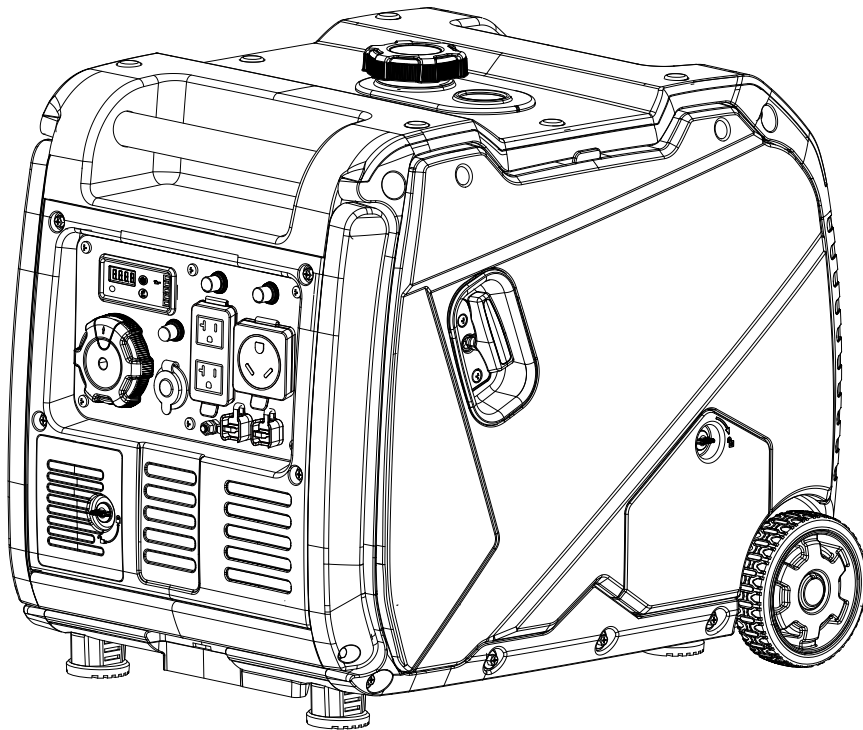




Champion Power Equipment, Inc.

MODEL #201154



PARTS INFORMATION

4650W PORTABLE INVERTER GENERATOR

SERIAL NUMBER RANGE: ALL



To order replacement parts please visit:
shop.championpowerequipment.com
or call **1-877-338-0999**.

TABLE OF CONTENTS

Inverter Generator Parts Diagram..... 3

Inverter Generator Parts List 4

Engine Parts Diagram 6

Engine Parts List 7

Cylinder Head Diagram..... 9

Cylinder Head List 10

Carburetor Diagram 11

Carburetor List..... 12

Frame Part Diagram 13

Frame Part List..... 14

Fuel Tank Diagram..... 15

Fuel Tank List 16

Outlet Panel Diagram 17

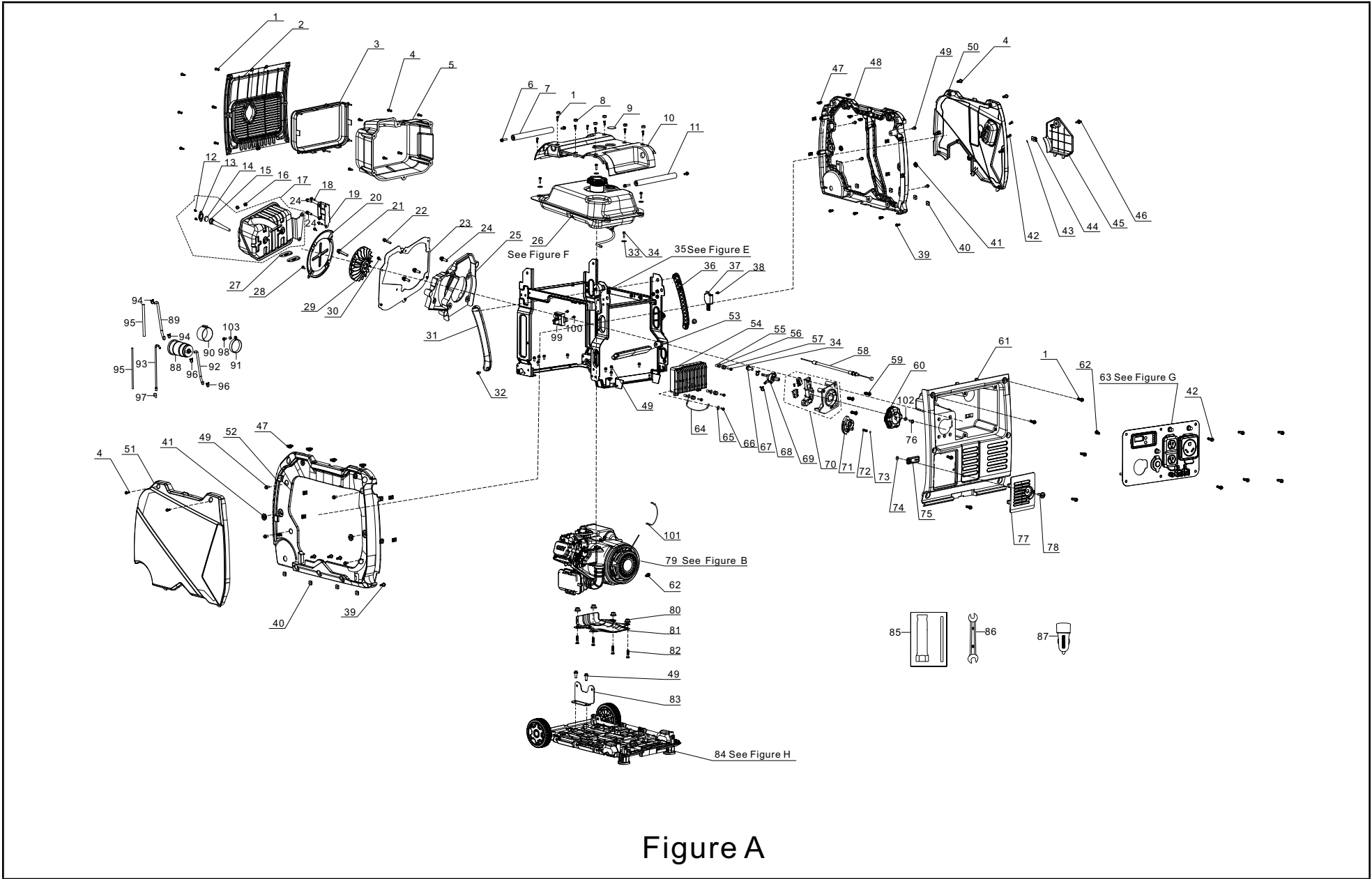
Outlet Panel List 18

Wheel Kit Part Diagram 19

Wheel Kit Part List..... 20

Wiring Diagram 21

INVERTER GENERATOR PARTS DIAGRAM



INVERTER GENERATOR PARTS LIST

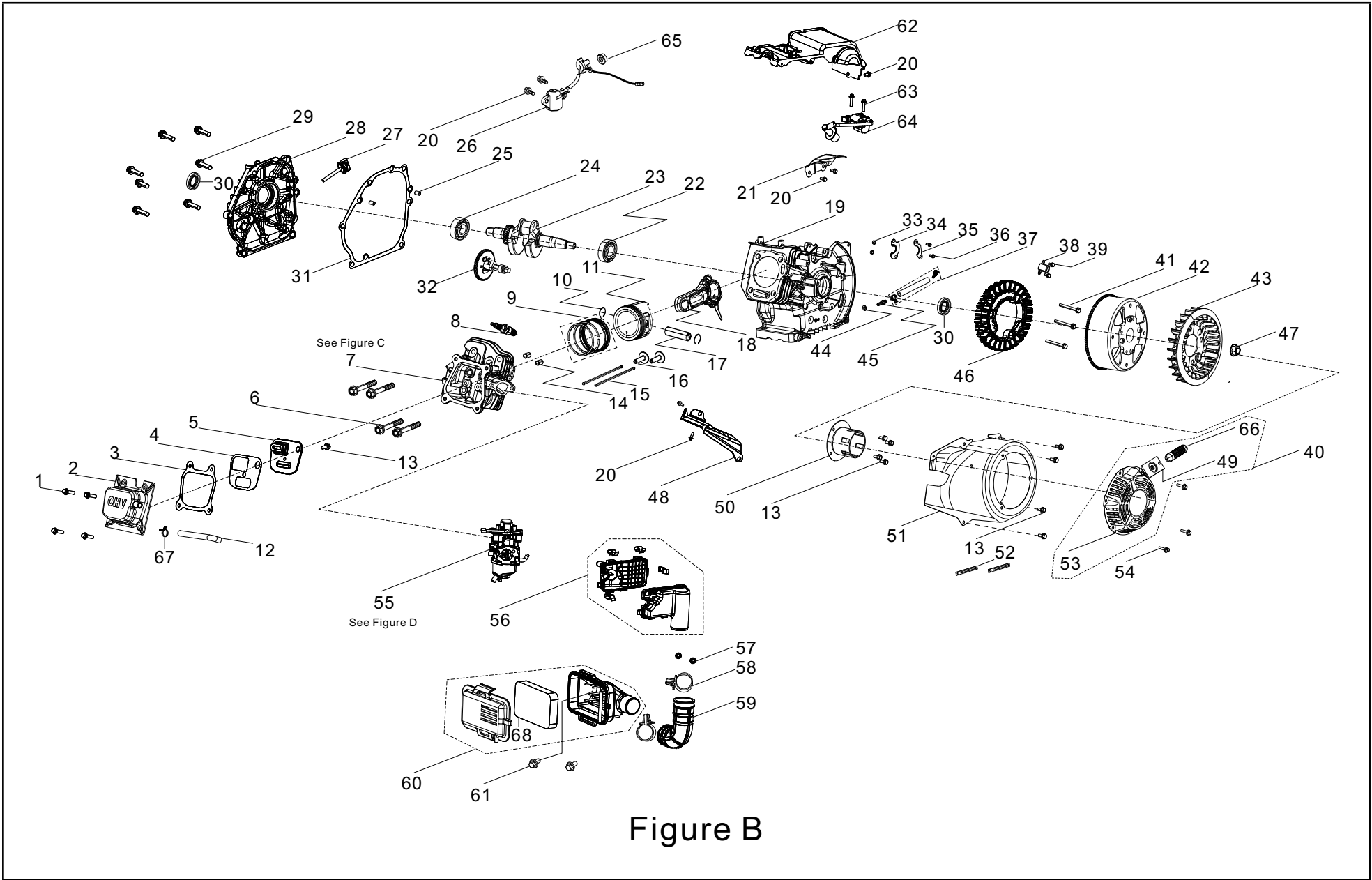
#	Part Number	Description	Qty.
1	90208-YB00410-0000	Hexagon Step Bolt, M5 x 16, Black Zinc	20
2	18002HYBW0110-Q201	Louver, Muffler	1
3	18018-Y2P0120-0001	Insulator Glue Cushion, Muffler	1
4	90208-YB00210-0000	Hexagon Step Bolt, M5 x 12, Black Zinc	10
5	18130HYBW0110-Q201	Muffler Guard	1
6	90115-0830-13A0	Hexagon Socket Bolt, M8 x 30, Black Zinc	4
7	80153HYBW0210-H801	Handle 2, Ø28 x 332	1
8	90722-YBW0110-0001	Plug 1, End	6
9	37205-Y2V0310-00A1	Fuel Gauge	1
10	94230HYBW0110-Q201	Cover, Upper	1
11	80153HYBW0110-H801	Handle 1, Ø28 x 273	1
12	18012-Z800310-0000	Bolt, M5 x 10, Spark Arrestor	2
13	18213-Z800310-0000	Cover Plate, Spark Arrestor	1
14	18218-Z800210-0000	Muffling Block	1
15	18250-Z800210-0000	Spark Arrestor	1
16	90303-0800-31A0	Hexagon Nut, M8, White Zinc	2
17	18100-YBW0111-00A0	Muffler Assembly	1
18	90007-0612-A1A0	Hexagon Flange Bolt, M6 x 12, Big head, White Zinc	2
19	18030HYBW0110-H7A0	Muffler Bracket	1
20	18020-YBW0110-0000	Plate, Muffler Insulator	1
21	90001-0820-01A0	Hexagon Flange Bolt, M8 x 20, White Zinc	1
22	90007-0635-A1A0	Hexagon Flange Bolt, M6 x 35, White Zinc	1
23	18299HYBW0121-0000	Bracket, Muffler Guard	1
24	90001-0816-01A0	Hexagon Flange Bolt, M8 x 16, White Zinc	5
25	28110HYBW0111-Q200	Shroud	1
26	96003-ZSS2210-0000	Fuel Assembly - See Figure F	
27	18001-Z950110-00A0	Exhaust Outlet Gasket	2
28	90134-YB00110-0000	Bolt, M5 x 12, Black Zinc	2
29	19352HYBW0110-Q2A0	Cooling Fan, Inverter	1

#	Part Number	Description	Qty.
30	90124-Y9T0310-00A0	Self Tapping Screw, PT4x13	1
31	54912HYBW0110-Q201	Rotating Arm 2, Left	1
32	90001-0612-03A0	Hexagon Flange Bolt, M6 x 12, Black Zinc	2
33	90408-Y020310-0000	Flat Washer, Ø25 x Ø6.2 x 2, White Zinc	4
34	90001-0625-01A1	Hexagon Flange Bolt, M6 x 25, White Zinc	7
35	96003-ZSS2310-0000	Frame - See Figure E	
36	54912HYBW0210-Q201	Rotating Arm 1, Right	1
37	30060-YHV0110-0000	Rectifier	1
38	90001-0616-03A0	Hexagon Flange Bolt, M6 x 16, Black Zinc	1
39	90208-YB00110-0000	Hexagon Step Bolt, M6 x 20, Black Zinc	8
40	90326-Y2V0110-0000	Square Nut, M6, White Zinc	8
41	16601-Y2V0210-0001	Vibration Mount 2, Fuel Tank	4
42	90255-0512-53A0	Screw & Washer Assembly, M5 x 12, Black Zinc	8
43	37073-Y2V0110-0000	Clip, Spring	1
44	24329-Y9T0120-Q201	Block 1	1
45	51197HYH30110-L401	Side Access Panel, Service	1
46	80105-YB00110-Q201	Knob, Side Access Panel, Service	1
47	17199-YB00110-0000	Clip Nut, M5, White Zinc	16
48	80095HYBW0110-Q201	Shell, Right	1
49	90001-0612-01A1	Hexagon Flange Bolt, M6 x 12, White Zinc	19
50	80096HYH30210-L400	Cover Board, Right	1
51	80092HYHV0210-L400	Cover Board, Left	1
52	80091HYBW0110-Q201	Shell, Left	1
53	54913-YBW0110-0P00	Rotating Bar	1
54	30043-YH30210-0000	Inverter, 3.3/3.8KW, 120V/60Hz	1
55	90683-Y2P0210-0000	Bushing, Ø11 x Ø7 x 16	3
56	90406-0600-E1A0	Flat Washer, Ø6.4 x Ø18 x 1.6, White Zinc	3
57	30431-Y2P0110-0001	Rubber Sleeve	3
58	16080-YBW0110-0000	Choke Handle Subassembly	1

#	Part Number	Description	Qty.
59	90129-0416-01A0	Self Tapping Screw, 4.2x16, White Zinc	3
60	35643HYH30110-Q2A1	Knob, Switch Dial, Engine	1
61	35680HYBW0310-Q200	Control Panel Housing	1
62	90001-0610-01A1	Hexagon Flange Bolt, M6 x 10, White Zinc	2
63	35610-YHV1010-H200	Control Panel Assembly - See Figure G	1
64	30009-YH30110-0000	Grounding Wire	1
65	90408-0500-E1A0	Flat Washer, Ø5, White Zinc	1
66	90005-0408-00	Hexagon Screw, M4 x 8, White Zinc	1
67	90001-0614-01A1	Hexagon Flange Bolt, M6 x 14, White Zinc	1
68	90685-D080-0EA0	Clamp, Ø8.0 x 0.6 x 7	2
69	16750-Y2V0210-00A0	Fuel Valve Assembly	1
70	35160-YHV0110-0000	Switch Assembly, Engine	1
71	94111-Y2V0410-00A1	Cover Board, 45x14	1
72	16527-Y2V0210-0000	Spring, Stopper Adjusting	1
73	90543-0500-00A0	Ball, Steel	1
74	90341-YA50110-0000	Nylon Nut, M5, Black, Zinc	1
75	24329-YCF0110-Q201	Block 2	1
76	90103-0416-51A0	Screw, M4 x 16, White Zinc	1
77	31123HYBW0110-Q201	Cover, Battery	1
78	90208-Y9T0120-0000	Hexagon Step Bolt, M5 x 16, 6mm	1
79	R210MVI00F0B-CMP01	Engine, 212cc, EPA3, Electric - See Figure B	1
80	90305-0800-31A0	Hexagon Flange Nut, M8, White Zinc	4
81	19306-Z1D0110-0000	Crankcase Air Deflector	1
82	90001-0840-01A1	Hexagon Flange Bolt, M8 x 40, White Zinc	4
83	17003HYBW0110-H701	Air Cleaner Support	1
84	96003-ZSS2410-0000	wheel kit - See Figure H	1
85	93130-Z010410-0100	Spark Plug Socket	1
86	93107-Y920210-0100	Wrench, 8 - 10, White Zinc	1
87	35613-YBE0110-0000	12VDC USB Adapter	1
88	16801-YDR0110-00A0	Carbon Canister, 240cc	1
89	16804-YBW0110-0001	Connection Tube, Ø4.5 x Ø8.5 x 265	1
90	30431-YBW0110-0001	Rubber Sleeve, Carbon Canister	1

#	Part Number	Description	Qty.
91	16806-YBW0110-QCA0	Mounting Plate, Carbon Canister	1
92	16805-YDR0110-0001	Connection Tube, Air Cleaner, Ø7.5 x Ø11 x 255	1
93	16804-YBW0210-0001	Connection Tube, Ø4.5 x Ø8.5 x 335	1
94	90685-Z030220-0000	Clamp, Ø7.5 x 8 x 0.8	2
95	30431-YBW0210-0001	Rubber Sleeve, Ø10 x Ø11 x 180	1
96	90685-Z030410-0000	Clamp, Ø10.7 x 8 x 0.8	2
97	90804-Y5Z0210-0001	Limit clamp	1
98	90001-0620-01A0	Hexagon Flange Bolt, M6 x 20, White Zinc	1
99	35720-YJR0110-0000	CO Module	1
100	90103-0516-51	Screw, M5 x 16, White Zinc	2
101	30009-YDZ0110-0000	Grounding Wire	1
102	90408-0400-E1A0	Flat Washer, White Zinc	1
103	90683-Z870310-00A0	Bushing, Ø6.5 x Ø12 x 5	1

ENGINE PARTS DIAGRAM



ENGINE PARTS LIST

#	Part Number	Description	Qty.
1	90001-0620-01A0	Hexagon Flange Bolt, M6 x 20, White Zinc	4
2	12410-Z1D0111-00A0	Cylinder Head Cover Assembly, White Zinc	1
3	12004-Z1D0110-00A0	Cylinder Head Cover Gasket	1
4	11332-Z1D0110-00A0	Gasket, Breather Groove Cover	1
5	11320-Z1D0110-00A0	Breather Assembly	1
6	12003-Z010110-00A0	Cylinder Head Bolt, M8 x 60, White Zinc	4
7	96003-ZSS2010-0000	Cylinder Head Assembly - See Figure C	1
8	30010-Z010110-00A0	Spark Plug, F6RTC	1
9	13200-Z140210-00A9	Piston Ring Assembly	1
10	13122-Z010110-00A0	Piston Pin Clip	2
11	13111-Z950120-00A0	Piston	1
12	17004-Z1D0110-00A0	Breather Tube	1
13	90001-0612-01A0	Hexagon Flange Bolt, M6 x 12, White Zinc	9
14	90502-1114-00A0	Pin, Ø11 x 14	2
15	14071-Z950110-00A0	Valve Lifter	2
16	14081-Z040110-00A0	Valve Tappet	2
17	13121-Z010110-00A0	Piston Pin, Ø18 x Ø54	1
18	13010-Z950110-00A0	Connecting Rod	1
19	11310-Z1D0110-00A9	Crankcase Assembly	1
20	90001-0616-01A0	Hexagon Flange Bolt, M6 x 16, White Zinc	7
21	28118-Z1D0110-0000	Wind Block	1
22	90547-6305-00A1	Bearing 6305	1
23	13300-Z1D0110-00A1	Crankshaft Assembly	1
24	90547-0205-00A0	Bearing 6205	1
25	90502-0812-00A0	Pin, Ø8 x 12	2

#	Part Number	Description	Qty.
26	37060-Z1D0112-0000	Engine oil Sensor, W/O Nut	1
27	15010-Z010210-Q200	Oil Dipstick Assembly	1
28	11411-Z1D0110-00A0	Crankcase Cover	1
29	90001-0832-01A0	Hexagon Flange Bolt, M8 x 32, White Zinc	6
30	90682-Z010110-00A0	Oil Seal, Ø25 x Ø41.25 x 6	2
31	11001-Z010120-00A0	Crankcase Gasket	1
32	14200-Z1D0110-00A9	Camshaft Assembly	1
33	90305-0500-31A0	Hexagon Flange Nut, M5, White Zinc	2
34	54066-YE50110-09A0	Wiring Clamp, White Zinc	1
35	30002-Z1D0110-00A0	Wiring Clamp, Magneto	1
36	90001-0520-01A0	Hexagon Flange Bolt, M5 x 20, White Zinc	2
37	11011HZ1D0210-L4A0	Oil Drain Hose Assembly, Ø9.5 x Ø17 x 105	1
38	30130-Z1D0410-0000	Trigger	1
39	90001-0516-01A0	Hexagon Flange Bolt, M5 x 16, White Zinc	2
40	96138-ZSS2310-0000	Recoil Starter Assembly	1
41	90001-Z1D0110-00A0	Hexagon Flange Bolt, M6 x 55 White Zinc	3
42	30110-YHV0110-0000	Rotor Component, Ø152 x 38	1
43	19352-Z1D0110-00A0	Cooling Fan, Engine	1
44	90408-Z010510-00A0	Flat Washer, Ø10 x Ø15.8 x 1.5	1
45	90689-Z430211-00A0	Joint, Oil Drain Hose, White Zinc	1
46	30120-YH30510-00A0	Stator Component, Ø152 x 38	1
47	13501-Z010110-00A0	Flywheel Nut, M14 x 1.5, White Zinc	1
48	19309-Z1D0110-00A0	Right Shield, Crankcase	1
49	28004-YHX0110-Q200	Guide Plate, Starter Rope	1
50	28002-Z1D0210-0000	Starter Pulley	1
51	28110-Z1D0110-H600	Shroud, Engine	1

#	Part Number	Description	Qty.
52	90684-Z030120-0000	Clip, 100 mm	2
53	28200-Z1D0410-H600	Recoil Starter	1
54	90251-0608-03	Bolts & Washer Assembly, M6 x 8	3
55	96003-ZSS2110-0000	Carburetor Assembly - See Figure D	1
56	17400-Z1D0112-0000	Air Cleaner, Auxiliary	1
57	90305-0600-31A0	Hexagon Flange Nut, M6, White Zinc	2
58	12081-Z1D0110-0000	Clamp, Inlet Pipe	2
59	12510-Z1D0110-0001	Inlet Pipe	1
60	17100-Z1D0112-0001	Air Cleaner Assembly	1
61	90001-0625-01A1	Hexagon Flange Bolt, M6 x 25, White Zinc	2
62	16675-Z1D0112-00A0	Upper Shroud, Engine	1
63	90001-0628-01A0	Hexagon Flange Bolt, M6 x 28, White Zinc	2
64	30400-Z1D0510-0001	Ignition Coil	1
65	90305-Z010210-01A0	Hexagon Flange Nut, M10, White Zinc	1
66	28210-YEB0110-L400	Handle, Starter Rope	1
67	90685-Z120110-00A0	Clamp, Ø14	1
68	17151-Z1D0110-0000	Element, Air Cleaner	1

CYLINDER HEAD DIAGRAM

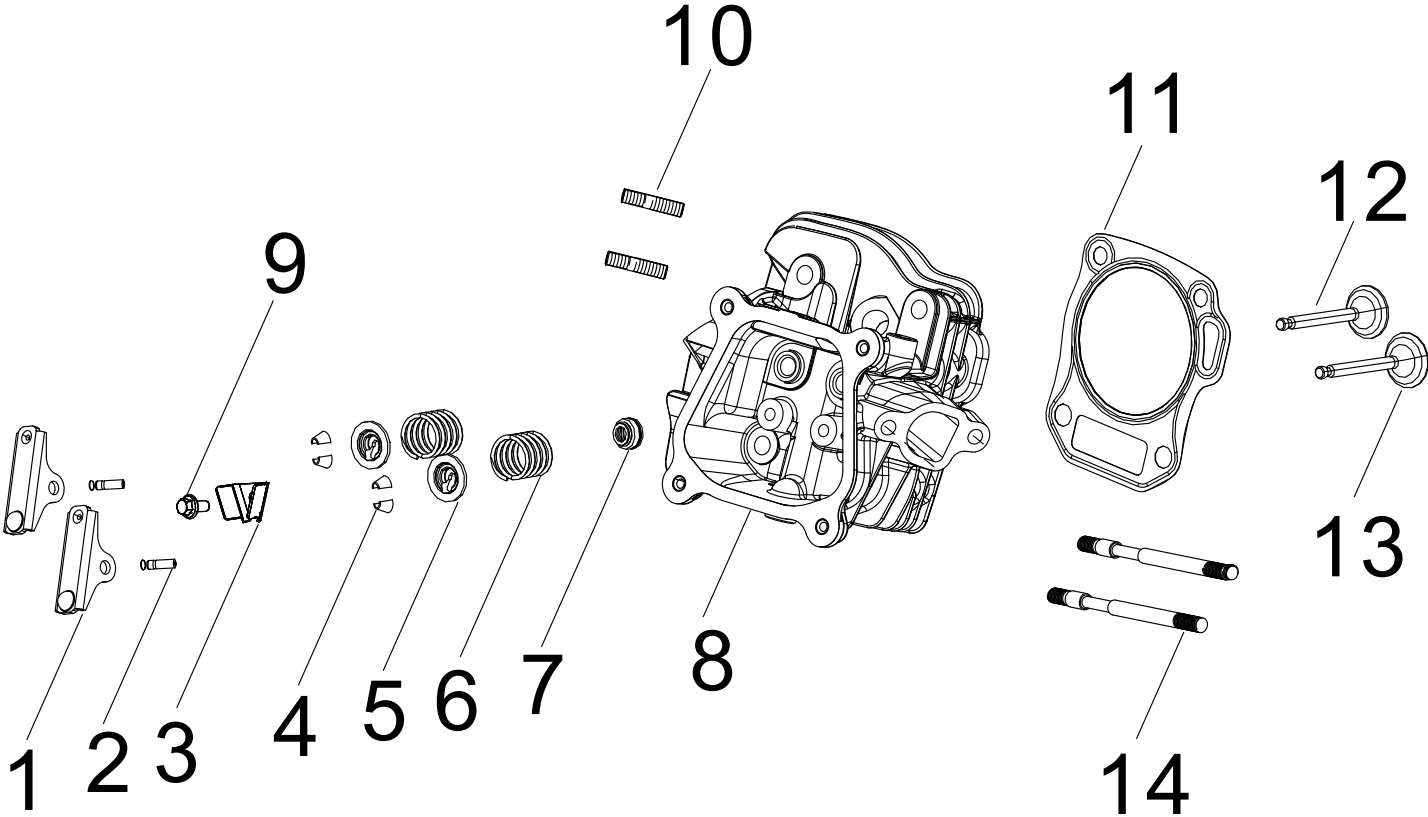
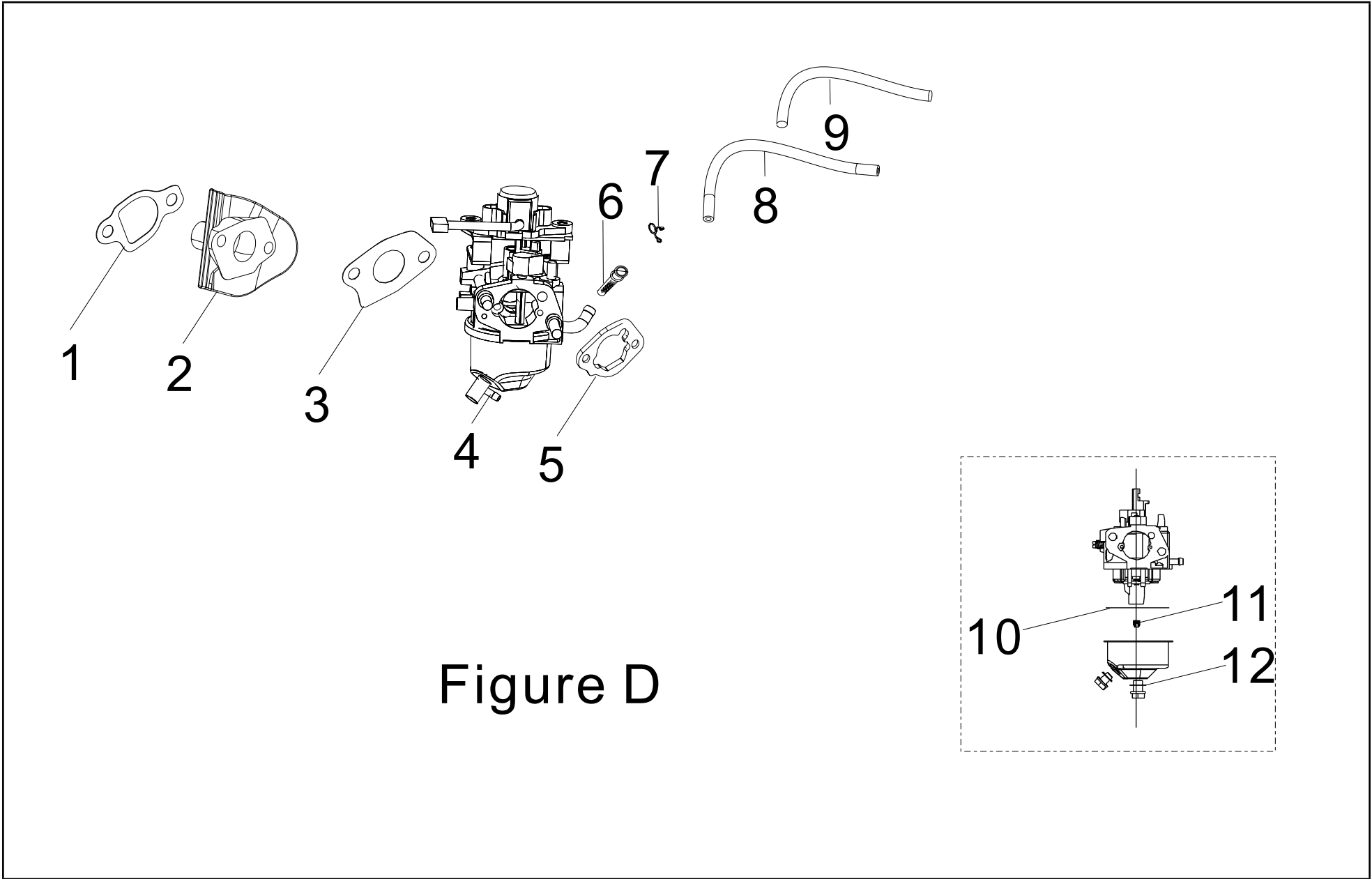


Figure C

CYLINDER HEAD LIST

#	Part Number	Description	Qty.
1	14310-Z950110-00A0	Valve Rocker Subassembly	2
2	14318-Z950110-00A0	Valve Rocker Shaft Subassembly	2
3	12419-Z950311-00A0	Pin Plate, Cylinder Head Cover	1
4	12109-Z810110-00A0	Valve Lock Clamp	4
5	12112-Z810210-00A0	Valve Spring Retainer	2
6	12103-Z010110-00A0	Valve Spring	2
7	12101-Z810210-00A0	Seal Guide	1
8	12140-Z950310-00A0	Cylinder Head Subassembly	1
9	90001-0612-01A0	Hexagon Flange Bolt, M6 x 12, Blue White Zinc	1
10	90203-Z010110-0000	Stud, M8 x 34, Black Zinc	2
11	12131-Z950210-0000	Cylinder Head Gasket	1
12	12121-Z950110-00A0	Exhaust Valve	1
13	12111-Z950110-00A0	Inlet Valve	1
14	90207-Z330210-0000	Stud, M6 x 105, Black Zinc	2

CARBURETOR DIAGRAM



CARBURETOR LIST

#	Part Number	Description	Qty.
1	16002-Z950110-00A0	Carburetor Insulator Gasket	1
2	16003-Z1D0110-00A0	Carburetor Insulator Plate	1
3	16001-Z010110-00A0	Carburetor Gasket	1
4	16100-Z1D0410-00A0	Carburetor Assembly	1
5	17001-Z1D0110-00A0	Air Cleaner Gasket	1
6	16652-Z800110-00A0	Fuel Filter	1
7	90685-D090-0EA0	Clamp, Ø9 x Ø0.8 x 8	1
8	90686-YBW0310-00M0	Fuel Tube, Ø4.5 x Ø8.5 x 260	1
9	30431-YBW0210-0000	Rubber Sleeve	1
10	16112-Z010110-0000	Seal Ring, Float	1
11	16161-Z090510-00A0	Main Jet (H128×0.68)	1
	16161-Z090410-00A0	Main Jet (H128×0.71), Altitude 3000-6000 Feet	/
	16161-Z140310-00A0	Main Jet (H128×0.74), Altitude 6000-8000 Feet	/
12	90681-Z010610-0000	Seal Ring	1

FRAME PART LIST

#	Part Number	Description	Qty.
1	90341-Y2D0210-0000	Nylon Nut, M6, White Zinc	2
2	90408-Y840210-0000	Flat Washer, Ø18 x 6.5 x 1.5, White Zinc	2
3	54122-YBW0110-H700	Left Seat 2, Handle Tube Connecting	1
4	90412-YBW0110-Q200	Flat Washer, Ø12.2 x 27 x 2	2
5	90412-YBW0210-0100	Flat Washer, Ø13 x 25 x 1, White Zinc	6
6	94101-YBW0110-01A0	Position Block, Ø12.2 x 25 x 1, White Zinc	2
7	90419-YBW0110-0300	Washer, Butterfly, Ø12.2 x 25 x 1x 2, Black Zinc	4
8	54113-YBW0120-00A0	Left Seat 1, Handle Tube Connecting	1
9	26231-YBW0110-00A0	Shaft, Fixed Axis, Black Zinc	2
10	90001-0610-03A0	Hexagon Flange Bolt, M6 x 10, Black Zinc	4
11	90007-0616-01A1	Hexagon Flange Bolt, M6 x 16, White Zinc	4
12	54113-YBW0220-00A0	Right Seat 1, Handle Tube Connecting	1
13	54122-YBW0210-H700	Right Seat 2, Handle Tube Connecting	1
14	51100-YJR0311-H7A0	Frame Assembly	1

FUEL TANK DIAGRAM

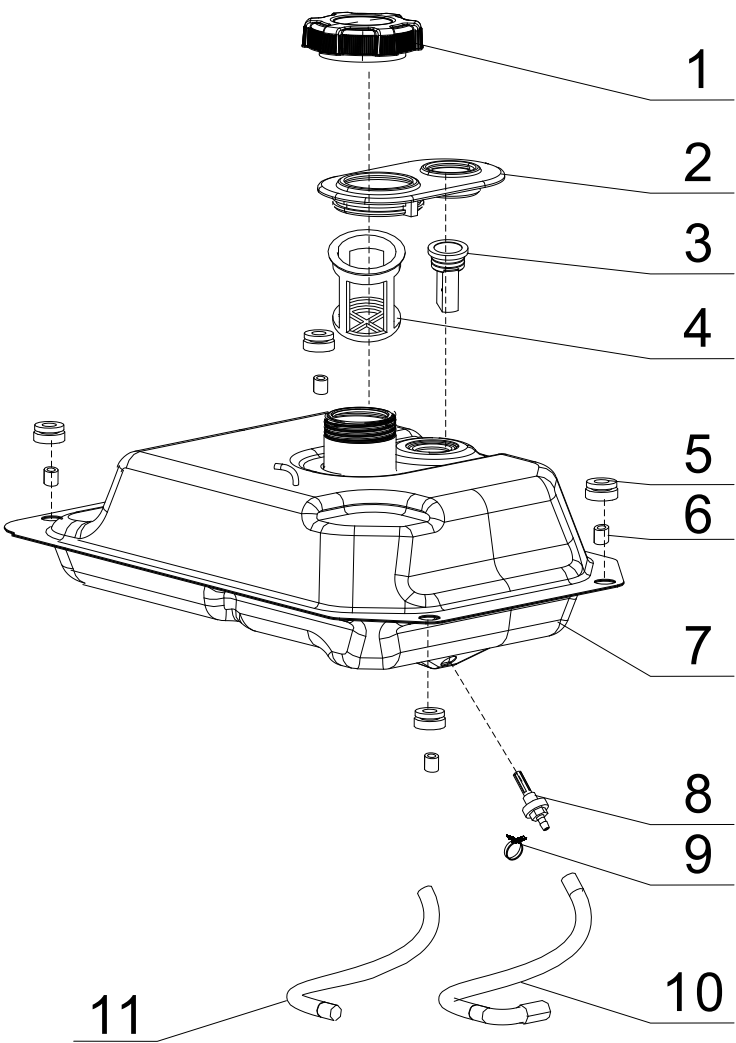


Figure F

FUEL TANK LIST

#	Part Number	Description	Qty.
1	16730-YH30110-Q2A0	Fuel Tank Cap	1
2	16641-YBW0110-0001	Rubber Sleeve, Filling Fuel Hole	1
3	37200-Y5V0110-00A1	Fuel Gauge	1
4	16652-Y9T0110-00A1	Fuel Filter	1
5	16601-Y020120-0001	Vibration Mount 1, Fuel Tank	4
6	90683-Y020110-0000	Bushing, White Zinc	4
7	16620-YBW0111-H7A1	Fuel Tank	1
8	16680-Y2P0110-00A1	Fuel Tank Fuel Outlet Subassembly	1
9	90685-D095-0EA0	Clamp, Ø9.5 x 0.8 x 8, Army Green Zinc	1
10	90686-YBW0210-00M1	Fuel Tube, Ø4.5 x Ø8.5 x 130	1
11	30431-Y020110-0001	Rubber Sleeve, Fuel Tube	1

OUTLET PANEL DIAGRAM

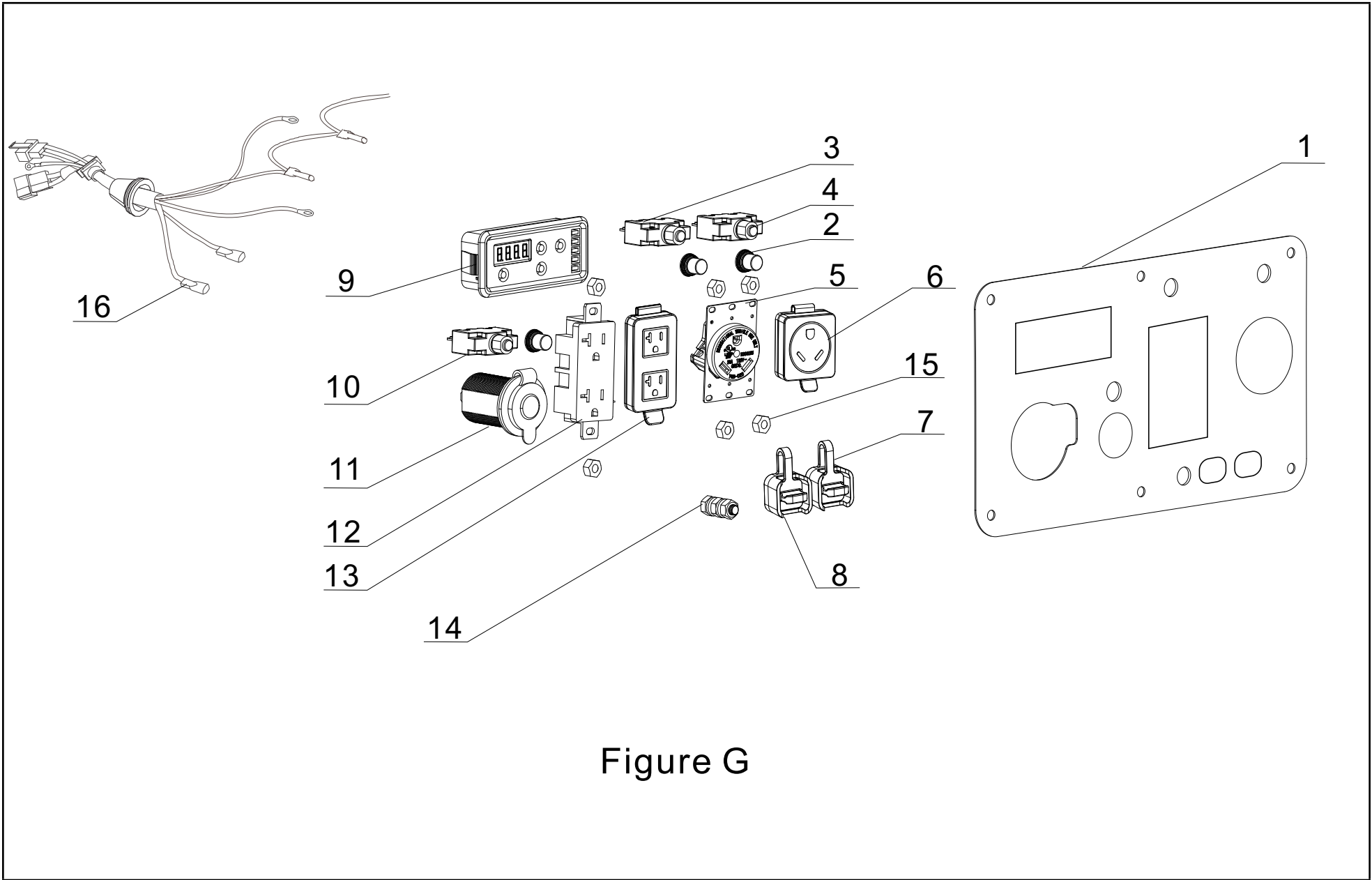


Figure G

OUTLET PANEL LIST

#	Part Number	Description	Qty.
1	35650-YHV0110-H200	Control Panel	1
2	35654-YGK0110-0000	Cover, Push Button	3
3	31234-YBE0210-0000	20Amp Circuit Breaker, Push Button, 125/250V	1
4	31234-YGK0110-0000	30Amp Circuit Breaker, Push Button, 125/250V	1
5	35614-Y2D0110-0000	TT-30R Receptacle, 30A, 125V	1
6	35654-YGK0710-0000	Receptacle Cover, TT-30R	1
7	35614-YH30410-0000	Wireless Parallel, Black	1
8	35614-YH30310-0000	Wireless Parallel, Red	1
9	35632-YJR0110-0000	Intelligauge, INT5CINV	1
10	31234-YBE0110-0000	8Amp Circuit Breaker, Push Button, 125/250V	1
11	35619-Y110110-0000	Automotive Receptacle, 12V DC	1
12	35614-Y730110-0000	5-20R Receptacle, 20A, 125V	1
13	35654-YGK0910-0000	Receptacle Cover, 5-20R	1
14	35629-Y090110-0000	Grounding Terminal	1
15	90305-0400-71A0	Hexagon Flange Nut, M4, White Zinc	6
16	35660-HYHV1010-00A0	Wire Harness, Control Panel	1

WHEEL KIT PART DIAGRAM

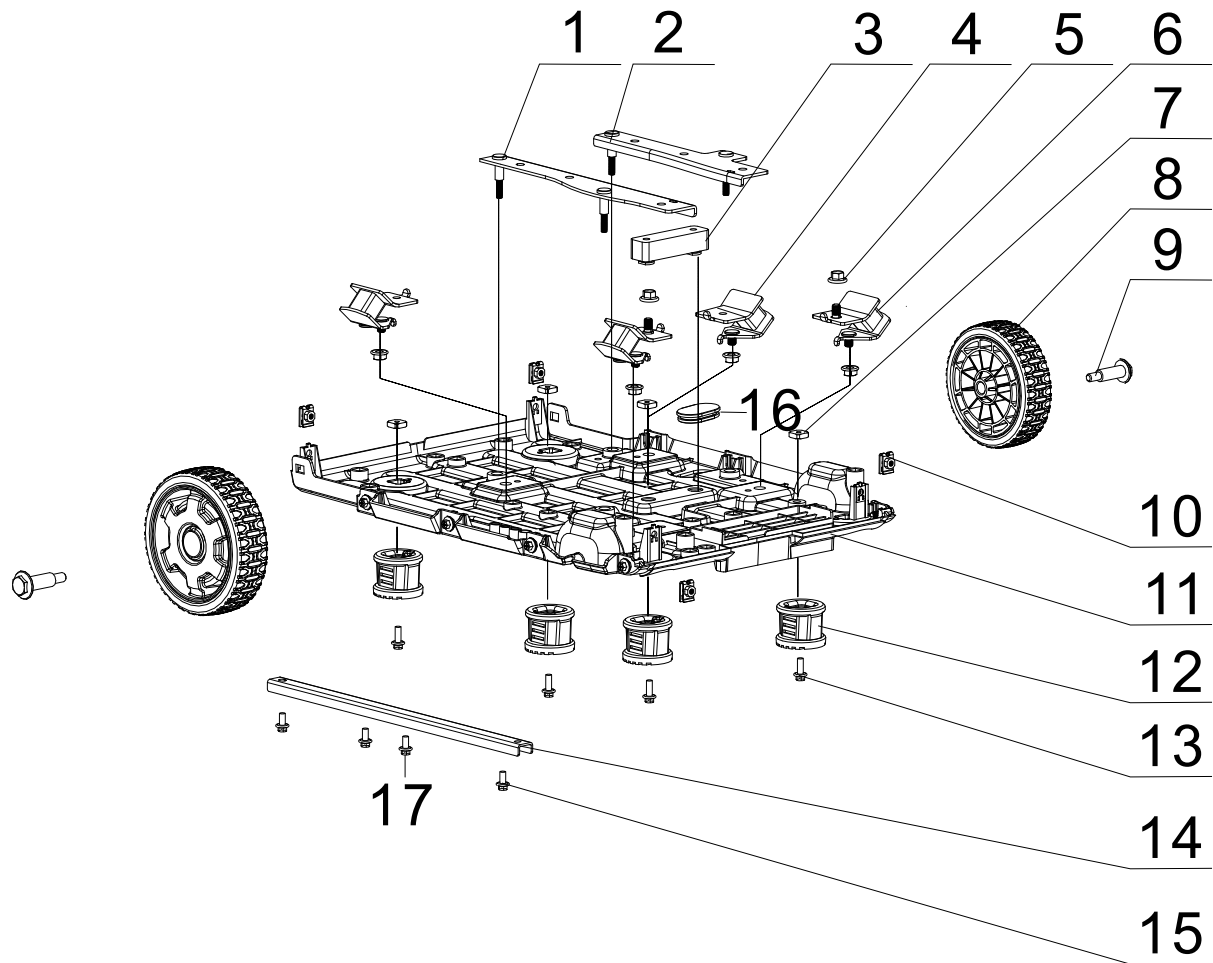


Figure H

WHEEL KIT PART LIST

#	Part Number	Description	Qty.
1	51188HYBW0110-QCA0	Left Support, Engine	1
2	51189HYBW0110-QCA0	Right Support, Engine	1
3	50035-YBW0110-0001	Bracket, Cushion Rubber	1
4	51011HY2P0210-0000	Vibration Mount, Right, Frame	2
5	90305-0800-31A0	Hexagon Flange Nut, M8, White Zinc	6
6	51009HY2P0110-0000	Vibration Mount, Left, Frame	2
7	90326-Y2V0110-0000	Square Nut, M6, White Zinc	4
8	44110HYH30110-L401	5in. Wheel, Yellow	2
9	42002-YH30110-0300	Roll Pin, M8×15, Black Zinc	2
10	17199-YB00110-0000	Clip Nut, M5, White Zinc	4
11	51143HYBW0110-Q201	Plate, Bottom	1
12	51014HYBW0110-0001	Foot, Rubber	4
13	90001-0616-01A1	Hexagon Flange Bolt, M6 x 16, White Zinc	4
14	5110-YBW0110-H701	Reinforcing Plate, Black Zinc	1
	S/N:<RV2203080584		
	51103-YJR0110-H7A0		
	S/N:>RV2203080584		
15	90001-0612-01A1	Hexagon Flange Bolt, M6 x 12, White Zinc	2
16	90722-Y2P0110-0001	Plug, End	1
17	90007-0610-A1A1	Hexagon Flange Bolt, M6 x 10, White Zinc	2
	S/N:>RV2203080584		

WIRING DIAGRAM

