

Robin Industrial Engines®

PARTS MANUAL

**Model
EH30V**

1193P224



ROBIN AMERICA, INC.
ROBIN TO WISCONSIN ROBIN
ENGINE MODEL CROSS REFERENCE LIST

ROBIN

WISCONSIN ROBIN

SIDE VALVE

EY08	W1-080
EY15	W1-145
EY15V	W1-145V
EY20	W1-185
EY20V	W1-185V
EY23	W1-230
EY28	W1-280
EY35	W1-340
EY40	W1-390
EY45V	W1-450V
EY21	EY21W
EY44	EY44W
EY18-3	EY18-3W
EY25	EY25W
EY27	EY27W

OVERHEAD VALVE

EH11	WO1-115
EH12	WO1-120
EH15	WO1-150
EH17	WO1-170
EH21	WO1-210
EH25	WO1-250
EH30	WO1-300
EH30V	WO1-300V
EH34	WO1-340
EH34V	WO1-340V
EH43V	WO1-430V

TWO CYCLE

EC13V	WT1-125V
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DIESEL

DY23	WRD1-230
DY27	WRD1-270
DY30	WRD1-300
DY35	WRD1-350
DY41	WRD1-410

HOW TO USE THIS PARTS CATALOG

All Robin Industrial Engines have a Production number to identify their specification. The Production number is a 15 digit, alphanumeric number. The first 11 digits are classified as the specification number of the engine. The last 4 digits are the manufacturing code. An example is shown below:

(PRODUCTION NUMBER)	
<u>EY400DD1650</u>	<u>XXXX</u>
(SPECIFICATION #)	(CODE)

All 15 digit production numbers will be located in one of the following locations depending upon the engine model. The number will either be stamped onto a cylinder baffle or attached to one of the other locations by an easily visible label.

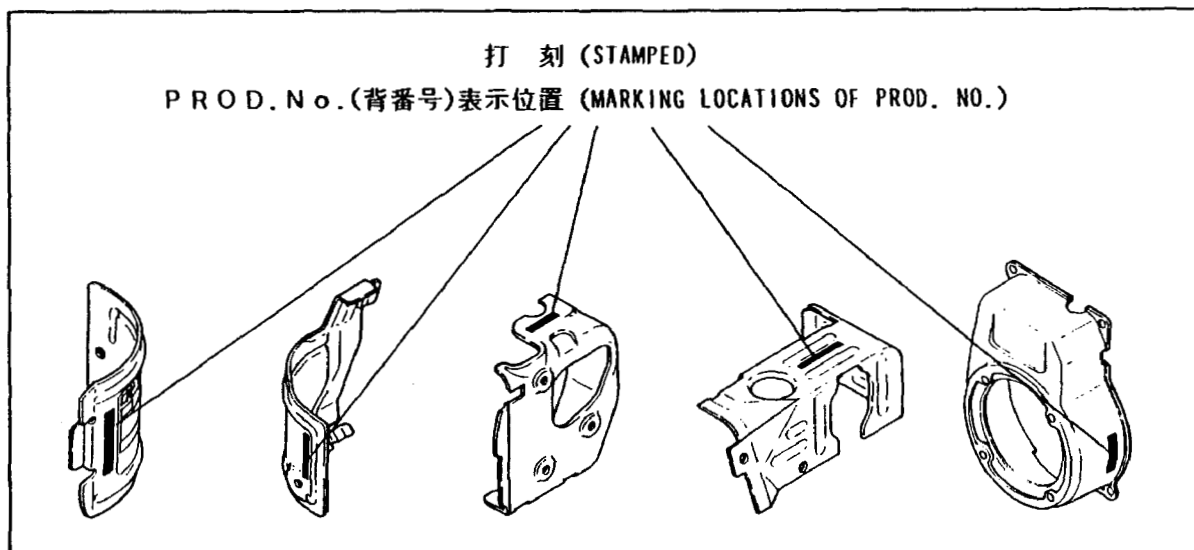
MARKING LOCATIONS OF PRODUCTION NUMBER

PROD.No.

How to check PROD. No.

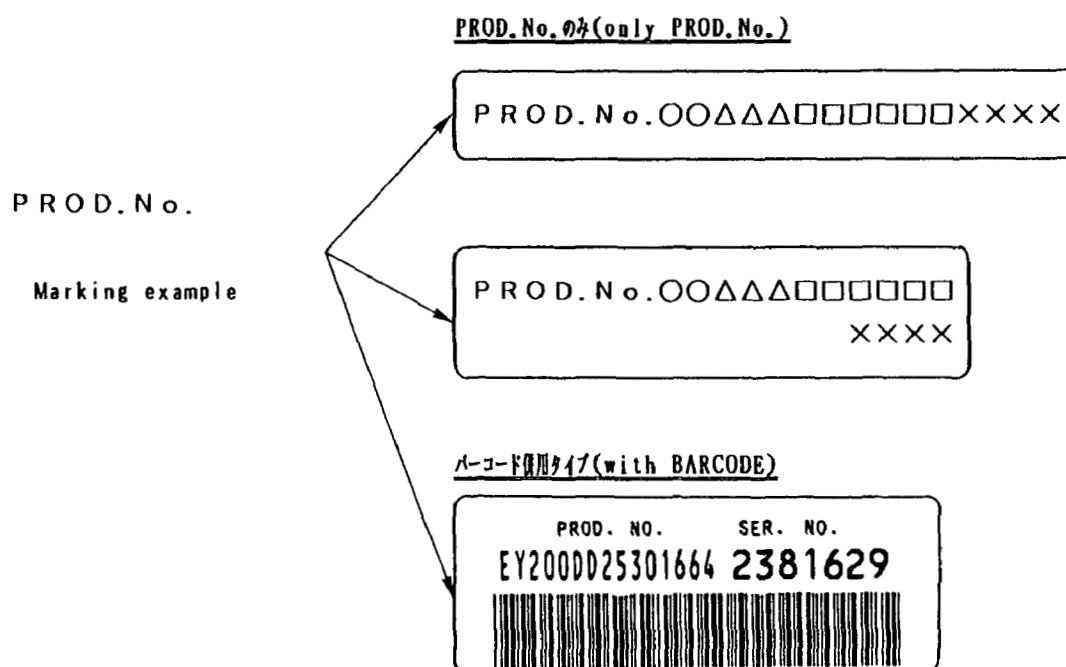
PROD.No.(背番号)は、下記により確認して下さい。

Check PROD. No. as illustrated below.

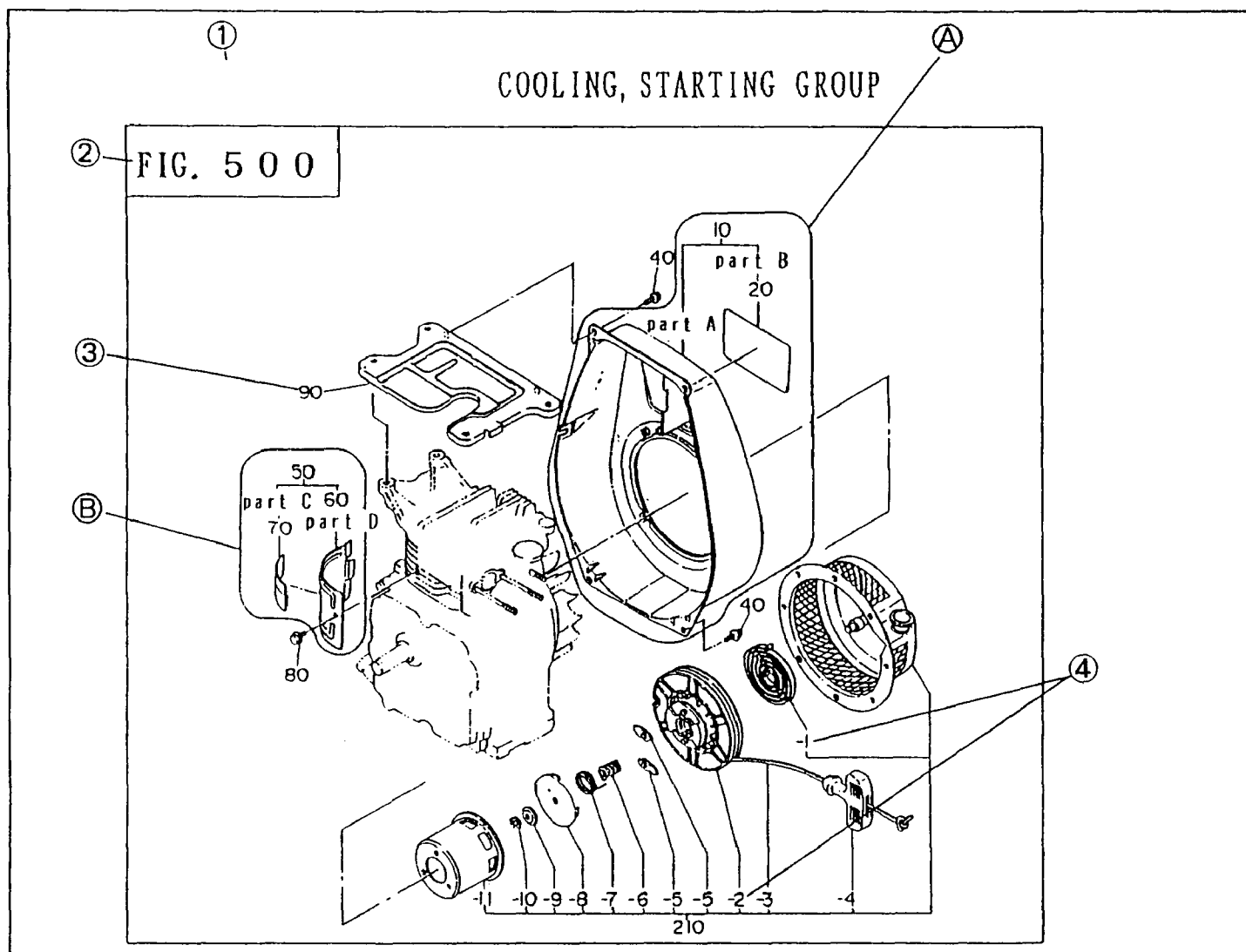


PROD.No.(背番号)15桁は、シリンダーバッフル上に打刻、又はブローハウジングなど見易い位置にラベルの貼付など、いずれかで表示されています。

PROD.No. with 15 characters is marked either by stamping on the cylinder baffle or by sticking label to easily visible locations such as on the blower housing.



How to find the part of your need



NOTE: Some of the parts shown may be somewhat different from their actual shape and location. The illustrations of this catalog are intended to assist in ordering the correct part(s).

[TERMS]

(1) Group..... Parts are classified into functional groups. Refer to the group index for specific groups.

(2) Fig. No.Indicates illustration number and corresponds to the FIG. NO. in the list.

(3) Ref. No. Corresponds to Ref. No. in parts list.

Example A.... The part indicated by Ref. No. 10 consists of part A and B. Part A is available either in the form of an assembly, Ref. No. 10(AY), or as a complete unit, A (CP). Part B is available as a part by itself.

Example B.....Parts C and D are available either as an assembly, Ref. No. 50(AY) or as a complete unit, (CP). Both parts are available as a part by itself.

(4) Sub-divided Ref. No.....Refers to a separate part within a group that is available as an independent part.

COOLING, STARTING GROUP									
① REF NO.	⑥ 部 品 番 号 PART NUMBER	⑦ 部 品 名 称 P A R T N A M E	⑧ 個 数 Q ' T Y	⑨ 管 理 番 号 CODE NO. FROM-TO	⑩ 小 売 単 価 UNIT PRICE	FIG. NO.			
③ 10	234-51201-01	ブロー ハウジング CP BLOWER HOUSING CP	1	D形用 for D type	-	500			
	234-51101-01	ブロー ハウジング CP BLOWER HOUSING CP	1	B形用 for B type	-	500			
20	234-91701-03	ラベル(トレード マーク) LABEL (TRADE MARK)	1		-	500			
⑤ 50	234-52602-01	シリンダ バッフル CP CYLINDER BAFFLE CP	1	D形用 for D type	-	500			
	234-52601-01	シリンダ バッフル CP CYLINDER BAFFLE CP	1	B形用 for B type	-	500			
60	234-52601-03	シリンダ バッフル CYLINDER BAFFLE	1		-	500			
70	234-91802-03	ラベル(エンジン ネーム) LABEL (ENGINE NAME)	1	D形用 for D type	-	500			
	234-91801-03	ラベル(エンジン ネーム) LABEL (ENGINE NAME)	1	B形用 for B type	-	500			
80	011-00600-20	フランジ ボルト FLANGE BOLT	1		-	500			
90	234-52701-23	ヘッド カバー HEAD COVER	1		0091-	500			
	234-52701-13	ヘッド カバー HEAD COVER	1		0001-0090	500			
	234-52701-03	ヘッド カバー HEAD COVER	1		-0000	500			
210	234-50211-00	リコイル スタート AY RECOIL STARTER AY	1		-	500			
④ 1	106-50116-08	スパイラル スプリング SPIRAL SPRING	1		-	500			
2	207-50122-18	リール CP REEL CP	1		-	500			
- 3	106-50113-08	スタータ ロープ STARTER ROPE	1			500			
- 4	206-50101-08	スタータ ノブ STARTER KNOB	1			500			

(5) Part No.....Part number assigned to part used in the applicable product. Is the number to be ordered.

(6) Part Name..Brief description of part number..

(7) Quantity....Number of parts required for particular part number in applicable product.

(8) Remarks....Additional information (if applicable) required for applicable product.

(9) Code No... Indicates modification records and provides identification of the part used in the items with Production No. by referring to the Code No.

Example (C)

[-] The part has been continuously used in the applicable product regardless of Code No.

Example (D)

[0091-] Part used in the products with code number after 0091.

[0001-

0091] Part used in the products with code number between 0001 - 0091.

[- 0000] Part used in the products with code number before 0000.

(10) Unit Price..Refer to Robin America published Parts Price Catalog for pricing.

[Note] Information on parts for Engines with a Code Number before 0001 and without a Production No. stamped on the engines are available by providing the engine serial number found stamped on the crankcase of the engine.

EH30V

CONTENTS

CRANKCASE GROUP

CRANKSHAFT, PISTON GROUP

INTAKE, EXHAUST GROUP

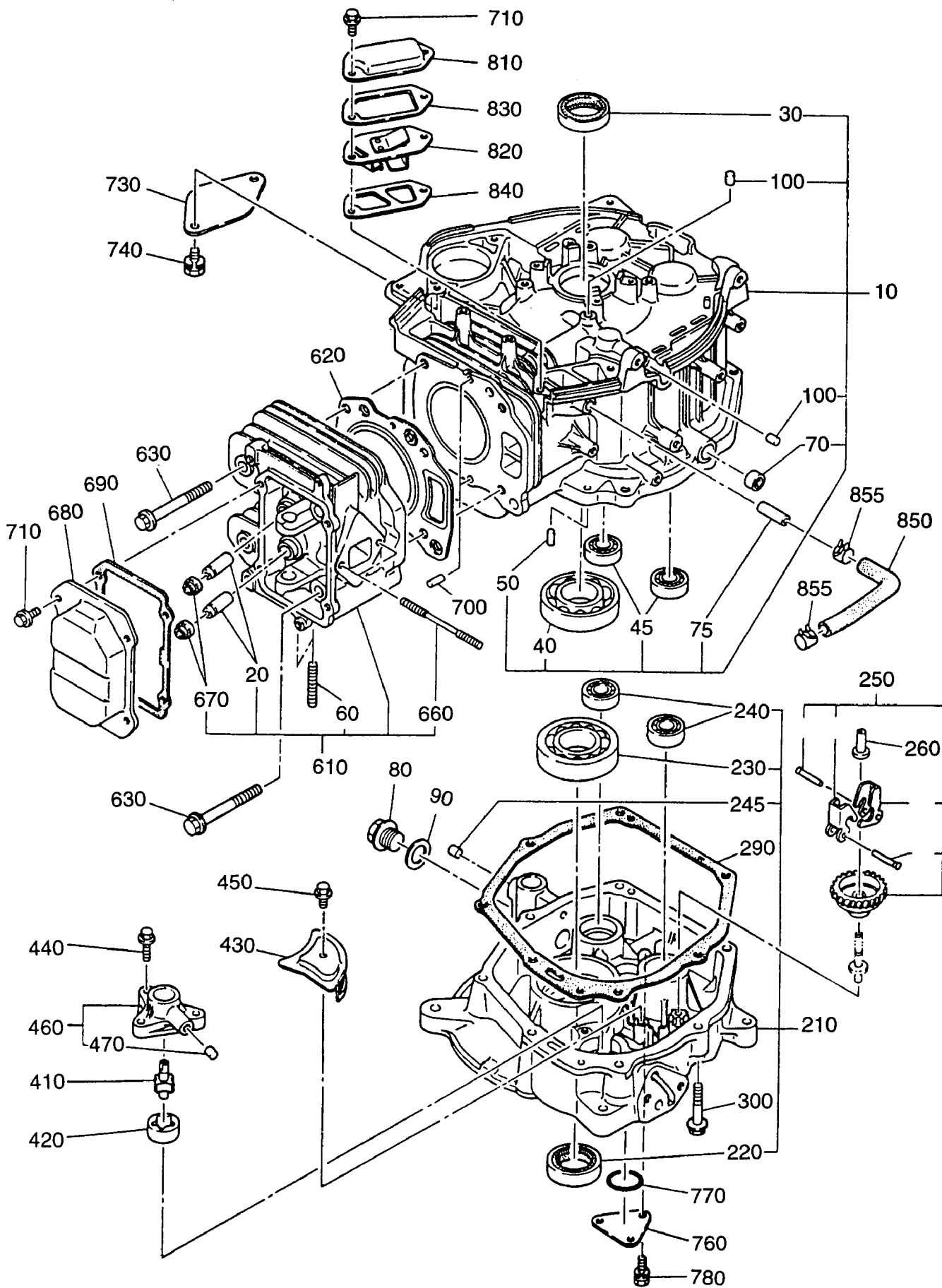
GOVERNOR, OPERATION GROUP

COOLING, STARTING GROUP

FUEL, LUBRICANT GROUP

ELECTRIC DEVICE GROUP

CRANKCASE GROUP



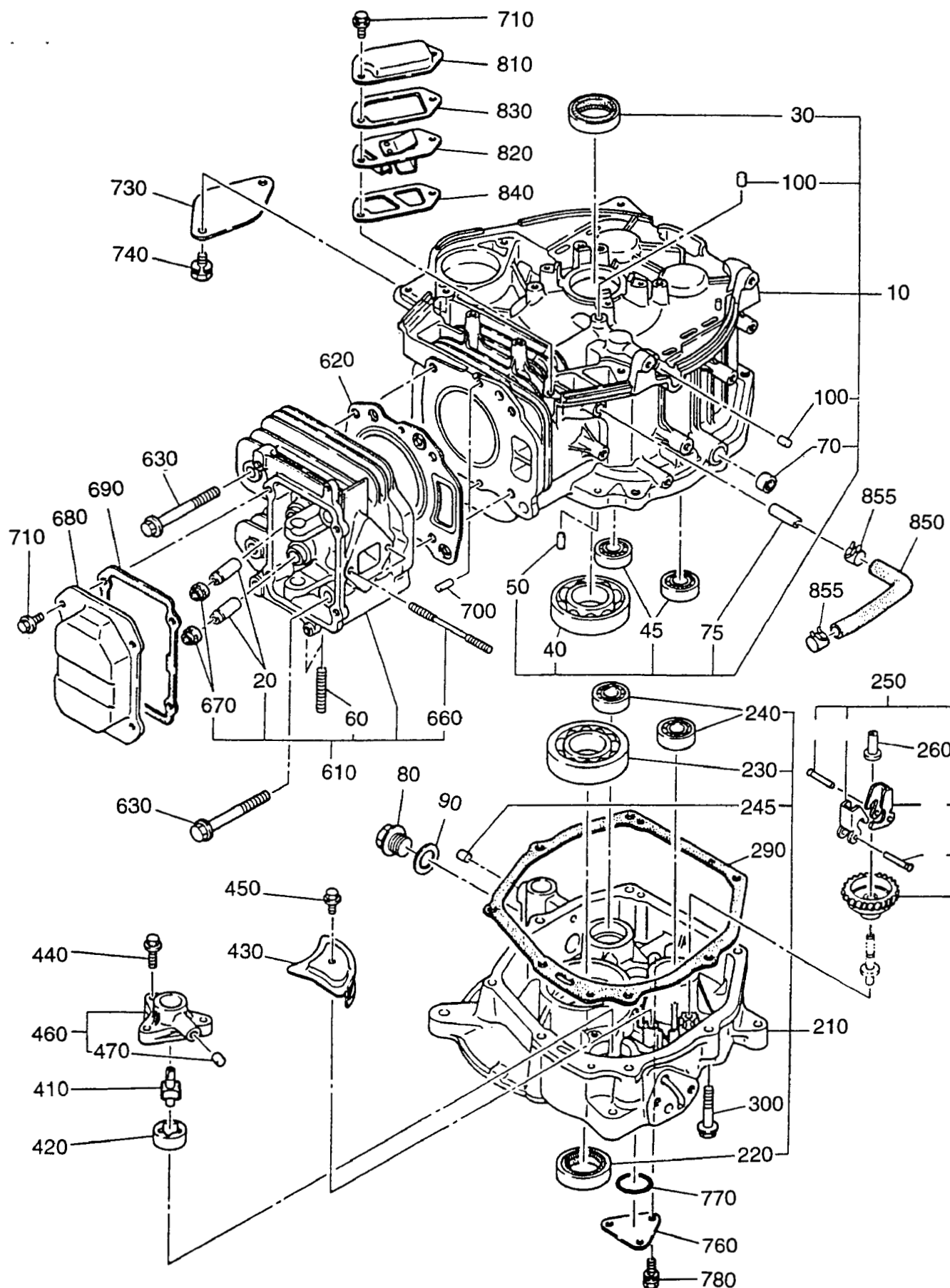
CRANKCASE

REF.	PART NUMBER	PART NAME	QTY	REMARKS	CODE NO. FROM-TO	INTERCHANGEABLE PART NUMBER	UNIT PRICE	FIG.
10	246-10501-01	CRANKCASE CP	1		-			100
20	246-14202-03	VALVE GUIDE	2	OVER SIZE	-			100
30	044-03500-90	OIL SEAL	1	35X48X8	-			100
40	060-03500-10	BALL BEARING	1	BB6207C3	-			100
45	060-01500-10	BALL BEARING	2	BB6202C3	-			100
50	031-00600-20	DOWEL PIN	2		-			100
60	010-50804-30	STUD	2		-			100
70	044-00800-20	OIL SEAL	1		-			100
75	246-39201-01	UNION CP	1		-			100
80	040-12000-10	PLUG	1		-	807020010		100
90	021-12000-10	GASKET	1		-	311680100		100
100	235-15401-03	PLUG(CRANK CASE)	2		-			100
210	247-11301-11	MAIN BEARING COVER C	1		-			100
220	044-03500-90	OIL SEAL	1	35X48X8	-			100
230	060-03500-10	BALL BEARING	1	BB6207C3	-			100
240	060-01500-10	BALL BEARING	2	BB6202C3	-			100
245	235-15411-03	PLUG(BEARING COVER)	1		-			100
250	246-45002-01	GOVERNOR GEAR CP	1		-			100
260	205-41901-03	GOVERNOR SLEEVE	1		-			100
290	246-15201-03	GASKET(BEARING COVER)	1		-			100
300	011-00800-90	FLANGE BOLT	7		-			100
410	246-63905-01	OIL PUMP(INNER) CP	1		-			100
420	246-63904-03	OIL PUMP(OUTER)	1		-			100
430	246-64301-02	OIL FILTER UN	1		-			100
440	011-00601-60	FLANGE BOLT	3		-			100
450	011-00600-20	FLANGE BOLT	1		-			100
460	246-16102-01	HOLDER(CAM SHAFT) CP	1		-			100
470	235-15401-03	PLUG(CRANK CASE)	1		-			100
610	246-13302-11	CYLINDER HEAD CP	1		-			100
620	246-15002-03	GASKET (HEAD)	1		-			100
630	011-01000-40	FLANGE BOLT	4		-			100
660	010-50602-91	STUD	2		-			100
670	239-16302-13	OIL SEAL	2		-			100
680	246-15503-02	ROCKER COVER UN	1		-			100
690	246-16003-03	GASKET(ROCKER COV)	1		-			100
700	031-00600-20	DOWEL PIN	2		-			100

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EH300YV0000 EX. RE. V-STD(R/A)

CRANKCASE GROUP



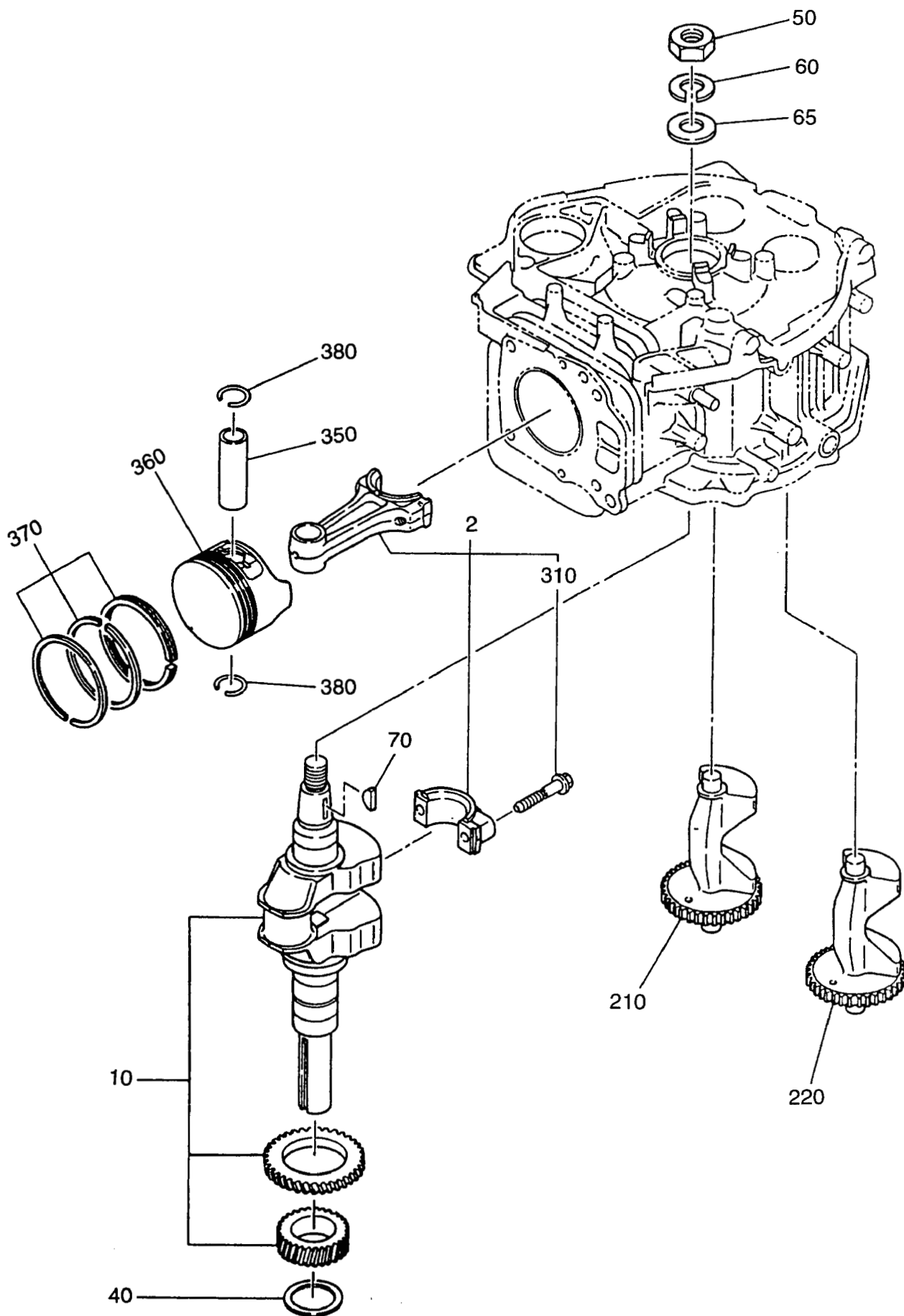
CRANKCASE

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EH300YV0000 EX, RE, V-STD (R/A)

CRANKSHAFT, PISTON GROUP



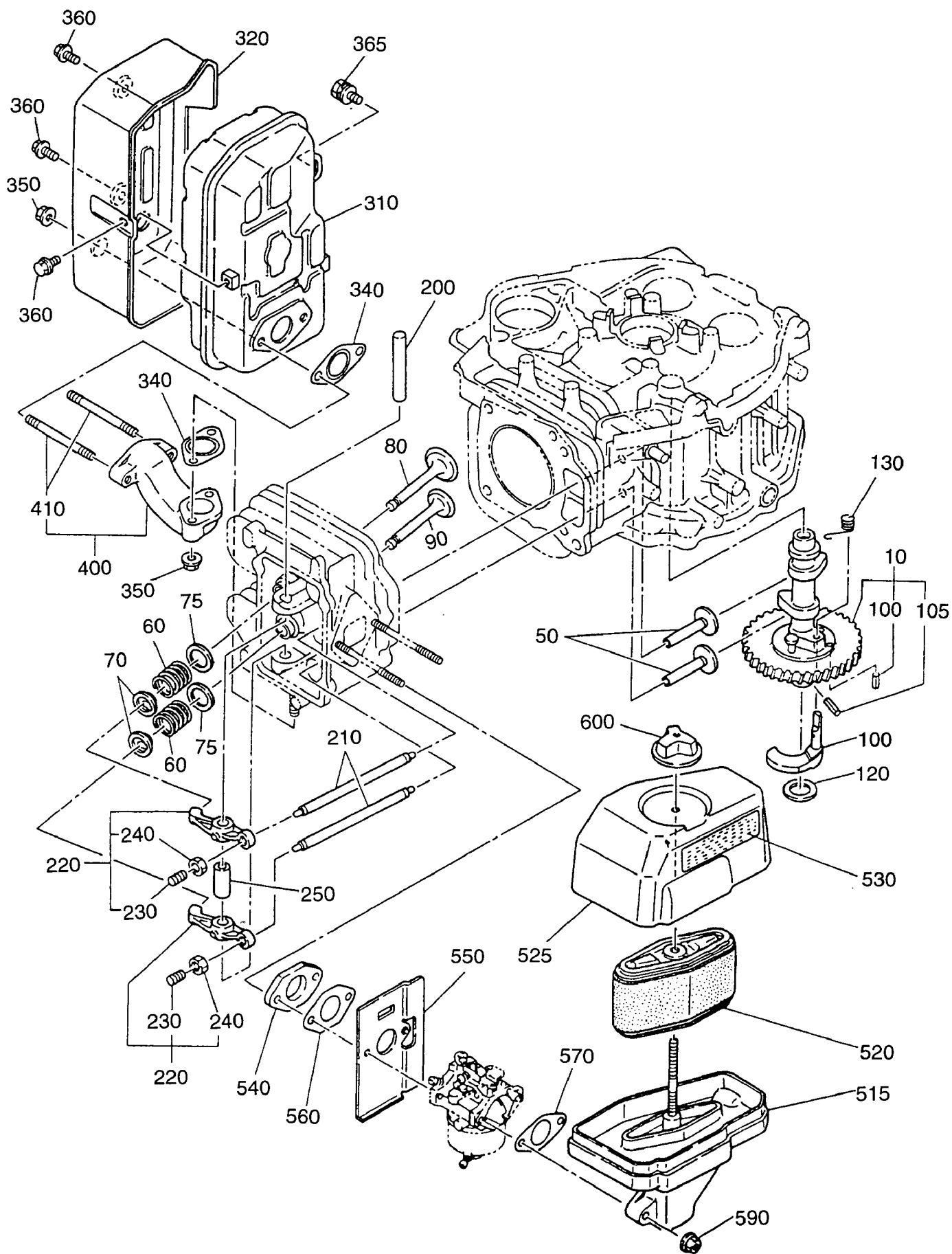
CRANKSHAFT. PISTON

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EH300YV0000 EX, RE, V-STD (R/A)

INTAKE, EXHAUST GROUP



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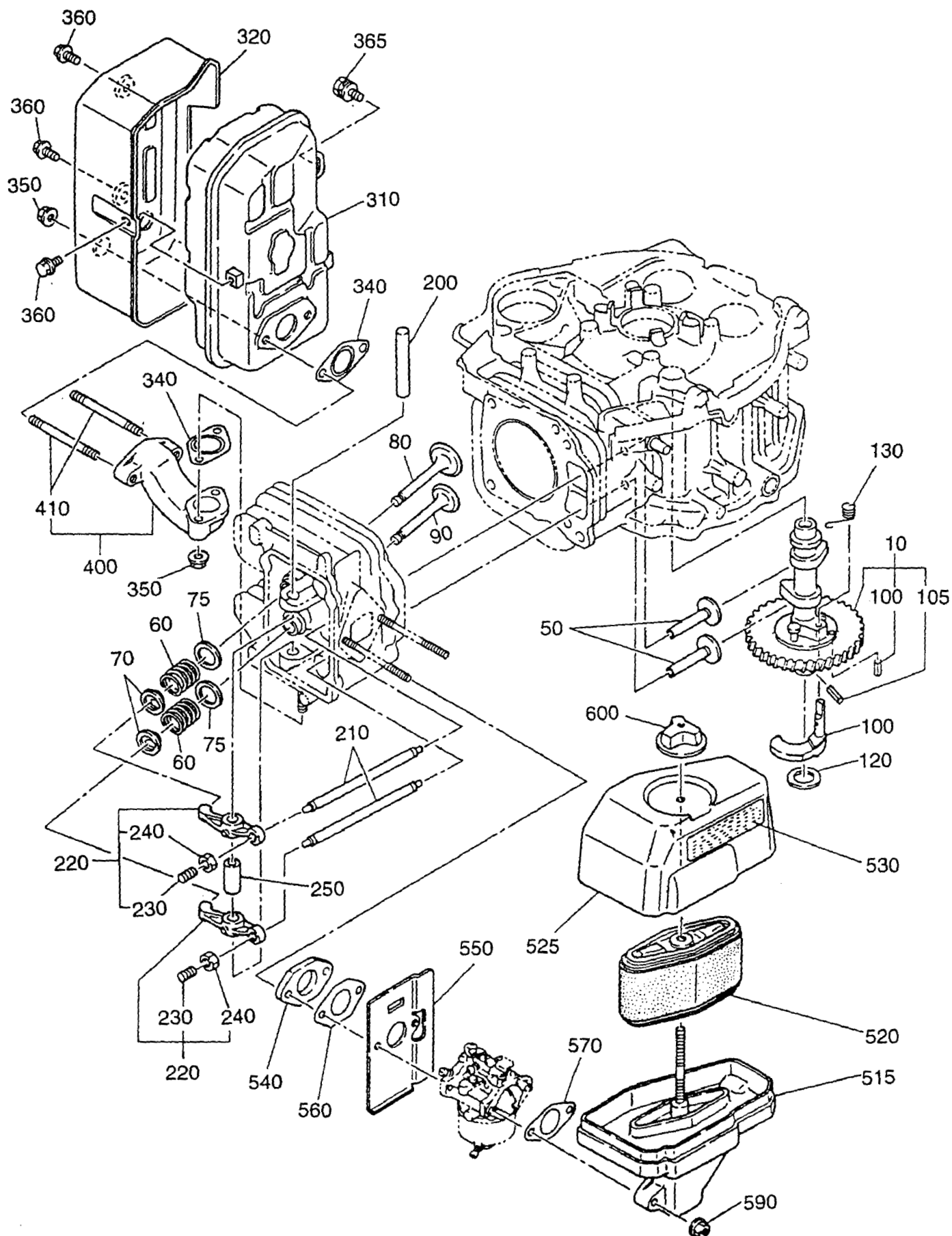
INTAKE EXHAUST

REF.	PART NUMBER	PART NAME	QTY	REMARKS	CODE NO. FROM-TO	INTERCHANGEABLE PART NUMBER	UNIT PRICE	FIG.
10	246-31702-01	CAMSHAFT CP	1		-			300
50	246-33301-03	TAPPET	2		-			300
60	246-33601-03	VALVE SPRING	2		-			300
70	246-33701-13	SPRING RETAINER	2		-			300
75	020-02000-10	WASHER	2		-			300
80	246-33401-03	INTAKE VALVE	1		-			300
90	246-33501-03	EXHAUST VALVE	1		-			300
100	005-19041-00	SPRING PIN	1		-			300
105	005-19251-80	SPRING PIN	1		-			300
110	246-36201-01	RELEASE LEVER CP	1		-			300
120	023-02200-50	SPACER T=0.6	1	T=0.6	-			300
	023-02200-70	SPACER T=0.8	1	T=0.8	-			300
130	246-36701-03	RETURN SPRING	1		-			300
200	239-35001-03	ROCKER SHAFT	1		-			300
210	246-35301-11	PUSH ROD CP	2		-			300
220	246-36101-10	ROCKER ARM AY	2		-			300
230	014-90800-21	ADJUSTING SCREW	2		-			300
240	017-00800-90	NUT	2		-			300
250	246-36120-13	SPACER(ROCKER SHAFT)	1		-			300
310	246-30101-21	MUFFLER CP	1		-			300
320	246-34201-21	MUFFLER COVER CP	1		-			300
340	246-35201-03	GASKET(MUFFLER)	2		-			300
350	018-00800-10	FLANGE NUT	4		-			300
360	011-00600-10	FLANGE BOLT	3		-			300
365	001-11081-60	BOLT AND WASHER AY	1		-			300
400	246-34001-01	EXHAUST PIPE CP	1		-			300
410	010-50803-60	STUD	2		-			300
510	246-32802-00	AIR CLEANER AY	1		-			300
515	246-32802-01	CLEANER BASE CP	1		-			300
520	246-32822-01	CLEANER ELEMENT CP	1		-			300
525	246-32812-03	CLEANER COVER	1		-			300
530	073-20039-50	LABEL(AIR CLEANER)	1		-			300
540	246-32902-03	INSULATOR	1		-			300
550	246-35901-23	GASKET (INSULATOR)	1		-			300
560	234-35901-03	GASKET (INSULATOR)	1	T=0.3	-			300
570	246-36004-03	GASKET (AIR CLEANER)	1		-			300

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EH300YV0000 EX. RE. V-STD(R/A)

INTAKE, EXHAUST GROUP



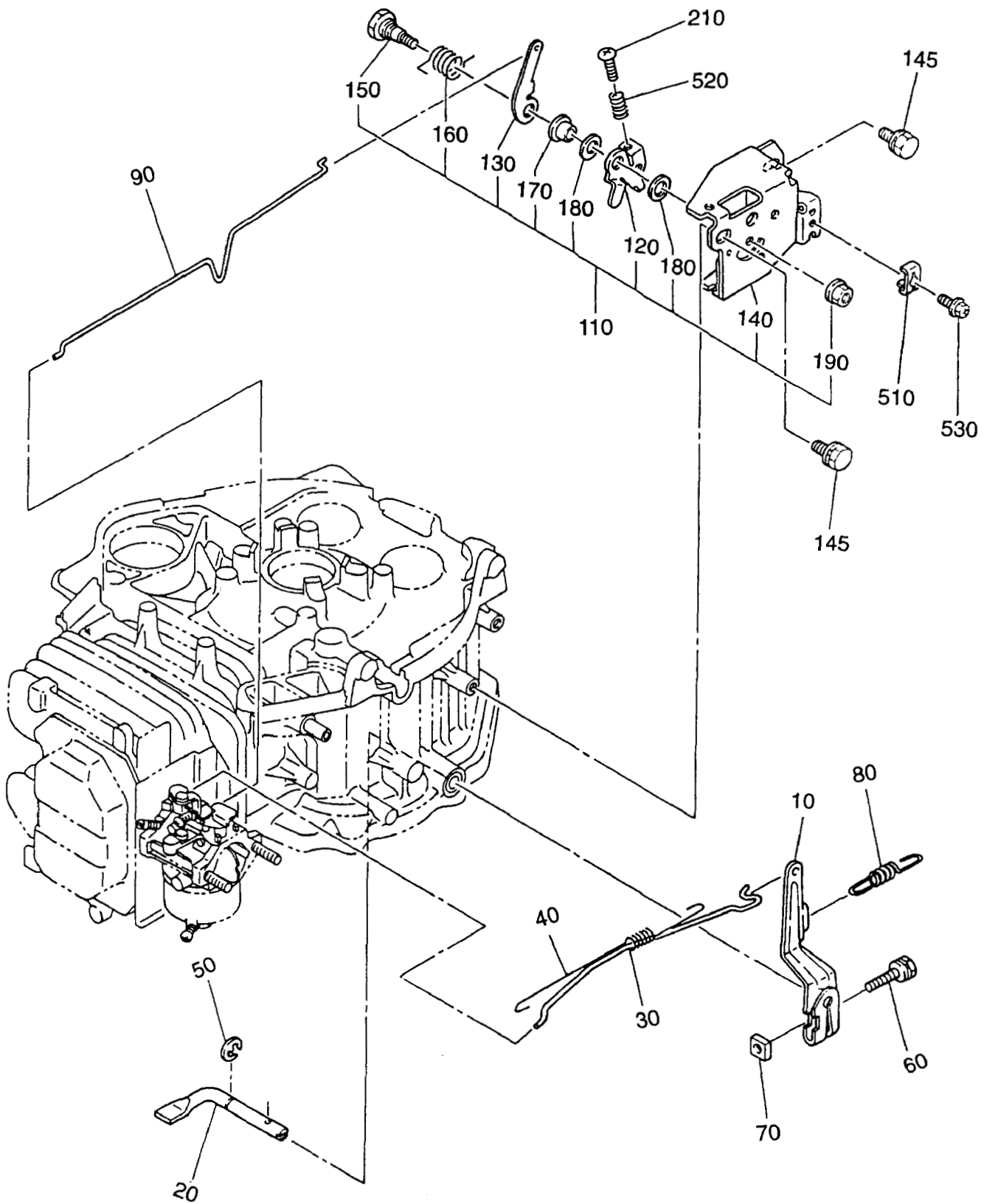
INTAKE EXHAUST

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EH300YV0000 EX, RE, V-STD (R/A)

GOVERNOR, OPERATION GROUP



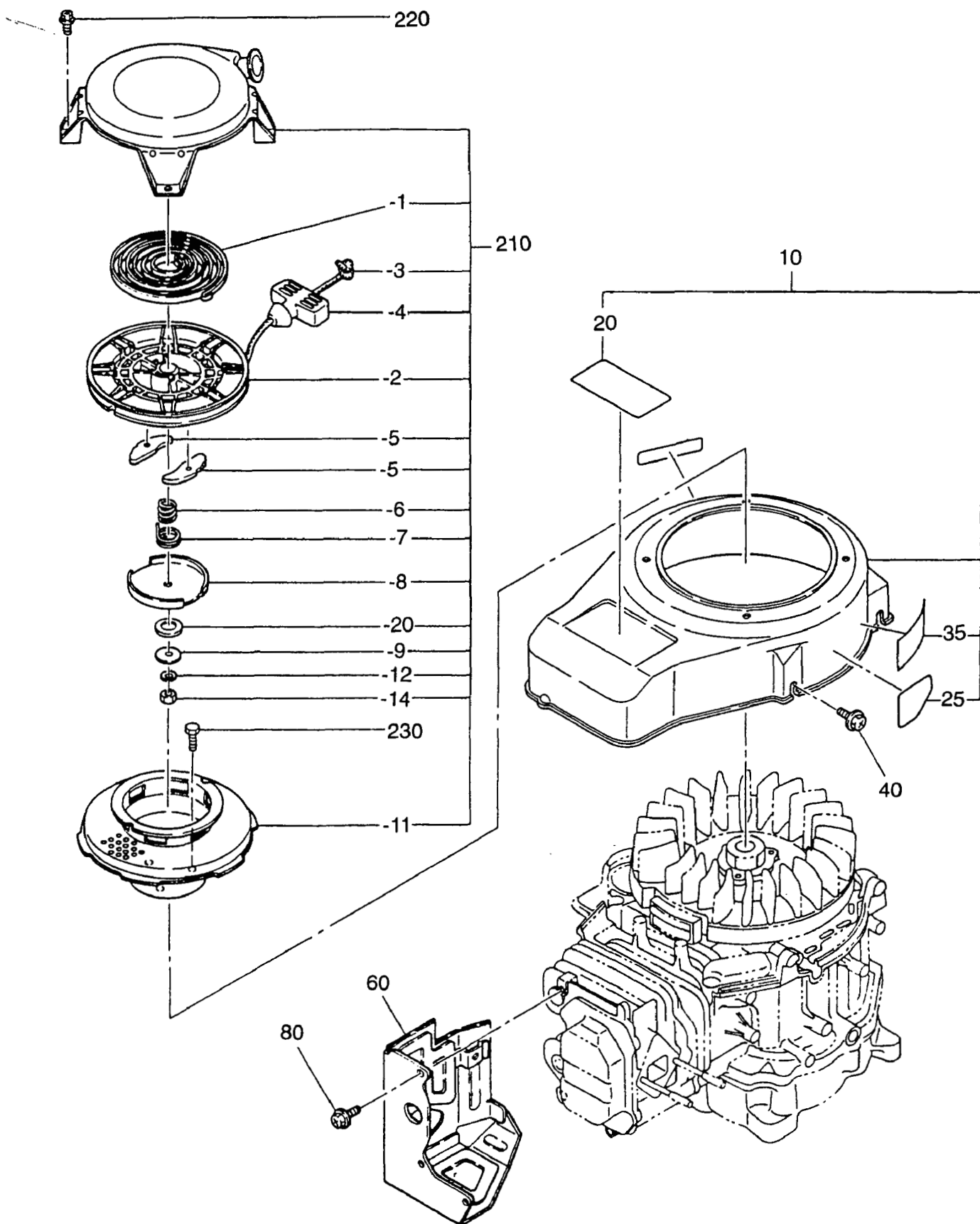
GOVERNOR OPERATION

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EH300YV0000 EX, RE, V-STD (R/A)

COOLING, STARTING GROUP



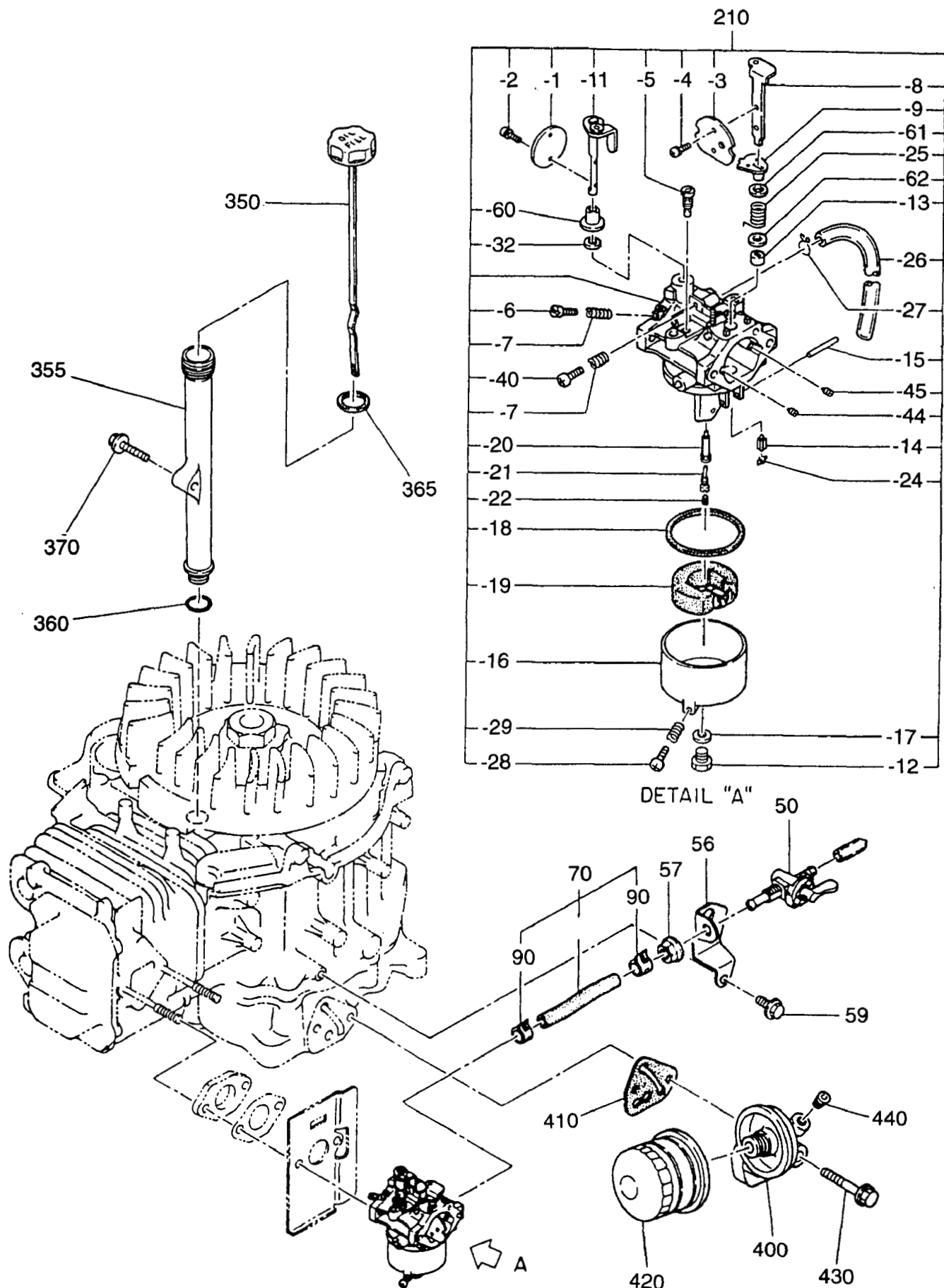
COOLING. STARTING

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EH300YV0000 EX, RE, V-STD (R/A)

FUEL, LUBRICANT GROUP



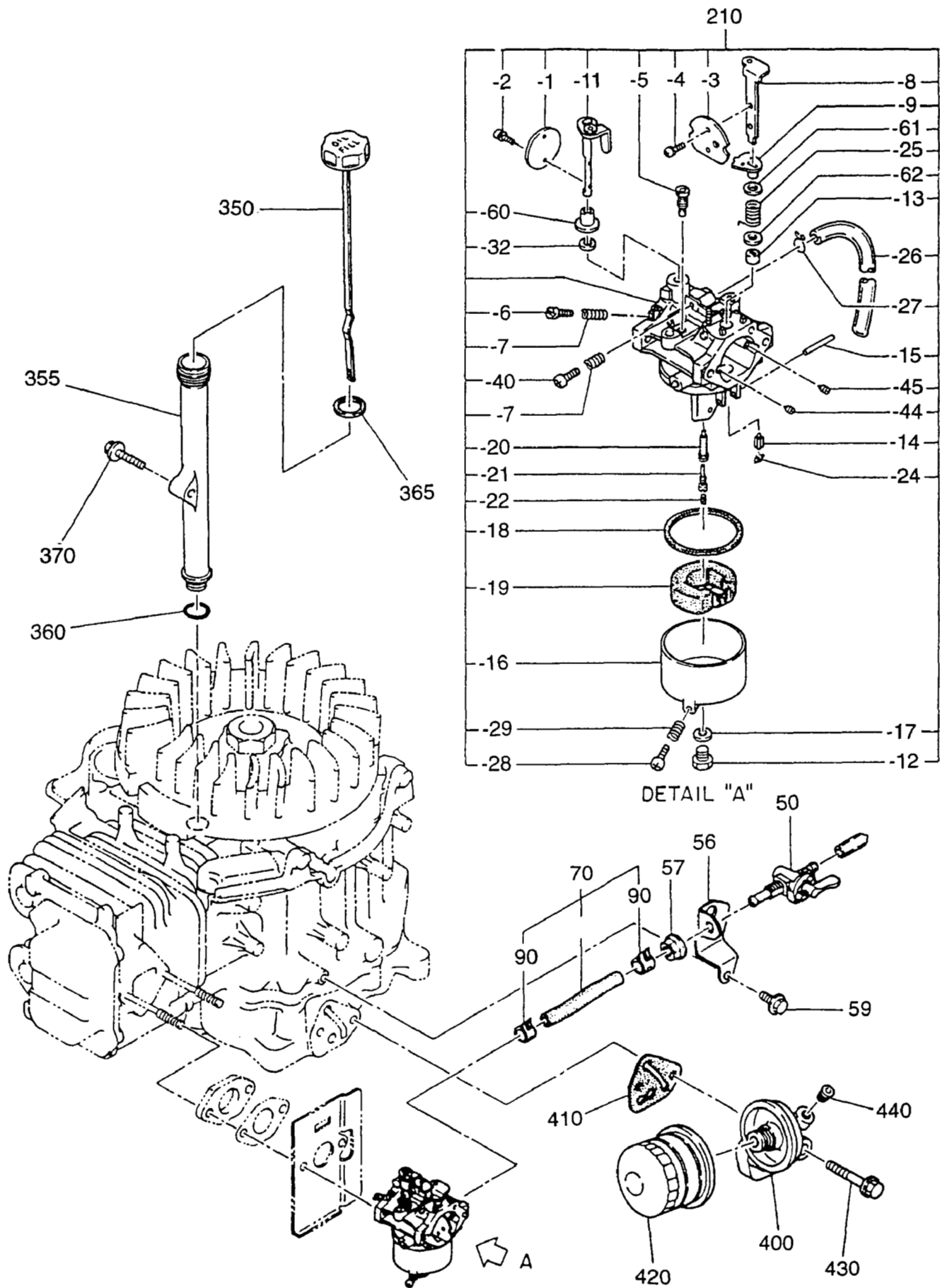
FUEL, LUBRICANT

REF.	PART NUMBER	PART NAME	QTY	REMARKS	CODE NO. FROM-TO	INTERCHANGEABLE PART NUMBER	UNIT PRICE	FIG.
50	235-64601-20	FUEL COCK AY	1		-			600
56	246-65001-01	BRACKET (FUEL COCK)	1		-			600
57	002-38100-00	FLANGE NUT	1		-			600
59	011-00600-20	FLANGE BOLT	1		-			600
70	226-62617-01	FUEL PIPE CP	1		-			600
90	056-11100-20	HOSE CLAMP	2		-			600
210	246-62401-30	CARBURETOR AY	1		-			600
- 1	207-62535-08	THROTTLE VALVE	1		-			600
- 2	209-62351-08	SCREW	2		-			600
- 3	234-62525-08	CHOKE VALVE	1		-			600
- 4	237-62451-08	SCREW	2		-			600
- 5	216-62303-08	PILOT JET	1		-			600
- 6	209-62305-08	PILOT SCREW	1		-			600
- 7	209-62445-08	SPRING	2		-			600
- 8	247-62520-08	CHOKE LEVER	1		-			600
- 9	239-62560-08	RING	1		-			600
- 11	247-62531-08	THROTTLE SAFT AY	1		-			600
- 12	150-62358-08	BOLT	1		-			600
- 13	226-62550-08	RING	1		-			600
- 14	224-62312-08	NEEDLE VALVE AY	1		-			600
- 15	214-62515-08	PIN	1		-			600
- 16	234-62552-08	FLOAT CHAMBER BODY	1		-			600
- 17	207-62345-08	INSERT WASHER	1		-			600
- 18	206-62540-08	CHAMBER PACKING	1		-			600
- 19	234-62506-08	FLOT AY	1		-			600
- 20	234-62440-08	NOZZLE	1		-			600
- 21	234-62425-08	PIPE AY	1		-			600
- 22	227-62405-08	MAIN JET	1		-			600
- 24	224-62569-08	CLIP	1		-			600
- 25	247-62445-08	SPRING (CHOKE)	1		-			600
- 26	234-62453-08	HOSE	1		-			600
- 27	234-62454-08	CLIP	1		-			600
- 28	224-62450-08	SCREW	1		-			600
- 29	209-62445-08	SPRING	1		-			600
- 32	246-62390-08	SEAL	1		-			600
- 40	224-62452-08	SCREW	1		-			600

93/09/24

EH300YV0000 EX, RE, V-STD (R/A)

FUEL, LUBRICANT GROUP



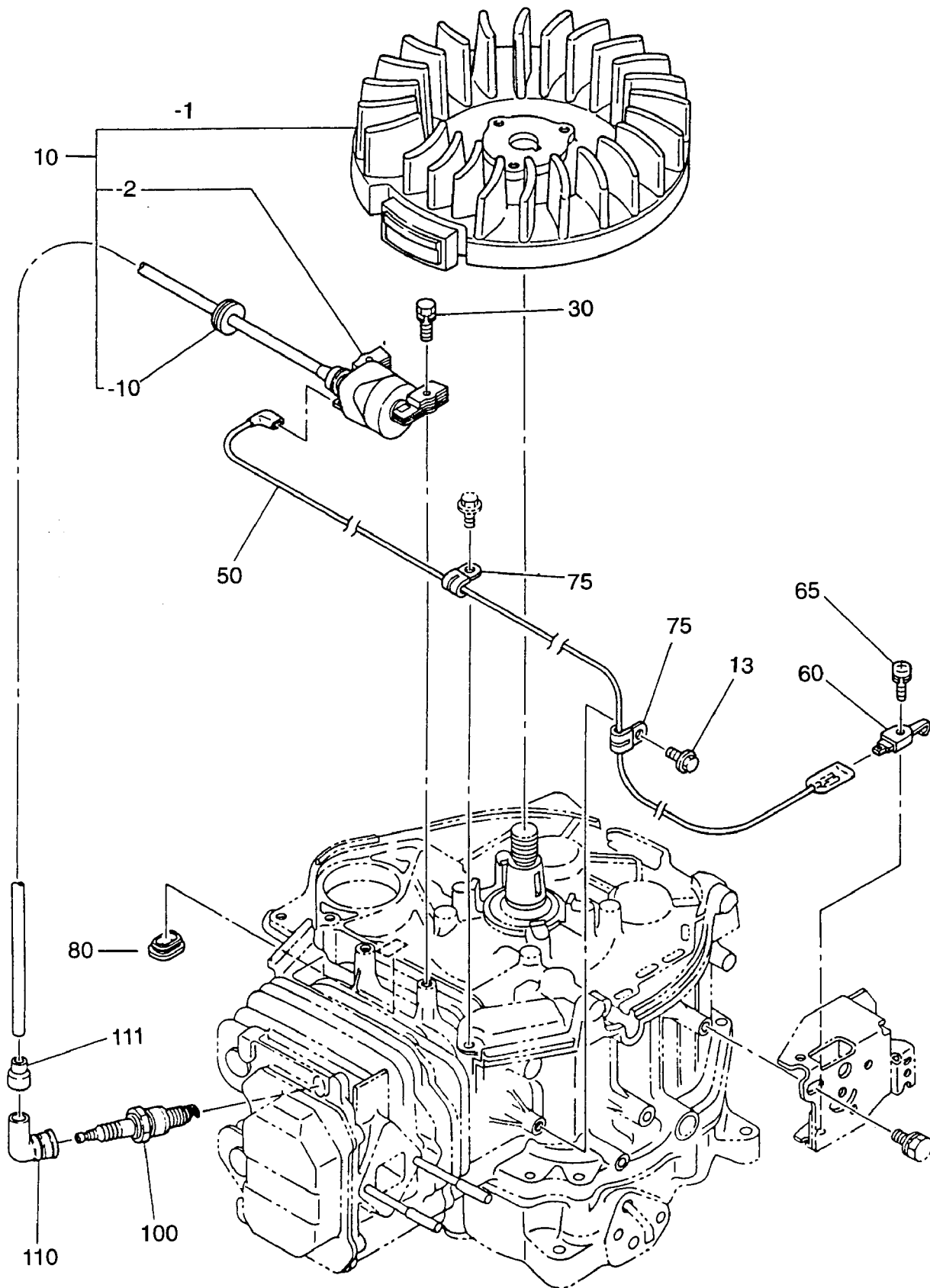
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EH30V

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EH300YV0000 EX, RE, V-STD (R/A)

ELECTRIC DEVICE GROUP



[illegible]

EH300YV0000 EX, RE, V-STD (R/A)

— NOTES —



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