



Robin Engine

Model EH35-2C
for E-Z-GO

PARTS CATALOG

Spec. No. EH352CE1000(EPA) —
EH352CE1010(EPA) ←
EH35CPG5033(EPA) ←

FIG.1 CRANKCASE and CYLINDER

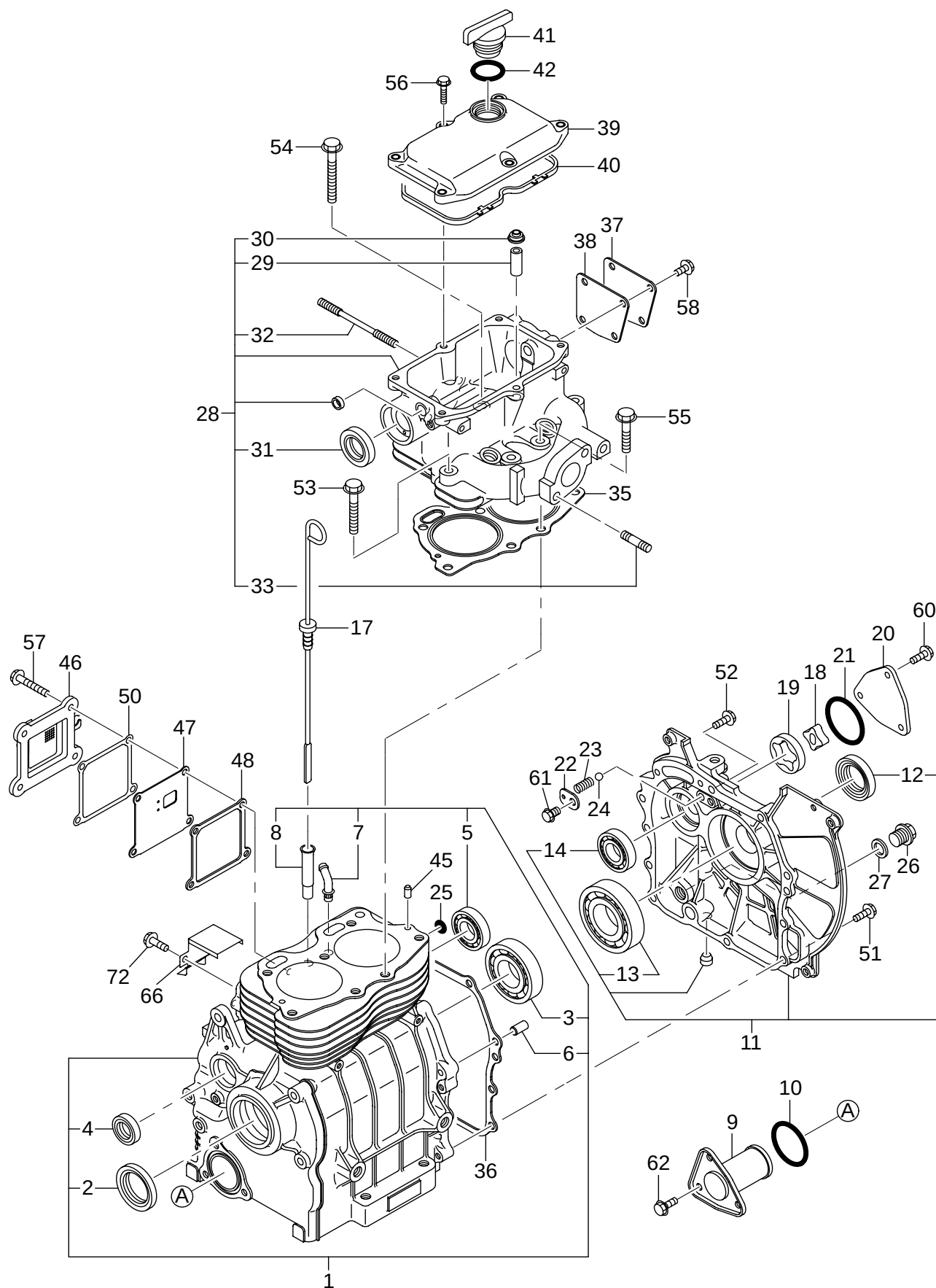


FIG.1 CRANKCASE and CYLINDER

Interchangeability

Ref. No.	Part Number	Description	Q'ty		Execution
*1	286-10101-A1	CRANKCASE COMPL. Includes items 2 thru 8	1		
*1	259-10101-D1	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	286-11001-A1	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	286-13001-A1	CYLINDER HEAD COMPL. Includes items 29 thru 33	1		
*28	259-13001-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	010-50602-91	STUD (M6×1.0×115)	2		
33	010-50802-90	STUD (M8×1.25×30)	2		ADD.
35	259-15002-03	GASKET (HEAD)	1		
35	259-15001-03	GASKET (HEAD)	1		

'03-8

EH352C

FIG.1 CRANKCASE and CYLINDER

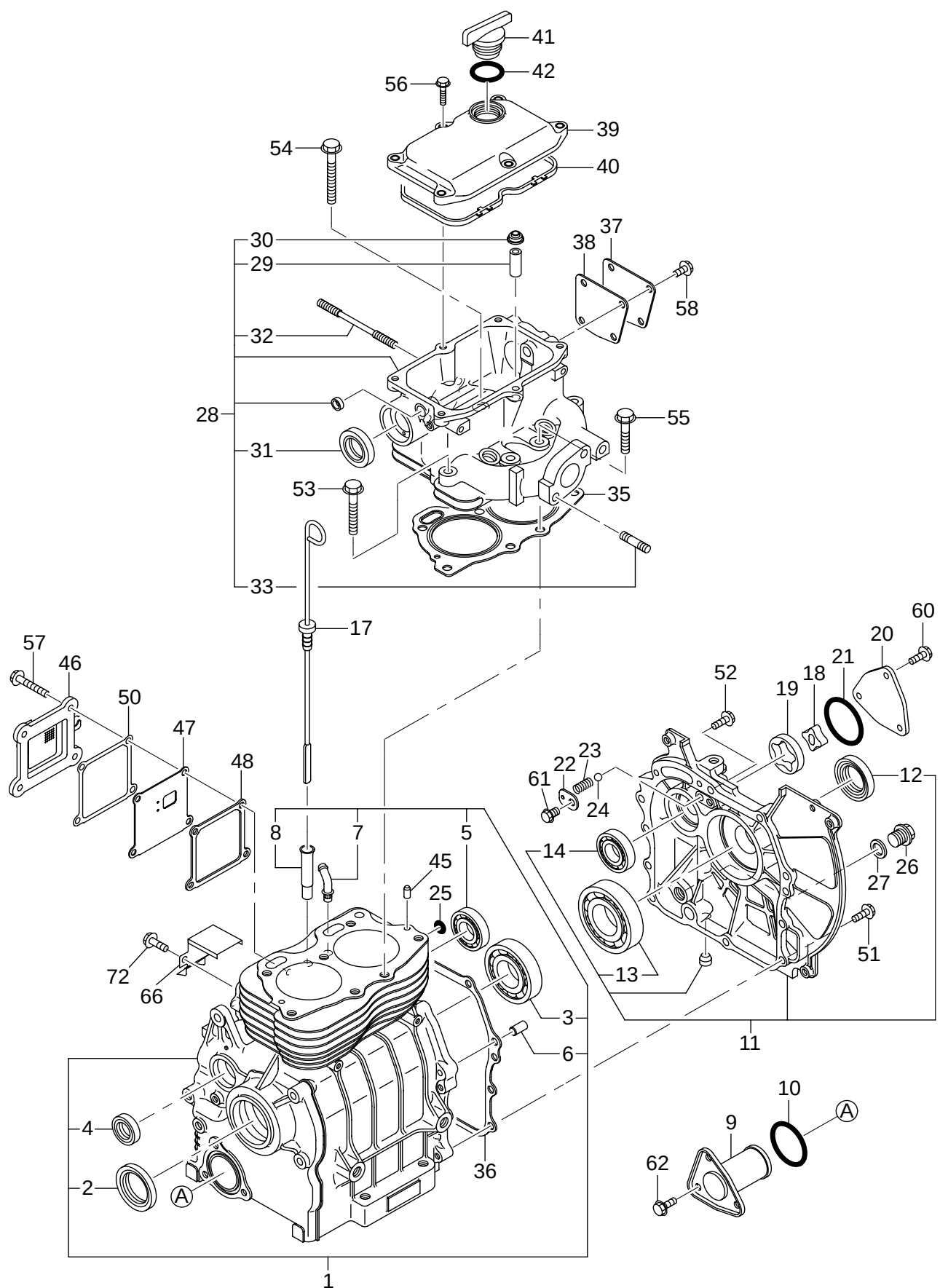


FIG.1 CRANKCASE and CYLINDER

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	251-63702-03	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 COMPL.	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	

FIG.1 CRANKCASE and CYLINDER

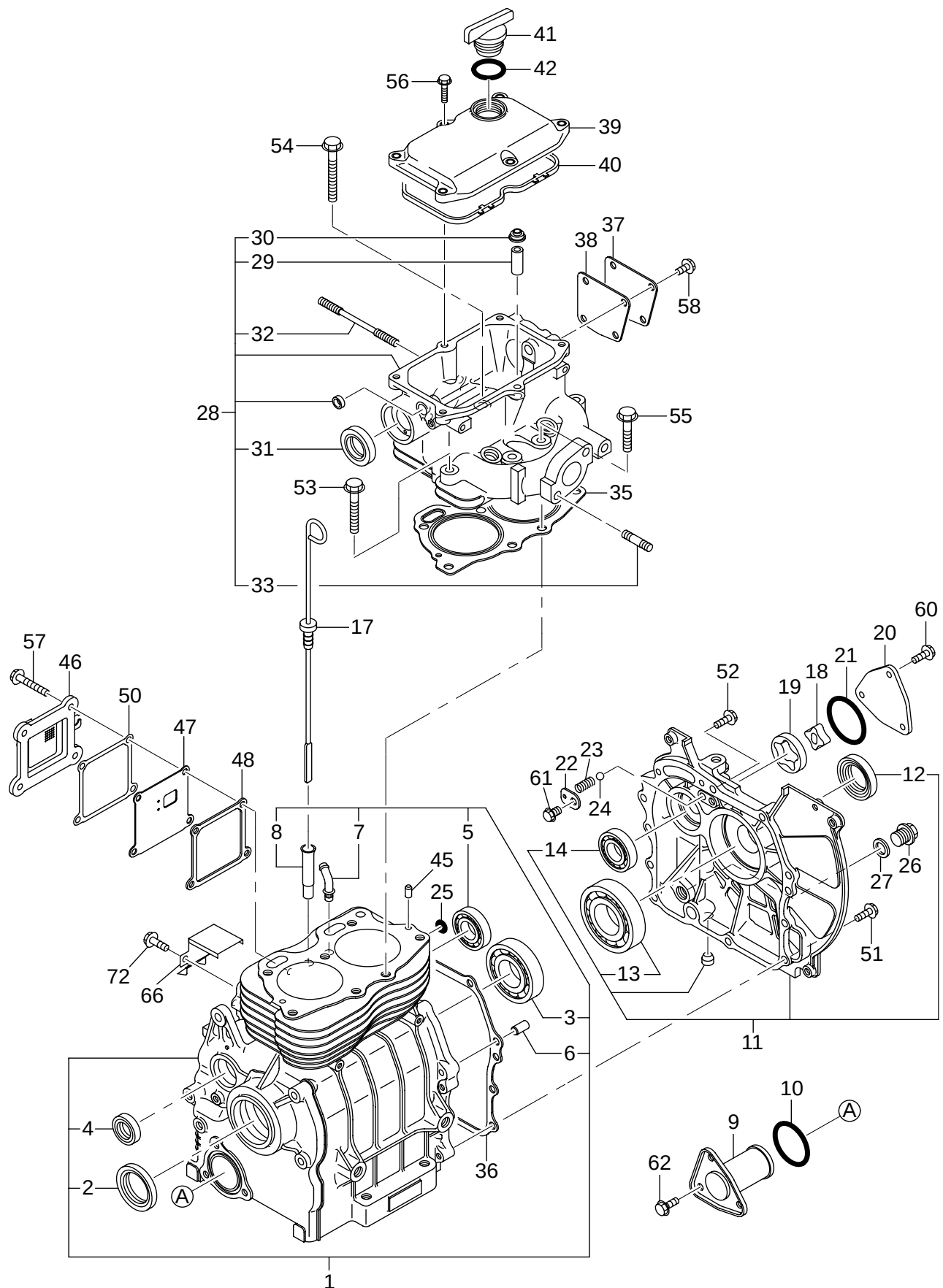


FIG.1 CRANKCASE and CYLINDER

Interchangeability

[illegible]

FIG.2 CRANKSHAFT and PISTON

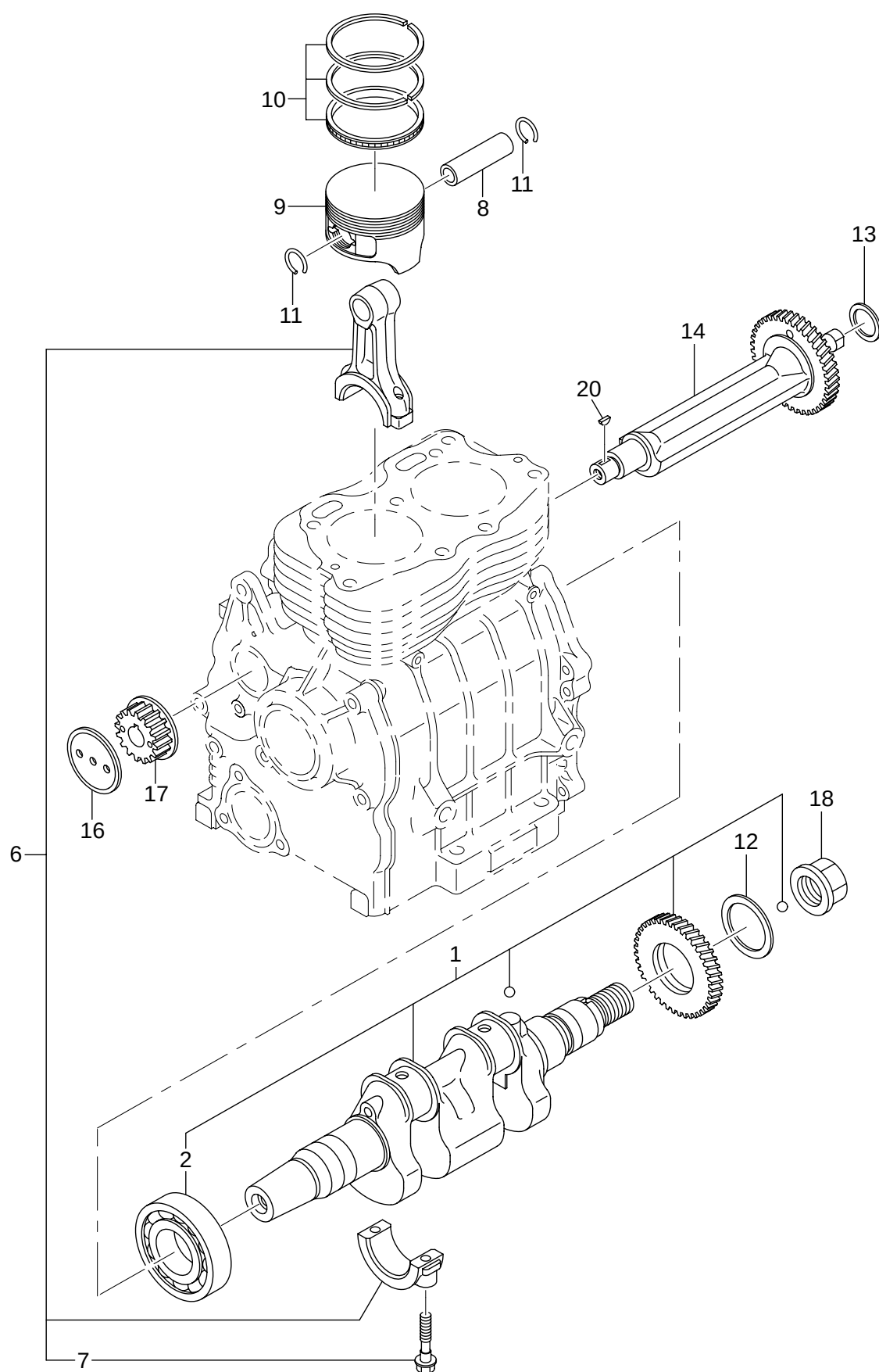


FIG.2 CRANKSHAFT and PISTON

[illegible]

FIG.3 INTAKE and EXHAUST

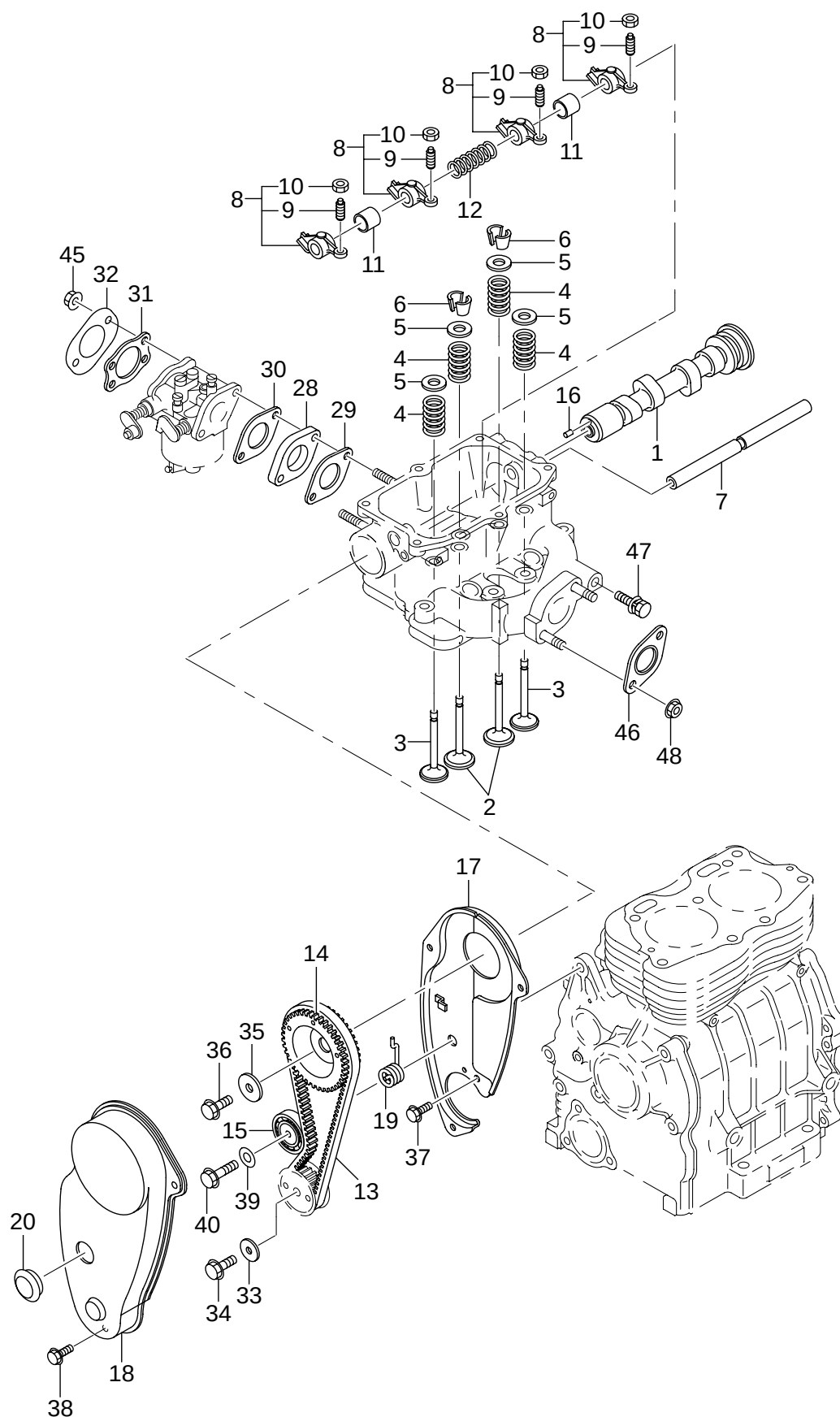


FIG.3 INTAKE and EXHAUST

					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	269-33701-03	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	031-00300-22	DOWEL PIN	1		
17	285-36401-01	BELT COVER 1	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	286-32901-A3	INSULATOR	1	↙*	
28	259-32901-A3	INSULATOR	1	↙*	
29	251-37101-13	GASKET 2 (INSULATOR)	1		
30	251-37101-13	GASKET 2 (INSULATOR)	1		
31	251-37201-A3	GASKET 1 (AIR CLEANER)	1	↙○	
31	251-37201-03	GASKET 1 (AIR CLEANER)	1	↙○	
32	251-35321-A3	PLATE (CARB-COV)	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	↙*	

'03-8

EH352C

FIG.3 INTAKE and EXHAUST

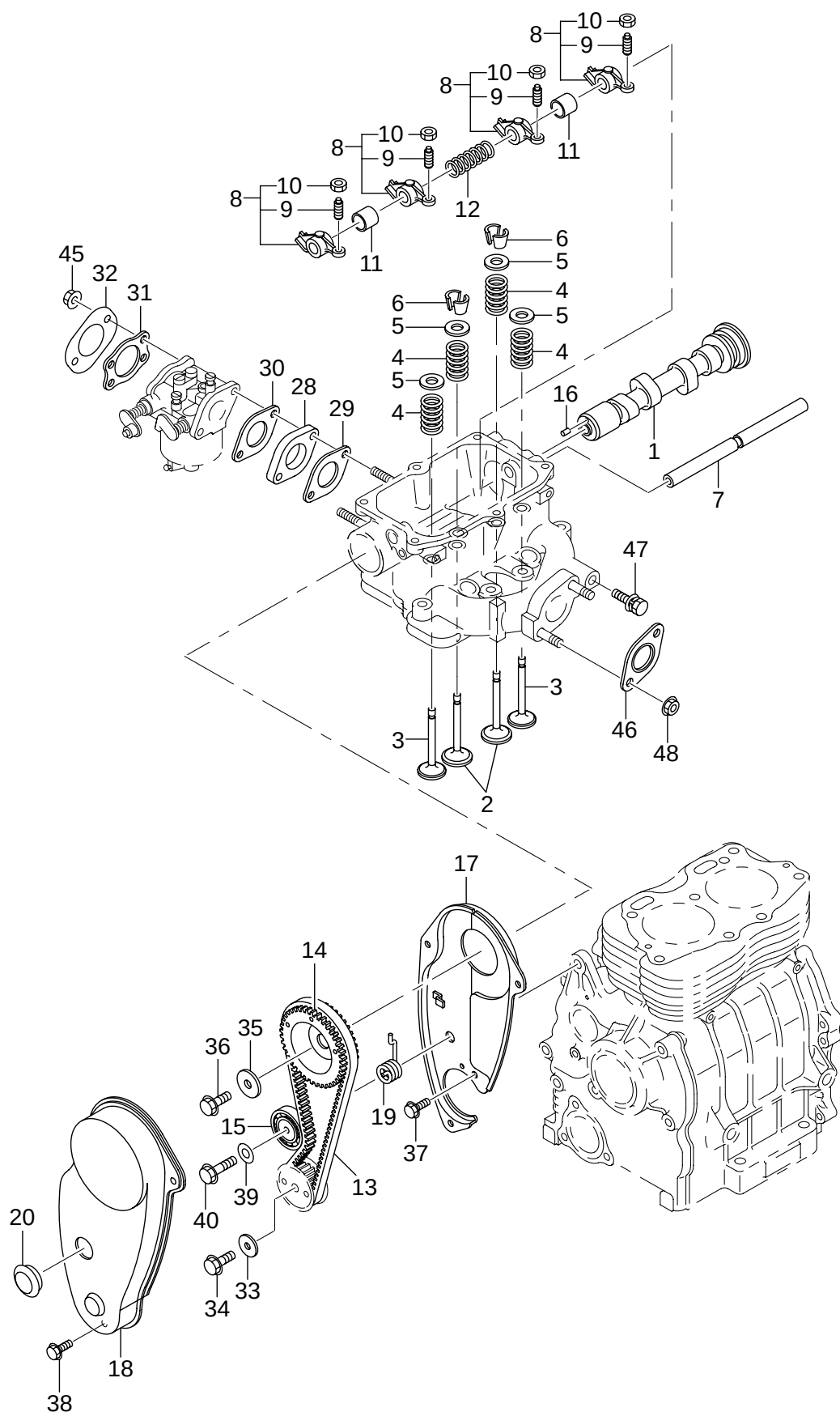


FIG.3 INTAKE and EXHAUST

				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		
46	251-35203-11	GASKET COMPL. (MUFF)	1		
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		
48	018-00800-10	FLANGE NUT	2		ADD.

FIG.4 COOLING STARTING

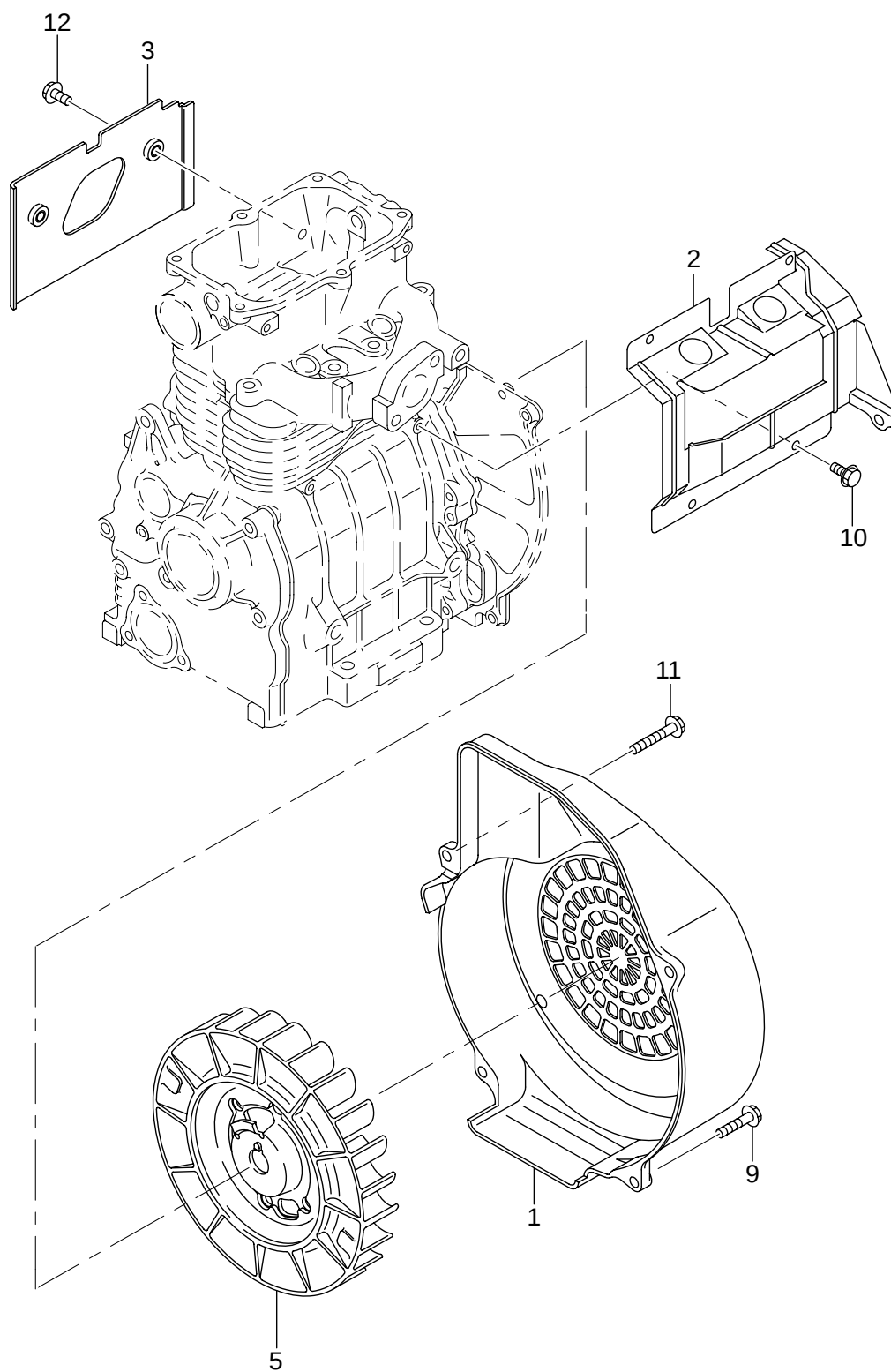


FIG.4 COOLING STARTING

[illegible]

FIG.5 CARBURETOR (EH352CE1000)

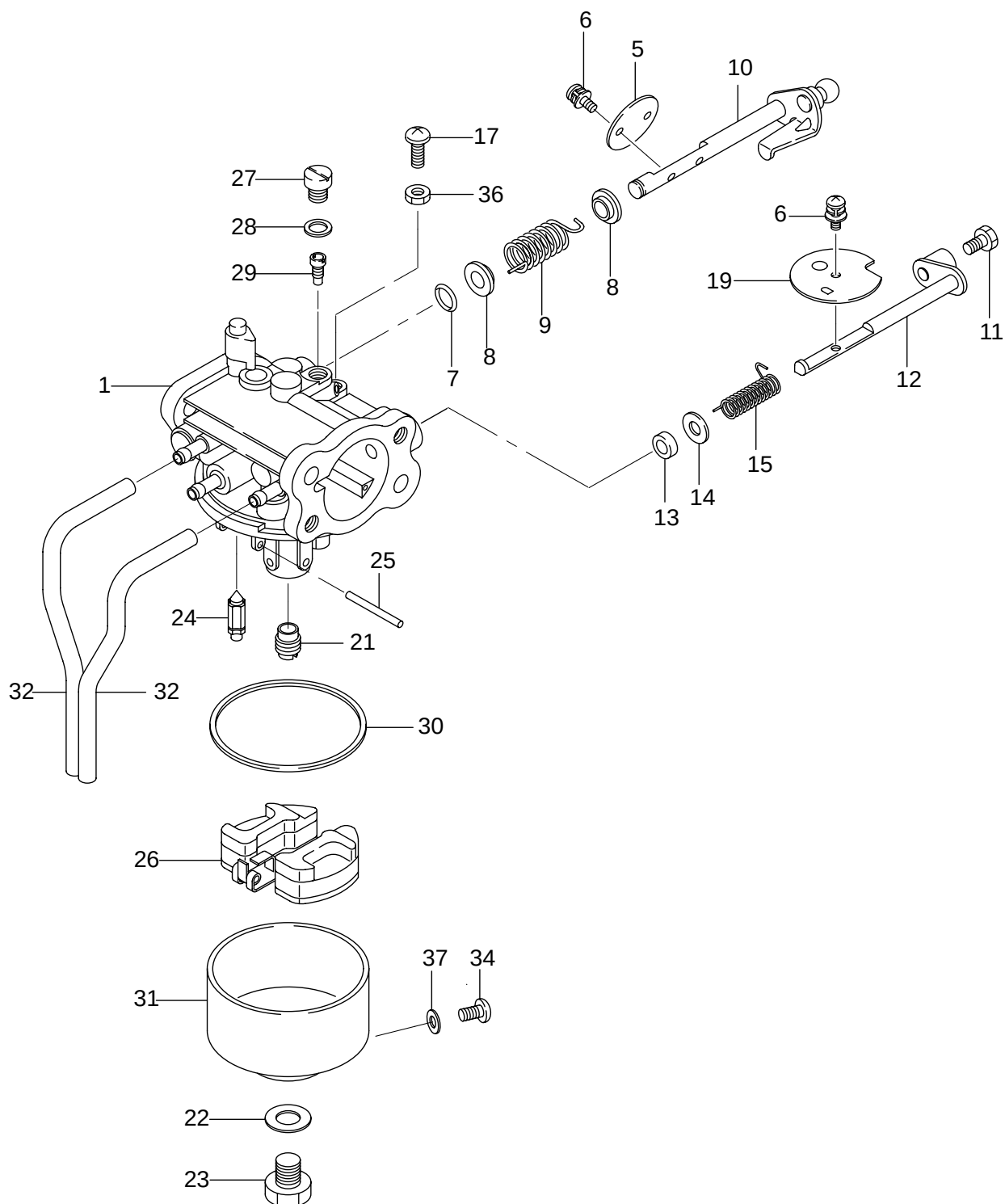


FIG.5 CARBURETOR (EH352CE1000)

Interchangeability				
Ref. No.	Part Number	Description	Q'ty	Execution
*1	286-62301-00	CARBURETOR ASS'Y Includes items 5 thru 15, 17, 19 thru 34, 36, 37	1	EH352CE1000
*1	259-62302-00	CARBURETOR ASS'Y Includes items 2 thru 19, 21 thru 32 and 34 thru 36	1	
2	251-62461-08	PLUG	1	
3	251-62555-08	"G" RING	1	
4	251-62556-08	PACKING	1	DELETED
5	251-62535-08	THROTTLE VALVE	1	DELETED
6	251-62455-08	SCREW	3	DELETED
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		MAIN JET (# -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	279-62515-08	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		SLOW JET (#)	1	
29	251-62380-08	SLOW JET (#46)	1	
30	279-62540-08	CHAMBER PACKING	1	
30	251-62540-08	CHAMBER PACKING	1	
31	279-62550-08	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	279-62355-08	DRAIN SCREW	1	
34	251-62661-08	DRAIN SCREW	1	
35	251-62660-08	RUBBER PIPE	1	DELETED
36	251-62470-08	NUT	1	

FIG.5 CARBURETOR (EH352CE1000)

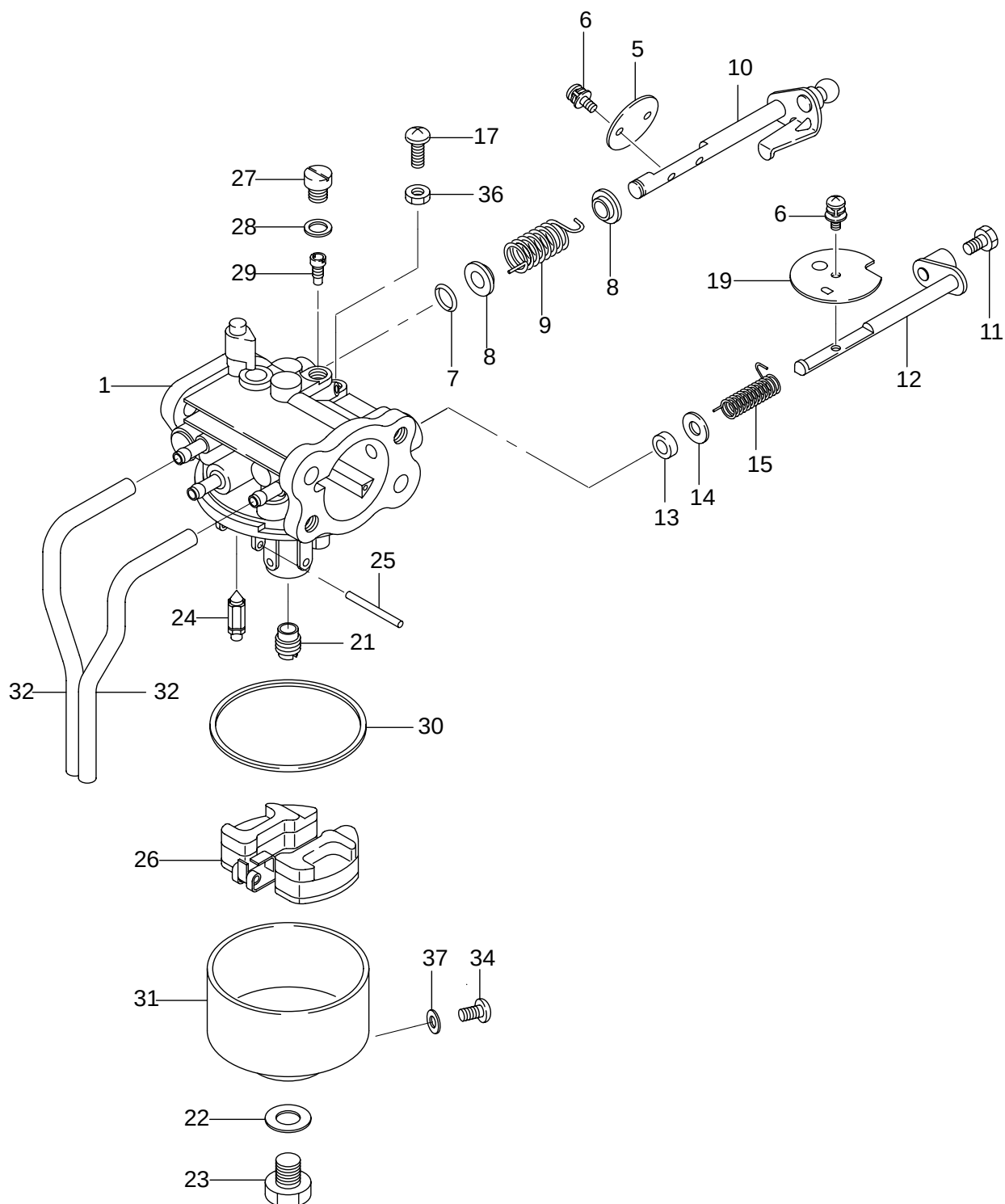


FIG.5 CARBURETOR (EH352CE1000)

Interchangeability

[illegible]

FIG.5 CARBURETOR (EH352CE1010)

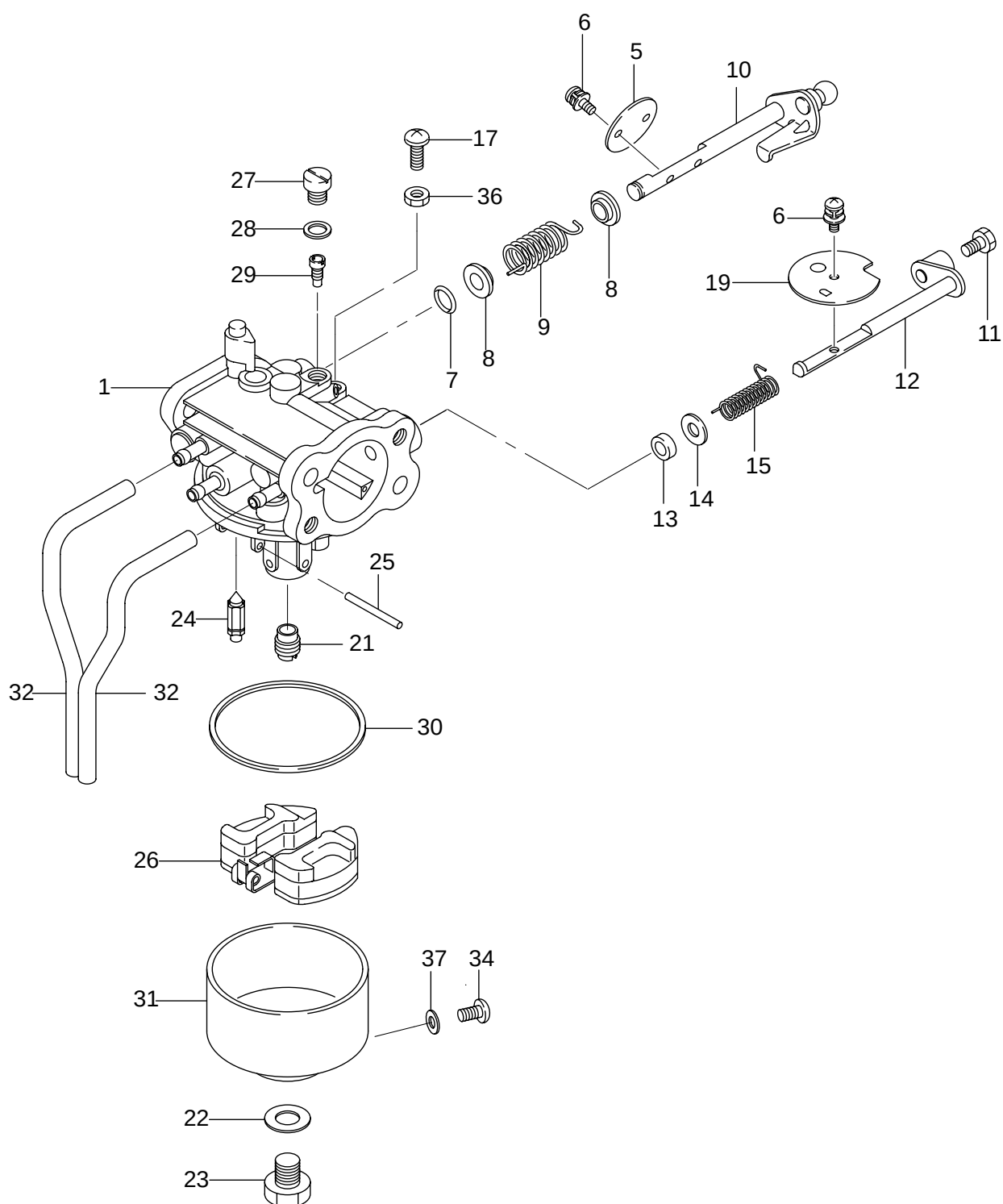


FIG.5 CARBURETOR (EH352CE1010)

Interchangeability				
Ref. No.	Part Number	Description	Q'ty	Execution
*1	286-62302-00	CARBURETOR ASS'Y Includes items 5 thru 15, 17, 19 thru 34, 36, 37	1	* EH352CE1010
*1	259-62301-00	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		MAIN JET (# -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	279-62515-08	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		SLOW JET (#)	1	* ↙
29	251-62380-08	SLOW JET (#46)	1	
30	279-62540-08	CHAMBER PACKING	1	* ↙
30	251-62540-08	CHAMBER PACKING	1	
31	279-62550-08	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	279-62355-08	DRAIN SCREW	1	* ↙
34	251-62661-08	DRAIN SCREW	1	
35	251-62660-08	RUBBER PIPE	1	DELETED
36	251-62470-08	NUT	1	

FIG.5 CARBURETOR (EH352CE1010)

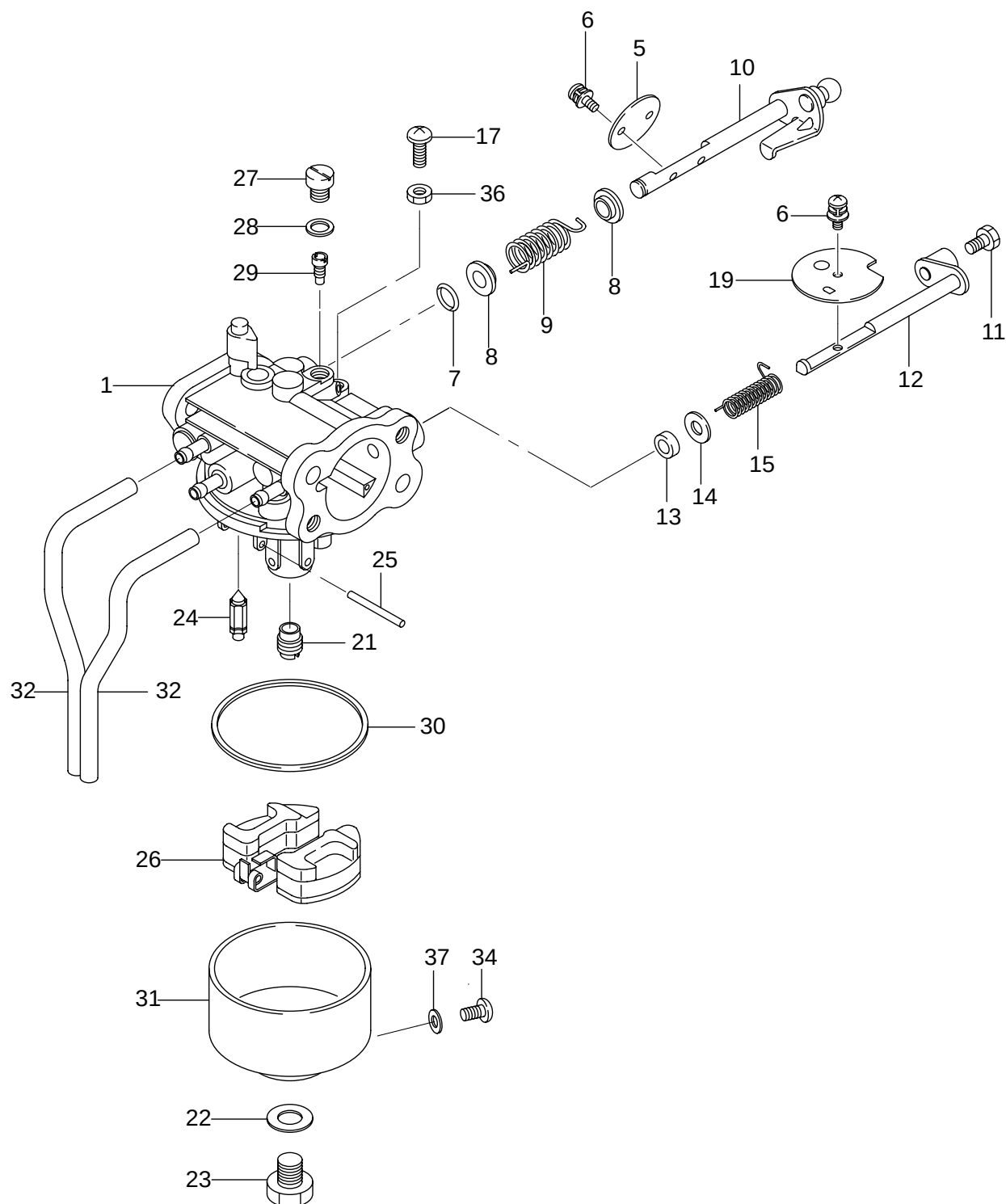


FIG.5 CARBURETOR (EH352CE1010)

Interchangeability

[illegible]

FIG.6 ELECTRIC DEVICE

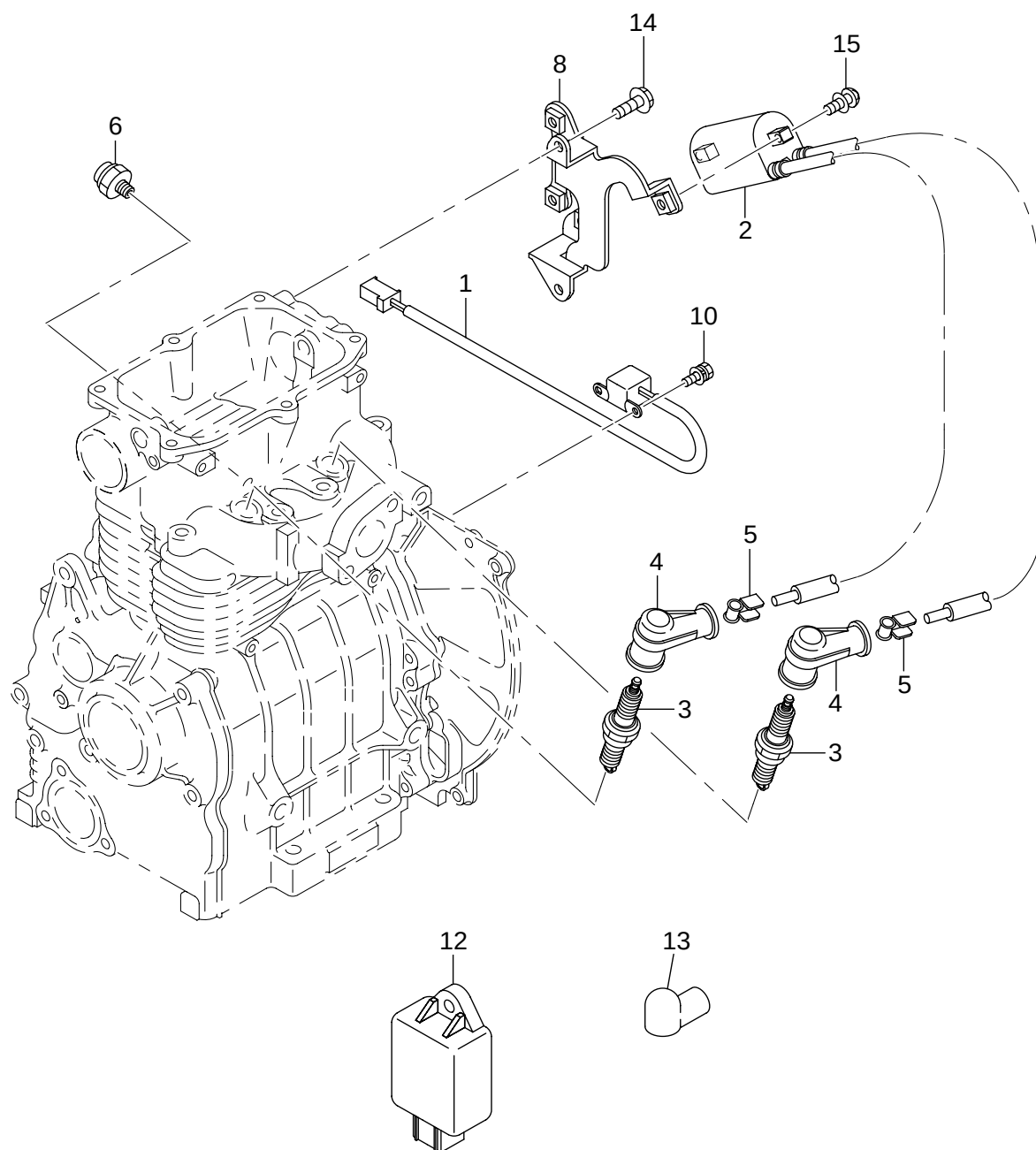


FIG.6 ELECTRIC DEVICE

[illegible]

FIG.8 FUEL PUMP

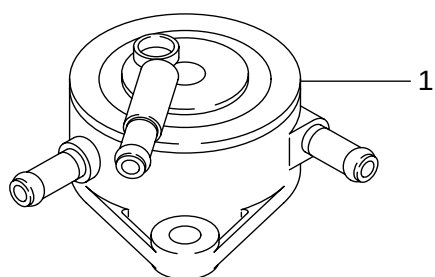


FIG.8 FUEL PUMP

Interchangeability

[illegible]

FIG.9 PARTS TO BE SHIPPED LOOSE

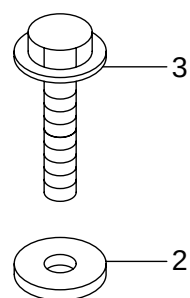
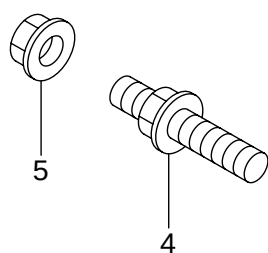


FIG.9 PARTS TO BE SHIPPED LOOSE

[illegible]