



Robin Engine

Model EH29-2C
for E-Z-GO

PARTS CATALOG

Spec. No. EH292CE1000(EPA) ☐
EH29CPG5012(EPA) ☒

FIG.1 CRANKCASE and CYLINDER

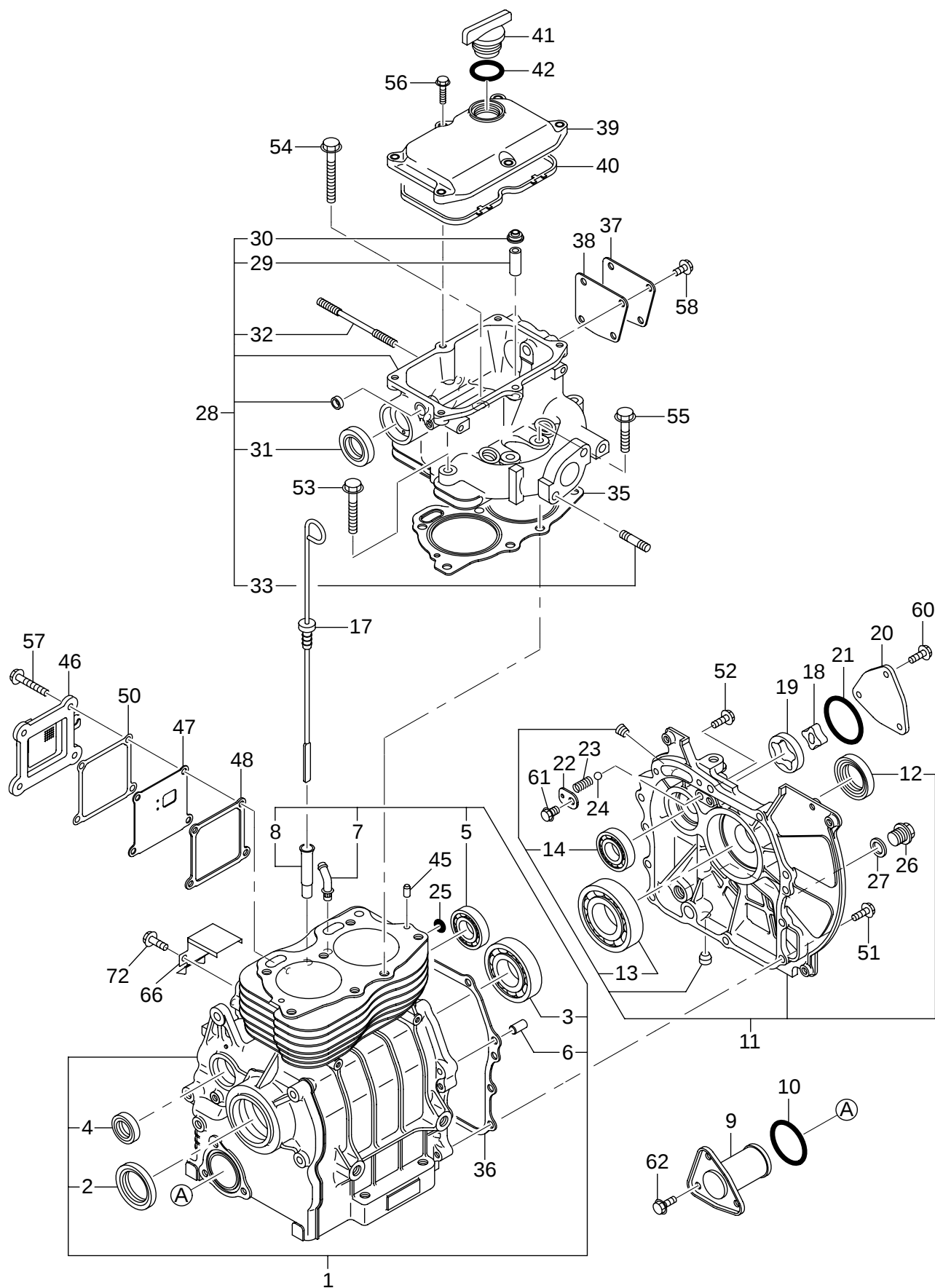


FIG.1 CRANKCASE and CYLINDER

Interchangeability

Ref. No.	Part Number	Description	Q'ty		Execution
*1	285-10101-A1	CRANKCASE COMPL. Includes items 2 thru 8	1		
*1	251-10201-C1	CRANKCASE COMPL. Includes items 2 thru 8	1		
2	044-03500-90	OIL SEAL (35×48×8)	1		
3	X60-03500-40	BALL BEARING (6007)	1		
3	060-03500-40	BALL BEARING (6007)	1		
4	044-02000-70	OIL SEAL (20×32×6)	1		
5	X60-02001-00	BALL BEARING (6004)	1		
5	060-02001-00	BALL BEARING (6004)	1		
6	X31-00800-80	DOWEL PIN	2		
7	251-66301-01	ELBOW	1		
8	251-66201-C1	GUIDE (OIL GAUGE) COMPL.	1		
9	251-64303-01	OIL PUMP FILTER COMPL.	1		
9	251-64302-01	OIL PUMP FILTER COMPL.	1		
10	024-03900-10	O RING	1		
*11	285-11001-B1	MAIN BEARING COVER COMPL. Includes items 12 thru 14	1		
*11	251-11002-B1	MAIN BEARING COVER COMPL. Includes items 12 thru 14	1		
12	044-03000-30	OIL SEAL (30×45×8)	1		
13	X60-03500-10	BALL BEARING (6207)	1		
13	060-03500-10	BALL BEARING (6207)	1		
14	X60-02001-00	BALL BEARING (6004)	1		
14	060-02001-00	BALL BEARING (6004)	1		
17	259-63601-01	OIL GAUGE COMPL.	1		
18	251-63901-H3	INNER ROTOR	1		
18	251-63901-03	INNER ROTOR	1		
19	251-63902-H3	OUTER ROTOR	1		
19	251-63902-03	OUTER ROTOR	1		
20	251-66002-A1	COVER (OIL PUMP)	1		
21	024-04700-10	O RING	1		
22	251-65001-03	PLATE (RELIEF VALVE)	1		
23	251-65101-A3	SPRING (RELIEF VALVE)	1		
24	045-00600-20	STEEL BALL	1		
25	024-00700-10	O RING	1		
26	X40-11400-30	PLUG	1		
27	021-11400-20	GASKET	1		
*28	285-13001-A1	CYLINDER HEAD COMPL. Includes items 29 thru 33	1		
*28	251-13001-C1	CYLINDER HEAD COMPL. Includes items 29 thru 32	1		
29	237-14202-03	VALVE GUIDE	4		
30	277-16010-01	STEM SEAL	4		
30	251-16010-01	STEM SEAL	4		
31	044-02502-00	OIL SEAL (25×38×7)	1		
31	044-02500-70	OIL SEAL (25×38×7)	1		
32	010-50604-40	STUD (M6×1.0×135)	2		
33	010-50802-90	STUD (M8×1.25×30)	2		ADD.
35	251-15002-03	GASKET (HEAD)	1		
35	251-15001-03	GASKET (HEAD)	1		

'03-8

EH292C

FIG.1 CRANKCASE and CYLINDER

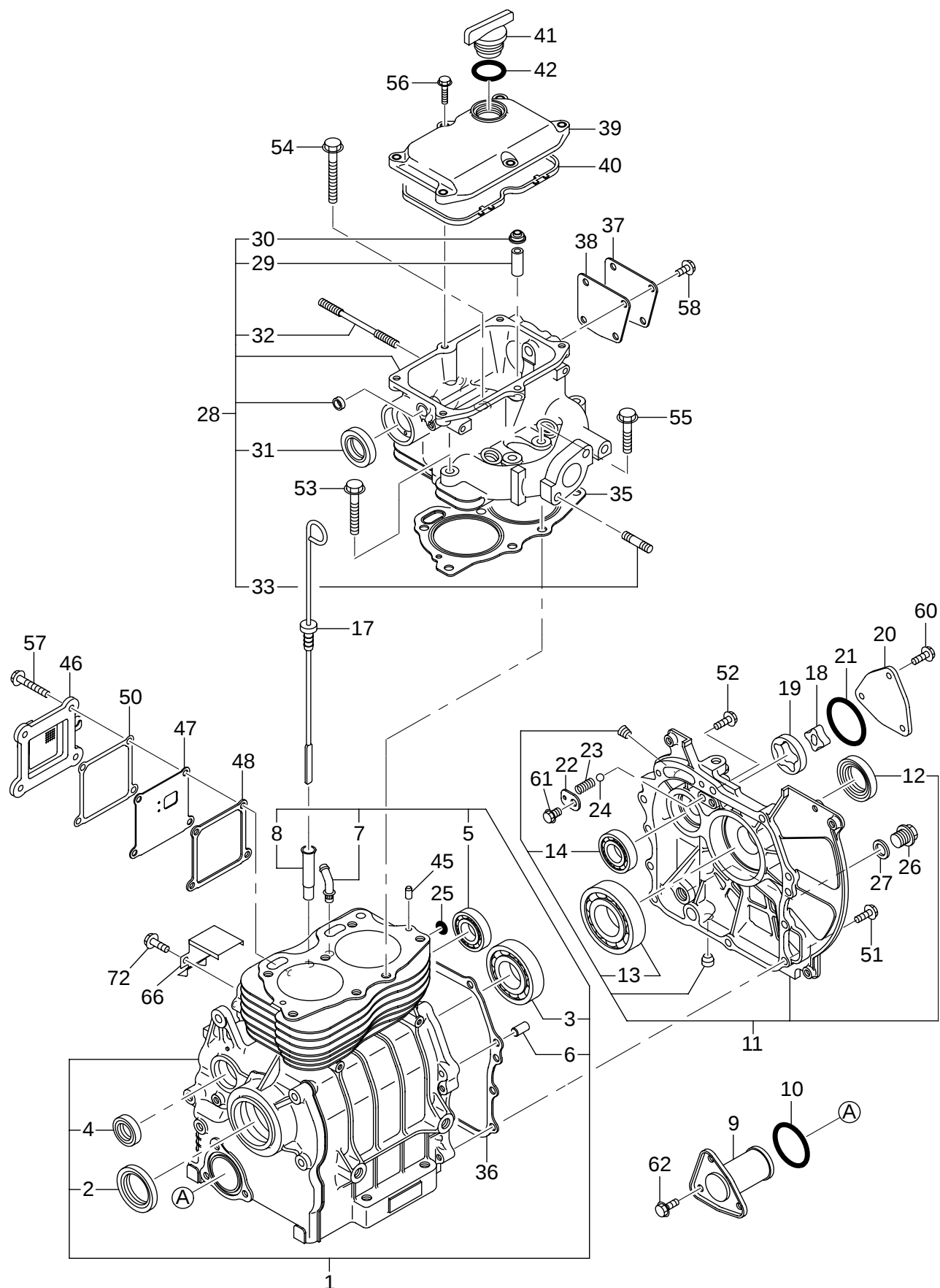


FIG.1 CRANKCASE and CYLINDER

Interchangeability				
Ref. No.	Part Number	Description	Q'ty	Execution
36	285-15101-A3	GASKET (BEARING COVER)	1	✖
36	259-15102-03	GASKET (BEARING COVER)	1	
37	251-15601-A1	COVER (CAMSHAFT)	1	○
37	251-15601-01	COVER (CAMSHAFT)	1	
38	251-15201-A3	GASKET (COVER CAM)	1	✖
38	251-15201-13	GASKET (COVER CAM)	1	
39	285-15501-01	ROCKER COVER COMPL.	1	✖
39	251-15501-21	ROCKER COVER COMPL.	1	
40	285-16101-03	GASKET (ROCKER COVER)	1	✖
40	251-16101-13	GASKET (ROCKER COVER)	1	
41	285-63701-H3	OIL FILLER	1	✖
42	024-02200-11	O RING	1	
45	X31-00600-20	DOWEL PIN	2	✖
46	285-14301-00	BREATHER COVER ASS'Y	1	
46	251-14304-01	BREATHER COVER COMPL.	1	✖
47	285-14401-01	BREATHER PLATE 1 COMPL.	1	
47	251-14402-21	BREATHER PLATE 1 COMPL.	1	✖
48	285-16002-03	GASKET (BREATHER)	1	
48	239-16006-03	GASKET (BREATHER COVER)	2	✖
50	285-16001-03	GASKET (BREATHER COVER)	1	
50	251-16007-03	GASKET (BREATHER)	2	✖
51	X11-00601-01	FLANGE BOLT (M6×1.0×28mm)	8	
51	X13-00600-40	BOLT AND WASHER ASS'Y (M6×1.0×30mm)	7	○
52	X11-00803-00	FLANGE BOLT (M8×1.25×28mm)	2	
52	001-13083-00	BOLT AND WASHER ASS'Y (M8×1.25×30mm)	2	✖
53	001-04085-05	FLANGE BOLT (M8×1.25×50mm)	4	
54	001-04086-05	FLANGE BOLT (M8×1.25×60mm)	1	✖
55	X11-00800-10	FLANGE BOLT (M8×1.25×40mm)	2	
56	X11-00601-60	FLANGE BOLT (M6×1.0×23mm)	6	✖
57	X11-00601-40	FLANGE BOLT (M6×1.0×18mm)	4	
57	X11-00601-70	FLANGE BOLT (M6×1.0×40mm)	2	○
58	X11-00600-20	FLANGE BOLT (M6×1.0×12mm)	4	
58	X11-00600-20	FLANGE BOLT (M6×1.0×12mm)	3	✖
59	251-36901-01	BOLT (COVER CAM) (M6×1.0)	1	
60	X11-00600-20	FLANGE BOLT (M6×1.0×12mm)	3	✖
60	001-13061-20	BOLT AND WASHER ASS'Y (M6×1.0×12mm)	3	
61	X11-00600-10	FLANGE BOLT (M6×1.0×8mm)	1	✖
62	X11-00600-20	FLANGE BOLT (M6×1.0×12mm)	3	
62	001-13061-20	BOLT AND WASHER ASS'Y (M6×1.0×12mm)	3	✖
63	052-10800-31	BANJO	1	
64	053-00800-50	BANJO BOLT	1	✖
65	003-70080-00	GASKET ALUMINUM	2	
66	285-14501-03	BREATHER PLATE 2	1	✖
66	251-14403-01	BREATHER PLATE 2 COMPL.	1	
67	251-17201-13	BREATHER BOX	1	✖
*68	251-17301-01	PIPE(RETURN)COMPL. Includes items 69 thru 71	1	
69	085-10612-00	RUBBER PIPE(φ 6Xφ 12x145mm)	1	DELETED

FIG.1 CRANKCASE and CYLINDER

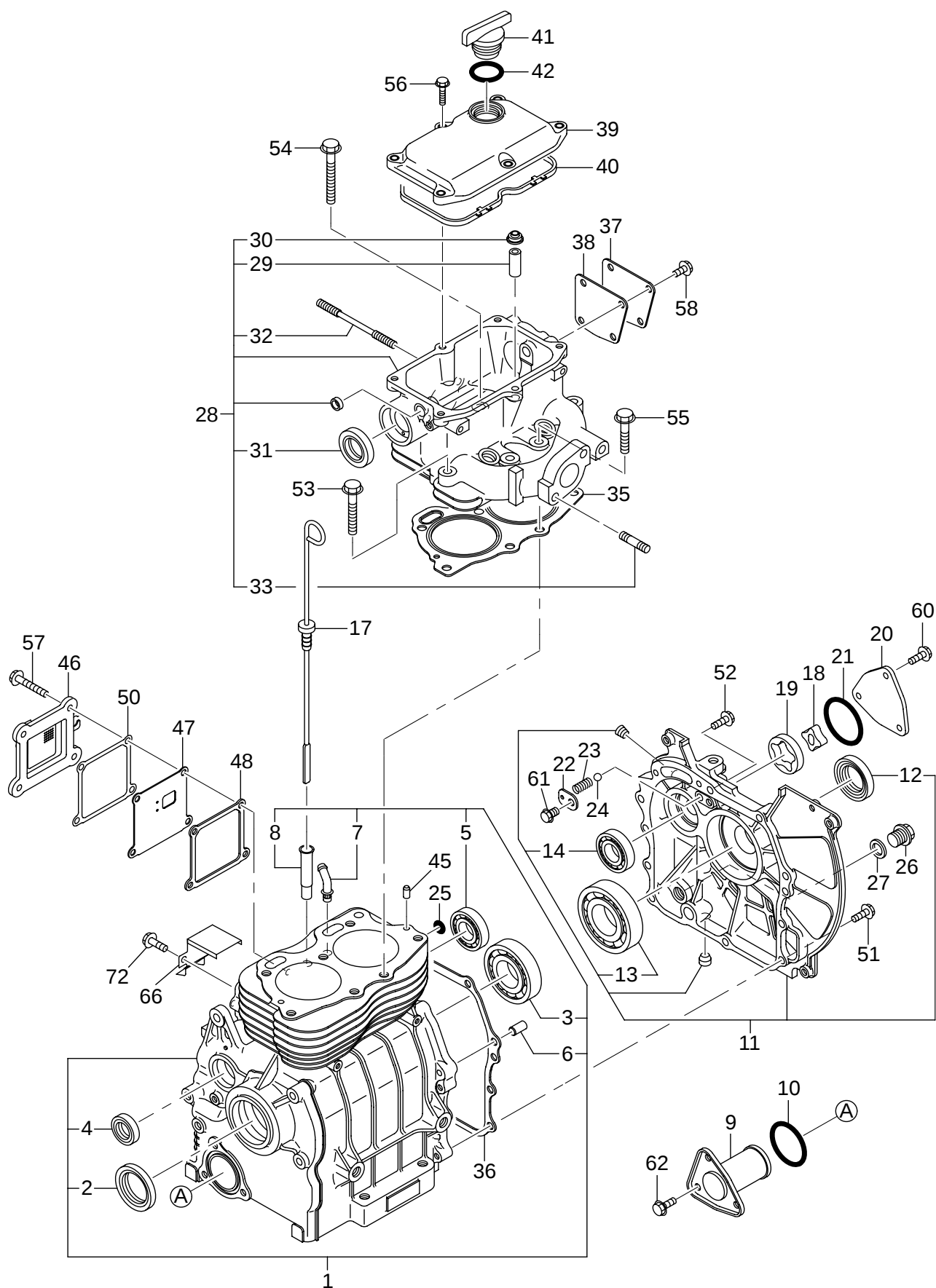


FIG.1 CRANKCASE and CYLINDER

Interchangeability

[illegible]

FIG.2 CRANKSHAFT and PISTON

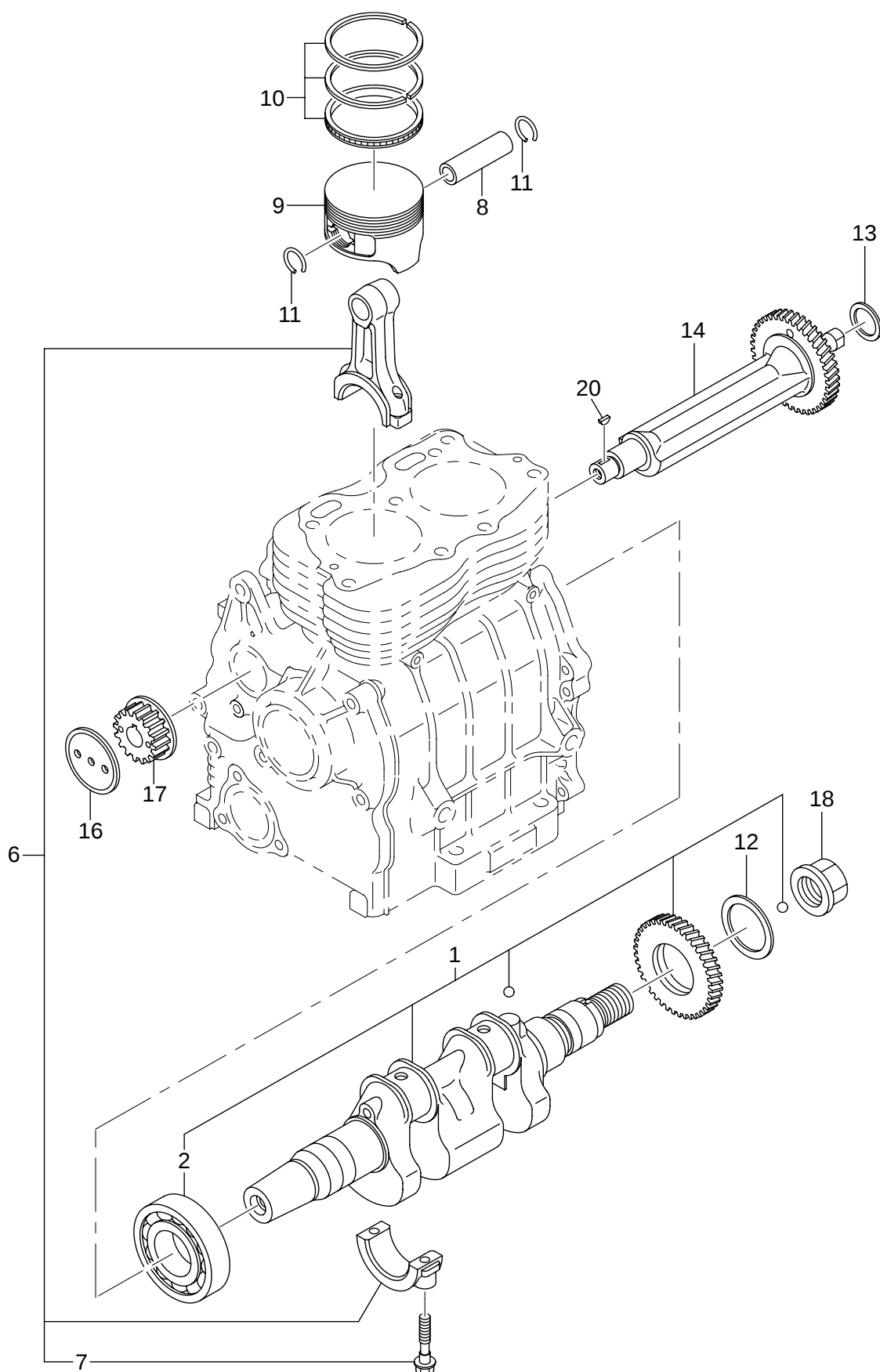


FIG.2 CRANKSHAFT and PISTON

[illegible]

FIG.3 INTAKE and EXHAUST

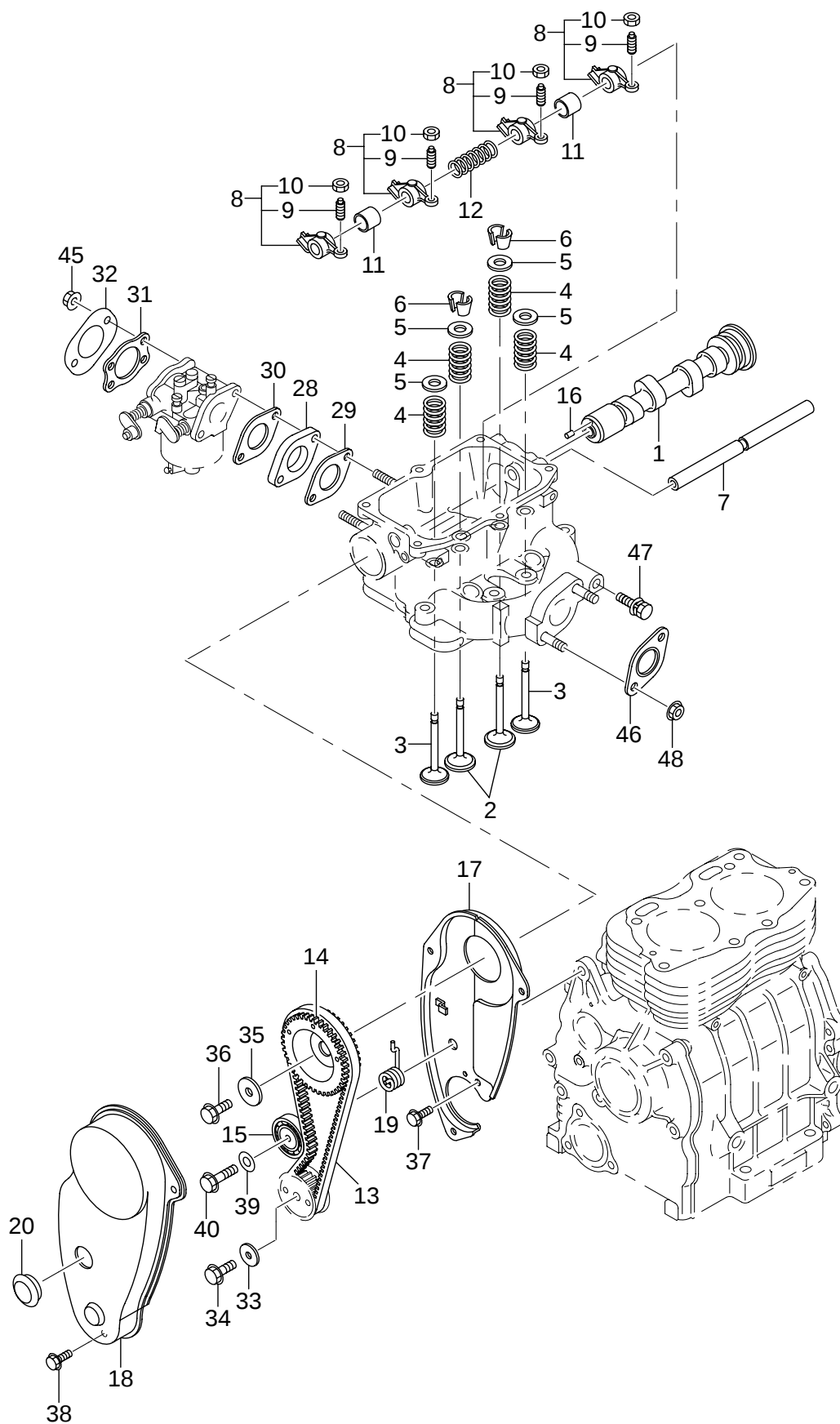


FIG.3 INTAKE and EXHAUST

Interchangeability

Ref. No.	Part Number	Description	Q'ty		Execution
1	251-31703-03	CAMSHAFT	1		
1	251-31702-03	CAMSHAFT	1		
2	251-33402-13	INTAKE VALVE	2		
3	285-33501-03	EXHAUST VALVE	2		
3	251-33502-13	EXHAUST VALVE	2		
4	251-33602-A3	VALVE SPRING	4		
5	285-33701-A3	SPRING RETAINER	4		
5	132-09KA0-40	RETAINER (VALVE SPRING)	4		
6	132-10KA0-31	COLLET-VALVE	8		
7	251-35002-03	ROCKER SHAFT	1		
*8	285-36101-00	ROCKER ARM ASS'Y Includes items 9 and 10	4		
*8	251-36101-10	ROCKER ARM ASS'Y Includes items 9 and 10	4		
*8	251-36101-00	ROCKER ARM ASS'Y Includes items 9 and 10	4		
9	014-90500-30	ADJUSTING SCREW (M5×0.5×18.5mm)	4		
9	014-90600-90	ADJUSTING SCREW (M6×0.75×20mm)	4		
10	017-00500-30	NUT (M5×0.5)	4		
10	017-00600-90	NUT (M6×0.75)	4		
11	251-36202-A3	SPACER (ROCKER SHAFT)	2		
11	251-36202-03	SPACER (ROCKER SHAFT)	2		
12	251-36301-03	SPRING (ROCKER SHAFT)	1		
13	251-35601-A3	TIMING BELT	1		
14	251-35501-03	PULLEY (DRIVEN)	1		
15	251-35703-01	IDLER COMPL.	1		
16	X31-00300-22	DOWEL PIN	1		
17	285-36401-01	BELT COVER 1 COMPL.	1		
17	251-36401-11	BELT COVER 1 UNIT	1		
18	285-36501-03	BELT COVER 2	1		
18	251-36501-01	BELT COVER 2 COMPL.	1		
19	251-36602-B3	SPRING (IDLER)	1		
20	251-36701-13	GROMMET (BELT COVER)	1		
21	251-34101-A1	EXHAUST MANIFOLD COMPL.	1		DELETED
22	251-35202-11	GASKET COMPL. (MANIFOLD)	1		DELETED
28	285-32901-A3	INSULATOR	1		
28	286-32901-A3	INSULATOR	1		
28	251-32901-A3	INSULATOR	1		
29	251-37101-13	GASKET 2 (INSULATOR)	2		
30	251-37101-13	GASKET 2 (INSULATOR)	2		
31	251-37201-03	GASKET 1 (AIR CLEANER)	1		
32	251-37301-03	GASKET 2 (AIR CLEANER)	1		
33	X20-00601-50	WASHER (6.5×22×2t)	1		
34	001-04061-40	FLANGE BOLT	1		
34	001-13061-60	BOLT AND WASHER ASS'Y (M6×1.0×16mm)	1		
35	X20-00800-50	WASHER(8.5X28X2.3t)	1		
36	001-04081-60	FLANGE BOLT	1		
36	001-13082-00	BOLT AND WASHER ASS'Y (M8×1.25×20mm)	1		

FIG.3 INTAKE and EXHAUST

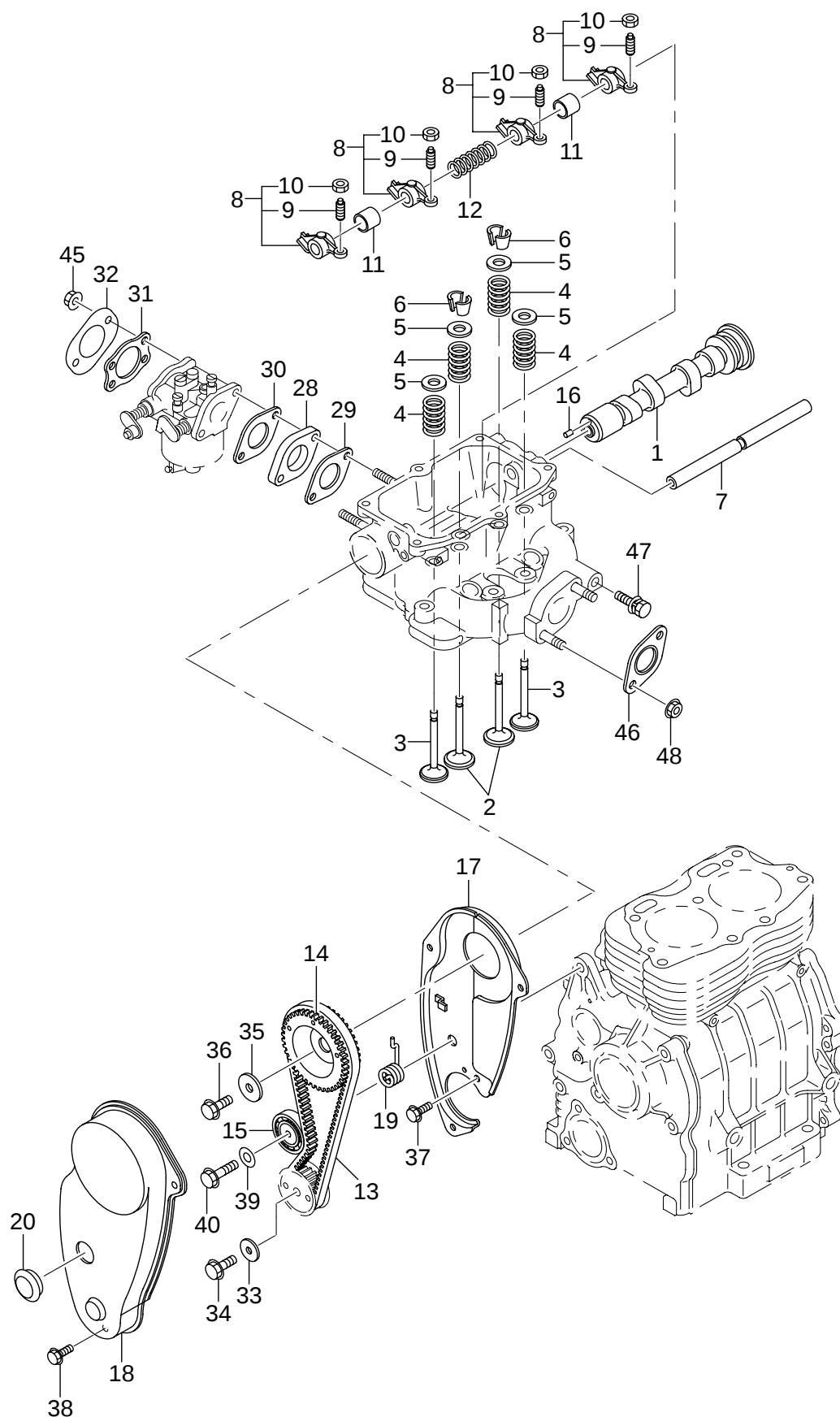


FIG.3 INTAKE and EXHAUST

Interchangeability

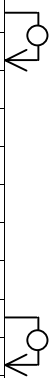
Ref. No.	Part Number	Description	Q'ty		Execution
37	X11-00600-10	FLANGE BOLT (M6×1.0×8mm)	1		
37	X11-00600-10	FLANGE BOLT (M6×1.0×8mm)	2		
38	X11-00600-20	FLANGE BOLT (M6×1.0×12mm)	3		
39	003-10080-00	WASHER (8.5×16×1.2t)	1		
40	251-36801-01	BOLT (IDLER PIVOT) (M8×1.25×30mm)	1		
44	001-04085-05	FLANGE BOLT (M8×1.25×50mm)	4		DELETED
45	002-38060-00	FLANGE NUT (M6×1.0)	2		
47	001-13081-80	BOLT AND WASHER ASS'Y (M8×1.25×18mm)	1		
47	001-13081-80	BOLT AND WASHER ASS'Y (M8×1.25×18mm)	4		
'03-8					EH292C

FIG.4 COOLING STARTING

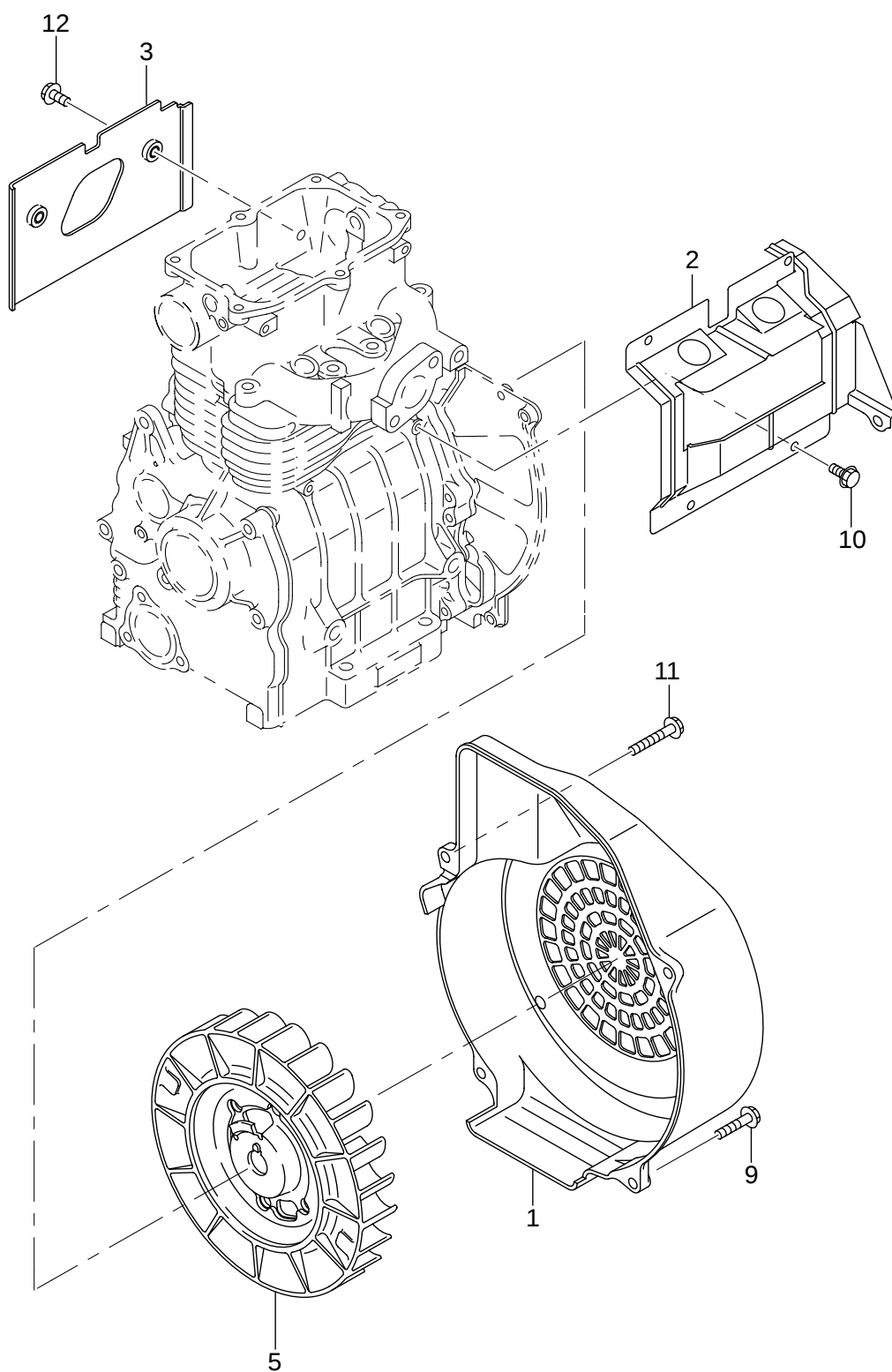


FIG.4 COOLING STARTING

[illegible]

FIG.5 CARBURETOR

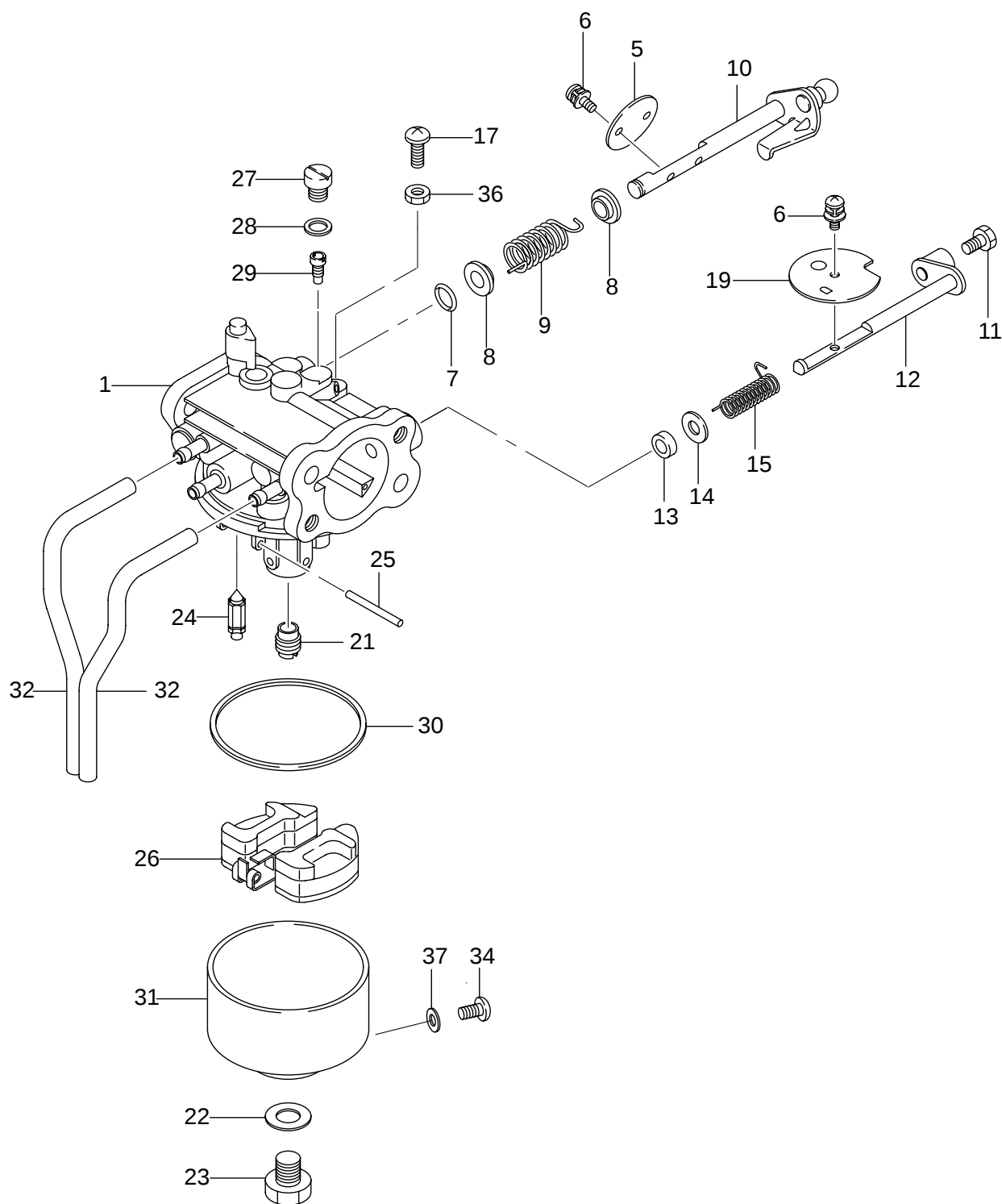


FIG.5 CARBURETOR

				Interchangeability	
Ref. No.	Part Number	Description	Q'ty		Execution
*1	285-62301-30	CARBURETOR ASS'Y Includes items 5 thru 15, 17, 19 thru 34, 36, 37	1	* ↙	
*1	251-62308-00	CARBURETOR ASS'Y Includes items 2 thru 19, 21 thru 32 and 34 thru 36	1		
2	251-62461-08	PLUG	1		DELETED
3	251-62555-08	"G" RING	1		DELETED
4	251-62556-08	PACKING	1		DELETED
5	251-62535-08	THROTTLE VALVE	1		
6	251-62455-08	SCREW	3		
7	251-62557-08	"OV" RING	1		
8	251-62561-08	COLLAR	2		
9	285-62445-08	THROTTLE RETURN SPRING	1	* ↙	
9	251-62445-08	THROTTLE RETURN SPRING	1		
10	285-62530-08	THROTTLE SHAFT ASS'Y	1	* ↙	
10	251-62530-18	THROTTLE SHAFT ASS'Y	1		
11	251-62454-08	SCREW	1		
12	251-62520-18	CHOKE SHAFT ASS'Y	1		
13	251-62559-08	BUSH	1		
14	251-62560-08	COLLAR	1		
15	285-62446-08	CHOKE RETURN SPRING	1	* ↙	
15	251-62446-08	CHOKE RETURN SPRING	1		
17	251-62456-08	SCREW	1		
19	251-62525-38	CHOKE VALVE	1		
21	251-62363-08	MAIN JET (#82 -TR)	1	* ↙	
21	251-62362-08	MAIN JET (#86-TR)	1		
22	251-62350-08	GASKET	1		
23	251-62453-08	SCREW	1		
24	279-62500-08	NEEDLE VALVE	1	* ↙	
24	251-62500-28	NEEDLE VALVE	1		
25	285-62515-08	PIN	1	* ↙	
25	251-62515-08	PIN	1		
26	279-62505-08	FLOAT	1	* ↙	
26	251-62505-08	FLOAT	1		
27	251-62460-08	PLUG	1		
28	251-62352-08	GASKET	1		
29	285-62380-08	SLOW JET (#42)	1	* ↙	
29	251-62380-08	SLOW JET (#46)	1		
30	279-62540-08	CHAMBER PACKING	1	* ↙	
30	251-62540-08	CHAMBER PACKING	1		
31	285-62550-08	FLOAT CHAMBER	1	* ↙	
31	251-62550-08	FLOAT CHAMBER	1		
32	285-62565-08	RUBBER PIPE	2	* ↙	
32	251-62565-08	RUBBER PIPE	2		
34	285-62351-08	DRAIN SCREW	1	* ↙	
34	251-62661-08	DRAIN SCREW	1		
35	251-62660-08	RUBBER PIPE	1		DELETED
36	251-62470-08	NUT	1		

'03-8

EH292C

FIG.5 CARBURETOR

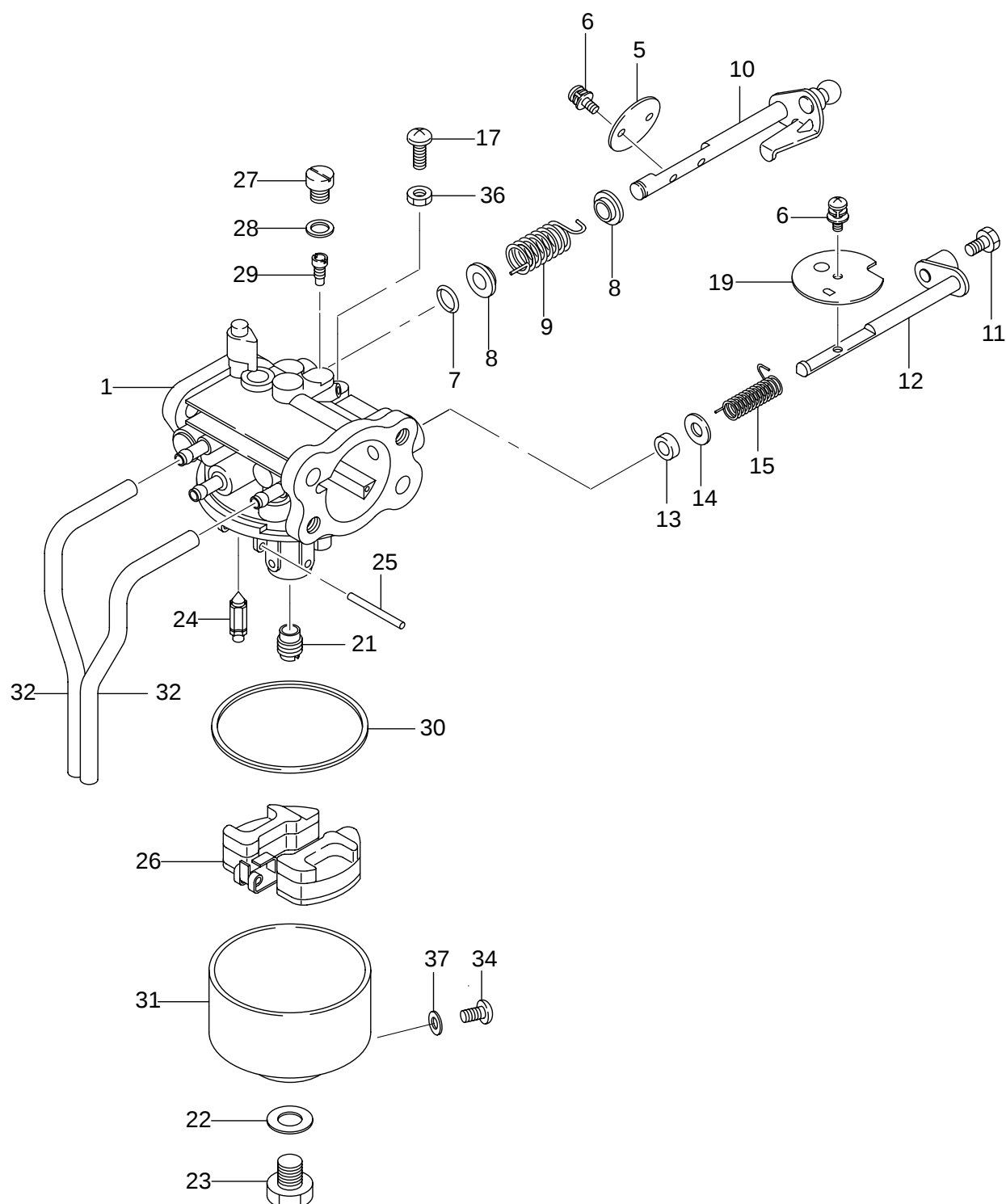


FIG.5 CARBURETOR

↳ **Interchangeability**

[illegible]

FIG.6 ELECTRIC DEVICE

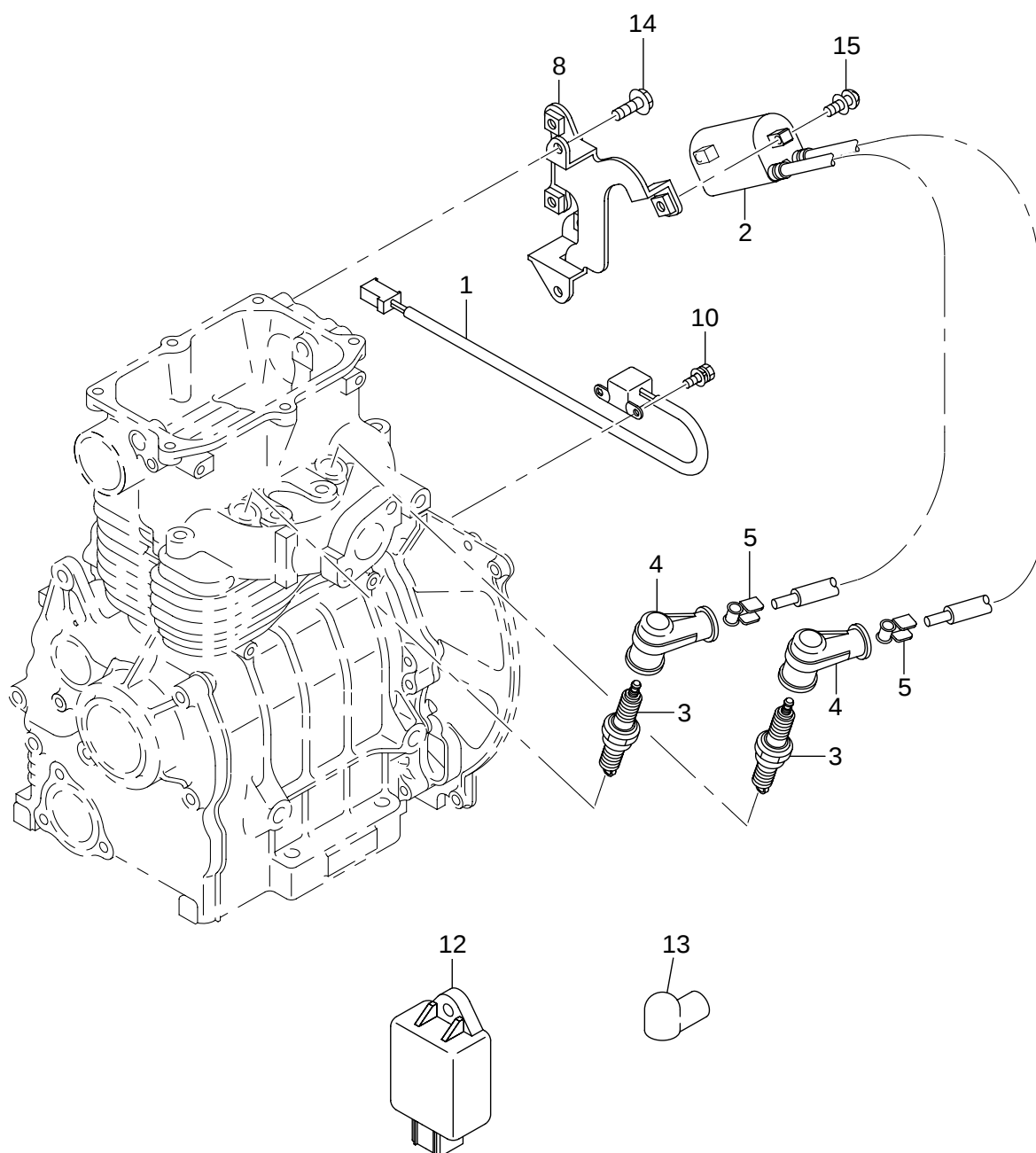


FIG.6 ELECTRIC DEVICE

Interchangeability

Ref. No.	Part Number	Description	Q'ty		Execution
1	285-75001-01	PULSER COIL COMPL.	1	*	
1	251-75001-11	PULSER COIL COMPL.	1	<	
*2		IGNITION COIL SET Includes items 2,4,5	1	*	
*2	251-71201-A7	IGNITION COIL SET Includes items 2,4,5	1	<	
2	285-71201-01	IGNITION COIL COMPL.	1	*	
2	251-71201-11	IGNITION COIL COMPL.	1	<	
3	X65-01405-50	SPARK PLUG (NGK BPR4ES)	2		
4	X65-51000-10	SPARK PLUG CAP	2		
5	X65-91000-10	PLUG TERMINAL	2		
6	942-99513-00	SWITCH ASS'Y (OIL PRESSURE)	1		DELETED
7	251-73101-11	WIRE 1 COMPL.	1		DELETED
8	285-75502-01	BRACKET COMPL. (IGNITION COIL)	1	*	
8	251-75501-A1	BRACKET COMPL. (IGNITION COIL)	1	<	
9	002-38060-00	FLANGE NUT (M6×1.0)	1		DELETED
10	001-16051-00	BOLT AND WASHER ASS'Y (M5×0.8×10mm)	2		
11	002-17060-00	NUT (M6×1.0)	2		DELETED
12	251-75402-01	IGNITOR COMPL.	1	*	
13	251-76101-13	TERMINAL COVER 1	4	<	
13	251-76101-03	TERMINAL COVER 1	4	○	
14	X11-00600-20	FLANGE BOLT (M6×1.0×12mm)	1	<	ADD.
15	004-36062-50	SCREW AND WASHER ASS'Y	2		ADD.
'03-8					

FIG.8 FUEL PUMP

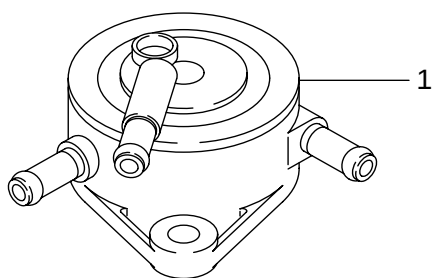


FIG.8 FUEL PUMP

Interchangeability

[illegible]

FIG.9 PARTS TO BE SHIPPED LOOSE

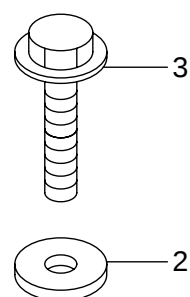
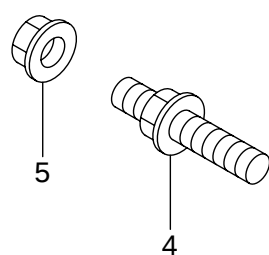


FIG.9 PARTS TO BE SHIPPED LOOSE

Interchangeability

Ref.	No.	Part Number	Description	Q'ty		Execution
	1	251-35304-A3	PLATE (AIR CLEANER)	1		DELETED
	2	X20-00600-20	WASHER (6.5×20×1.6t)	2		
	3	X13-00600-40	BOLT AND WASHER ASS'Y (M6×1.0×30mm)	2		
	4	251-36911-01	BOLT (AIR CELANER) 1 (M6×1.0)	2		
	5	002-38060-00	FLANGE NUT (M6×1.0)	2		