

FIG.1 CRANKCASE and CYLINDER

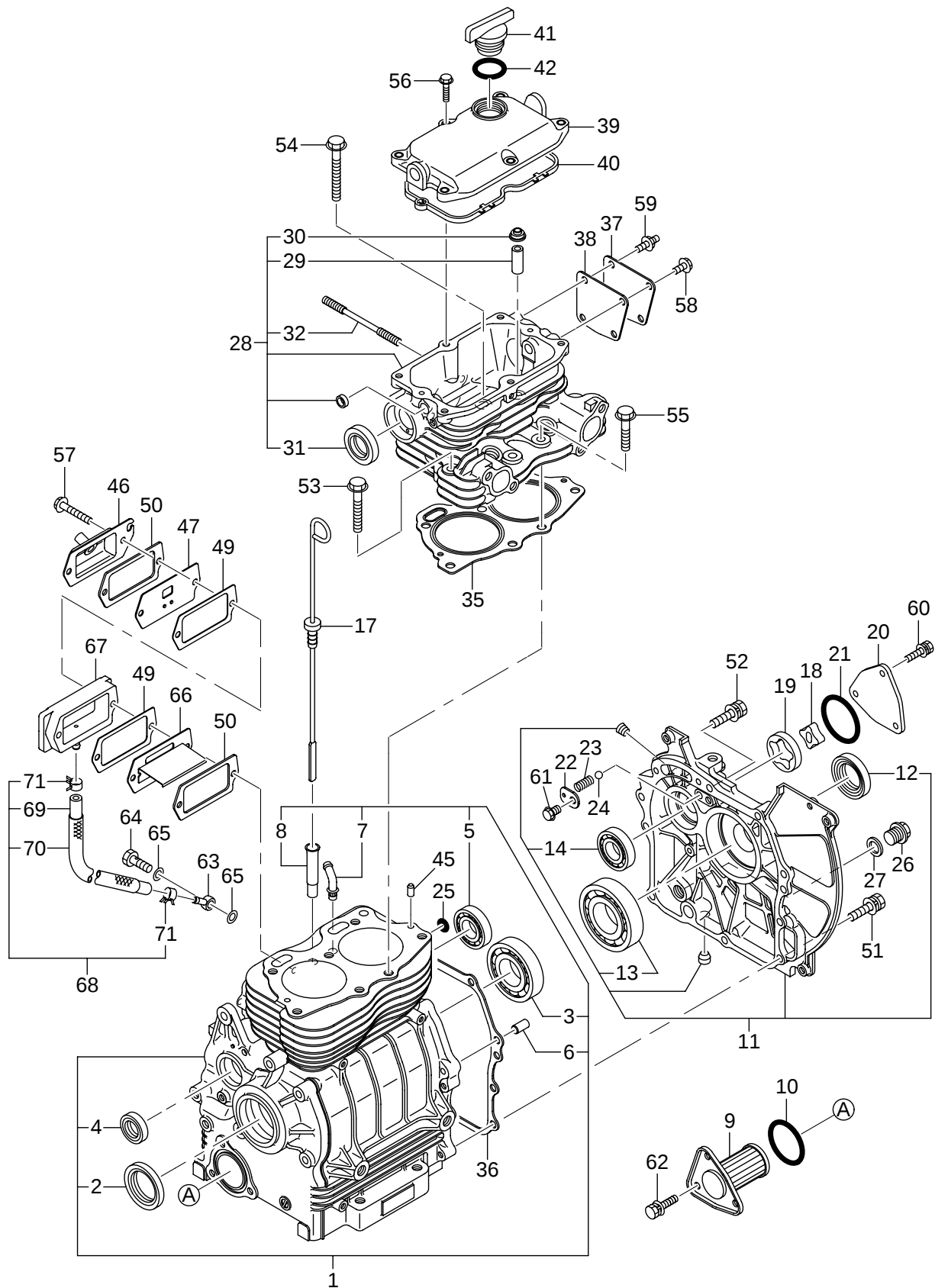


FIG.1 CRANKCASE and CYLINDER

Interchangeability

Ref. No.	Part Number	Description	Q'ty		Execution
*1	259-10101-D1	CRANKCASE COMPL. Includes items 2 thru 8	1		
*1	259-10101-C1	CRANKCASE COMPL. Includes items 2 thru 8	1		
2	044-03500-90	OIL SEAL (35×48×8)	1		
3	060-03500-40	BALL BEARING (6007)	1		
4	044-02000-70	OIL SEAL (20×32×6)	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	251-64302-01	OIL PUMP FILTER COMPL.	1		
10	024-03900-10	O RING	1		
*11	251-11002-B1	MAIN BEARING COVER COMPL. Includes items 12 thru 14	1		
*11	251-11002-A1	MAIN BEARING COVER COMPL. Includes items 12 thru 14	1		
12	044-03000-30	OIL SEAL (30×45×8)	1		
13	060-03500-10	BALL BEARING (6207)	1		
14	060-02001-00	BALL BEARING (6004)	1		
17	259-63601-01	OIL GAUGE COMPL.	1		
17	251-63602-01	OIL GAUGE COMPL.	1		
18	251-63901-03	INNER 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	259-13001-C1	CYLINDER HEAD COMPL. Includes items 29 thru 32	1		
*28	259-13001-B1	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	044-02500-70	OIL SEAL (25×38×7)	1		
32	010-50602-91	STUD (M6×1.0×115mm)	2		
35	259-15001-03	GASKET (HEAD)	1		
36	259-15102-03	GASKET (BEARING COVER)	1		
37	251-15601-01	COVER (CAMSHAFT)	1		
38	251-15201-13	GASKET (COVER CAM)	1		
39	251-15501-21	ROCKER COVER COMPL.	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		

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FIG.1 CRANKCASE and CYLINDER

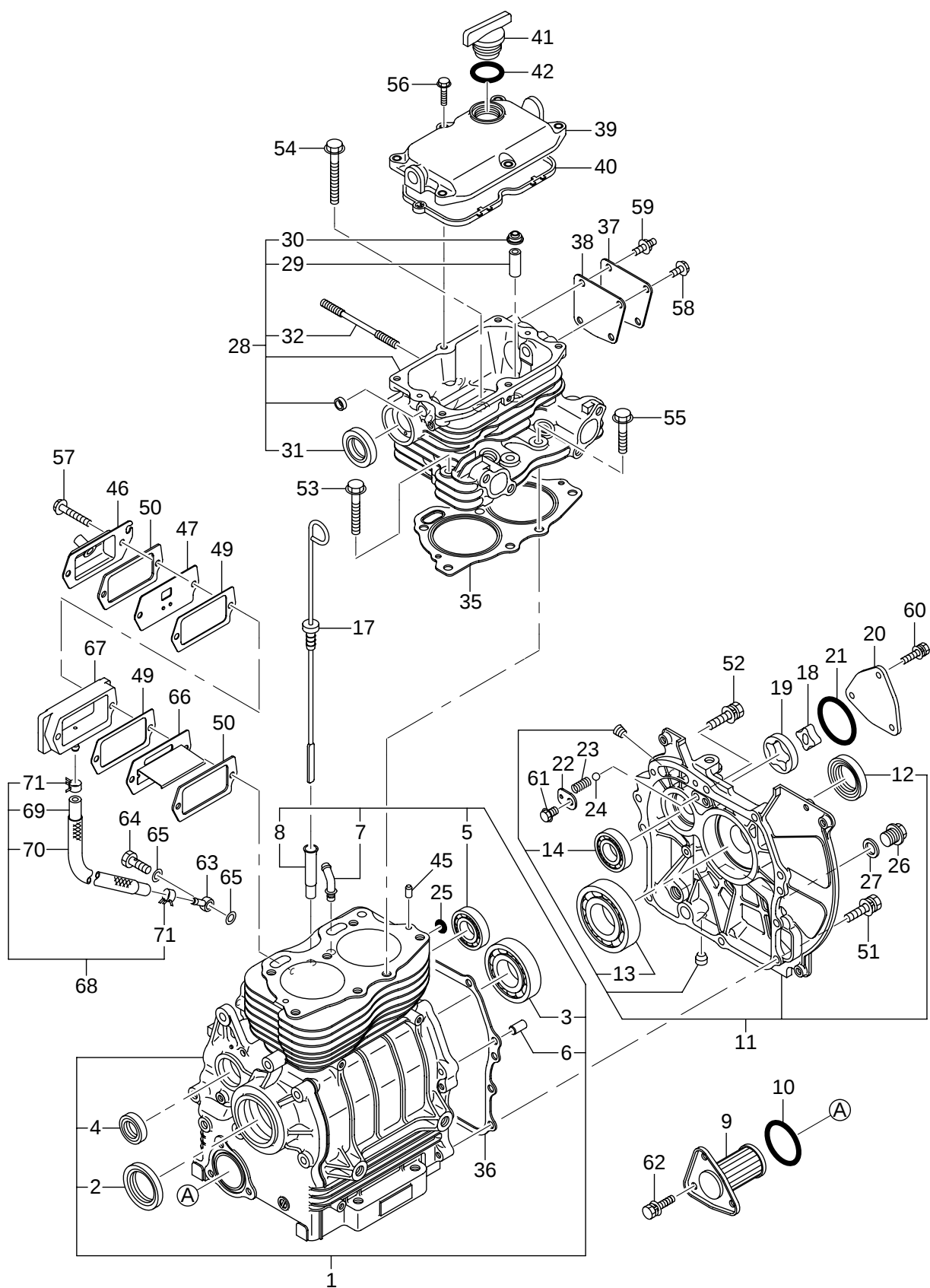


FIG.1 CRANKCASE and CYLINDER

Interchangeability

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This technical diagram illustrates the exploded view of a 4-cylinder internal combustion engine. The components are numbered as follows:

- 1**: Crankshaft
- 2**: Front crankshaft seal
- 6**: Timing cover
- 7**: Timing cover gasket
- 8**: Piston pin
- 9**: Piston
- 10**: Piston rings
- 11**: Piston pins
- 12**: Timing gear
- 13**: Timing gear cover
- 14**: Timing belt
- 15**: Timing belt tensioner
- 16**: Timing gear cover gasket
- 17**: Timing gear cover
- 18**: Timing gear cover nut
- 19**: Timing gear cover pin
- 20**: Timing belt pin

FIG.2 CRANKSHAFT and PISTON

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FIG.3 INTAKE and EXHAUST

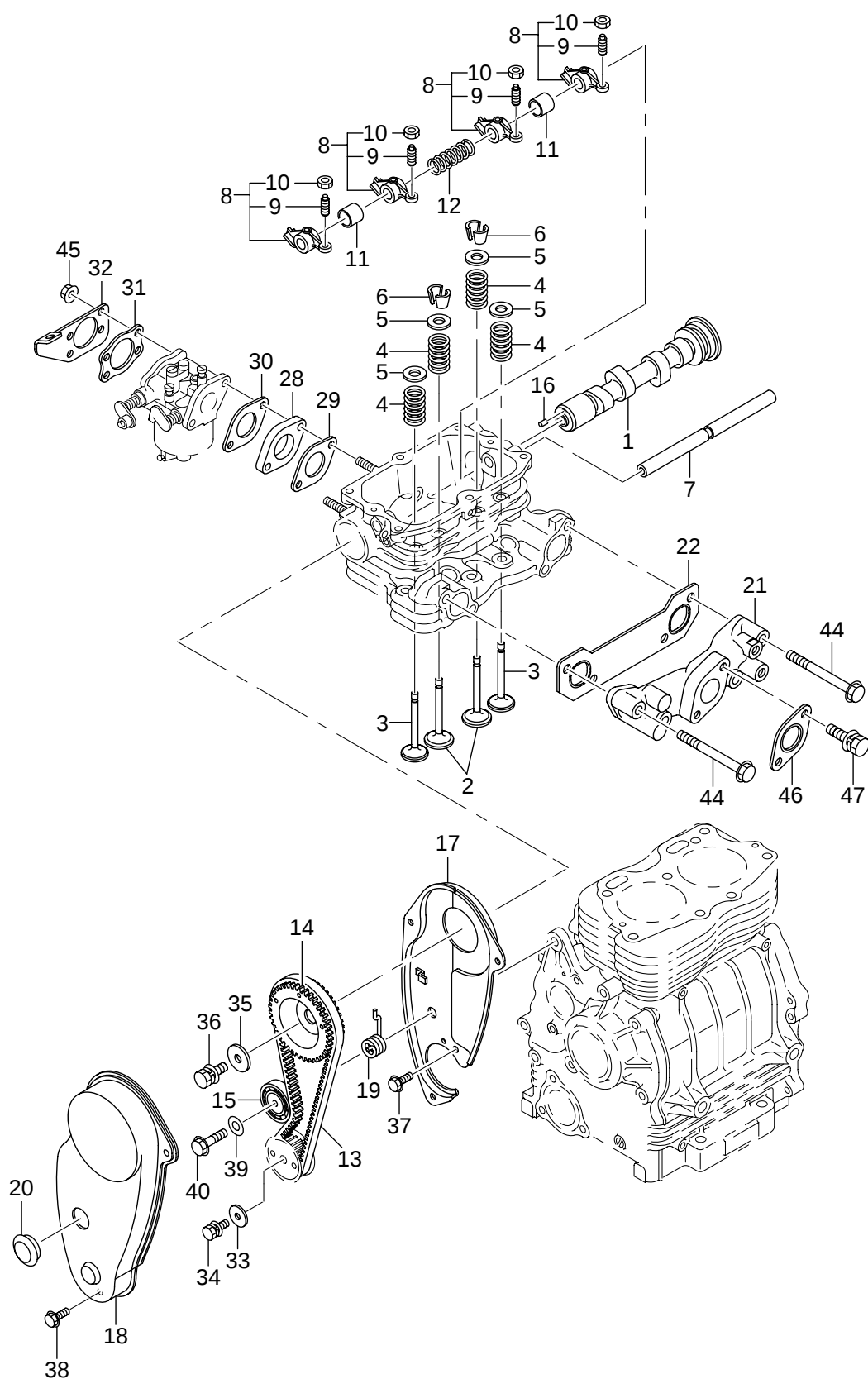


FIG.3 INTAKE and EXHAUST

Interchangeability

Ref. No.	Part Number	Description	Q'ty		Execution
1	251-31702-03	CAMSHAFT	1		
1	251-31701-03	CAMSHAFT	1		
2	251-33402-13	INTAKE VALVE	2		
2	251-33402-03	INTAKE VALVE	2		
3	251-33502-13	EXHAUST VALVE	2		
4	251-33602-A3	VALVE SPRING	4		
5	132-09KA0-40	RETAINER (VALVE SPRING)	4		
6	132-10KA0-31	COLLET-VALVE	8		
7	251-35002-03	ROCKER SHAFT	1		
*8	251-36101-00	ROCKER ARM ASS'Y Includes items 9 and 10	4		
9	014-90600-90	ADJUSTING SCREW (M6×0.75×20mm)	4		
10	017-00600-90	NUT (M6×0.75)	4		
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		
15	251-35702-01	IDLER COMPL.	1		
16	031-00300-22	DOWEL PIN	1		
17	251-36401-11	BELT COVER 1 UNIT	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		
22	251-35202-11	GASKET COMPL. (MANIFOLD)	1		
28	259-32901-A3	INSULATOR	1		
29	251-37101-13	GASKET 2 (INSULATOR)	1		
30	251-37101-13	GASKET 2 (INSULATOR)	1		
31	251-37201-03	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	001-13061-60	BOLT AND WASHER ASS'Y (M6×1.0×16mm)	1		
35	X20-00800-50	WASHER (8.5×28×2.3t)	1		
36	001-13082-00	BOLT AND WASHER ASS'Y (M8×1.25×20mm)	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		
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)	4		

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FIG.4 COOLING STARTING

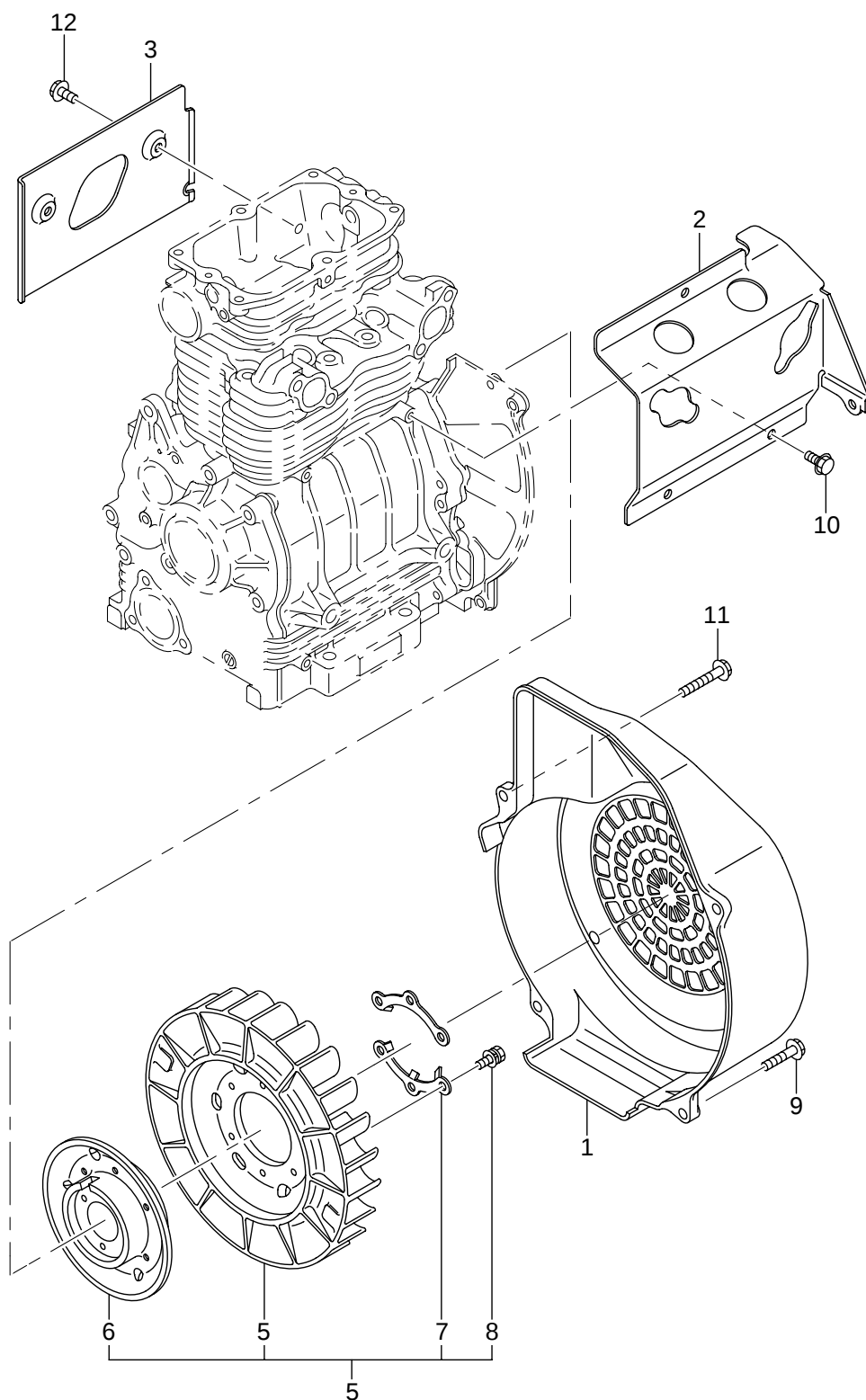


FIG.4 COOLING STARTING

Interchangeability

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FIG.5 CARBURETOR

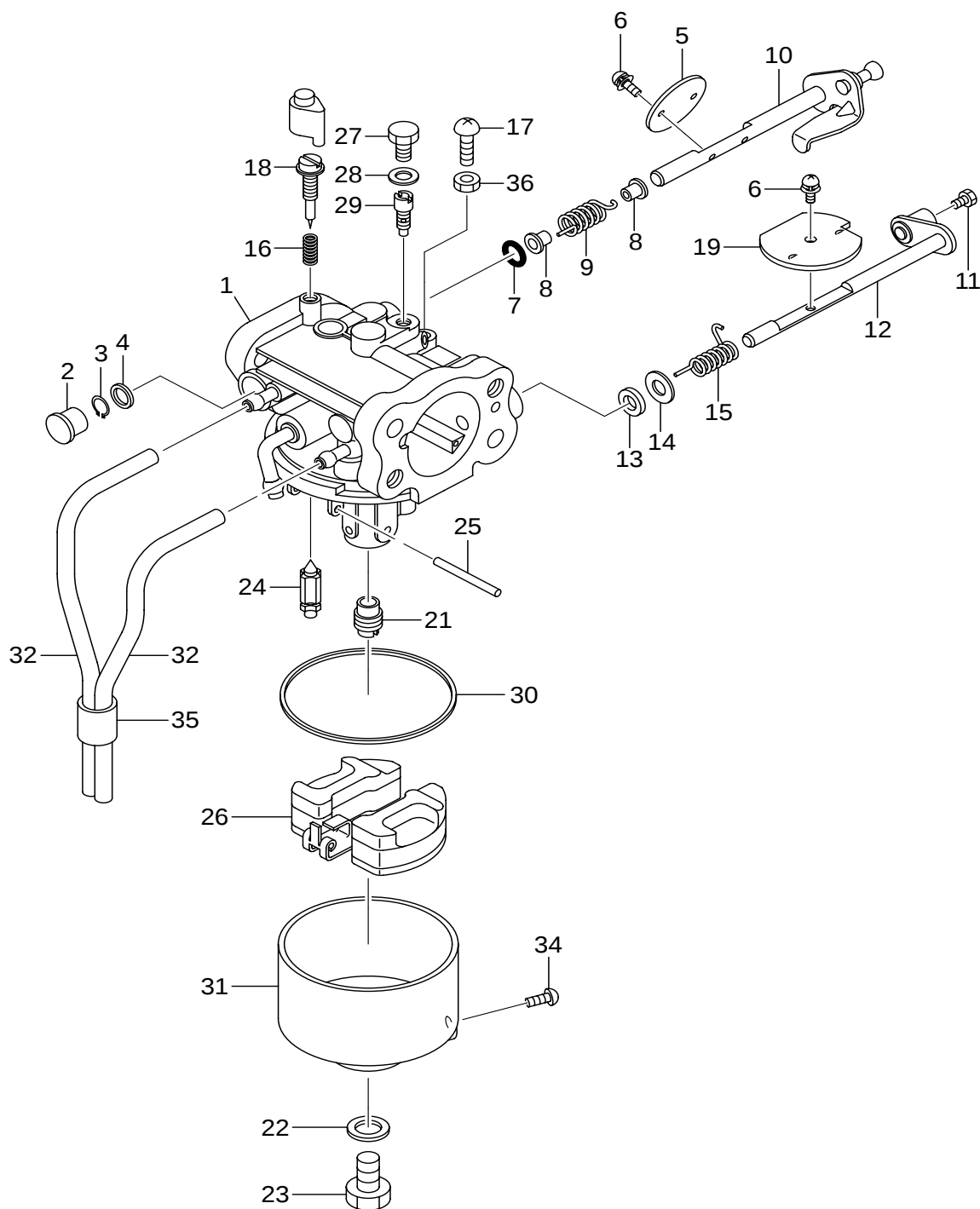


FIG.5 CARBURETOR

Interchangeability				
Ref. No.	Part Number	Description	Q'ty	Execution
*1	259-62301-00	CARBURETOR ASS'Y Includes items 2 thru 19, 21 thru 32 and 34 thru 36	1	✖
*1	251-62304-20	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	
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	251-62445-08	THROTTLE RETURN SPRING	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	251-62446-08	CHOKE RETURN SPRING	1	
16	251-62449-08	SPRING	1	
17	251-62456-08	SCREW	1	
18	251-62436-08	SCREW PILOT	1	
19	251-62525-28	CHOKE VALVE	1	
21	251-62360-08	MAIN JET (#90-TR)	1	✖
21	251-62404-08	MAIN JET (#92)	1	
22	251-62350-08	GASKET	1	✖
23	251-62453-08	SCREW	1	
24	251-62500-28	NEEDLE VALVE	1	
25	251-62515-08	PIN	1	
26	251-62505-08	FLOAT	1	
27	251-62460-08	PLUG	1	
28	251-62352-08	GASKET	1	
29	251-62380-08	SLOW JET (#46)	1	
30	251-62540-08	CHAMBER PACKING	1	
31	251-62550-08	FLOAT CHAMBER	1	
32	251-62565-08	RUBBER PIPE	2	
34	251-62661-08	DRAIN SCREW	1	
35	251-62660-08	RUBBER PIPE	1	
36	251-62470-08	NUT	1	

FIG.6 ELECTRIC DEVICE

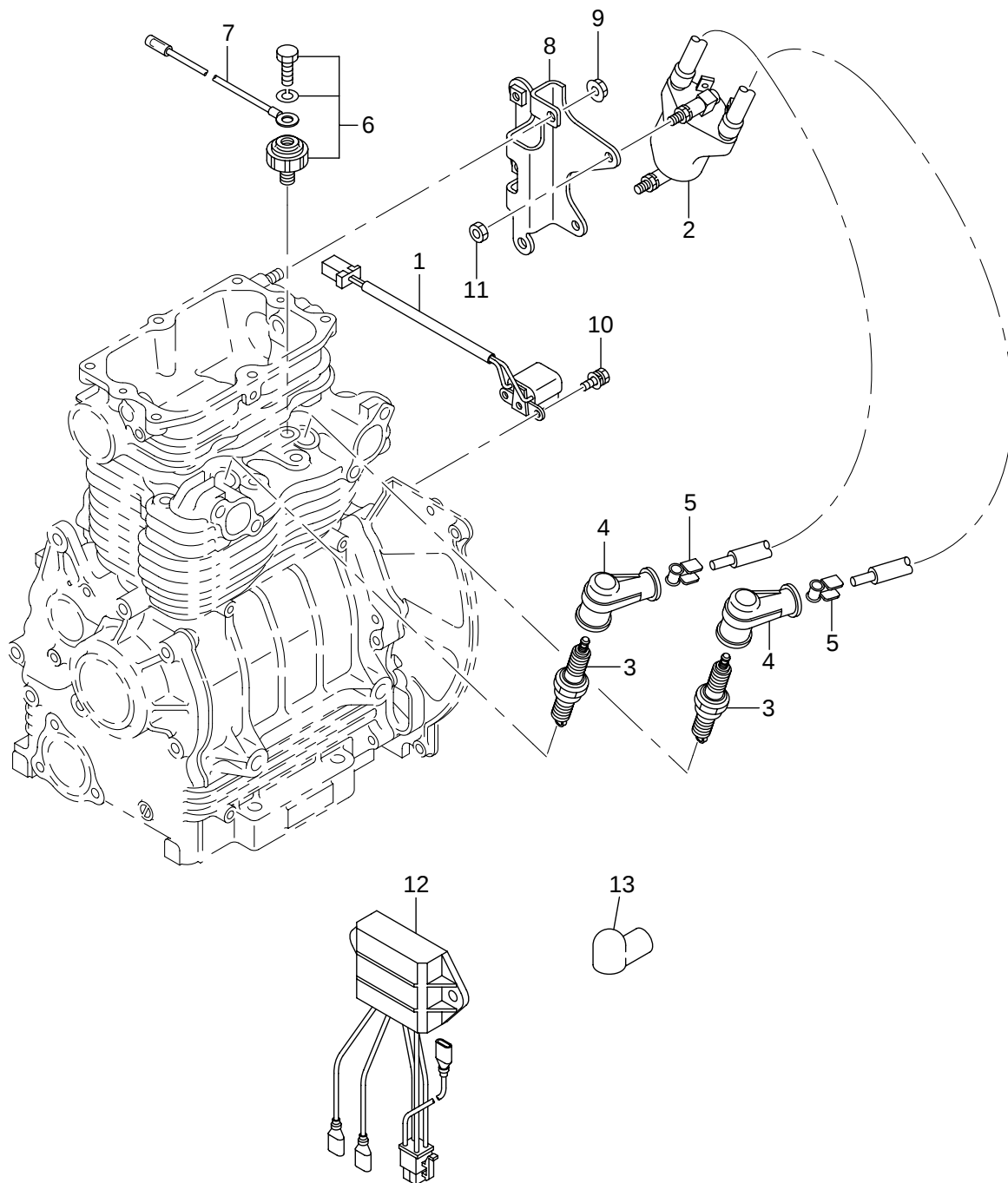


FIG.6 ELECTRIC DEVICE

Interchangeability

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FIG.8 FUEL PUMP

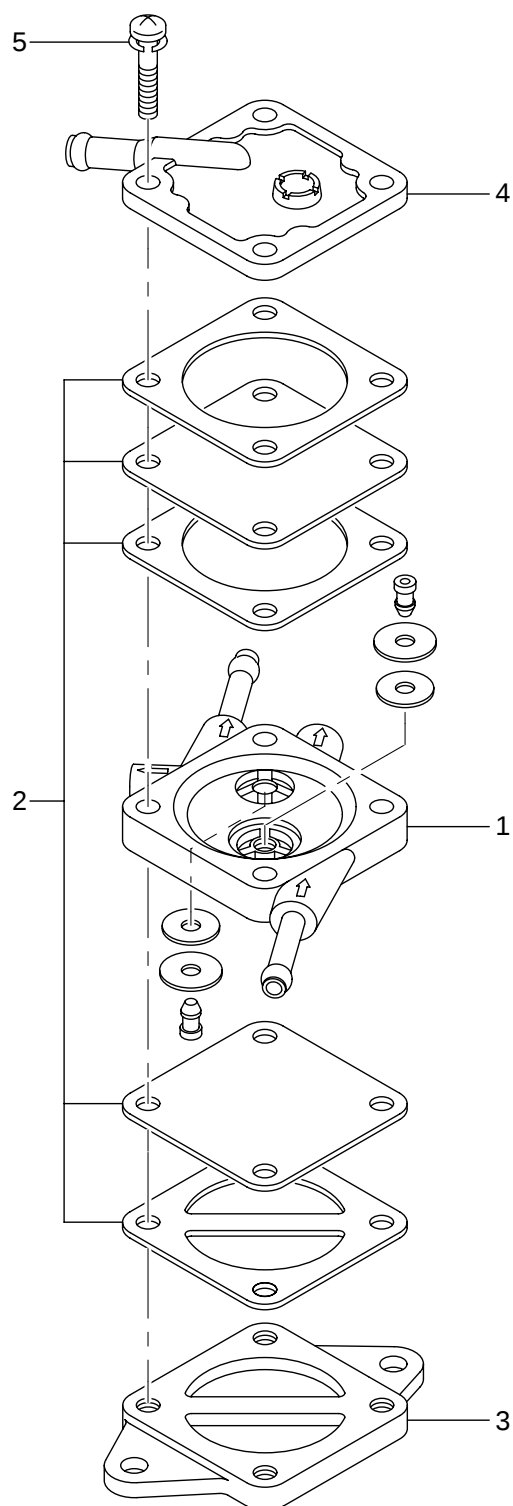


FIG.8 FUEL PUMP

Interchangeability

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FIG.9 PARTS TO BE SHIPPED LOOSE

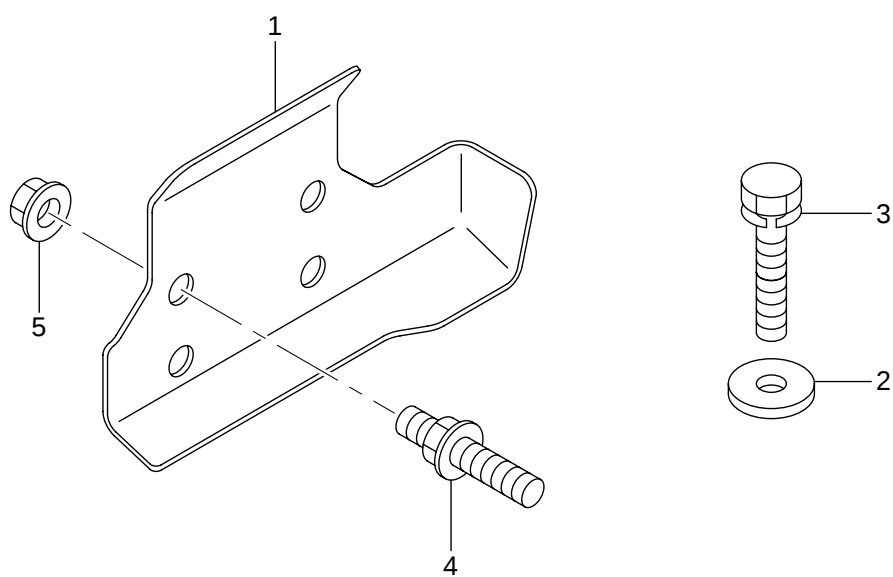


FIG.9 PARTS TO BE SHIPPED LOOSE

Interchangeability

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