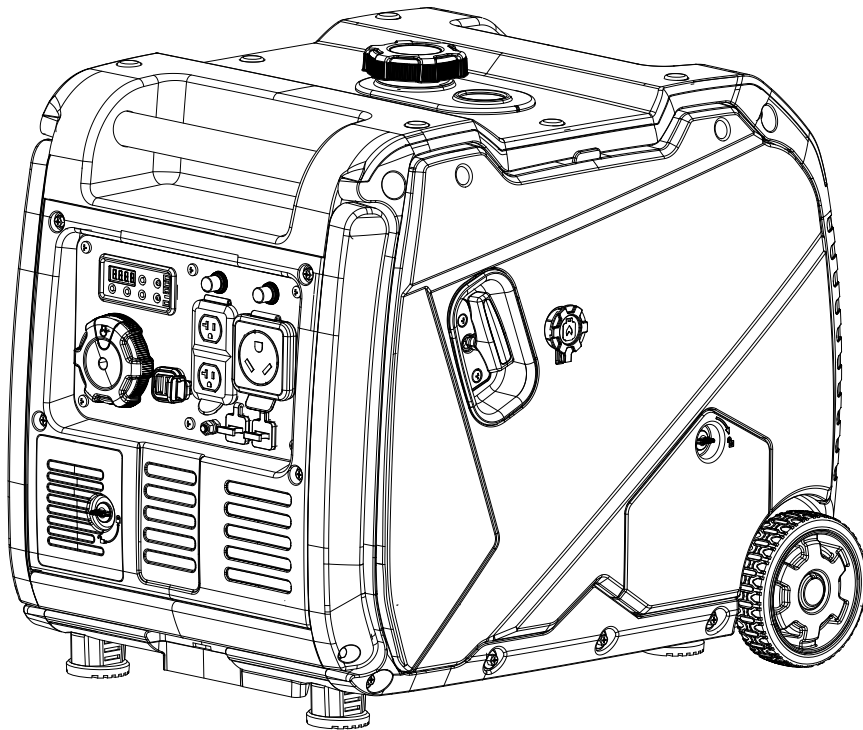


Champion Power Equipment, Inc., Santa Fe Springs, CA USA

**MODEL #200991**



## **PARTS INFORMATION**

**4500W DUAL FUEL INVERTER GENERATOR**

**SERIAL NUMBER RANGE: ALL**



To order replacement parts please visit:  
**[shop.championpowerequipment.com](http://shop.championpowerequipment.com)**  
or call **1-877-338-0999**.

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# INVERTER GENERATOR PARTS DIAGRAM

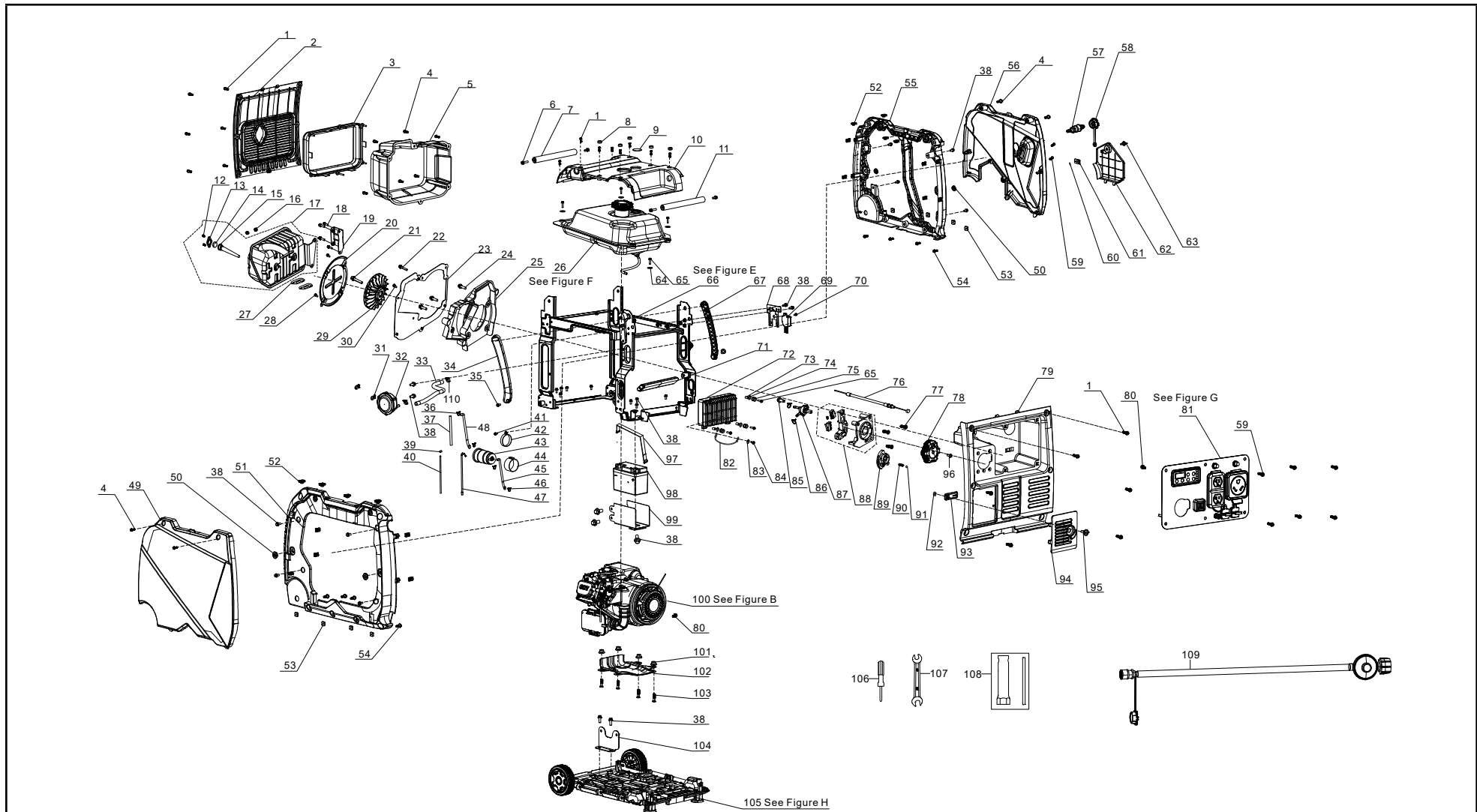


Figure A

## INVERTER GENERATOR PARTS LIST

#	Part Number	Description	Qty.
1	90208-YB00410-0000	Hexagonal 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	Hexagonal Step Bolt, M5 x 12, Black Zinc	10
5	18130HYBW0110-Q201	Muffler Guard	1
6	90001-0830-03	Hexagon Flange Bolt, M8 x 30, Black Zinc	4
7	80153HYBW0210-H801	Handle 2, Ø28 x 273	1
8	90722-YBW0110-0001	Plug 1, End	6
9	37205-Y2V0310-00A1	Fuel Level View, 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	Flange Nut, M8, Blue White Zinc	2
17	18100-YBW0111-00A0	Muffler Assembly	1
18	90007-0612-A1A0	Hexagon Flange Bolt, M6 x 12, Blue White Zinc	2
19	18030HYBW0110-H300	Muffler Bracket	1
20	18020-YBW0110-0000	Plate, Muffler Insulator	1
21	90001-0820-01A0	Hexagon Flange Bolt, M8 x 20, Blue White Zinc	1
22	90007-0635-A1A0	Hexagon Flange Bolt, M6 x 35, Blue White Zinc	1
23	18299HYBW0121-0000	Bracket, Muffler Guard	1
24	90001-0816-01A0	Hexagon Flange Bolt, M8 x 16, Blue White Zinc	5
25	28110HYBW0111-Q200	Shroud	1
26	200991 - YXZJ - F	Fuel Tank Assembly - See Figure F	1
27	18001-Z950110-00A0	Exhaust Outlet Gasket	2

#	Part Number	Description	Qty.
28	90134-YB00110-0000	Bolt, Cross Hexagon Pan Head, M5 x 12, Black Zinc	2
29	19352HYBW0110-Q2A0	Engine Fan	1
30	90124-Y9T0310-00A0	Tapping Screw, PT4x13	1
31	90748-0812-00A0	Clamp, Ø8 x 12	2
32	77100-Z3R0310-0000	Regulator, Auxiliary	1
33	90729-YJR0110-0000	Pipe, Ø3/8 x 8	1
34	54912HYBW0110-Q201	Left, Rotating Arm	1
35	90001-0612-03	Hexagon Flange Bolt, M6 x 12, Black Zinc	2
36	90685-Z030220-0000	Clamp, Ø7.5 x 8 x 0.8	2
37	30431-YBW0210-0001	Rubber Sleeve, Ø10 x Ø11 x 180	1
38	90001-0612-01A0	Flange Bolt, M6 x 12, Blue White Zinc	26
39	90683-Z870310-00A0	Bushing, Ø6.5 x 12 x 5	1
40	30431-Y020110-0001	Rubber Sleeve, Fuel Pipe	1
41	90001-0620-01A0	Hexagon Flange Bolt, M6 x 20, Blue White Zinc	1
42	16806-YBW0110-QCA0	Mounting Plate, Carbon Canister	1
43	16801-YDR0110-00A0	Carbon Canister, Ø71 x 150, 240cc	1
44	30431-YBW0110-0001	Rubber Sleeve, Carbon Canister	1
45	16805-YDR0110-0001	Connection Pipe, Air Cleaner	1
46	90685-Z030410-0000	Clamp, Ø10.7 x 8 x 0.8	2
47	16804-YBW0210-0001	Connection Pipe, Ø4.5 x Ø8.5 x 335	1
48	16804-YBW0110-0001	Connection Pipe, Ø4.5 x Ø8.5 x 265	1
49	80092HYJR0110-Q200	Cover Board, Left	1
50	16601-Y2V0210-0001	Vibration Mount 2, Fuel Tank	4
51	80091HYBW0110-Q201	Shell, Left	1
52	17199-YB00110-00A0	Clip Nut, M5, White Zinc	16
53	90326-Y2V0110-00A0	Square Nut, M6, White Zinc	8
54	90208-YB00110-0000	Hexagonal Step Bolt, M6 x 20, Black Zinc	8
55	80095HYBW0110-Q201	Shell, Right	1

#	Part Number	Description	Qty.
56	80096HYJR0110-Q200	Cover Board, Right	1
57	16021-YJR0210-0000	Inlet Connection	1
58	90722-YJR0110-0000	Plug, Gas	1
59	90255-0512-53	Cross Recess Pan Head Screw & Washer Assembly, Black Zinc	8
60	37073-Y2V0110-00A0	Clip, Spring	1
61	24329-Y9T0120-Q201	Block 1	1
62	51197HYH30110-Q201	Side Access Panel, Service	1
63	80105-YB00110-Q201	Knob, Side Access Panel, Service	1
64	90408-Y020310-00A0	Flat Washer, White Zinc	4
65	90001-0625-01A0	Hexagon Flange Bolt, M6 x 25, White Zinc	7
66	200991 - JJZJ - E	Frame - See Figure E	1
67	54912HYBW0210-Q201	Right, Rotating Arm	1
68	51124-YJR0110-0000	Mounting Bracket	1
69	30007-Y9X0210-0000	Charging Module	1
70	90001-0616-03	Hexagon Flange Bolt, M6 x 16, Black Zinc	1
71	54913-YBW0110-0P00	Rotating Bar	1
72	30043-YH30110-0000	Inverter	1
73	90683-Y2P0210-00A0	Bushing, Ø11 x 7 x 16	3
74	90406-0600-E1A0	Flat Washer, Ø6.4 x Ø18 x 1.6, White Zinc	3
75	30431-Y2P0110-0001	Rubber Sleeve	3
76	16080-YBW0110-0000	Choke Handle Subassembly	1
77	90129-0416-01A0	Cross Recess Countersunk Head Tapping Screw, -ST4.2*16, White Zinc	3
78	35643HYH30210-Q2A1	Knob, Switch Dial, Engine	1
79	35680HYBW0110-Q201	Seat, Panel	1
80	90001-0610-01A0	Hexagon Flange Bolt, M6 x 10, White Zinc	2
81	35610-YJR0210-H200	Panel Assembly - See Figure G	1
82	30009-YH30110-0000	Grounding Wire	1
83	90408-0500-E1A0	Flat Washer, Ø5, Blue White Zinc	1
84	90005-0408-00	Hexagon Screw, M4 x 8, White Zinc	1
85	90001-0614-01A0	Hexagon Flange Bolt, M6 x 14, Blue White Zinc	1

#	Part Number	Description	Qty.
86	90685-Z030610-0400	Clamp, Ø8 x 7 x 0.6	2
87	16750-Y2V0141-00A0	Fuel Valve Assembly	1
88	35160-YH30110-0000	Switch Assembly, Engine	1
89	94111-Y2V0410-00A1	Cover Board, 45×14	1
90	16527-Y2V0210-0000	Spring, Stopper Adjusting	1
91	90543-0500-00A0	Ball, Steel	1
92	90341-YA50110-0000	Nylon Nut, M5, Black,Zinc	1
93	24329-YCF0110-Q201	Block 2	1
94	31123HYBW0110-Q201	Cover, Battery	1
95	90208-Y9T0120-0000	Hexagonal Step Bolt, M5 x 16, 6mm	1
96	90103-0416-51A0	Cross Recess Pan Head Tapping Screw, M4 x 16, White Zinc	1
97	31115-YBW0110-0001	Band, Battery, 177×24.5×3.8	1
98	31110-Y030610-00A0	Battery	1
99	31130-YBW0210-QCA0	Battery Holder	1
100	R30AIEPNPFB-CMP314	Engine Assembly - See Figure B	1
101	90305-0800-31A0	Hexagon Flange Nut, M8, White Zinc	4
102	19306-Z1D0110-0000	Crankcase Air Deflector	1
103	90001-0840-01A0	Hexagon Flange Bolt, M8 x 40, White Zinc	4
104	17003HYBW0110-H701	Air Cleaner Support	1
105	200991 - LTZJ - H	Wheel kit, See Figure H	1
106	93120-Y020310-0002	Screwdriver	1
107	93107-Y920210-0100	Wrench, 8 x 10	1
108	93130-Z010410-0100	Spark Plug Socket	1
109	77300HYJR0111-0000	LPG Hose with Regulator	1
110	90748-1016-00A0	Clamp, Ø10 x 16	2

# ENGINE PARTS DIAGRAM

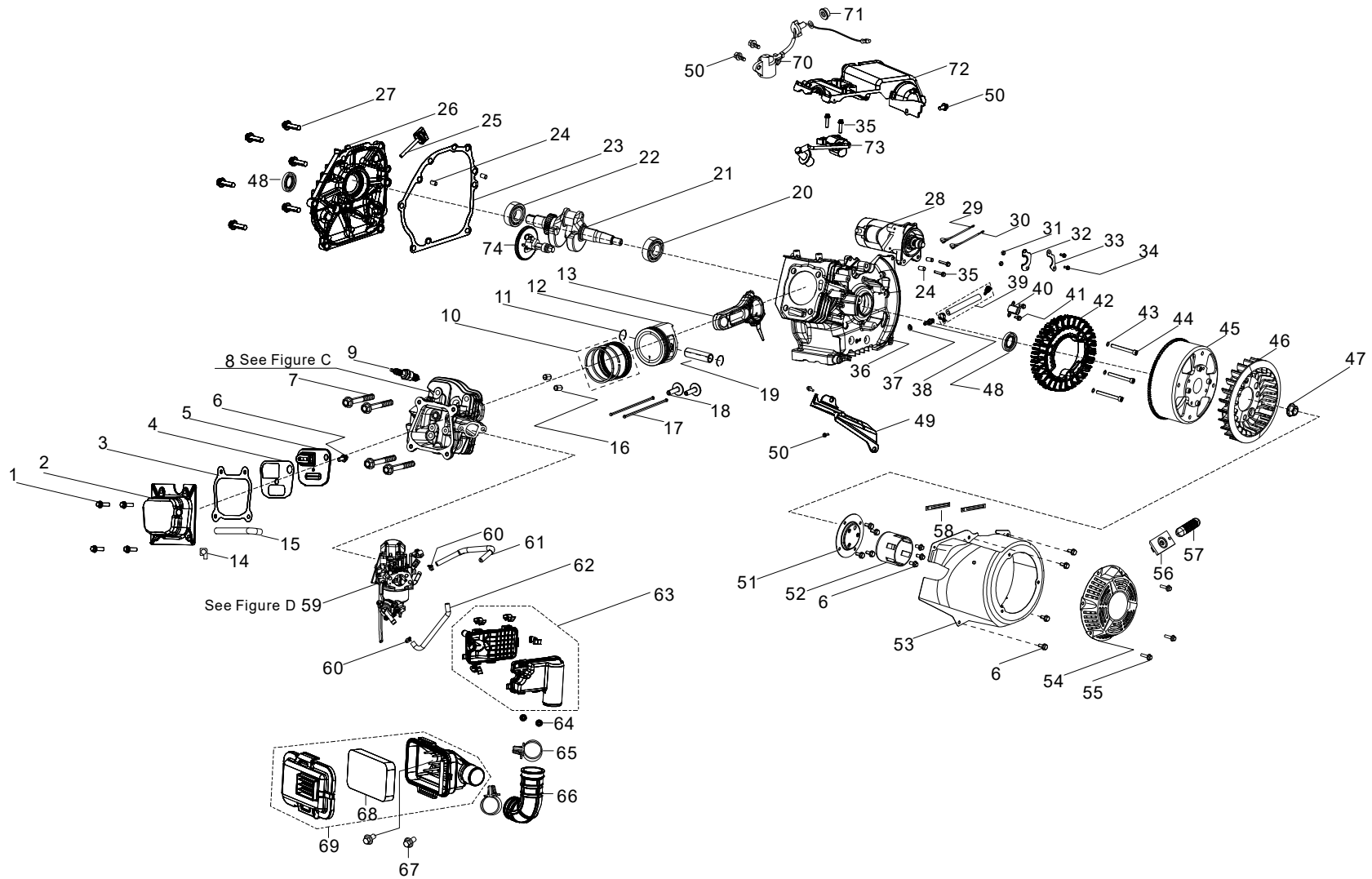


Figure B

**ENGINE PARTS LIST**

#	Part Number	Description	Qty.
1	90001-0620-01A0	Hexagon Flange Bolt, M6 x 20, Blue White Zinc	4
2	12410-Z1D0110-00A0	Cylinder Head Cover Subassembly, Blue White Zinc	1
3	12004-Z1D0110-0000	Cylinder Head Cover Gasket	1
4	11332-Z1D0110-0000	Gasket, Breather Groove Cover	1
5	11320-Z1D0110-0000	Assembly, Breather	1
6	90001-0612-01A0	Hexagon Flange Bolt, M6 x 12, Blue White Zinc	12
7	12003-Z010110-00A0	Cylinder Head Bolt, M8 x 60, Black Zinc	4
8	200991-QGT-C	Cylinder Head - See Figure C	1
9	30010-Z010110-00A0	Spark Plug, F6RTC	1
10	13200-Z140210-00A9	Piston Ring Assembly	1
11	13122-Z010110-0000	Piston Pin Clip	2
12	13111-Z950110-00A9	Piston	1
13	13010-Z950110-00A0	Connecting Rod	1
14	90804-Y5Z0210-0001	Stop Block	1
15	17004-Z1D0110-0000	Tube, Breather	1
16	90502-1114-00A0	Pin, Ø11 x 14	2
17	14071-Z950110-0000	Valve Lifter	2
18	14081-Z040110-00A0	Valve Tappet	2
19	13121-Z010110-0000	Piston Pin, Ø18 x Ø54	1
20	90547-6305-00A1	Bearing	1
21	13300-Z1D0110-0000	Crankshaft Assembly	1
22	90547-0205-00A0	Bearing	1
23	11001-Z010120-0000	Crankcase Gasket	1
24	90502-0812-00A0	Pin, Ø8 x 12	4
25	15010-Z010130-Q200	Oil Dipstick Subassembly	1
26	11411-Z1D0110-00A0	Crankcase Cover	1
27	90001-0832-01A0	Flange Bolt, M8 x 32, Blue White Zinc	6

#	Part Number	Description	Qty.
28	30300-Z1D0210-0000	Starting Motor Assembly	1
29	31112HYH30110-0000	Positive Wire	1
30	31114HYH30110-0000	Negative Wire	1
31	90305-0500-31A0	Hexagon Flange Nut, M6, Blue White Zinc	2
32	54066-YE50110-0900	Wiring Clamp, White Zinc	1
33	30002-Z1D0110-0000	Magneto Wiring Clamp	1
34	90001-0520-01A0	Hexagon Flange Bolt, M5 x 20, Blue White Zinc	2
35	90001-0628-01A0	Hexagon Flange Bolt, M6 x 28, Blue White Zinc	4
36	11310-Z1D0110-00A9	Crankcase Subassembly	1
37	90408-Z010510-00A0	Flat Washer, Ø10 x Ø15.8 x 1.5	1
38	90689-Z430211-0000	Joint, Fuel Pipe, White Zinc	1
39	11011HZ1D0210-L400	Oil Drain Hose, Ø9.5 x Ø17 x 105	1
40	30130-Z1D0310-0000	Trigger	1
41	90001-0516-01A0	Hexagon Flange Bolt, M5 x 16, Blue White Zinc	2
42	30120-YH30110-0000	Stator Component, Ø152 x 38	1
43	90408-0600-E1A0	Washer, Ø6, Blue White Zinc	3
44	90102-0660-06A0	Hexagon Socket Cap Screw, M6 x 60	3
45	30110-YH30110-0000	Rotor Component	1
46	19352-Z1D0110-00A0	Engine Fan	1
47	13501-Z010110-00A0	Flywheel Nut, M14 x 1.5, Blue White Zinc	1
48	90682-Z010110-0000	Oil Seal, Ø25 x Ø41.25 x 6	2
49	19309-Z1D0110-0000	Right Shield, Crankcase	1
50	90001-0616-01A0	Flange Bolt, M6 x 16, Blue White Zinc	5
51	28020-Z150120-0000	Starter Pulley Base	1
52	28002-Z1D0110-0000	Starter Pulley	1
53	28110-Z1D0110-H600	Shroud	1
54	28200-Z1D0410-H600	Recoil Starter Assembly	1

#	Part Number	Description	Qty.
55	90251-0608-03	Bolts & Washer Assembly	3
56	28004-YHX0110-Q200	Guide Plate, Starter Rope	1
57	28210-YEB0110-L400	Handle, Starter Rope	1
58	90684-Z030120-0000	Clip, 100 mm	2
59	200991-HYQ-D	Carburetor - See Figure D	1
60	90748-0812-00A0	Clamp 1	2
61	90729-YEY0310-0000	Pipe, Ø6.3 x Ø13 x 260	1
62	90729-YEY0410-0000	Pipe, Ø6.3 x Ø13 x 210	1
63	17400-Z1D0112-00A0	Air Cleaner, Auxiliary	1
64	90305-0600-31A0	Flange Nut, M6, Blue White Zinc	2
65	12081-Z1D0110-0000	Clamp 2	2
66	12510-Z1D0110-0001	Intake Pipe	1
67	90001-0625-01	Hexagon Flange Bolt, M6 x 25, Blue White Zinc	2
68	17151-Z1D0110-0000	Element, Air Cleaner	1
69	17100-Z1D0111-0001	Air Cleaner	1
70	37060-Z1D0112-0000	Engine oil Sensor, W/O Nut	1
71	90305-Z010210-01A0	Hexagon Flange Nut, M6, Blue White Zinc	1
72	16675-Z1D0112-0000	Shield	1
73	30400-Z1D0311-0000	Ignition Coil	1
74	14200-Z1D0110-00A9	Camshaft Assembly	1

## CYLINDER HEAD DIAGRAM

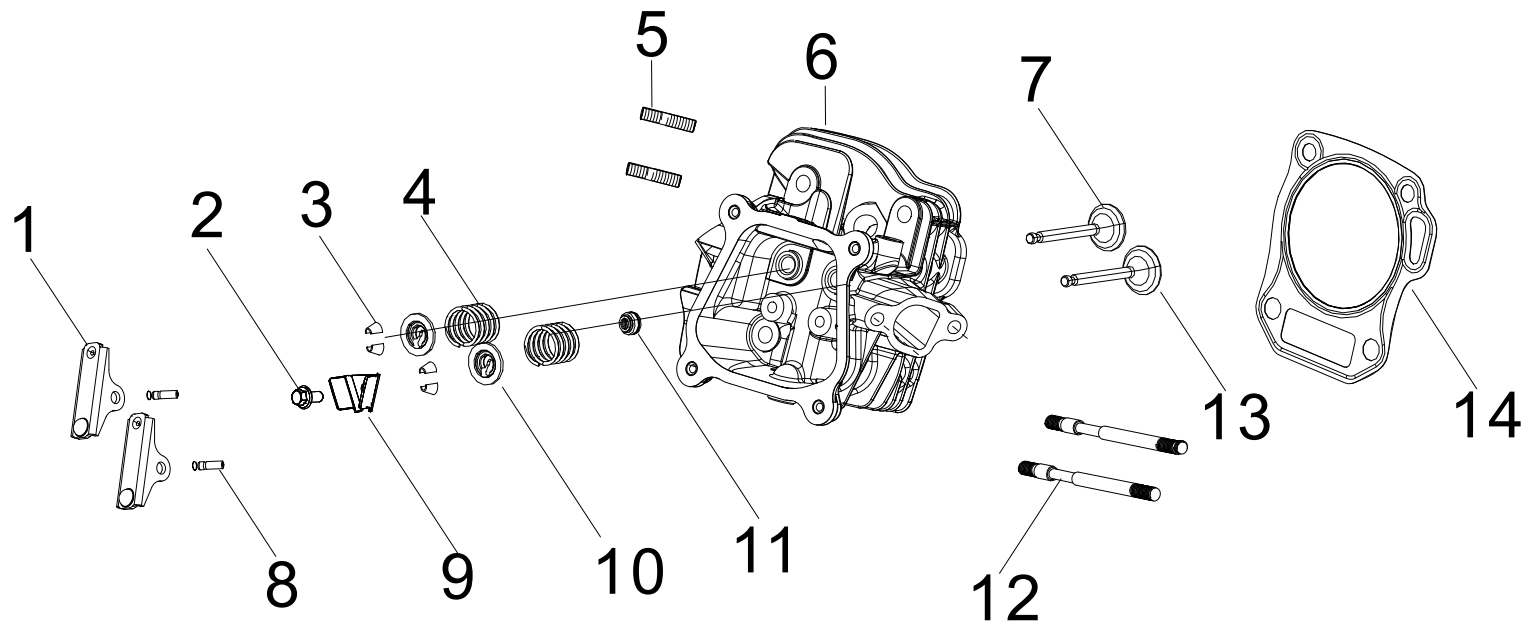


Figure C

**CYLINDER HEAD PART LIST**

#	Part Number	Description	Qty.
1	14310-Z950110-0000	Valve Rocker Subassembly	2
2	90001-0612-01A0	Hexagon Flange Bolt, M6 x 12, Blue White Zinc	1
3	12109-Z810110-0000	Valve Lock Clamp	4
4	12103-Z010110-00A0	Valve Spring, Ø20 x 1.8 x 30.5	2
5	90203-Z010110-0000	Stud, M8 x 34, Black Zinc	2
6	12140-Z950310-00A0	Cylinder Head Subassembly	1
7	12121-Z950110-0000	Exhaust Valve	1
8	14318-Z950110-0000	Valve Rocker Shaft Subassembly	2
9	12419-Z950310-00A0	Pin Plate, Cylinder Head Cover	1
10	12112-Z810210-00A0	Valve Spring Retainer	2
11	12101-Z810210-0000	Seal Guide	1
12	90207-Z330210-0000	Stud, M6 x 105, Black Zinc	2
13	12111-Z950110-0000	Inlet Valve	1
14	12131-Z950210-0000	Cylinder Head Gasket	1

# CARBURETOR DIAGRAM

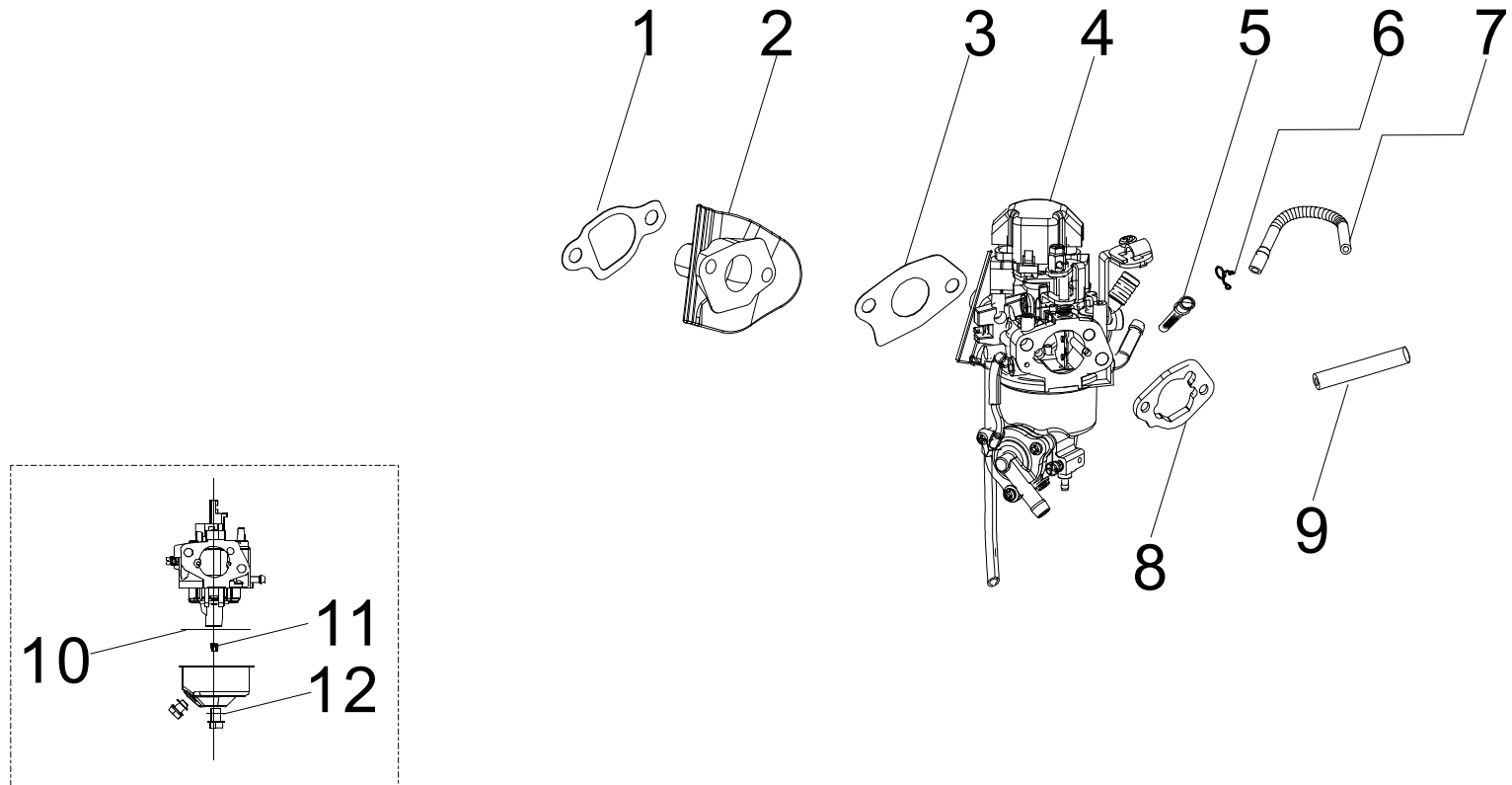


Figure D

**CARBURETOR PART LIST**

#	Part Number	Description	Qty.
1	16002-Z950110-0000	Carburetor Insulator Gasket	1
2	16003-Z1D0110-0000	Carburetor Insulator Plate	1
3	16001-Z010110-0000	Carburetor Gasket	1
4	16100-Z3R0310-00A0	Carburetor Assembly	1
5	16652-Z800110-00A0	Fuel Filter	1
6	90685-Z080210-0000	Clamp, Ø9 x Ø0.8 x 8, Army Green Zinc	1
7	90686-YBW0310-00M0	Fuel Pipe, Ø4.5 x Ø8.5 x 260	1
8	17001-Z1D0110-0000	Air Cleaner Gasket	1
9	30431-YBW0210-0000	Rubber Sleeve	1
10	16112-Z010110-0000	Seal Ring, Float	1
11	16161-Z152410-00A0	Main Jet (83#), Standard	1
	16161-Z152210-00A0	Main Jet (81#), Altitude 3000-6000 Feet	-
	16161-Z152010-00A0	Main Jet (79#), Altitude 6000-8000 Feet	-
12	90681-Z010610-0000	Seal Ring	1

# FRAME ASSEMBLY DIAGRAM

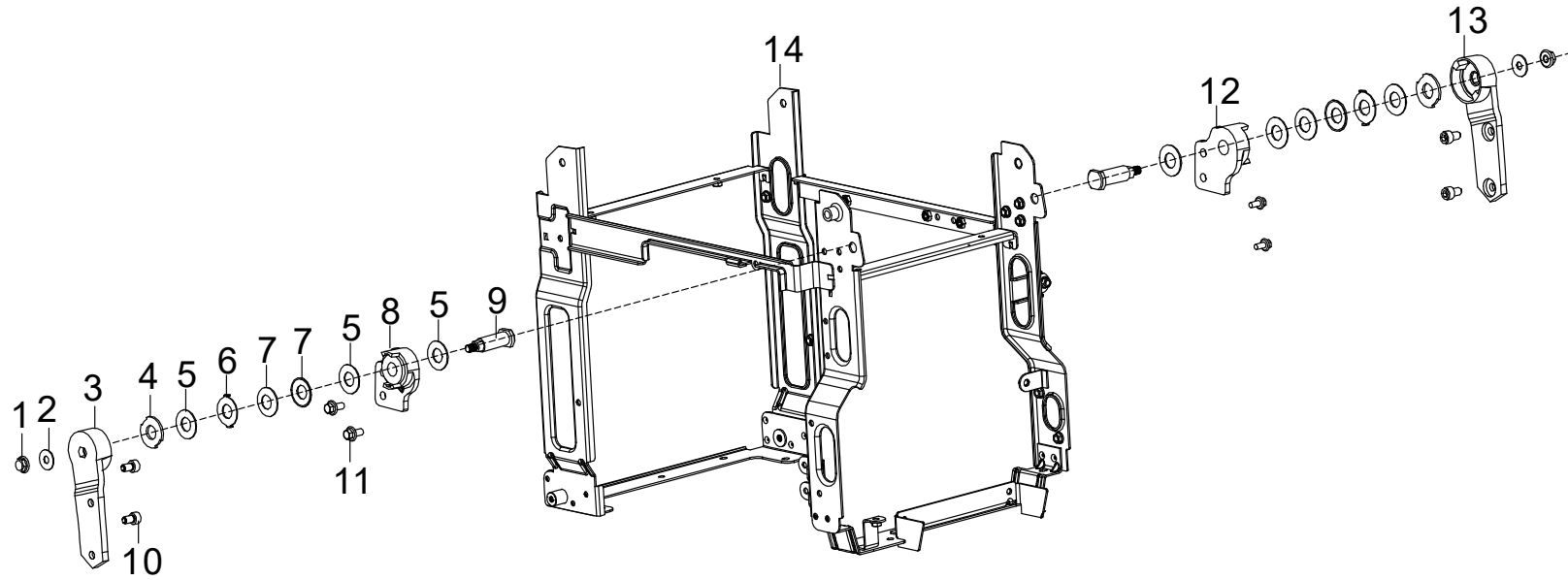


Figure E

**FRAME ASSEMBLY PART LIST**

#	Part Number	Description	Qty.
1	90341-Y2D0210-00A0	Nylon Nut, M6, Blue White Zinc	2
2	90408-Y840210-00A0	Flat Washer, Ø18 x 6.5 x 1.5, White Zinc	2
3	54122-YBW0110-H700	Left Seat 2, Handle Tube Connector	1
4	90412-YBW0110-Q200	Flat Washer, Ø12.2 x 27 x 2	2
5	90412-YBW0210-01A0	Flat Washer, Ø13 x 25 x 1, White Zinc	6
6	94101-YBW0110-01A0	Position Block, Ø12.2 x 25 x 1, Blue 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 Connector	1
9	26231-YBW0110-00A0	Shaft, Fixed Axis, Black Zinc	2
10	90001-0610-03	Hexagon Flange Bolt, M6 x 10, Black Zinc	4
11	90001-0616-01A0	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-YJR0210-H7A0	Frame Assembly	1

## FUEL TANK DIAGRAM

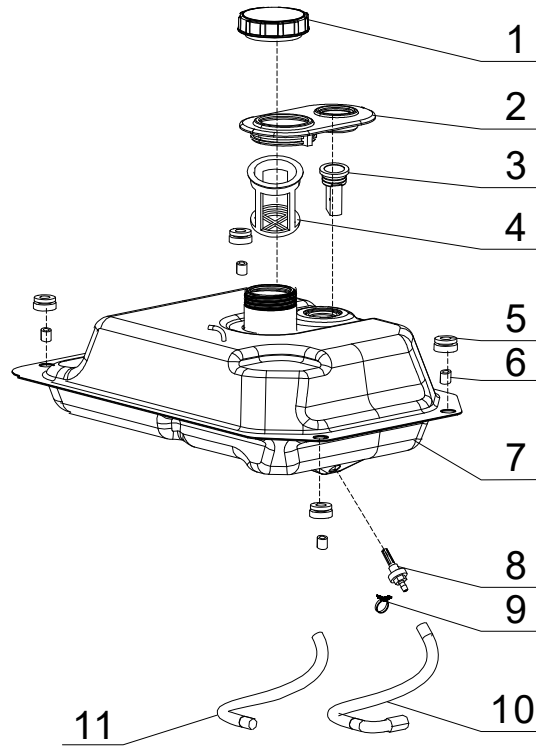


Figure F

**FUEL TANK PART LIST**

#	Part Number	Description	Qty.
1	16730-YH30110-Q2A0	Fuel Tank Cap	1
2	16641-YBW0110-0001	Rubber Sleeve, Fuel Fill Hole	1
3	37200-Y5V0110-00A1	Fuel Gauge	1
4	16652-Y9T0110-00A1	Fuel Filter, Ø38.5 x 70	1
5	16601-Y020120-0001	Vibration Mount 1, Ø12.5 x 16, Fuel Tank	4
6	90683-Y020110-0000	Bushing, Ø8.6 x Ø12 x 12.2, Blue White Zinc	4
7	16620-YBW0110-H7A1	Fuel Tank	1
8	16680-Y2P0110-00A1	Fuel Tank Fuel Outlet Subassembly	1
9	90685-Z020110-0000	Clamp, Ø9.5 x 0.8 x 8, Army Green Zinc	1
10	90686-YBW0210-00M1	Fuel Pipe, Ø4.5 x Ø8.5 x 130	1
11	30431-Y020110-0001	Rubber Sleeve, Fuel Pipe	1

## OUTLET PANEL DIAGRAM

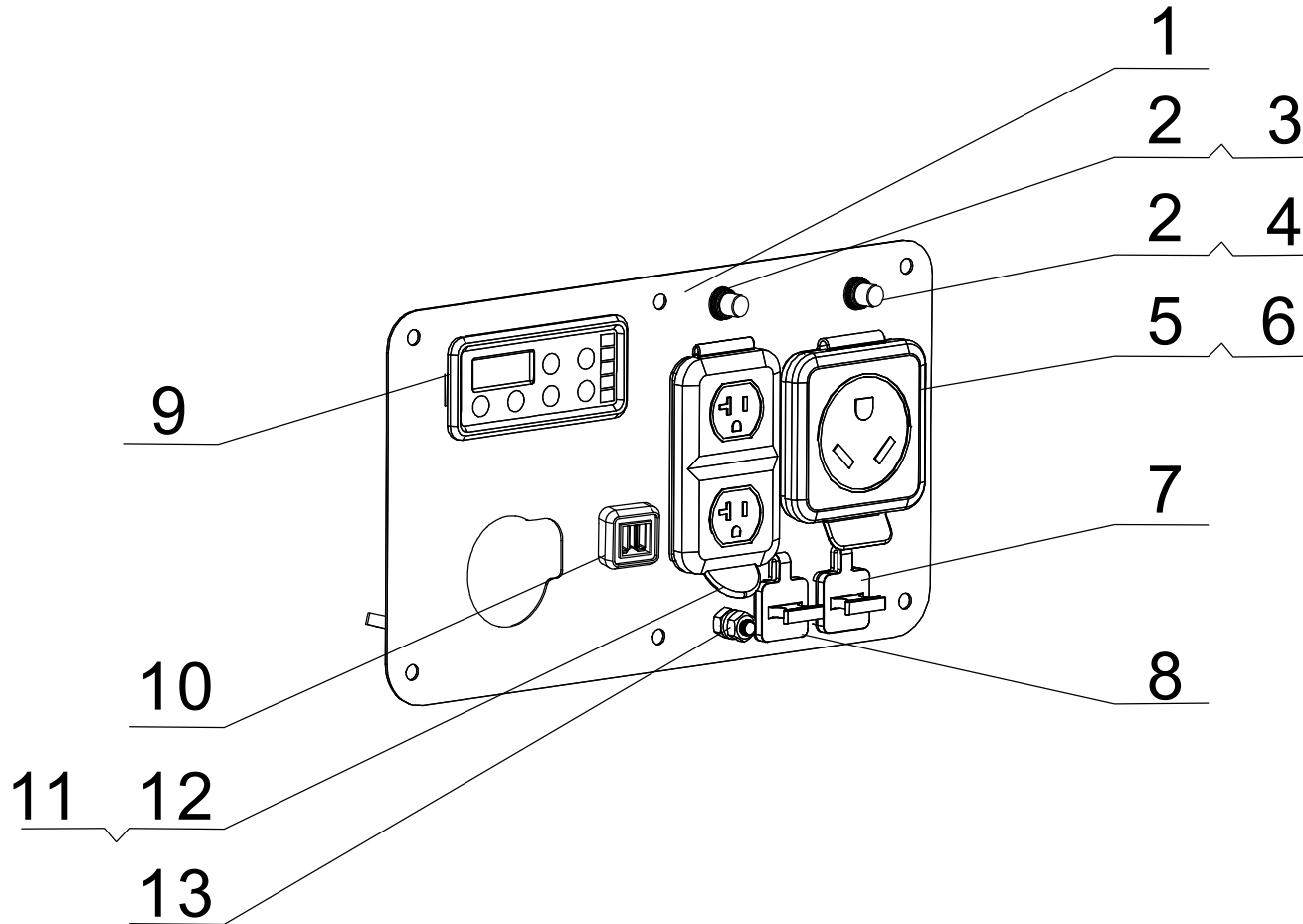


Figure G

**OUTLET PANEL PART LIST**

#	Part Number	Description	Qty.
1	35650-YJR0210-H200	Control Panel	1
2	35654-YGK0110-0000	Cover, Push Button	2
3	31234-YBE0210-0000	Circuit Breaker, Push Button, 20A, 125V/250V	1
4	31234-YGK0110-0000	Circuit Breaker, Push Button, 30A	1
5	35654-YGK0310-0000	Receptacle Cover, TT-30R	1
6	35614-Y2D0110-0000	TT-30R Receptacle, 30A, 125V	1
7	35614-YH30210-0000	Wireless Parallel, Black	1
8	35614-YH30110-0000	"Wireless Parallel, Red"	1
9	35632-YHV0110-0000	Multi-functional Display	1
10	35619-YH30110-0000	Automotive Receptacle, 12V DC	1
11	35654-YBE0110-0000	Receptacle Cover, 5-20R	1
12	35614-Y730110-0000	5-20R Receptacle, 20A, 125V	1
13	35629-Y090110-0000	Grounding Terminal	1

## WHEEL KIT DIAGRAM

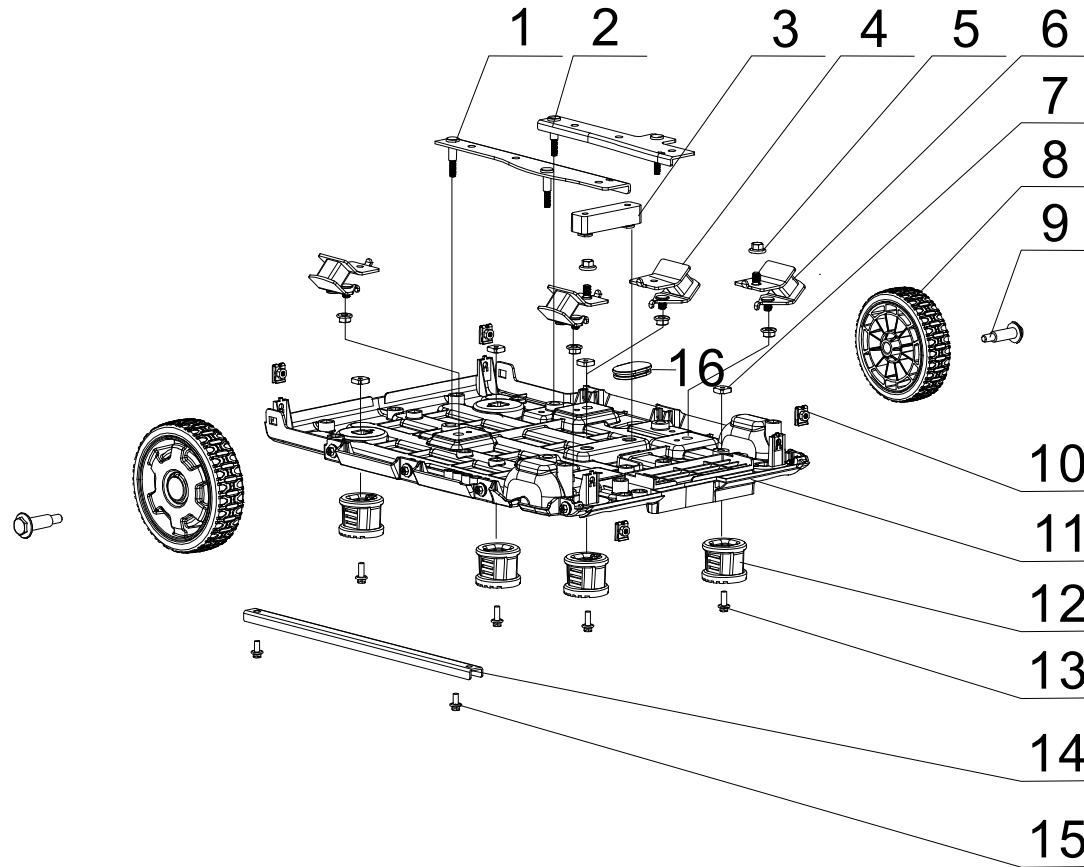


Figure H

**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	90305-0800-31	Hexagon Flange Nut, M8, White Zinc	6
6	51009HY2P0110-0000	Vibration Mount, Left, Frame	2
7	90326-Y2V0110-0000	Square Nut, M6, White Zinc	6
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	90001-0616-01A0	Hexagon Flange Bolt, M6 x 16, White Zinc	4
14	51103-YBW0110-H701	Reinforcing Plate, Black Zinc	1
15	90001-0612-01	Hexagon Flange Bolt, M6 x 12, Blue White Zinc	2
16	90722-Y2P0110-0001	Plug, End	1

# WIRING DIAGRAM

