



Robin Engine

Model DY41

for T & J

PARTS CATALOG

Spec. No. DY410YS7010

 **FUJI HEAVY INDUSTRIES LTD.**

ISSUE EMD-EP1567

FIG. 100

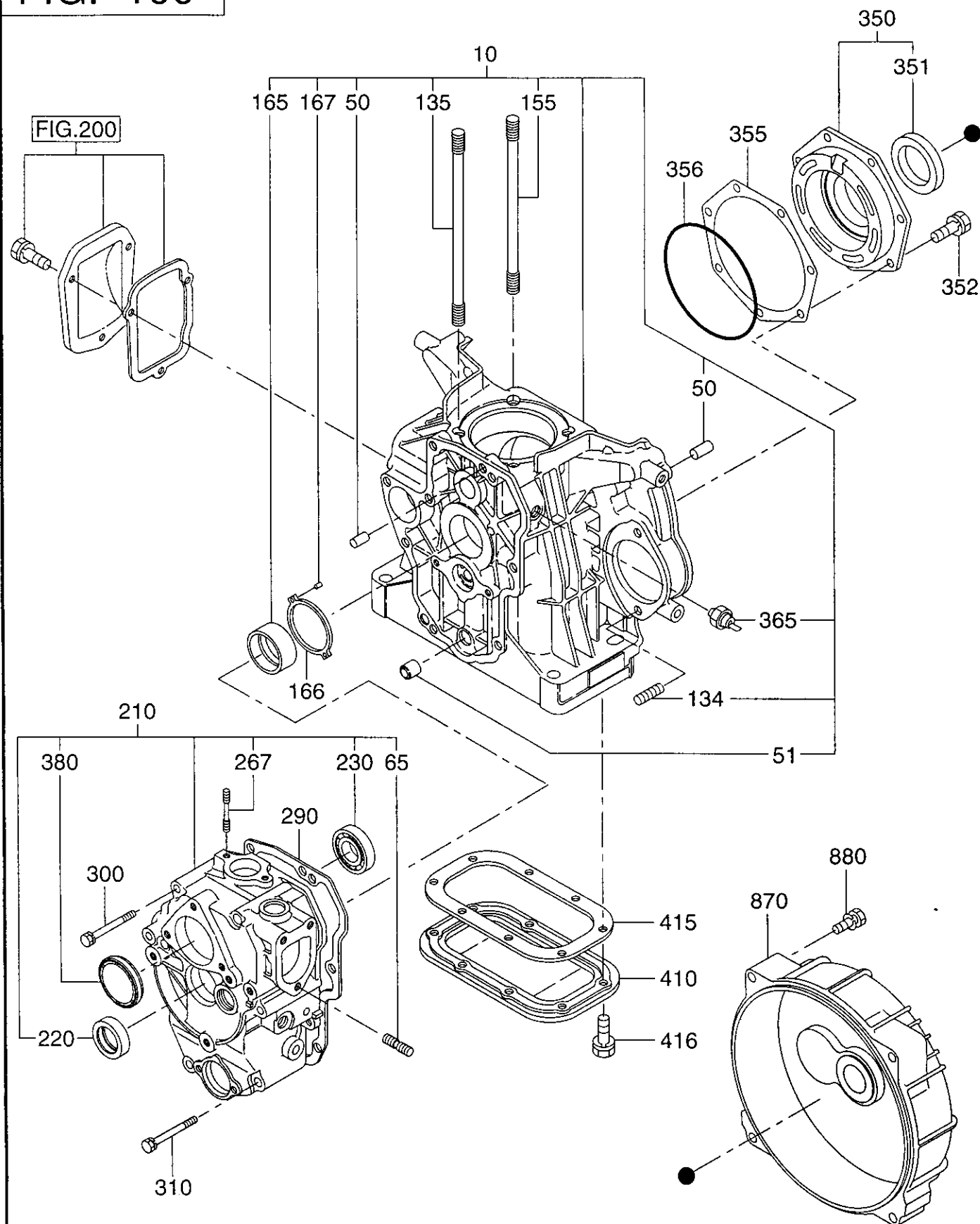
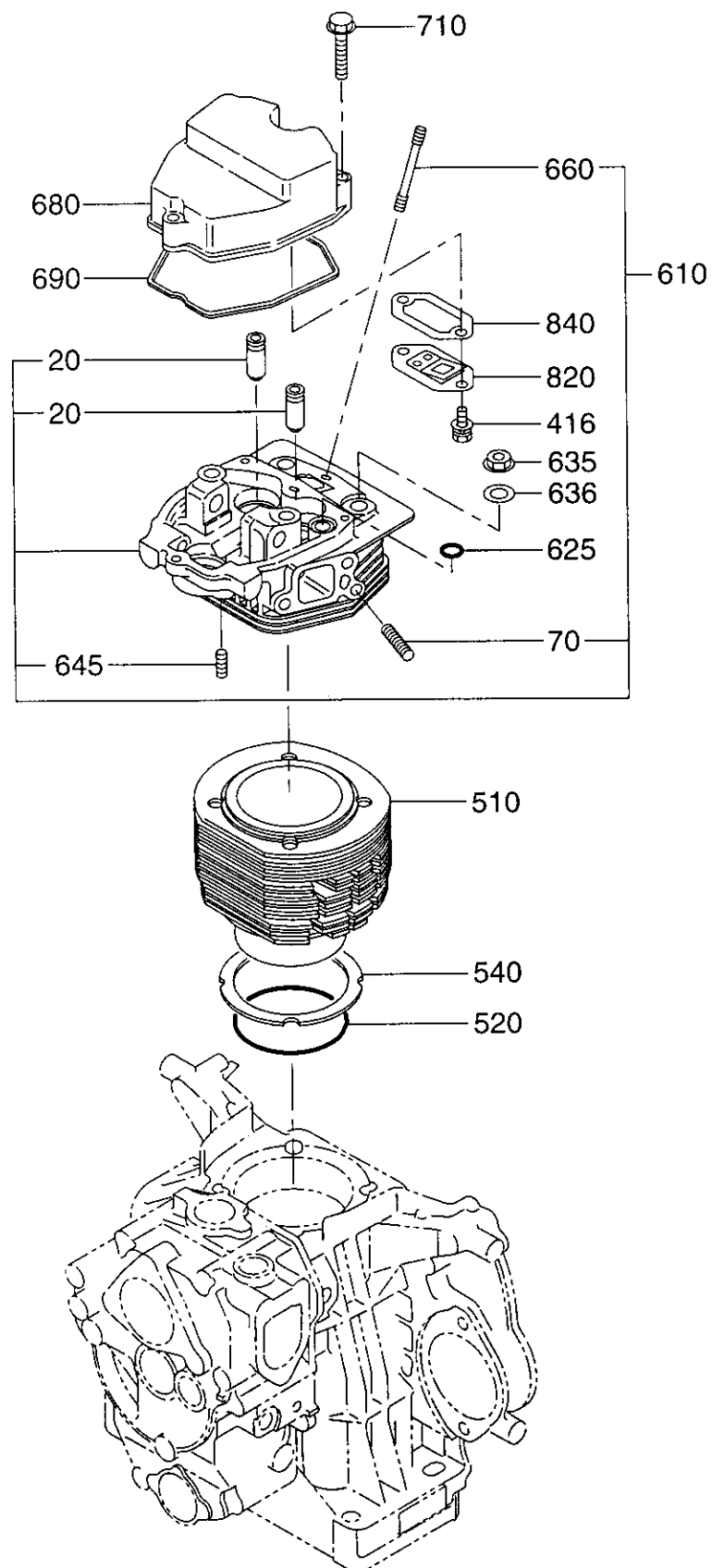


FIG. 100



1 CRANKCASE

REF.	PART NUMBER	PART NAME	QTY	REMARKS	CODE NO. FROM-TO	INTERCHANGEABLE PART NUMBER	UNIT PRICE	FIG.
10	231-10122-01	CRANKCASE CP	1		-			100
20	228-14204-03	VALVE GUIDE	2		-			100
50	005-26081-80	DOWEL PIN	4		-			100
51	228-15003-13	PIPE KNOCK	1		-			100
65	001-32083-51	STUD	3		-			100
70	001-37082-01	STUD	4		-			100
134	010-50800-44	STUD	2		-			100
135	231-16001-11	TENSION BOLT 1 CP	2		-			100
155	231-16002-11	TENSION BOLT 2 CP	2		-			100
165	228-15801-03	MAIN BEARING	1	STD.	-			100
	228-15802-03	MAIN BEARING	1	0.25 U.S.	-			100
	228-15803-03	MAIN BEARING	1	0.50 U.S.	-			100
166	228-15002-03	THRUST BEARING	1		-			100
167	005-19250-60	SPRING PIN	2		-			100
210	231-11702-01	GEAR CASE COVER CP	1		-			100
220	044-02200-50	OIL SEAL	1		-			100
230	060-03500-40	BALL BEARING	1	BB6007C3	-			100
267	001-32064-50	STUD	2		-			100
290	231-15007-03	GASKET(CASE COVER)	1		-			100
300	001-13088-50	BOLT AND WASHER AY	4		-			100
310	001-13086-50	BOLT AND WASHER AY	4		-			100
350	231-11502-21	BEARING HOUSING CP	1		-			100
351	044-04000-20	OIL SEAL	1		-			100
352	001-13082-00	BOLT & WASHER AY	7		-			100
355	231-15004-03	GASKET, BEAR. HOUSING	1	T=0.1	-			100
	231-15005-03	GASKET, BEAR. HOUSING	1	T=0.2	-			100
	231-15006-03	GASKET, BEAR. HOUSING	1	T=0.3	-			100
356	231-15014-03	O RING, BEAR. HOUSING	1		-			100
365	942-99570-00	SWITCH OIL PRESSURE	1		-			100
380	041-05000-11	BLIND PLATE	1		-			100
410	231-11601-03	OIL PAN	1		-			100
415	231-15034-03	GASKET(OIL PAN)	1		-			100
416	980-05060-10	BOLT & WASHER AY	10		-			100
510	231-12401-02	CYLINDER UN	1		-			100
520	229-15011-03	O RING(CYLINDER)	1		-			100
540	229-15012-13	SPACER, CYLINDER	1	T=0.1	-			100

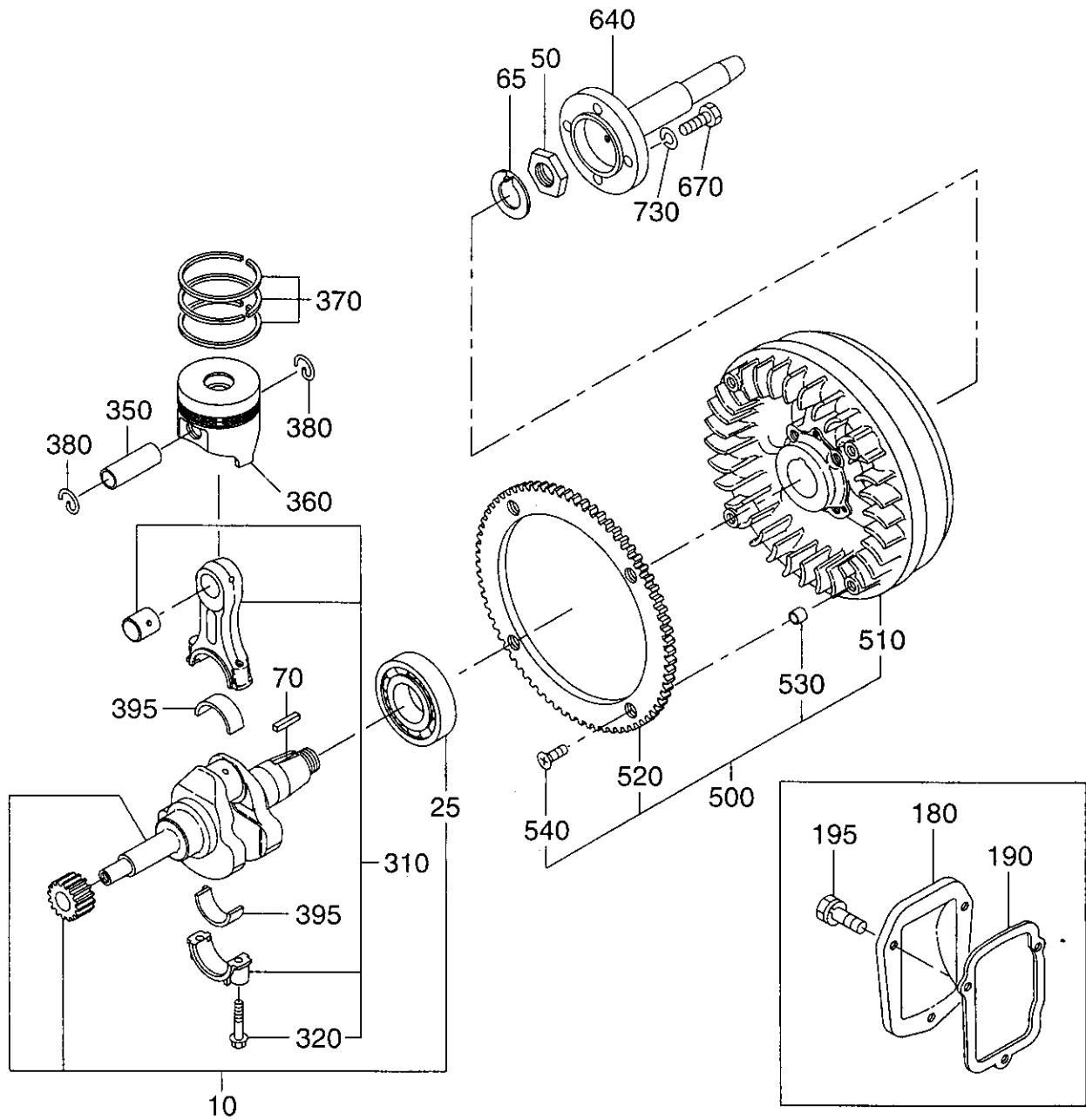
01/03/16

1 CRANKCASE

[illegible]

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FIG. 200



2 CRANKSHAFT, PISTON

REF.	PART NUMBER	PART NAME	QTY	REMARKS	CODE NO. FROM-TO	INTERCHANGEABLE PART NUMBER	UNIT PRICE	FIG.
10	262-20201-01	CRANKSHAFT CP	1		-			200
25	060-04000-30	BALL BEARING	1	BB6308C3	-			200
50	017-32600-10	LOCK NUT	1		-			200
65	020-52600-12	LOCK WASHER	1		-			200
70	005-30072-01	KEY	1		-			200
180	228-26001-01	BALANCER COVER CP	1		-	228-26050-01		200
190	228-25004-03	GASKET(BALANCER COV)	1		-			200
195	980-05060-10	BOLT & WASHER AY	3		-			200
310	262-22501-00	CONNECTING ROD AY	1		-			200
320	231-23001-13	CONNECTING ROD BOLT	2		-			200
350	262-23301-03	PISTON PIN	1		-			200
360	262-23401-03	PISTON	1	STD.	-			200
	262-23402-03	PISTON	1	0.25 O.S.	-			200
	262-23403-03	PISTON	1	0.50 O.S.	-			200
370	229-23501-27	PISTON RING	1	STD.	-			200
	229-23502-27	PISTON RING	1	0.25 O.S.	-			200
	229-23503-27	PISTON RING	1	0.50 O.S.	-			200
380	233-25002-03	CRIP	2		-			200
395	228-22801-13	LARGE END BEARING	2	STD.	-			200
	228-22802-13	LARGE END BEARING	2	0.25 U.S.	-			200
	228-22803-13	LARGE END BEARING	2	0.50 U.S.	-			200
500	262-22401-01	FLYWHEEL CP	1		-			200
510	262-22401-03	FLYWHEEL	1		-			200
520	228-71001-03	RING GEAR	1		-			200
530	243-15011-03	PIPE KNOCK	2		-			200
540	004-11082-50	SCREW	4		-			200
640	228-24407-03	DRIVING SHAFT	1		-			200
670	001-67103-00	BOLT	4		-			200
730	003-20100-00	SPRING WASHER	4		-			200

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FIG. 300

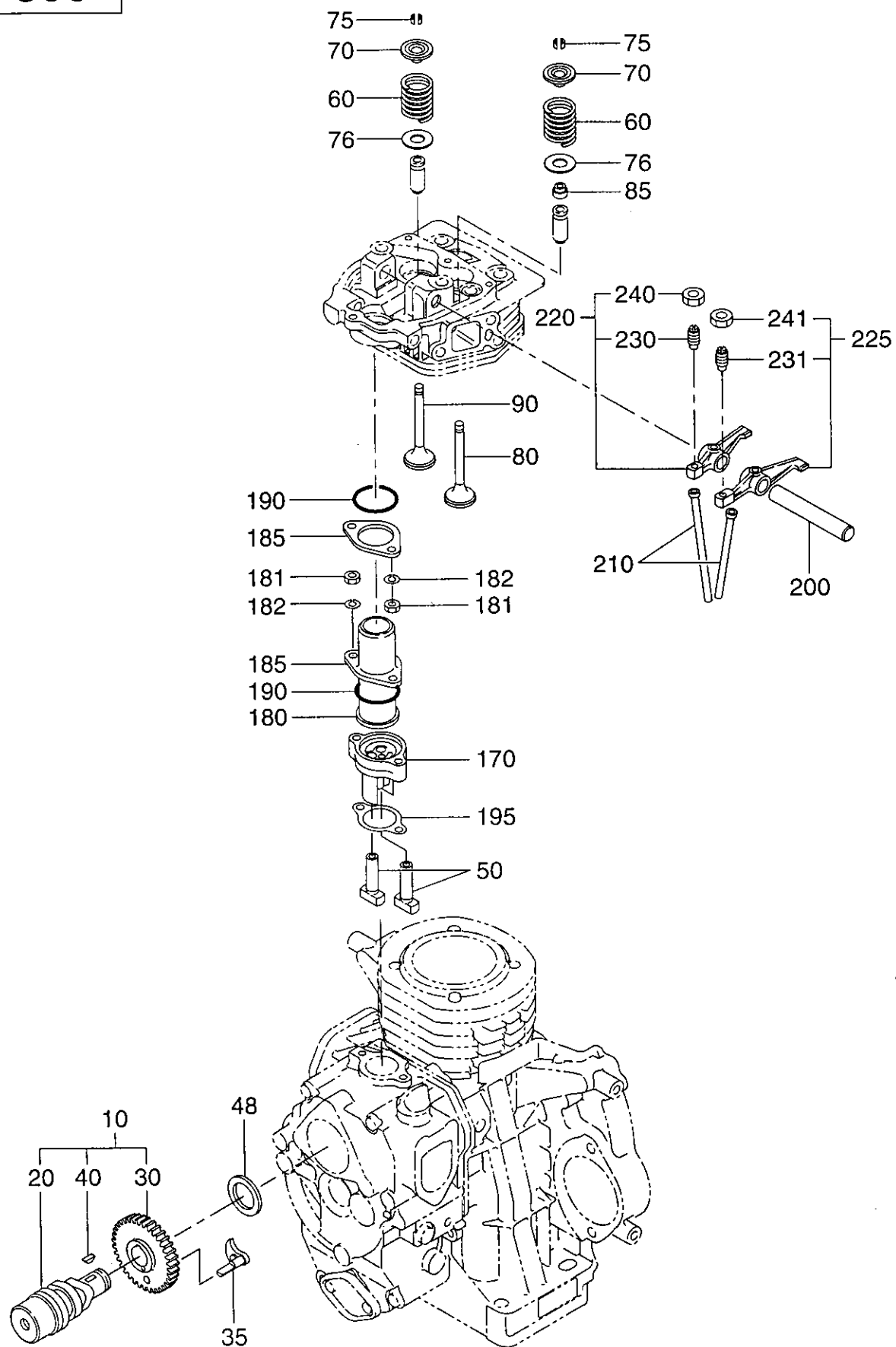
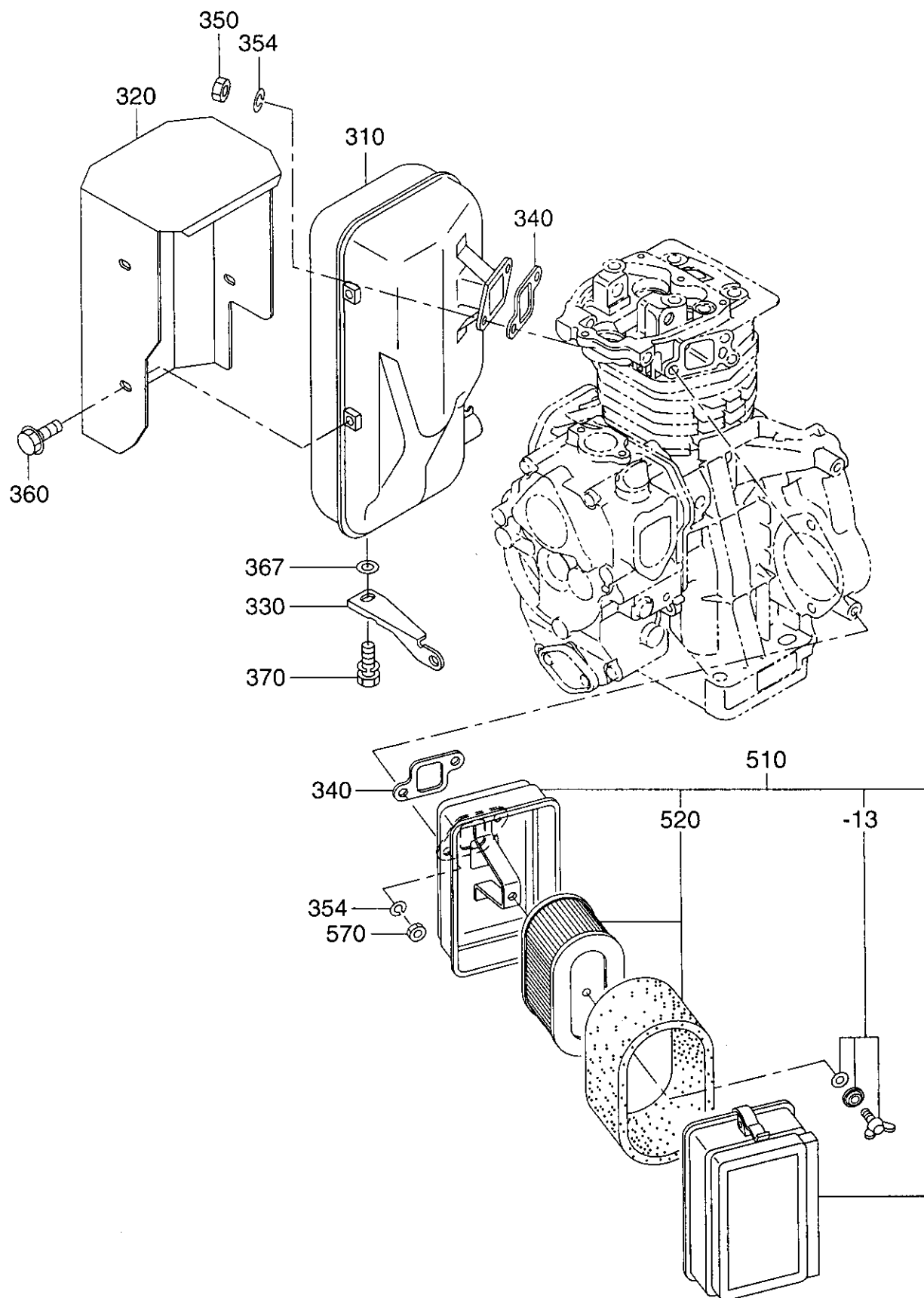


FIG. 300



3 INTAKE, EXHAUST

REF.	PART NUMBER	PART NAME	QTY	REMARKS	CODE NO. FROM-TO	INTERCHANGEABLE PART NUMBER	UNIT PRICE	FIG.
10	228-31604-00	CAMSHAFT AY	1		-			300
20	228-31604-01	CAMSHAFT CP	1		-			300
30	228-33222-01	CAMSHAFT GEAR CP	1		-			300
35	228-35561-03	RELEASE LEVER	1		-			300
40	005-32042-01	WOODRUFF KEY	1		-			300
48	023-02000-20	SPACER	1	T=0.8	-			300
	023-02000-30	SPACER	1	T=1.0	-			300
	023-02000-40	SPACER	1	T=1.2	-			300
50	228-33301-03	TAPPET	2		-			300
60	228-33601-03	VALVE SPRING	2		-			300
70	228-33701-03	SPRING RETAINER	2		-			300
75	262-33801-03	RETAINER LOCK	4		-			300
76	020-01500-30	WASHER	2		-			300
80	228-33401-13	INTAKE VALVE	1		-			300
85	262-35001-03	VALVE STEM SEAL	1		-			300
90	262-33501-03	EXHAUST VALVE	1		-			300
170	228-35701-13	TAPPET GUIDE	1		-	228-35701-11		300
180	231-35603-11	PUSH ROD SLEEVE	1		-			300
181	002-18060-00	NUT	4		-			300
182	003-20060-00	SPRING WASHER	4		-			300
185	228-35801-01	PLATE CP, PUSH ROD	2		-			300
190	024-03200-70	O RING	2		-			300
195	228-35013-03	GASKET(TAPPET GUIDE)	1		-			300
200	228-35004-03	ROCKER SHAFT	1		-			300
210	231-35005-03	PUSH ROD	2		-			300
220	228-36201-01	EXHAUST ROCKERARM CP	1		-			300
225	228-36401-01	INTAKE ROCKER ARM CP	1		-	228-36301-01		300
230	014-90600-80	ADJUSTING SCREW	1		-			300
231	014-90600-80	ADJUSTING SCREW	1		-			300
240	017-00600-80	NUT	1		-			300
241	017-00600-80	NUT	1		-			300
310	228-30504-01	MUFFLER CP	1		-			300
320	228-34260-01	MUFFLER COVER CP	1		-			300
330	231-35019-01	MUFFLER BRACKET CP	1		-			300
340	228-35006-03	GASKET(MUFFLER)	2		-			300
350	002-19080-00	NUT	2		-			300

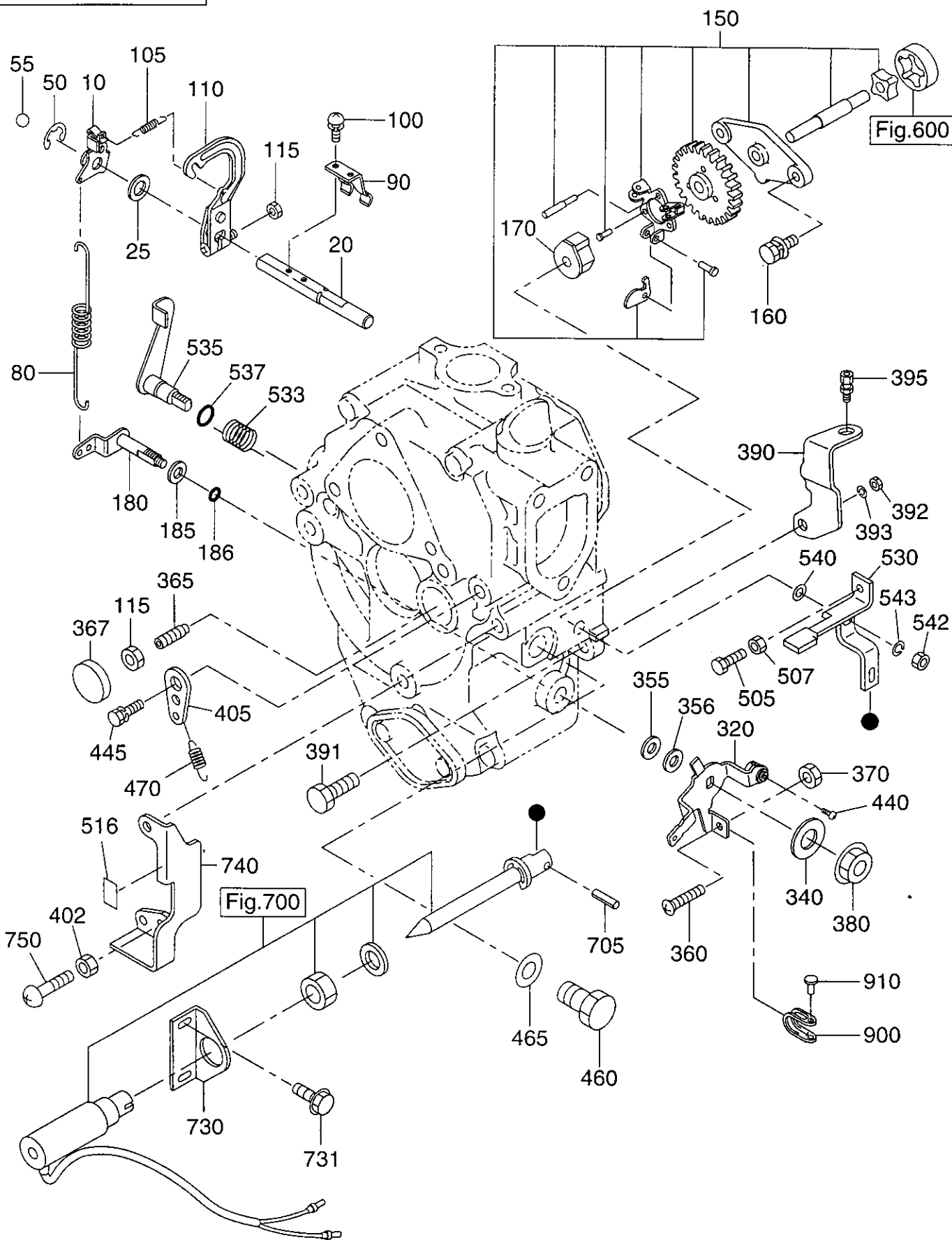
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3 INTAKE, EXHAUST

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FIG. 400



4 GOVERNOR, OPERATION

REF.	PART NUMBER	PART NAME	QTY	REMARKS	CODE NO. FROM-TO	INTERCHANGEABLE PART NUMBER	UNIT PRICE	FIG.
10	228-42302-03	GOVERNOR LEVER 1	1		-			400
20	228-42201-03	GOVERNOR SHAFT	1		-			400
25	003-10100-00	WASHER	1		-			400
50	003-13080-00	CLIP	1		-			400
55	045-00600-10	STEEL BALL	1		-			400
80	228-42501-23	GOVERNOR SPRING	1		-			400
90	228-42101-23	GOVERNOR YOKE	1		-			400
100	004-35051-20	SCREW AND WASHER AY	2		-			400
105	228-45001-33	START SPRING	1		-			400
110	228-42340-02	GOVERNOR LEVER 2 UN	1		-			400
115	002-18060-00	NUT	2		-			400
150	228-41701-30	GOVERNOR PLATE AY	1		-			400
160	001-13062-00	BOLT AND WASHER AY	2		-			400
170	228-41910-01	GOVERNOR SLEEVE CP	1		-			400
180	228-42904-02	CONTROL LINK UN	1		-			400
185	023-00800-10	SPACER	1		-			400
186	006-26100-50	O RING	1		-			400
320	231-43314-01	SPEED CONTROL 1 CP	1		-			400
340	020-00800-50	WASHER	1		-			400
355	021-70800-10	FRICTION WASHER	1		-			400
356	003-10080-00	WASHER	1		-			400
360	004-31063-50	SCREW	1		-			400
365	014-90600-70	ADJUSTING SCREW	1		-			400
367	041-12200-10	BLIND PLUG	1		-			400
370	002-18060-00	NUT	1		-			400
380	017-00800-20	NUT	1		-			400
390	228-44270-01	WIRE BRACKET 9	1		-			400
391	001-65062-00	BOLT	1		-			400
392	002-18060-00	NUT	1		-			400
393	003-20060-00	SPRING WASHER	1		-			400
395	014-90600-40	ADJUSTING SCREW	1		-			400
402	002-18060-00	NUT	1		-			400
405	228-45012-01	BRACKET CP, SPRING	1		-			400
440	004-31051-20	SCREW	1		-			400
445	001-13082-00	BOLT & WASHER AY	1		-			400
460	040-11200-30	PLUG	1		-			400

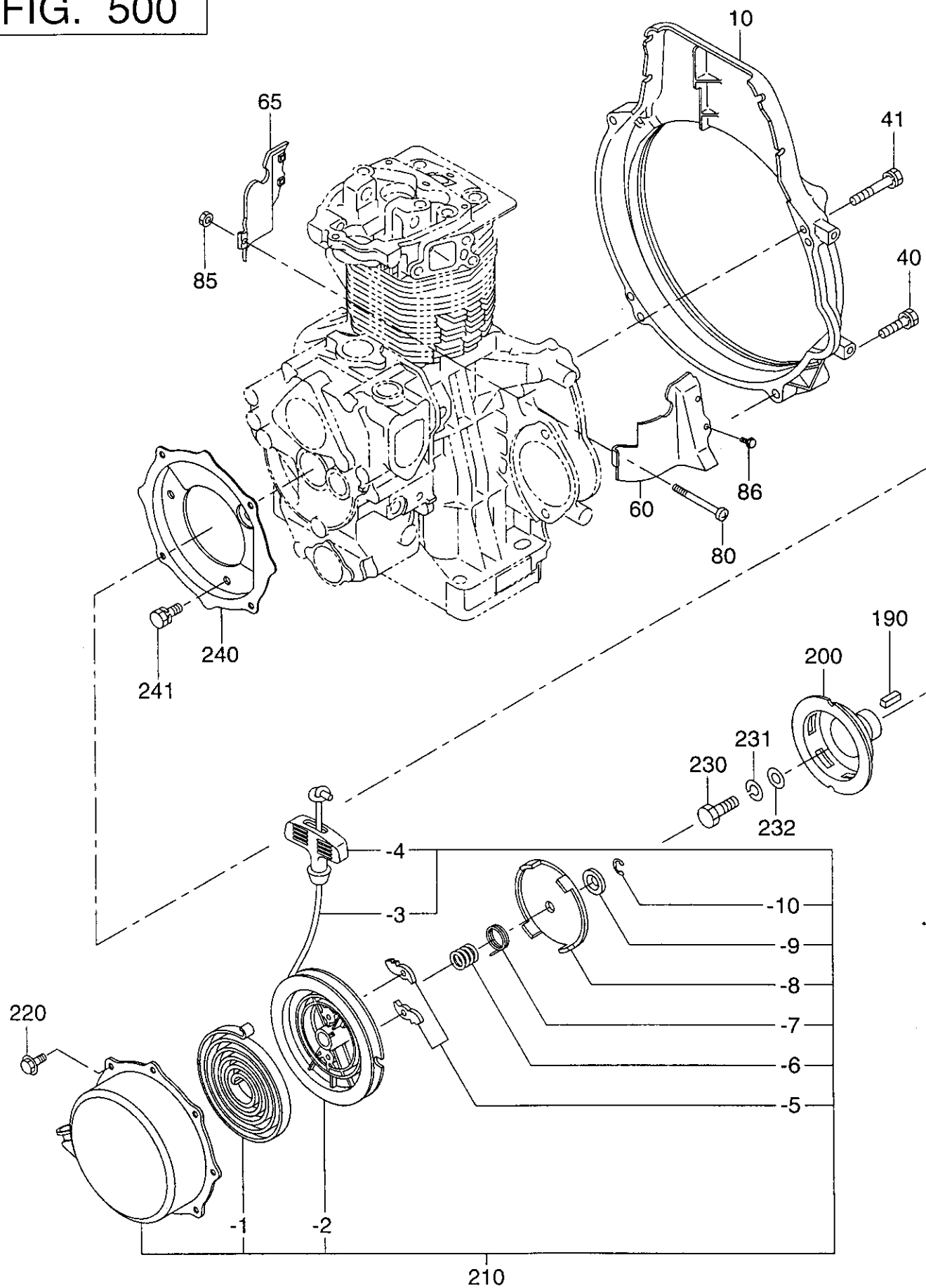
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4 GOVERNOR, OPERATION

[illegible]

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FIG. 500

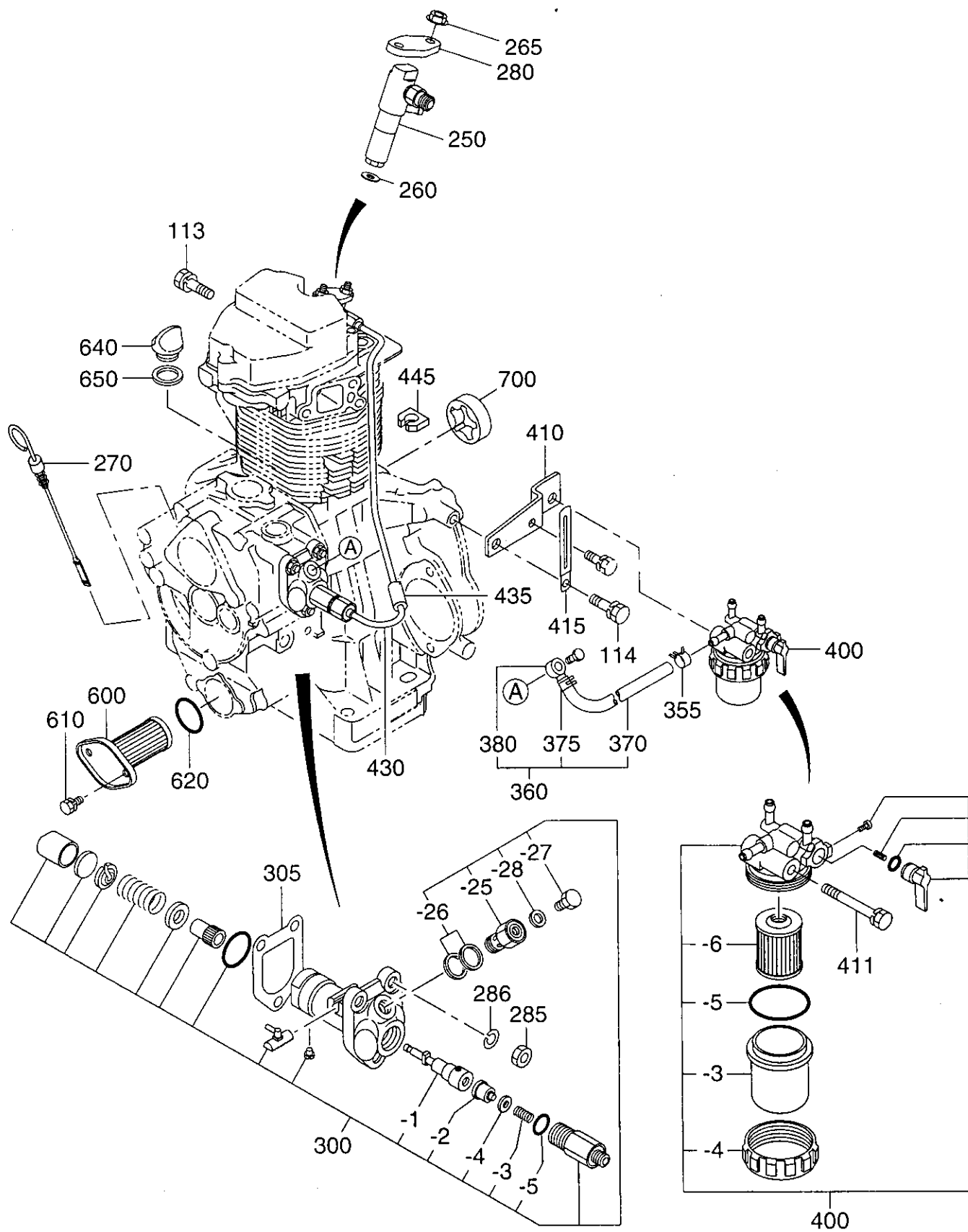


5 COOLING, STARTING

REF.	PART NUMBER	PART NAME	QTY	REMARKS	CODE NO. FROM-TO	INTERCHANGEABLE PART NUMBER	UNIT PRICE	FIG.
10	231-51201-23	BLOWER HOUSING	1		-			500
40	001-13084-00	BOLT AND WASHER AY	2		-			500
41	001-13085-50	BOLT AND WASHER AY	2		-			500
60	231-52601-12	CYLINDER BAFFLE 1 UN	1		-			500
65	231-52701-12	CYLINDER BAFFLE 2 UN	1		-			500
80	014-00500-40	SCREW(PAN HEAD)	1		-			500
85	002-17050-00	NUT	1		-			500
86	011-00600-20	FLANGE BOLT	4		-			500
190	005-30040-81	KEY	1		-			500
200	228-54201-21	STARTING PULLEY CP	1		-			500
210	228-50101-00	RECOIL STARTER AY	1		-			500
- 1	106-50116-08	SPIRAL SPRING	1		-			500
- 2	107-50121-08	REEL CP	1		-			500
- 3	228-50110-08	ROPE	1		-			500
- 4	206-50101-08	STARTER KNOB	1		-			500
- 5	106-50128-18	RATCHET	2		-			500
- 6	106-50132-08	FRICTION SPRING	1		-			500
- 7	106-50136-18	RETURN SPRING	1		-			500
- 8	106-50144-08	FRICTION PLATE	1		-			500
- 9	106-50185-08	THRUST WASHER	1		-			500
- 10	106-50186-08	CLIP	1		-			500
220	011-00600-10	FLANGE BOLT	4		-			500
230	001-66102-00	BOLT	1		-			500
231	003-20100-00	SPRING WASHER	1		-			500
232	980-30110-70	WASHER(11.5X23X4)	1		-	980-30110-70		500
240	228-55201-02	RECOIL COVER UN	1		-			500
241	001-13082-00	BOLT & WASHER AY	3		-			500

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FIG. 600



6 FUEL, LUBRICANT

REF.	PART NUMBER	PART NAME	QTY	REMARKS	CODE NO. FROM-TO	INTERCHANGEABLE PART NUMBER	UNIT PRICE	FIG.
113	001-13082-00	BOLT & WASHER AY	1		-			600
114	001-13082-00	BOLT & WASHER AY	1		-			600
250	231-63201-00	NOZZLE AY	1		-			600
260	228-65004-03	GASKET (NOZZLE)	1		-			600
265	002-38060-00	FLANGE NUT	2		-			600
270	228-63610-01	OIL GAUGE CP	1		-			600
280	243-66001-01	BRACKET CP, NOZZLE 1	1		-			600
285	002-18080-00	NUT	3		-			600
286	003-20080-00	SPRING WASHER	3		-			600
300	228-63110-10	INJECTION PUMP AY	1		-			600
- 1	228-63119-08	PLUNGER AY	1		-			600
- 2	228-63103-08	DELIVERY VALVE	1		-			600
- 3	228-63124-08	SPRING	1		-			600
- 4	222-63105-08	GASKET	1		-			600
- 5	228-63105-08	O RING	1		-			600
- 25	228-63112-08	BOLT	1		-			600
- 26	222-63116-08	GASKET	2		-			600
- 27	228-63113-08	BOLT	1		-			600
- 28	211-63212-08	GASKET 50623-180	1		-			600
305	228-65017-03	GASKET (INJ. PUMP)	1	T=0.1	-			600
	228-65022-03	GASKET (INJ. PUMP)	1	T=0.2	-			600
	228-65018-03	GASKET (INJ. PUMP)	1	T=0.3	-			600
355	056-11100-20	HOSE CLAMP	1		-			600
360	228-62611-01	FUEL PIPE 11 CP	1		-			600
370	085-10600-00	RUBBER PIPE	1	6X12X250	-			600
375	056-11100-20	HOSE CLAMP	1		-			600
380	052-10500-12	BANJO	1		-			600
400	228-62106-10	FUEL FILTER AY	1		-			600
- 3	243-62101-08	CUP	1		-			600
- 4	228-62108-08	RING NUT	1		-			600
- 5	228-62109-08	O RING	1		-			600
- 6	228-62110-08	ELEMENT	1		-			600
410	228-67630-01	FUEL F. BRACKET CP	1		-			600
411	001-13086-50	BOLT AND WASHER AY	1		-			600
415	056-60001-70	CLAMP	1		-			600
430	231-63301-01	INJECTION PIPE CP	1		-			600

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6 FUEL, LUBRICANT

[illegible]

01/03/16

FIG. 700

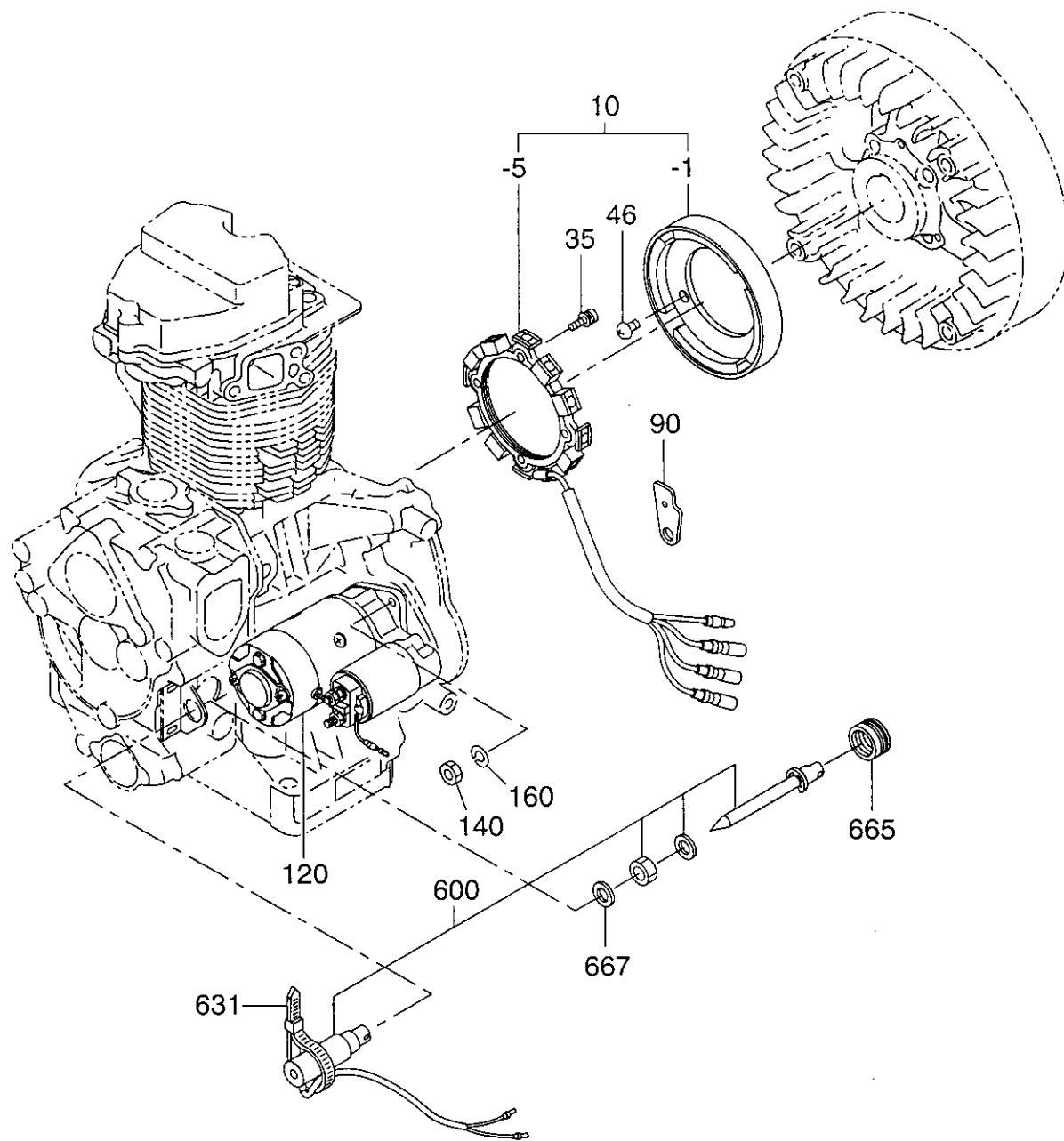
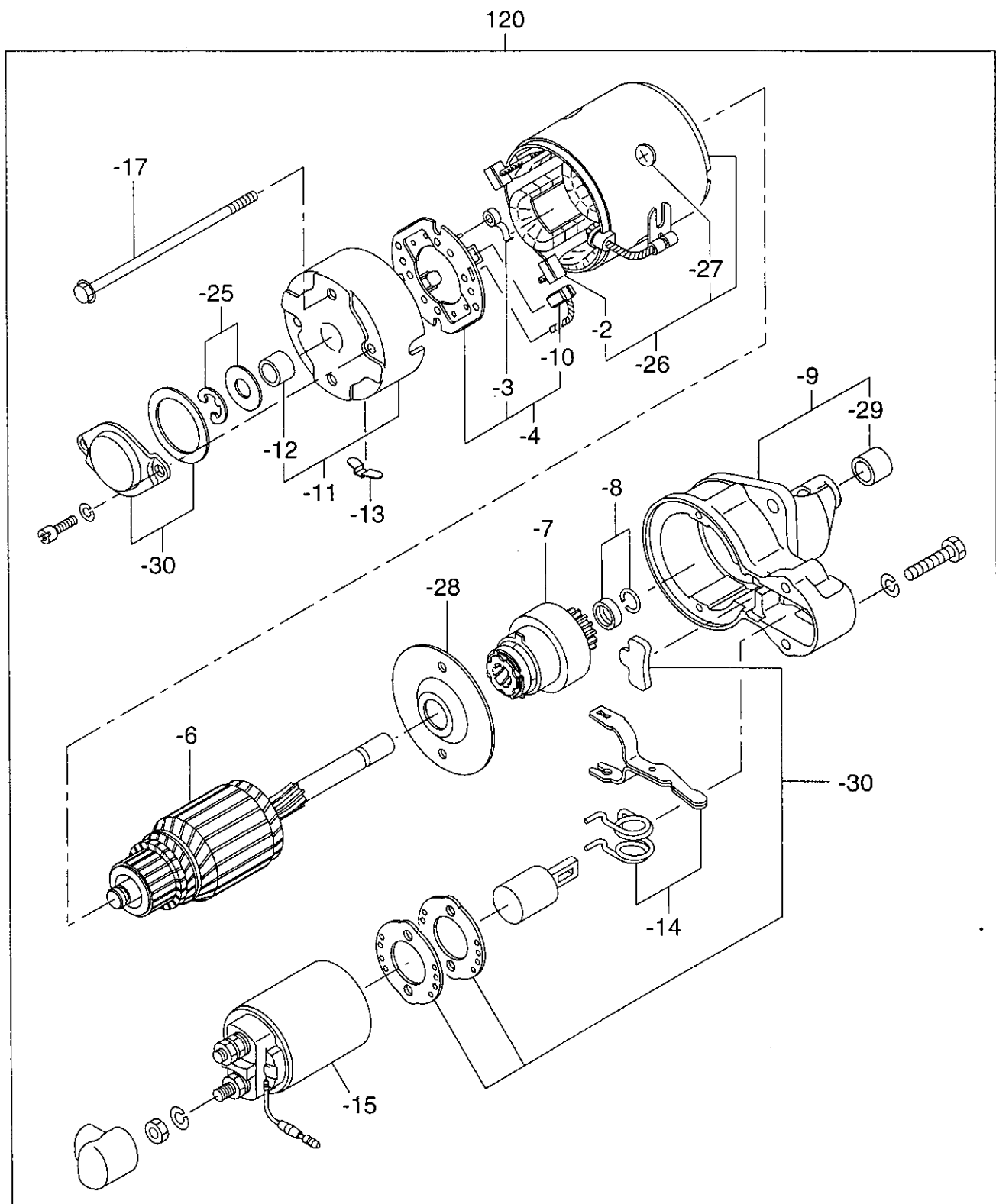


FIG. 700

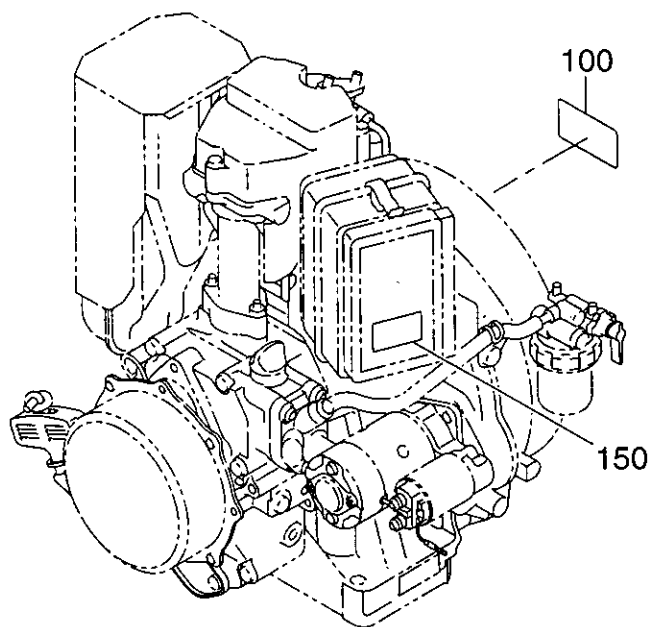


7 ELECTRIC DEVICE

REF.	PART NUMBER	PART NAME	QTY	REMARKS	CODE NO. FROM-TO	INTERCHANGEABLE PART NUMBER	UNIT PRICE	FIG.
10	228-70401-01	GENERATOR CP	1		-			700
- 1	228-70401-08	FLYWHEEL	1		-			700
- 5	228-70402-08	STATOR CP	1		-			700
35	004-35041-20	SCREW AND WASHER AY	4		-			700
46	004-11061-00	SCREW	3		-			700
90	228-75002-01	CLAMP CP	1		-			700
120	210-70502-10	STARTING MOTOR AY	1		-			700
- 2	210-70539-08	BRUSH +	2		-			700
- 3	210-70541-08	BRUSH SPRING	4		-			700
- 4	210-70538-08	BRUSH HOLDER	1		-			700
- 6	210-70532-08	ARMATURE	1		-			700
- 7	210-70544-08	PINION 2114-75005	1		-			700
- 8	210-70534-08	PINION STOPPER SET	1		-			700
- 9	210-70545-08	GEAR CASE AY	1		-			700
- 10	210-70540-08	BRUSH -	2		-			700
- 11	210-70537-18	REAR COVER AY	1		-			700
- 12	210-70542-08	REAR COVER METAL	1		-			700
- 13	210-70551-08	BLIND COVER	1		-			700
- 14	210-70546-08	SHIFT LE 2114-9652	1		-			700
- 15	210-70548-08	MAGNETIC SWITCH AY	1		-			700
- 17	210-70549-08	BOLT	2		-			700
- 25	210-70533-08	THRUST WASHER KIT	1		-			700
- 26	210-70535-08	FIELD COIL	1		-			700
- 27	210-70508-08	SCREW	4		-			700
- 28	210-70543-08	CENTER PLATE	1		-			700
- 29	210-70547-08	GEAR CASE METAL	1		-			700
- 30	210-70550-18	DUST COVER KIT	1		-			700
140	002-18080-00	NUT	2		-			700
160	003-20080-00	SPRING WASHER	2		-			700
600	228-75004-10	SOLENOID AY	1		-			700
631	056-30000-40	WIRE BAND	1		-			700
665	228-75013-03	BOOT (PLANGER)	1		-			700
667	023-01800-50	SPACER	1		-			700

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FIG. 900

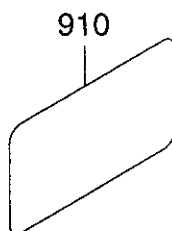
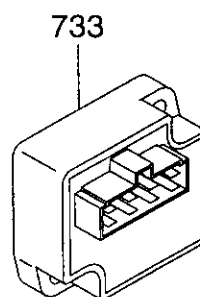
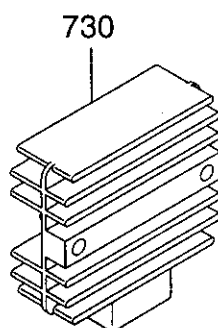
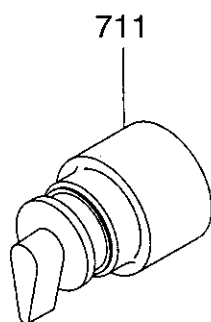
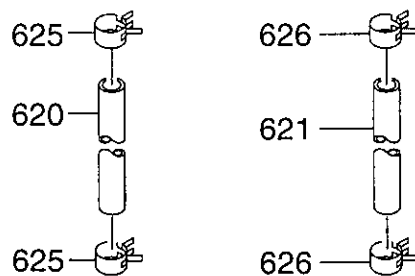


9 ACCESSORIES, LABEL

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FIG.1000



10 OTHERS

[illegible]

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