.5DX10BX95LX0.6T	
80	024-10900-50	GROMMET	-	1		
90	056-61000-21	CLAMP	-	1	10DXM6X15LX0.6T	
91	224-77002-01	WIRE CLAMP CP	-	1		
92	011-00600-20	FLANGE BOLT	-	1	M6X1.0X14DX12L	
100	065-01401-90	SPARK PLUG	-	1	NGK BP4HS	
110	065-50000-51	SPARK PLUG CAP	-	1		
170	205-78201-01	CLAMP CP	-	1		
176	004-35041-20	SCREW AND WASHER AY	-	2	M4X0.7X12L W/SW	
580	224-72250-01	KTR UNIT	-	1		
585	011-00600-50	FLANGE BOLT	-	1	M6X1.0X13DX20L	001-04062-00

9 ACCESSORIES LABEL

FIG. 900



REF.	PART NUMBER	PART NAME	CODE NO.	QTY	REMARKS	INTERCHANGE
10	227-90301-10	ACCESSORY TOOL KIT	-	1		282-90301-H0