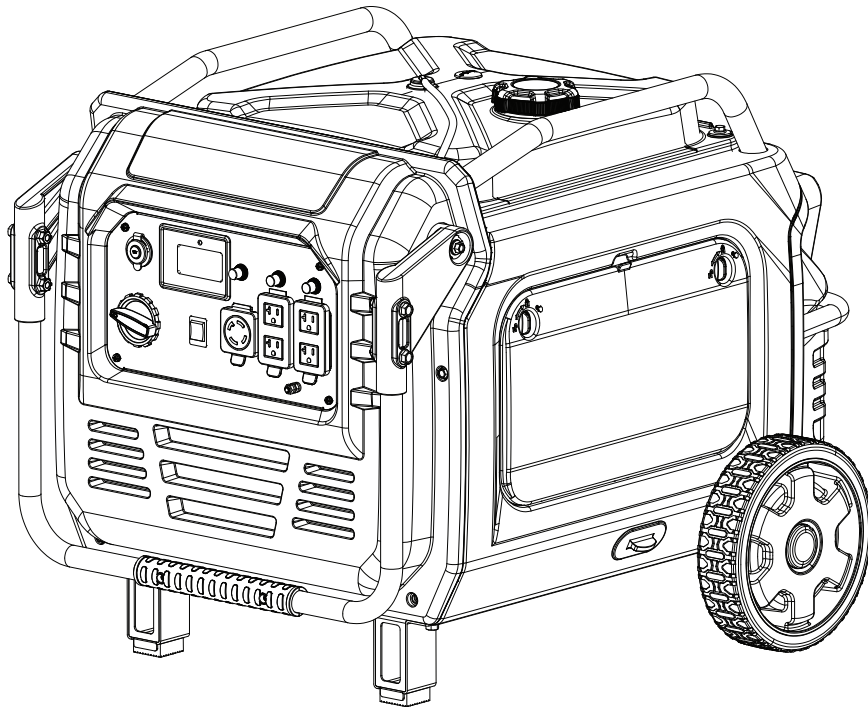




Champion Power Equipment, Inc.

MODEL #100719



PARTS INFORMATION

8500W ELECTRIC START INVERTER GENERATOR

SERIAL NUMBER RANGE: ALL



To order replacement parts please visit:
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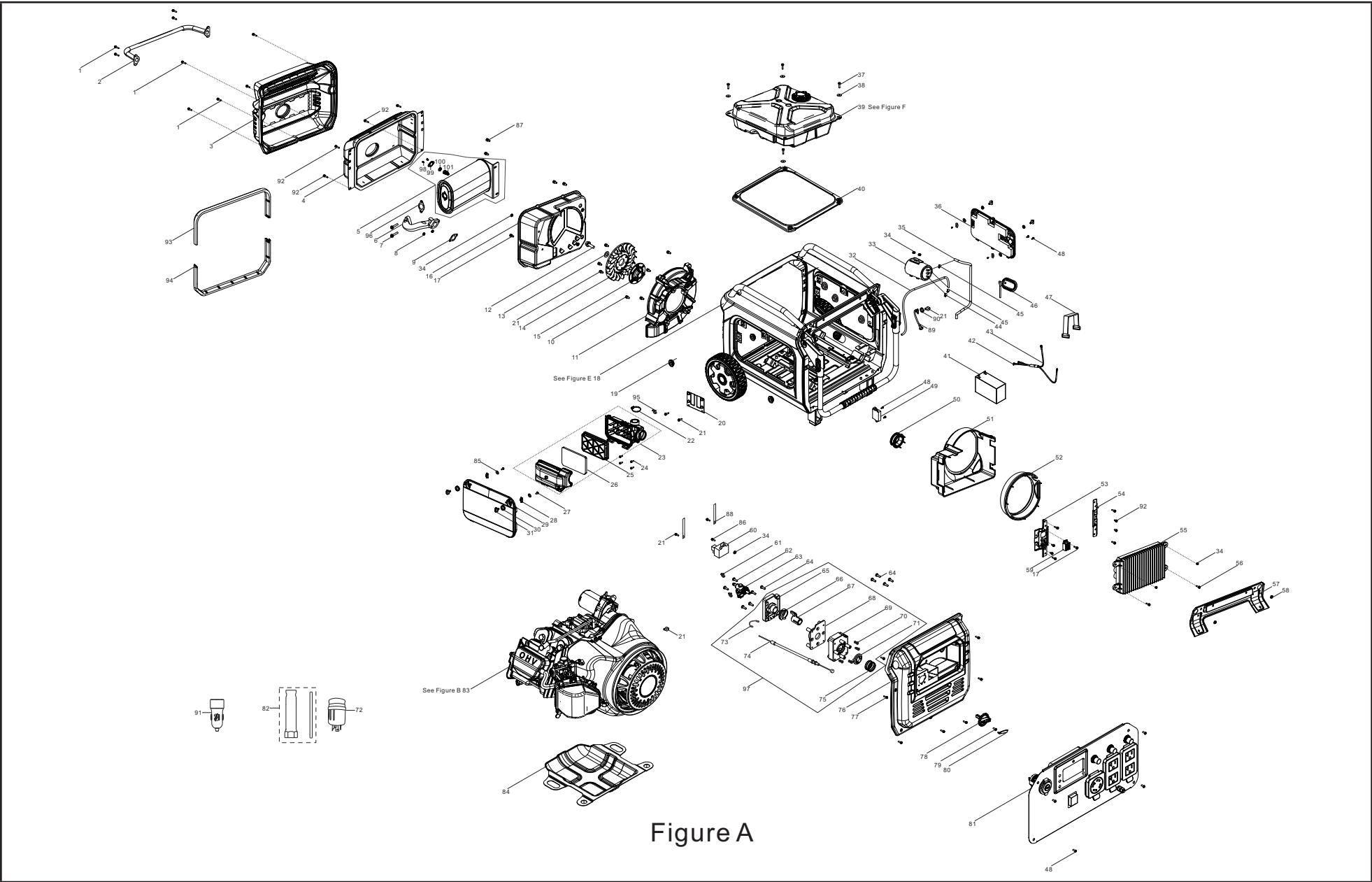
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INVERTER GENERATOR DIAGRAM



INVERTER GENERATOR PARTS LIST

#	Part Number	Description	Qty.
1	90001-0625-0306	Hexagon Flange Bolt, M6 x 25, Black Zinc	9
2	51001-YFA0110-H700	Crossbar Tube, Ø25	1
3	16673-YFA0110-Q200	Shield, Muffler Protection	1
4	18130-YFA0210-H700	Muffler Guard	1
5	18100-YFA0210-00A0	Muffler Assembly	1
6	18150-YFA0110-QAA0	Exhaust Pipe, Muffler	1
7	90001-YGC0110-0000	Hexagon Flange Bolt, M8 x 40, Black Zinc	2
8	90303-0800-0302	Nut, M8, Black Zinc	2
9	18001-Z1X0110-00A0	Exhaust Outlet Gasket	1
10	90001-0825-01A1	Hexagon Flange Bolt, M8 x 25, White Zinc	4
11	28110-YFA0110-0000	Shroud, Crankcase Cover	1
12	90002-1030-01	Hexagon Flange Bolt, M10 x 30, White Zinc	1
13	90408-Y030110-0100	Flat Washer, White Zinc	1
14	19352-YFA0110-00A0	Cooling Fan, Inverter	1
15	13515-YFA0110-0000	Mounting disc, Cooling Fan, Ø20 x Ø89 x 3.5	1
16	18003-YFA0111-H7A0	Muffler Guard, Inner	1
17	90007-0616-A102	Hexagon Flange Bolt, M6 x 16, White Zinc	6
18	96003-ZSS0R10-0000	Frame Assembly - See Figure H	1
19	16601-Y2V0210-0001	Vibration Mount, Fuel Tank	6
20	17003-YFA0110-H700	Air Cleaner Support	1
21	90001-0612-0101	Hexagon Flange Bolt, M6 x 12, White Zinc	9
22	12081-Z1E0110-0000	Clamp, Inlet Tube, M6x15	1
23	17100-Z1E0310-0000	Air Cleaner	1
24	90001-0620-0101	Hexagon Flange Bolt, M6 x 20, White Zinc	4
25	17150-Z1E0110-0000	Element Assembly, Air Cleaner	1
26	17151-Z1E0210-0000	Element, Air Cleaner	1
27	90124-Y9T0310-00A0	Self Tapping Screw, PT4x13	4
28	24329-YFB0110-Q200	Block	4
29	80092-YFA0110-L400	Cover Board, Left	1
30	16527-YFB0110-0000	Spring, Stopper Adjusting	4

#	Part Number	Description	Qty.
31	35643-YFB0110-Q2A0	Knob, Switch Dial, Engine	4
32	16804-YFA0110-00A0	Connection Tube, Ø6 x Ø05 x 470-Ø7.5xØ11x20	1
33	16801-YGC0110-00A1	Carbon Canister, 650 cc	1
34	90305-0600-01A1	Hexagon Flange Nut, M6, White Zinc	5
35	16805-YFA0110-00A0	Connection Tube, Air Cleaner, Ø4.5 x Ø8.5 x 737.5 - Ø6.5 x Ø10.5 x 17.5	1
36	80096-YFA0110-L400	Cover Board, Right	1
37	90001-0630-0305	Hexagon Flange Bolt, M6 x 30, Black Zinc	4
38	90408-Y090110-0000	Flat Washer, 6.2x25x2, Black Zinc	4
39	96003-ZSS0V10-0000	Fuel Tank Assembly - See Figure F	1
40	35671-YRJ0110-0000	Waterproof Strip	1
41	31110-YHB0110-00A0	Battery, 12V/14Ah, 150 x 65 x 90	1
42	31112-HYFA0110-0000	DC Wire Harness, Battery	1
43	31114-HYFA0110-0000	DC Wire Harness, Engine	1
44	90685-D120-0EA0	Clamp, Ø12 x 0.8 x 8	1
45	90685-D090-0EA0	Clamp, Ø9 x 0.8 x 8	2
46	90722-YFA0110-0000	Plug, End	1
47	31115-Y4G0110-0000	Strap, Battery	1
48	90103-0512-53A0	Screw, M5 x 12, Black Zinc	8
49	35720-YJR0110-0000	CO Alarm	1
50	17006-YFA0110-0000	Air Cleaner cushion	1
51	30041-YFA0110-Q200	Inverter Cover	1
52	30214-YFA0110-00A0	Gasket, Inverter Cover	1
53	30081-YFA0110-H700	Inverter, Bracket 1	1
54	30081-YFA0210-H700	Inverter, Bracket 2	1
55	30043-YFA0110-00A0	Inverter, 6.8/7.5kW_120V/240V_60Hz	1
	S/N:≤R2303200144		
	30043-YFA0111-00A0		
	S/N:>R2303200144		

#	Part Number	Description	Qty.
56	90007-0620-A1A0	Hexagon Flange Bolt, M6 x 20, White Zinc	2
57	51150HYFA0110-H7A0	Guard Plate Assembly	1
58	90305-0800-3305	Hexagon Flange Nut, M8, Black Zinc	2
59	30060-YFA0110-0000	Rectifier	1
60	30007-Y9X0210-0000	Charger Module, EC0803	1
61	90685-D085-0EA0	Clamp, Ø8.5 x 0.6 x 8	2
62	90255-0410-51A0	Screw & Washer Assembly, M4 x 10, White Zinc	2
63	16750-YJ10110-0000	Fuel Switch	1
64	90129-0416-01A0	Self Tapping Tcrew, White Zinc	8
65	50132HYHX0110-0000	Bracket, Fuel Switch	1
66	16144-YHX0110-0000	Stop block, Choke Pull	1
67	16144-YHX0210-0000	Stop block, Choke Pull	1
68	16265-YHX0110-Q200	Support Plate	1
69	35021-YHX0110-0000	Control Enclosure	1
70	90107-0413-03A0	Self Tapping Screw, PT4.2x13	4
71	16265-YHX0210-Q200	Support Plate	1
72	35613-YDR0210-Q600	Adapter, L14-30P to TT-30R	1
73	35191-YFA0110-0000	Wiring Harness, Microswitch	1
74	16080-YFA0110-0000	Choke Handle Subassembly	1
75	28224-YHX0110-00A0	Compression Spring	1
76	35680-YFA0110-Q200	Control Panel Housing	1
77	90001-0616-0301	Hexagon Flange Bolt, M6 x 16, Black Zinc	7
78	35643-YFB0210-Q2A0	Knob, Switch Dial, Engine	1
79	90103-0416-51A0	Screw, M4 x 16, White Zinc	1
80	82007-YJ70110-L400	Decorative Cover	1
81	35610-YFA0111-H700	Control Panel Assembly - See Figure G	1
	S/N:≤R2303200144		
	35610-YFA0112-H700		
	S/N:>R2303200144		
82	93130-YA50110-0100	Spark Plug Socket	1
83	R420DVI00FGB-CMP02	Engine, 420cc	1

#	Part Number	Description	Qty.
84	19306-Z1E0110-0000	Crankcase Air Deflector	1
85	90408-0400-E301	Flat Washer	4
86	90001-0616-01A1	Hexagon Flange Bolt, M6 x 16, White Zinc	1
87	90001-0816-0306	Hexagon Flange Bolt, M8 x 16, Black Zinc	2
88	90684-Z030120-0000	Clip, L=100	2
89	30009-YFA0110-0000	Grounding Wire	1
90	90415-0600-Z301	Lock Washer, Toothed, Black Zinc	1
91	35613-YBE0110-0000	12VDC USB Adapter	1
92	90007-0612-A301	Hexagon Flange Bolt, M6 x 12, Black Zinc	12
93	18005-YFA0110-0000	Heat Insulation rubber, muffler inner cover, Up	1
94	18005-YFA0210-0000	Heat Insulation rubber, muffler inner cover, Down	1
95	90685-D105-0EA0	Clamp, Ø10.5 x 0.8 x 8	1
96	18001-Z190110-00A0	Exhaust Outlet Gasket	1
97	35160HYFA0110-0000	Switch Assembly	1
98	90139-0510-01A0	Hexagon Bolt, M5x10, White Zinc	2
99	94111-YFA0110-0000	Shield	1
100	18218-YFA0210-0000	Sound Absorbing Block	1
101	18250-YFA0110-0000	Spark Arrestor	1

ENGINE PARTS DIAGRAM

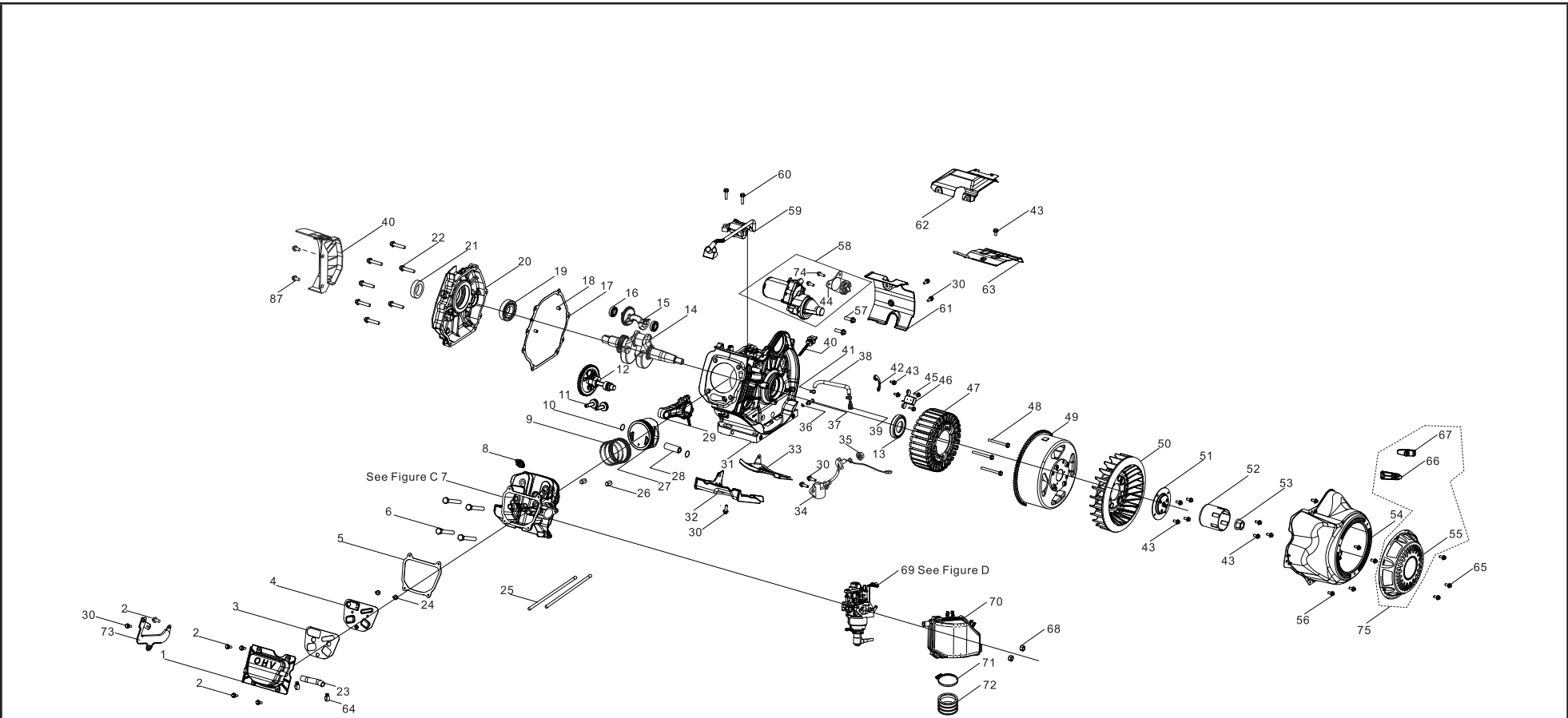


Figure B

ENGINE PARTS LIST

#	Part Number	Description	Qty.
1	12410-Z1E0110-0B00	Cylinder Head Cover Subassembly	1
2	90001-0620-01A1	Hexagon Flange Bolt, M6 x 20, White Zinc	5
3	11332-Z1E0110-0000	Gasket, Breather Groove Cover	1
4	11320-Z1E0110-0000	Breather	1
5	12004-Z1E0110-0000	Cylinder Head Cover Gasket	1
6	12003-Z080110-00A0	Cylinder Head Bolt, M10 x 80, White Zinc	4
7	96003-ZSS0S10-0000	Cylinder Head Assembly	1
8	30010-Z050110-00A0	Spark Plug, F7RTC	1
9	13200-Z190210-00A9	Piston Ring Assembly	1
10	13122-Z100110-00A0	Piston Pin Clip	2
11	14081-Z080110-00A0	Valve Tappet	2
12	14200-Z190810-00A0	Camshaft Assembly	1
13	90682-Z0J0110-00A0	Oil Seal, Ø40 x Ø52 x 9	1
14	13300-Z1E0211-0000	Crankshaft Assembly	1
15	13400-Z190320-00A0	Balancing Shaft	1
16	90548-0202-00A0	Bearing, 6202	2
17	11001-Z100220-00A0	Crankcase Gasket	1
18	90502-0812-00A0	Pin, 8 x 12	2
19	90547-0207-00A0	Bearing, 6207	1
20	11411-Z1E0110-0B00	Crankcase Cover	1
21	90682-Z100110-00A0	Oil Seal, Ø35 x Ø52 x 7	1
22	90001-0840-01A1	Hexagon Flange Bolt, M8 x 40, White Zinc	7
23	17004-Z1E0310-00A0	Tube, Breather	1
24	90001-0512-01A0	Hexagon Flange Bolt, M5 x 12, White Zinc	2
25	14070-Z0J0110-00A0	Valve Lifter	2
26	90502-1220-00A0	Pin, 12 x 20	2
27	13111-Z0J0110-00A0	Piston	1
28	13121-Z100110-00A0	Piston Pin, Ø20 x Ø14.75 x 62	1
29	13010-Z190120-00A0	Connecting Rod	1
30	90001-0616-01A1	Hexagon Flange Bolt, M6 x 16, White Zinc	6

#	Part Number	Description	Qty.
31	11310-Z1E0111-0B00	Crankcase Subassembly	1
32	19305-Z1E0110-0000	Cylinder Body Shroud 2	1
33	12014-Z1E0110-0000	Head Air Deflector	1
34	37060-Z080410-0000	Engine oil Sensor, W/O Nut	1
35	90305-Z010210-01A0	Hexagon Flange Nut, M10, White Zinc	1
36	90408-Z010510-00A0	Flat Washer, Ø15.8	1
37	90689-Z430211-00A0	Connector, Fuel Tube	1
38	11011-Z1E0110-0000	Oil Drain Hose Assembly	1
39	15030-Z010130-L400	Oil Plug Subassembly	1
40	15010-Z080131-Q2A0	Oil Dipstick Subassembly	1
41	90685-Z120210-0000	Clamp	2
42	30002-Z1E0210-01A0	Magneto Wiring Clamp	1
43	90001-0612-01A1	Hexagon Flange Bolt, M6 x 12, White Zinc	10
44	30500-Z170120-0000	Starting Relay	1
45	90001-0516-01A1	Hexagon Flange Bolt, M5 x 16, White Zinc	2
46	30130-Z1E0312-0000	Trigger Assembly	1
47	30120-YFA0110-0000	Stator Component, Ø179 x 53	1
48	90007-0665-A1A0	Hexagon Flange Bolt, M6 x 65, White Zinc	3
49	30110-YFA0110-00A0	Rotor Component, Ø179 x 53	1
50	19352-Z980110-00A0	Cooling Fan, Engine	1
51	28020-Z150120-0000	Starter Pulley Base	1
52	28002-Z1E0110-0000	Starter Pulley, White Zinc	1
53	13501-Z080110-00A0	Flywheel Nut, M16 x 1.5, White Zinc	1
54	28110-Z1E0110-H700	Shroud	1
55	28200-Z1E0110-H700	Recoil Starter Assembly	1
56	90001-0612-03A0	Hexagon Flange Bolt, M6 x 12, Black Zinc	5
57	90001-0825-01A1	Hexagon Flange Bolt, M8 x 25, White Zinc	2
58	30300-Z980610-0000	Motor Assembly, Starting	1
59	30400-Z1E0513-0001	Ignition Coil	1
60	90001-0625-01A1	Hexagon Flange Bolt, M6 x 25, White Zinc	2

#	Part Number	Description	Qty.
61	19351-Z1E0110-0000	Rear Shield, Crankcase	1
62	19304-Z1E0110-0000	Cylinder Body Shroud	1
63	28118-Z1E0110-0000	Block	1
64	90685-Z120110-00A0	Clamp, Ø10.5, White Zinc	2
65	90001-0608-03A0	Hexagon Flange Bolt, M6 x 8, Black Zinc	3
66	28004-YFA0110-Q200	Guide plate combination, Start Pull Rope	1
67	28210-YEB0110-L400	Start Pull Handle	1
68	90305-0600-31A0	Hexagon Flange Nut, M6, White Zinc	2
69	96003-ZSS0T10-0000	Carburetor Assembly, See Figure D	1
70	17400-Z1E0111-0000	Secondary Air Cleaner	1
71	12081-Z1E0110-0000	Clamp, Inlet Tube	1
72	12510-Z1E0110-0000	Inlet Tube	1
73	51124-YFA0110-H700	Mounting Bracket	1
74	90001-0516-01A0	Hexagon Flange Bolt, M5 x 16, White Zinc	2
75	96138-ZSS2610-0000	Recoil Starter Assy	1

CYLINDER HEAD DIAGRAM

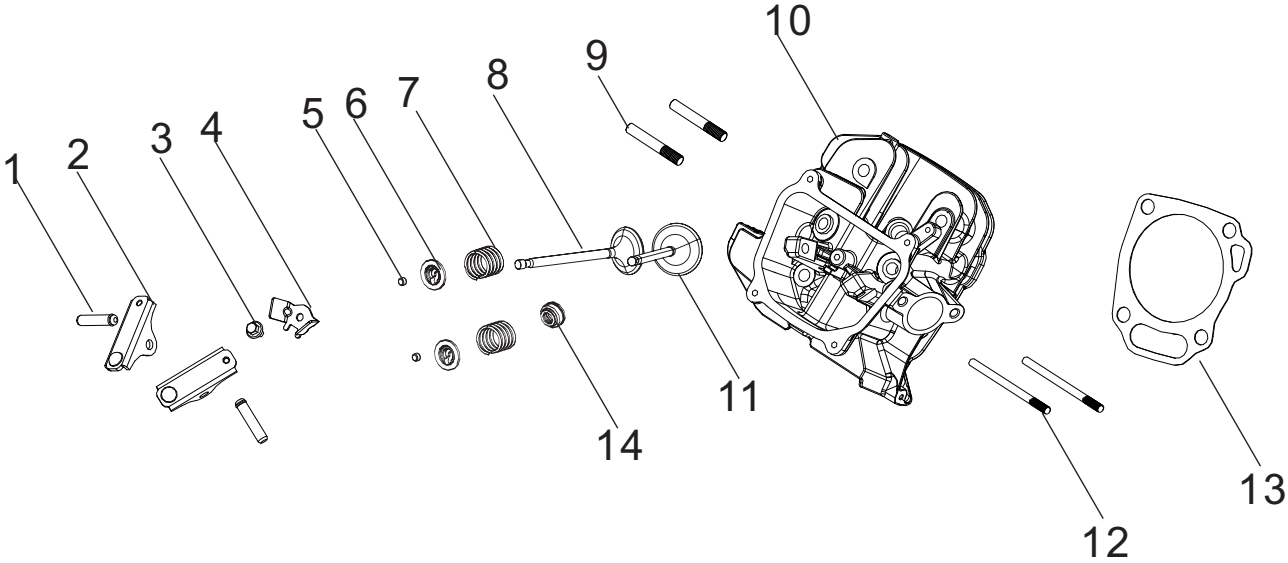


Figure C

CYLINDER HEAD PARTS LIST

#	Part Number	Description	Qty.
1	14318-Z990111-00A0	Valve Rocker Shaft Subassembly	2
2	14310-Z0J0110-00A0	Valve Rocker Subassembly	2
3	90001-0612-01A1	Hexagon Flange Bolt, M6 x 12, White Zinc	1
4	12419-Z950311-00A0	Pin Plate, Cylinder Head Cove	1
5	12104-Z010110-00A0	Valve Adjusting Cap, Ø5.6 x Ø8.5 x 5.2	2
6	12107-Z010110-00A0	Valve Spring Retainer, Exhaust valve	2
7	12103-Z990110-00A0	Valve Spring, Ø19.1 x Ø2.5 x 38	2
8	12121-Z0J0410-00A0	Exhaust Valve	1
9	90204-Z940210-0300	Stud, M8 x 47, Black Zinc	2
10	12140-Z1E0111-0BA0	Cylinder Head	1
11	12111-Z0J0210-0000	Intake Valve	1
12	90204-Z100410-0000	Stud, M6/M8 x 110, Black Zinc	2
13	12131-Z190510-00A0	Cylinder Head Gasket	1
14	12101-Z810110-00A0	Seal Guide	1

CARBURETOR DIAGRAM

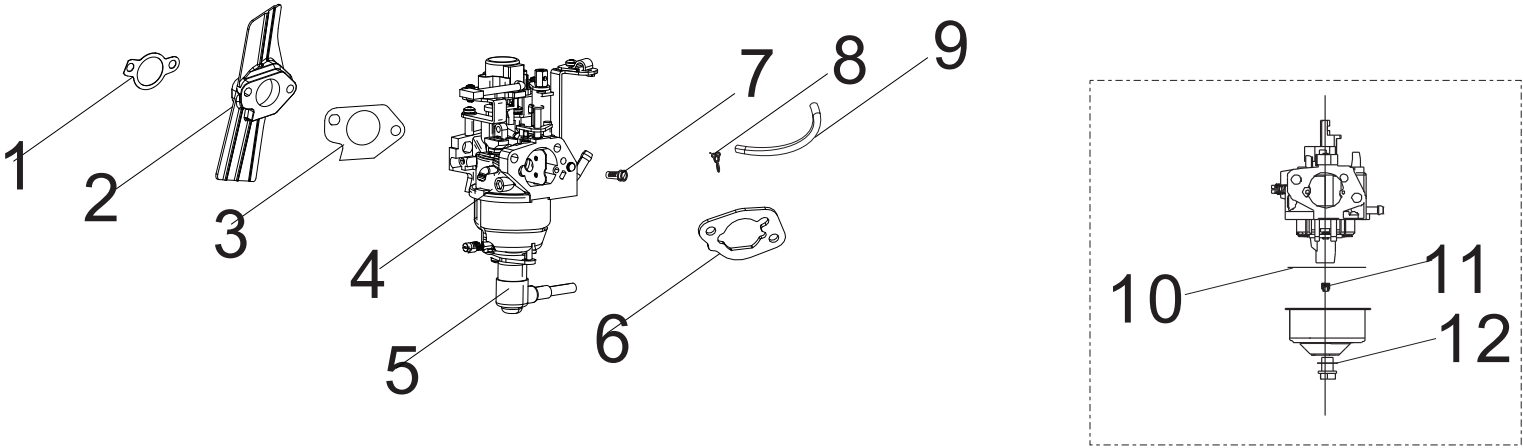
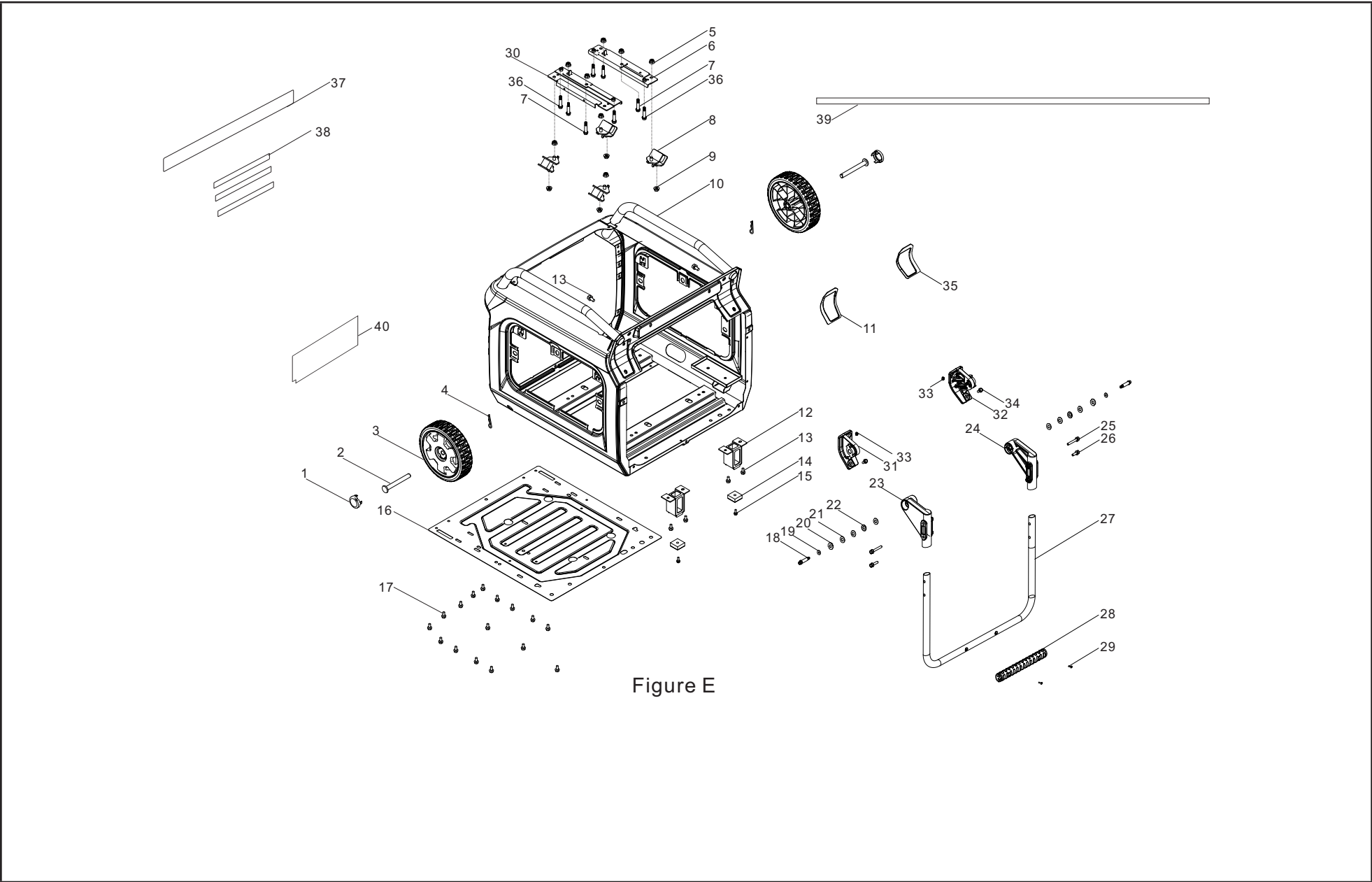


Figure D

CARBURETOR PARTS LIST

#	Part Number	Description	Qty.
1	17002-Z0J0110-00A0	Gasket, Inlet	1
2	16003-Z1E0110-0000	Carburetor Insulator Plate	1
3	16001-Z100110-00A0	Carburetor Gasket	1
4	16100-Z1E0611-00A0	Carburetor Assembly	1
5	16108-Z1E0210-0000	Magnetic Valve	1
6	17001-Z520210-00A0	Air Cleaner Gasket	1
7	16652-Z800110-00A0	Fuel Filter	1
8	90685-D090-0EA0	Clamp, Ø9 x Ø0.8 x 8, Army Green Zinc	1
9	90686-YBW0310-00M0	Fuel Tube, Ø4.5 x Ø8.5 x 260	1
10	16112-Z980210-00A0	Seal Ring, Float	1
11	16161-Z190110-00A0	Main Jet (H128×0.50), Standard	1
	16161-Z560110-00A0	Main Jet (H128X0.53), Altitude 3000-6000 Feet	/
	16161-Z1E0110-00A0	Main Jet (H128X0.56), Altitude 6000-8000 Feet	/
12	90681-Z1E0110-00A0	Seal Ring	1

FRAME ASSEMBLY DIAGRAM



FRAME ASSEMBLY PARTS LIST

#	Part Number	Description	Qty.
1	44001-V580110-L400	Cover, Hub Decorated	2
2	42002-YFA0211-0300	Axle, Black Zinc	2
3	44110-YGM0110-L400	Wheel, 9.5in, Yellow	2
4	90501-Y2C0110-03A1	B-Clip, White Zinc	2
5	90306-1000-3105	Hexagon Flange Nut, M10, White Zinc	8
6	51002-YFA0410-H7A0	Engine base plate	1
7	90002-1040-01A0	Hexagon Flange Bolt, M10 x 40, White Zinc	4
8	51005-HYN40110-00A0	Vibration Mount 1, Frame	4
9	90305-0800-3101	Hexagon Flange Nut, M8, White Zinc	4
10	51100-YFA0110-H7A0	Frame Assembly	1
11	51198-YFA0310-00A0	Sealing Strip, 15×5×(68+182+46+190), Right	1
12	51016-YFA0210-H7A0	Bracket, Support Leg	2
13	90001-0816-0306	Hexagon Flange Bolt, M8 x 16, Black Zinc	6
14	51014-HY940110-0000	Support Leg	2
15	90001-0616-0301	Hexagon Flange Bolt, M6 x 16, Black Zinc	2
16	51143-HYFA0111-H700	Plate, Bottom	1
17	90001-0610-0301	Hexagon Flange Bolt, M6 x 12, Black Zinc	16
18	71116-YFA0110-0300	Connecting Bolt, M8 x 1.25 x 11.5, Black Zinc	2
19	90412-YBW0110-Q2A0	Flat Washer, Ø12.2 x 27 x 2	2
20	42017-YG80110-09A0	Locking Washer, White Zinc	2
21	90412-YBW0210-01A0	Flat Washer, Ø13 x 25 x 1, White Zinc	4
22	90419-YBW0110-0300	Washer, Butterfly, Ø12.2 x 25 x 1 x 2, Black Zinc	4
23	54122-YFA0111-0000	Left Seat 1, Handle Tube Connecting	1
24	54122-YFA0211-0000	Left Seat 2, Handle Tube Connecting	1
25	90001-0845-03A0	Hexagon Flange Bolt, M8 x 45, Black Zinc	2
26	90001-0810-03A0	Hexagon Flange Bolt, M8 x 10, Black Zinc	2
27	54110-YFA0110-H7A0	Handle, Ø25 x 1.2	1
28	54101-YGM0110-L400	Handle Sheath, PMS 109C	1
29	90103-0416-5301	Screw, M4 x 16, Black Zinc	2

#	Part Number	Description	Qty.
30	51002-YFA0310-H7A0	Engine base plate 1	1
31	54113-HYFA0110-00A0	Left Seat, Handle Tube Connecting	1
32	54113-HYFA0210-00A0	Right Seat, Handle Tube Connecting	1
33	90305-0800-3305	Hexagon Flange Nut, M8, Black Zinc	2
34	90007-0820-03	Hexagon Flange Bolt, M8 x 20, Black Zinc	2
35	51198-YFA0210-00A0	Sealing Strip, 15×5×(68+182+46+190)	1
36	71116-YFA0210-L200	Connecting Bolt, M8 x 1.25 x 11.5, Orange	4
37	51198-YFA0110-00A0	Sealing Strip, 420×15×2	1
38	51198-YFA0410-00A0	Sealing Strip, 330×10×2	3
39	18212-YFA0110-00A0	Sound-absorbing Cotton	1
40	51198-YFA0510-00A0	Sealing Strip, 153×68×2	1

FUEL TANK DIAGRAM

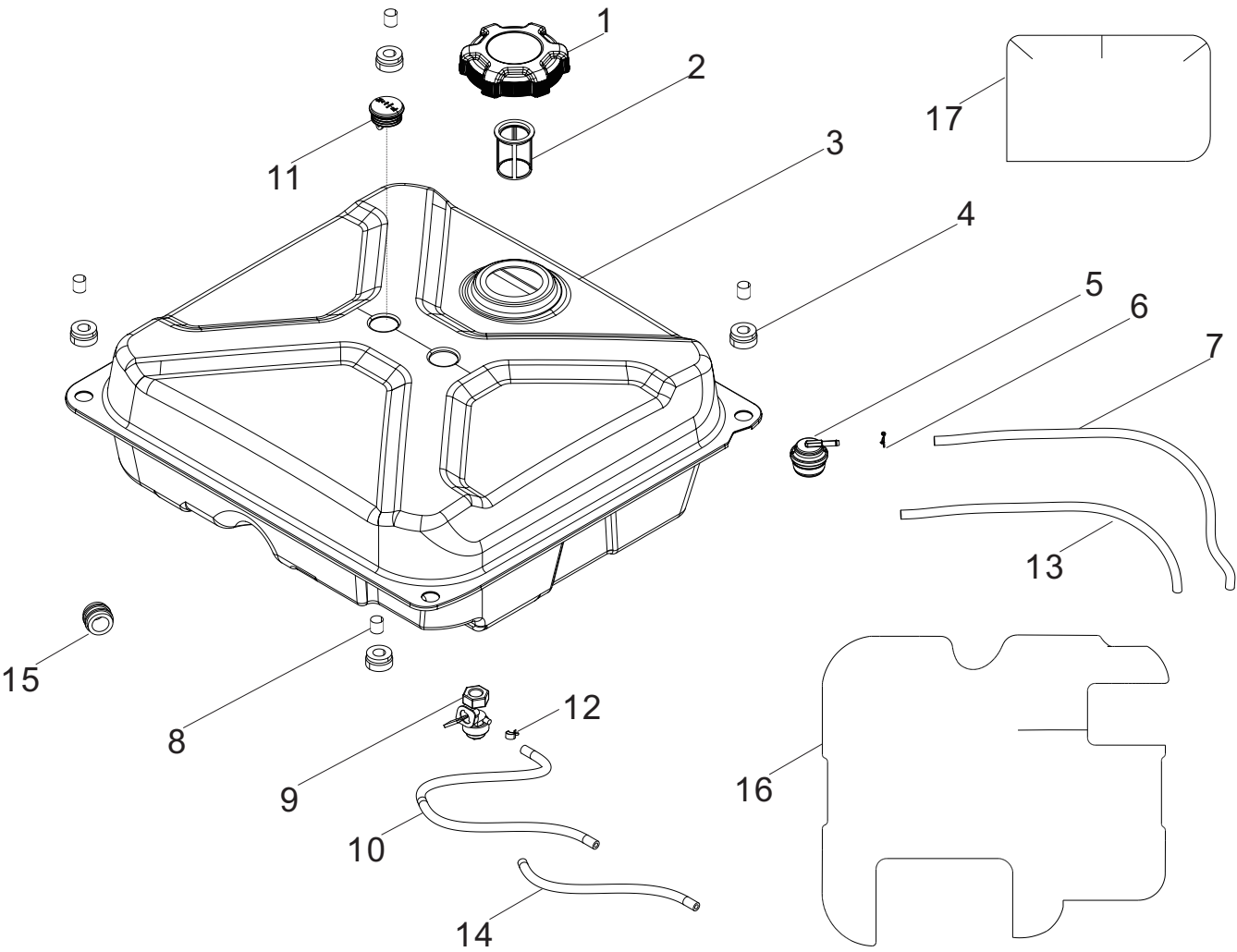


Figure F

FUEL TANK PARTS LIST

#	Part Number	Description	Qty.
1	16730-YGM0110-00A0	Fuel Tank Cap	1
2	16652-YGM0110-00A0	Fuel Filter	1
3	16620-YFA0110-L4A0	Fuel Tank	1
4	16601-Y020120-00A0	Rubber Sleeve, Vibration Mount, Fuel Tank	4
5	15150-YGK0110-00A0	One Way Valve	1
6	90740-Z010610-00A0	Clamp, Ø9, White Zinc	1
7	16804-YFA0210-00A0	Tube, Ø4.5 × Ø8.5 × 435	1
8	90683-Y020110-00A0	Bushing, White Zinc	4
9	16750-YA40211-00A0	Fuel Valve Assembly	1
10	90686-YFA0110-00M0	Tube, Ø4.5 × Ø8.5 × 340	1
11	37200-YJ30110-00A0	Fuel Gauge	1
12	90685-D085-0EA0	Clamp, Ø8.5 x 8 x 0.6	1
13	30431-Z010510-0000	Rubber Sleeve, Ø9.5 x Ø11 x 125	1
14	30431-YBW0210-0001	Rubber Sleeve, Ø10 x Ø11 x 180	1
15	90698-Y1Z0110-0000	Protective Rubber Sleeve	1
16	82153-YFA0110-00A0	Heat isolation sheet 1	1
17	82153-YFA0210-00A0	Heat isolation sheet 2	1

CONTROL PANEL DIAGRAM

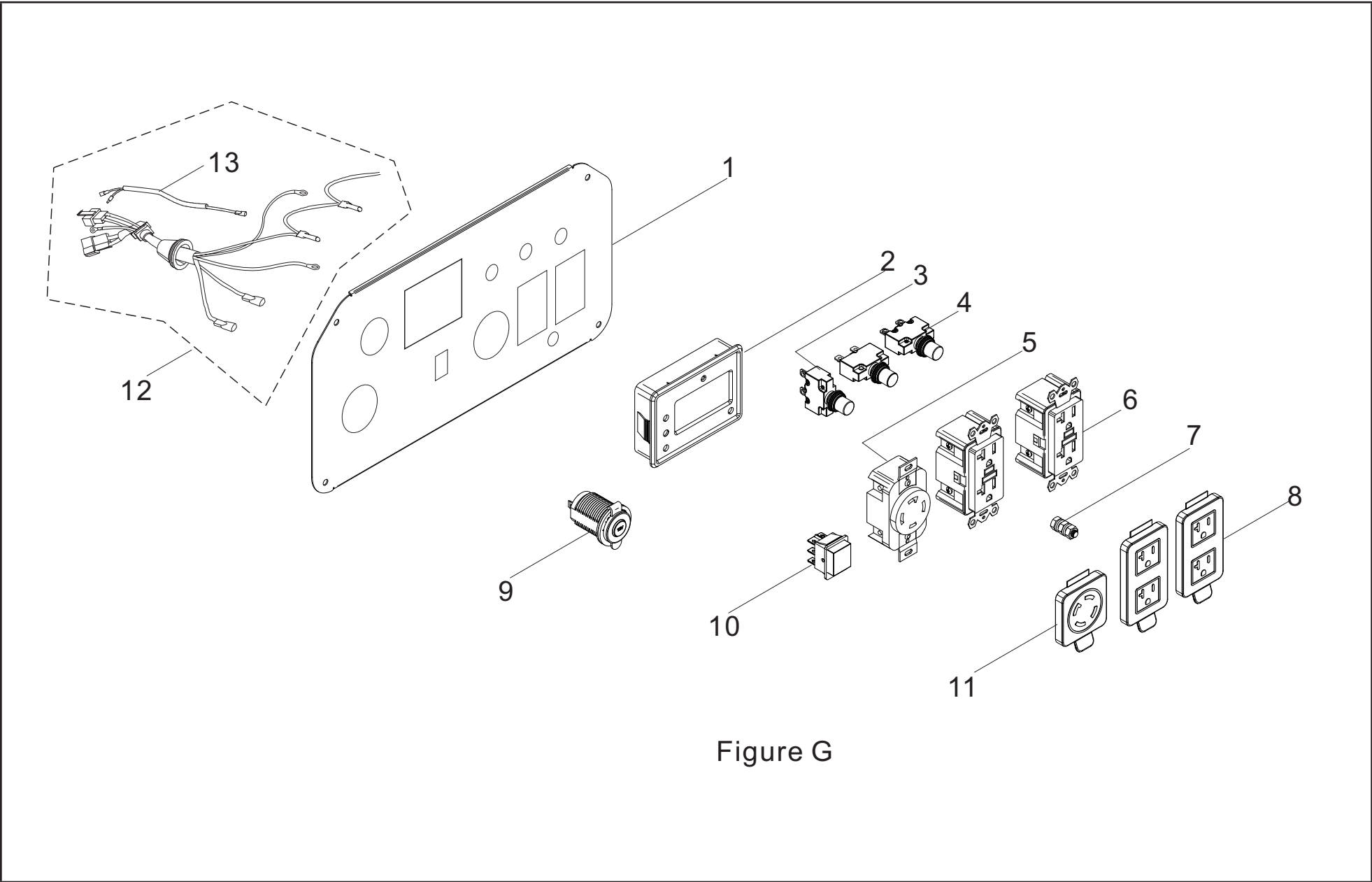


Figure G

CONTROL PANEL PARTS LIST

#	Part Number	Description	Qty.
1	35650-YFA0110-0000	Control Panel	1
2	35632-YFA0110-0000	Intelligauge	1
3	31234-YBE0110-0000	Circuit Breaker, Push Button, 125/250V_8A	1
4	31234-YBE0210-0000	Circuit Breaker, Push Button, 125/250V_20A	2
5	35614-Y090110-0000	L14-30R Receptacle, 30A, 125V/250V	1
6	35614-Y9X0110-0000	Receptacle, 20A, 125V/125V, 5-20R GFCI	2
7	35629-Y090110-0000	Ground Terminal Assembly	1
8	35654-YGK0910-0000	Receptacle Cover, L14-30R	2
9	35619-Y110110-0000	Automotive Receptacle, 12V DC	1
10	35160-YJ90110-00A0	Switch Assembly, Engine	1
11	35654-YGK0610-0000	Receptacle Cover, L14-30R	1
12	35660HYFA0110-0000	Cable, Control Panel	1
13	90805-YFA0110-0000	Connecting Wires, Inverter	1
	S/N:>R2303200144		

WIRING DIAGRAM

