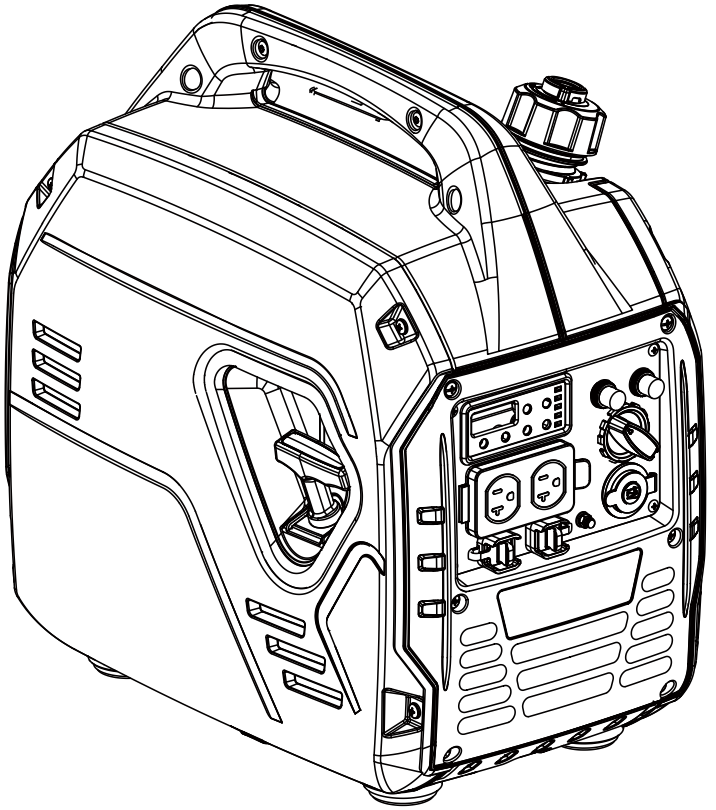
CHAMPION
GLOBAL POWER EQUIPMENT™-MC

Champion Power Equipment, Inc.

MODEL #201654



PARTS INFORMATION

2500W PORTABLE INVERTER GENERATOR

SERIAL NUMBER RANGE: ALL

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

REV 20260701

TABLE OF CONTENTS

Inverter Generator Parts Diagram 3
Inverter Generator Parts List 4
Engine Parts Diagram 6
Engine Parts List 7
Cylinder Head Parts Diagram 9
Cylinder Head Parts List 10
Carburetor Parts Diagram 11
Carburetor Parts List 12
Fuel Tank Parts Diagram 13
Fuel Tank Parts List 14
Control Panel Parts Diagram 15
Control Panel Parts List 16
Base Parts Diagram 17
Base Parts List 18
Wiring Diagram 19

INVERTER GENERATOR PARTS DIAGRAM

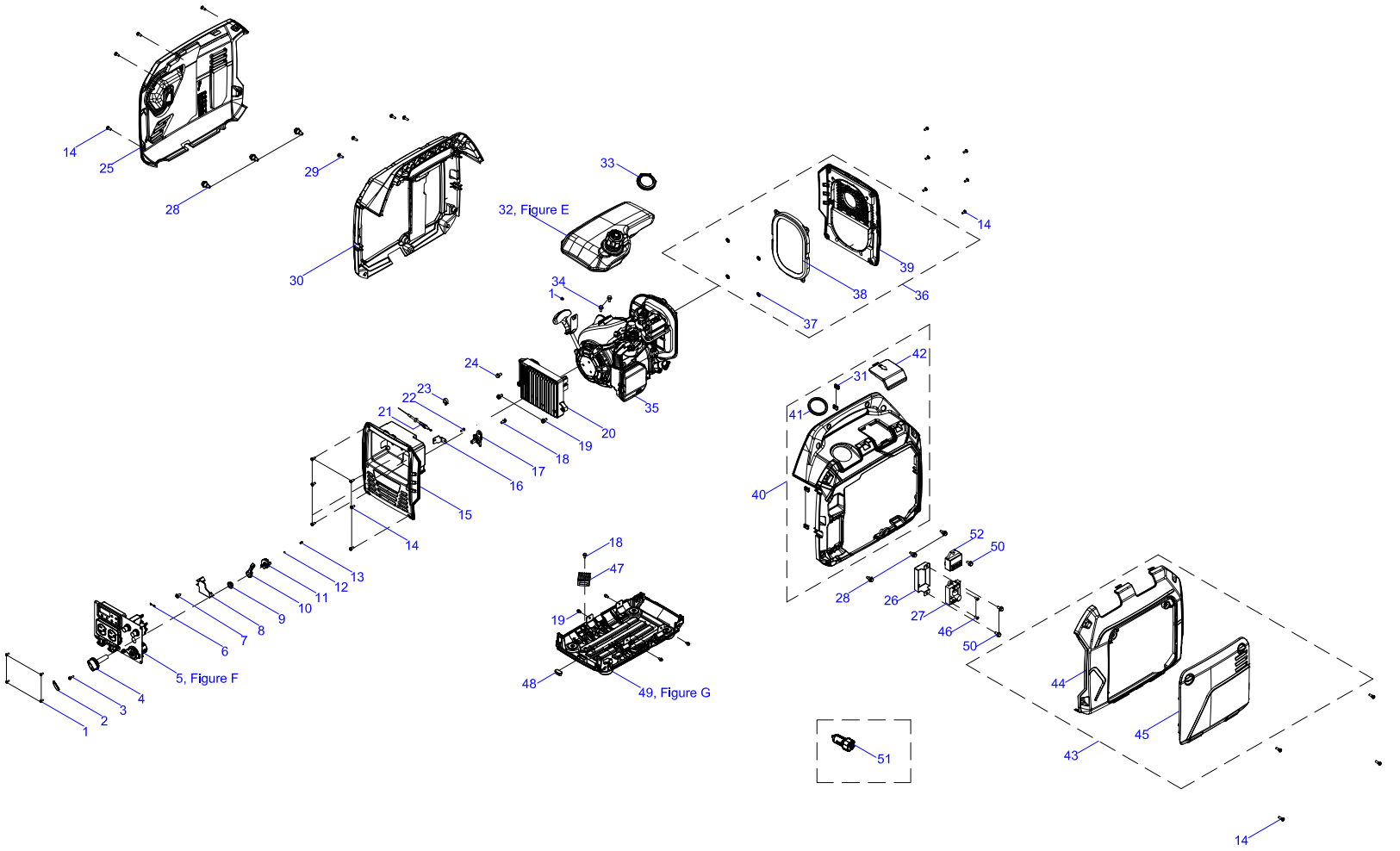


Figure A

INVERTER GENERATOR PARTS LIST

#	Part Number	Description	Qty.
1	100010946-0009	M4 x 10, Screw, Black zinc, GB818	5
2	100715786-0001	Fuel Switch Handle Cover 1, Yellow	1
3	100137684-0003	M4 x 16, Pan Head Screw Assembly, Trivalent Black Zn, GB9074.8	1
4	100715787	Fuel Switch Handle Cover	1
5	100951249	Control Panel Assembly, 120V, 201654	1
6	100091757	Bearing Clamp Ring, Ø1.8 x Ø6 x 0.8	2
7	100011001-0004	ST4.2 x 10, Self-tapping Screw, Blue-white Zn, GB845	1
8	100714558	Panel Seat Stop, Block	1
9	100714542	Lever Swinging Rod, Block	1
10	100714543	Lever Swinging Rod, Plastic	1
11	100712960	Main Shaft Slide, Ø37.2 x 16, Four Gears	1
12	100099173	Steel Ball, Ø5	1
13	100098271	Fuel Switch Spring, Ø0.5 x 8.2 x 4	1
14	100081995	Step Bolts, M5 x 16	20
15	100727920-0001	Front Panel, PU Sponge, V0, Black	1
16	100714544	Mounting Plate, Cable, Metal	1
17	100141146	Fuel Valve Assembly, 115° Journey, Tri gears	1
18	100011571-0001	M6 x 14, Hex Flange Bolt, Blue-white Zn, GB16674	2
19	100011570-0001	M6 x 12, Hex Flange Bolt, Blue-white Zn, GB16674	6
20	100951248	Inverter, 120V, 60Hz, cETL, 180 x 130 x 32.5	1
21	100714541	Cable, Ø1.5 x 36.8	1
22	100032967-0002	ST4.2 x 16, Self-tapping Screw, Blue-white Zn, GB845	1
23	100000671	Clip, Inner Diameter Ø13, Plastic	1
24	100011249-0003	M5 x 12, Hex Flange Bolt, Blue-white Zn, GB5789	1
25	100763129-0001	Left Cover Board, PU Sponge, Yellow	1
26	100751697	CO Module Mounting Bracket, Shielding Action	1
27	100156769	CO Alarm, 5.1830.022 CO Shutdown Module, PGMA	1
28	100081994	Alignment Bolt, M6 x 24	6
29	100033079-0003	M5 x 16, Screw, Black zinc, Grade 4.8, GB9074.5	4
30	100711008-0001	Left Shell, PU Sponge, V0, Black	1
31	100050562	Fuel Tank Mount Thread Tab, Trivalent Blue-white Zn	4
32	100731655	Fuel Tank Assembly, Fluorate, 201654	1
33	100008887	Lock Nut, Ø62 x 8	1
34	100033099-0006	M6 x 18, Hex Flange Bolt, Blue-white Zn, GB16674	2
35	1ZC7DC654	Engine, 79cc, MS SF, EPA+cETL+ICES-002+PGMA	1
36	100775027	Service Window, PU Sponge, V0, 264.5 x 253.1 x Ø52.5	1
37	100087972	Bearing Clamp Ring, Ø5.5 x Ø14 x 1.6, Dacromet	4
38	100072722	Gasket, Muffler, 231.9 x 145 x 16.9	1
39	100727921	Muffler Service Window, PU Sponge, V0	1
40	100760676-0001	Right Hull Assembly, With Damping Pad, PU Sponge, V0, Black	1
41	100073150	Damping Pad, Ø52 x Ø64 x 8.6	1
42	100711052-0001	Spark Plug Maintenance Plate,PU Sponge, V0, Black	1
43	100729399-0001	Right Cover Board Assembly, V0, Yellow	1
44	100729398-0001	Right Shell, PU Sponge, V0 , Yellow	1
45	100729397-0002	Right Cover Board, V0, Yellow	1
46	100729649-0001	M5 x 12, Screw, Black Zn, GB9074.5	2
47	100951247	Rectifier Bridge, Capacitance, DC14V, PGMA, cETL	1
48	100072710	Rubber Damper, 32 x 16 x 13	1
49	100731653	Switch Box Base Assembly, 201654	1

#	Part Number	Description	Qty.
50	100011261-0004	M6 x 12, Hex Flange Bolt, Blue-white Zn, GB5789	3
51	100806851	12VDC USB Adapter, TypeA_TypeC, Black	1
52	100750452	Ignition Module, Engine Oil Indicator, PGMA	1

ENGINE PARTS DIAGRAM

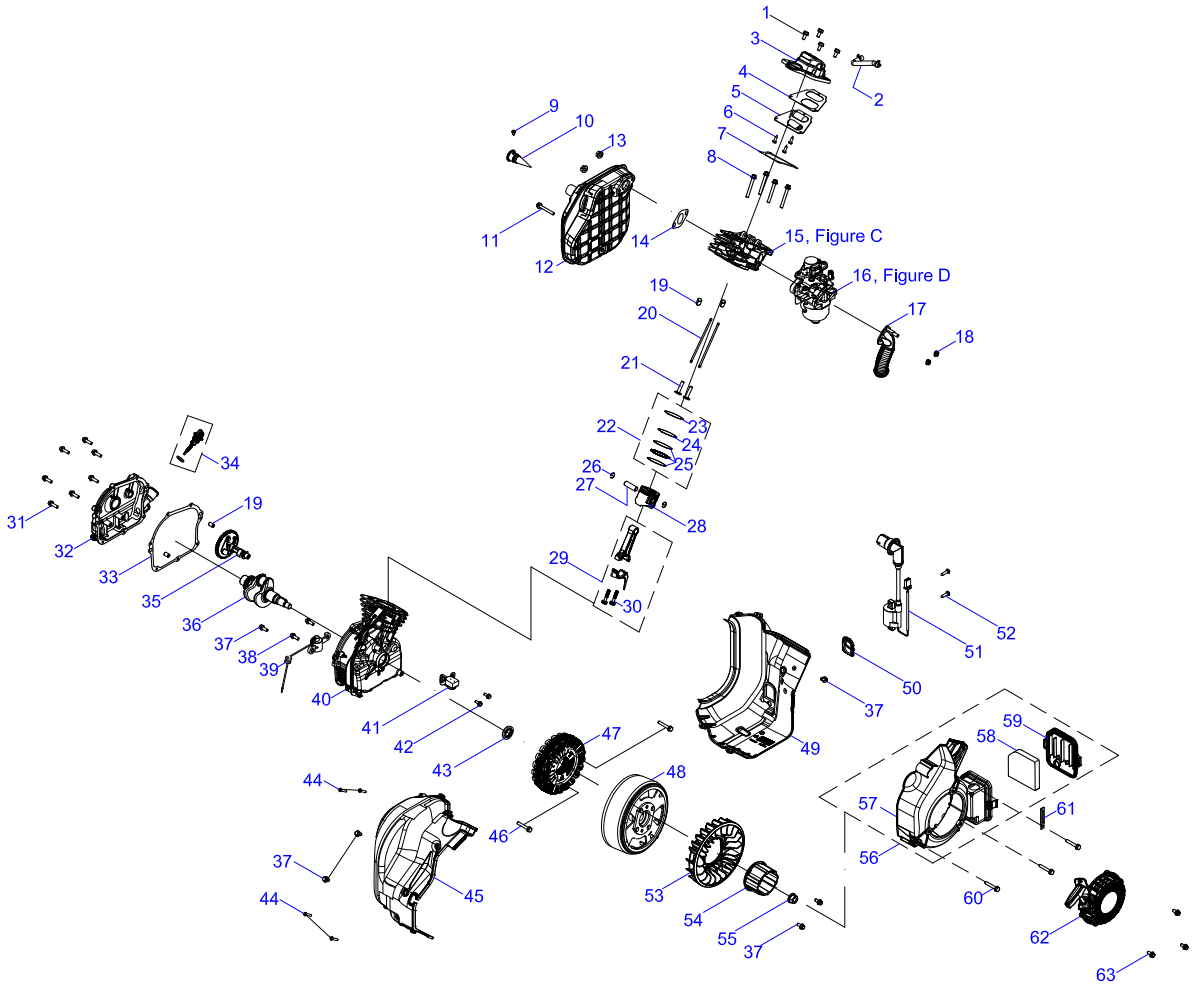


Figure B

ENGINE PARTS LIST

#	Part Number	Description	Qty.
1	100033099-0006	M6 x 18, Hex Flange Bolt, Blue-white Zn, GB16674	4
2	100154528	Breather Hose, Ø8 x Ø12 x 39 + Ø16 x Ø14 x 80	1
3	100072876	Cylinder Head Cover Assembly, 201654	1
4	100762680	Gasket, Cylinder Cover, 68 x 47 x 0.5	1
5	100762679	Cylinder Head Inner Cover Assembly, 201654	1
6	100005133	M3 x 6, Cross Recessed Pan Head Screw, GB823	3
7	100075052	Cylinder Head Cover Gasket, 201654	1
8	100011275-0002	M6 x 50, Hex Flange Bolt, Blue-white Zn, Grade 10.9, GB5789	4
9	100011000-0001	ST4.2 x 9.5, Self-tapping Screw, Blue-white Zn, GB845	1
10	100085794	Spark Arrestor, Ø25.8 x 58.5, 201511	1
11	100011277-0005	M6 x 60, Hex Flange Bolt, Dacromet, GB5789	1
12	100775263-0001	Exhaust Muffler, 201654	1
13	100011452-0013	M6, Hex Flange Lock Nut, Dacromet, GB6177.1	2
14	100075043	Muffler Gasket, 201654	1
15	100723701	Cylinder head kit, 200951	1
16	100948083	Carburetor assembly kit, 500889-CHL	1
17	100075035	Air filter hose, 500961-J	1
18	100011452-0003	M6, Hex Flange Lock Nut, Blue-white Zn, GB6177.1	2
19	100010549	Pin, Ø8 x 12	4
20	100075061	Push Rod, Ø3.5 x 115.2	2
21	100075036	Tappet, Ø18.3 x Ø6.6 x 30.5	2
22	100075040	Piston Ring Assembly, Ø48.6, 201654	1
23	100088147	1st Piston Ring, Ø48.6x 1	1
24	100088148	2nd Piston Ring, Ø48.6 x 1	1
25	100088146	Oil Ring, Ø48.6 x 2	1
26	100075038	Piston Pin Circlip, Ø14.7x Ø1	2
27	100075039	Piston Pin, Ø12x 38, 201654	1
28	100159355	Piston, Ø48.45 x Ø12, 201407	1
29	100075037	Connecting Rod Assembly, Ø12 x 76 x Ø22	1
30	100091043	M6 x 29, Bolt, Connecting Rod	2
31	100031968-0002	M6 x 20, Hex Flange Bolt, Blue-white Zn, GB16674	7
32	100072617	Crankcase Cover, 201654	1
33	100075062	Crankcase Gasket, 201654	1
34	100084322-0003	Oil Dipstick Assembly, Length 92.5 mm	1
35	100159356	Camshaft, Semi-nylon, 201654	1
36	100065663	Crankshaft, No Bearing, 201654	1
37	100011570-0001	M6 x 12, Hex Flange Bolt, Blue-white Zn, GB16674	6
38	100031967-0007	M6 x 16, Hex Flange Bolt, Blue-white Zn, GB16674	2
39	100075063	Oil Sensor, Inductive Type, Wire Length 280 mm	1
40	100085410	Crankcase, Bore Ø48.6, 201654	1
41	100752614	Trigger, 480mm	1
42	100055591-0006	M6 x 12, Hex Flange Bolt, Blue-white Zn, GB16674	2
43	100085697	Oil Seal, Ø20 x Ø32 x 6, 201654	1
44	100011004-0001	ST4.2 x 25, Self-tapping Screw, Black Zn, GB845	4
45	100727945	Rear Air Guide Assembly, 201654	1
46	100011223-0001	M6 x 32, Hex Flange Bolt, Blue-white Zn	2
47	100733683	Stator Assembly, 1.9KW 120V, Ø120 x 32.5, 201654	1
48	100085871	Rotor Assembly, Ø150 x Ø121 x 44.5, 201654	1
49	100727946	Front Wind Guide Assembly, 201654	1
50	100072878	O-Ring, Dipstick, 35.4 x 43.8 x 15.4	1
51	100752619	Ignition Coil, 201654	1
52	100093250-0005	ST4.8 x 20, Self-tapping Screw, Black Zn, GB845	2
53	100727948	Cooling Fan, Ø168.8 x 36.3, 201654	1
54	100159015	Starting Pulley , Ø73.5 x 41	1

#	Part Number	Description	Qty.
55	100033063-0001	M12 x 1.25, Hex Flange Lock Nut, Blue-white Zn, GB6177.2	1
56	100727947	Fan cover assembly, 201654	1
57	100735795	Fan Cover, Flame Retardant V0, 201654	1
58	100075483	Air Filter Element, 201654	1
59	100075482	Air Filter Cover, 201654	1
60	100011277-0001	M6 x 60, Hex Flange Bolt, Blue-white Zn, GB5789	3
61	100000655	Wire Clip B, Ø6 x 100 x 10, Trivalent Blue-white Zn	1
62	100728966-0001	Recoil Starter Assembly, Ø141 x 7, Black, 201654	1
63	100011571-0001	M6 x 14, Hex Flange Bolt, Blue-white Zn, GB16674	3

CYLINDER HEAD PARTS DIAGRAM

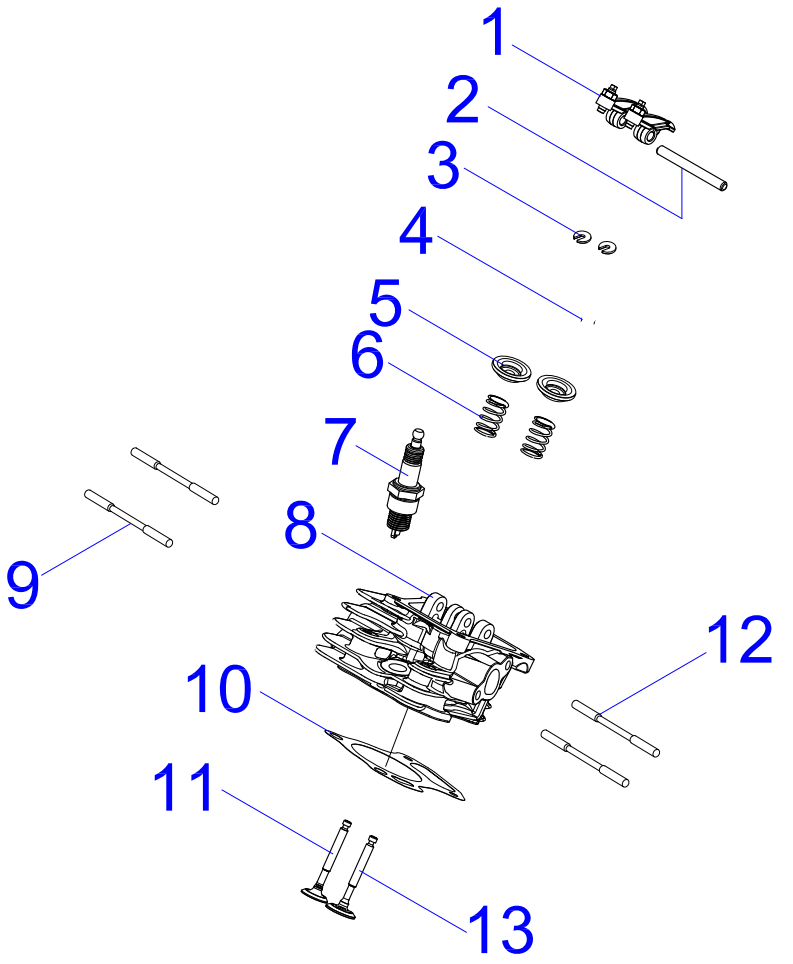


Figure C

CYLINDER HEAD PARTS LIST

#	Part Number	Description	Qty.
1	100075054	Rocker Arm Assembly, 201654	2
2	100075053	Rocker Arm Shaft, Ø6 x 59	1
3	100075055	Valve Lock, 201654	2
4	100075058	Oil Baffle Assembly, Ø11 x Ø4.5x 5	1
5	100075056	Valve Spring Retainer, 201511	2
6	100159357	Valve Spring, Ø18.5 x Ø2 x 32	2
7	100097810	Spark Plug, E6RTC	1
8	100148916	Cylinder Head, 201654	1
9	100088412	M6 x 73 , Double End Stud	2
10	100085694	Cylinder Head Gasket, Ø49.6	1
11	100075059	Exhaust Valve, Ø18.2 x Ø55 x 53.6	1
12	100010348	M6 x 87, Double End Stud	2
13	100159354	Intake Valve, Ø21.5 x Ø5 x 53.1	1

CARBURETOR PARTS DIAGRAM

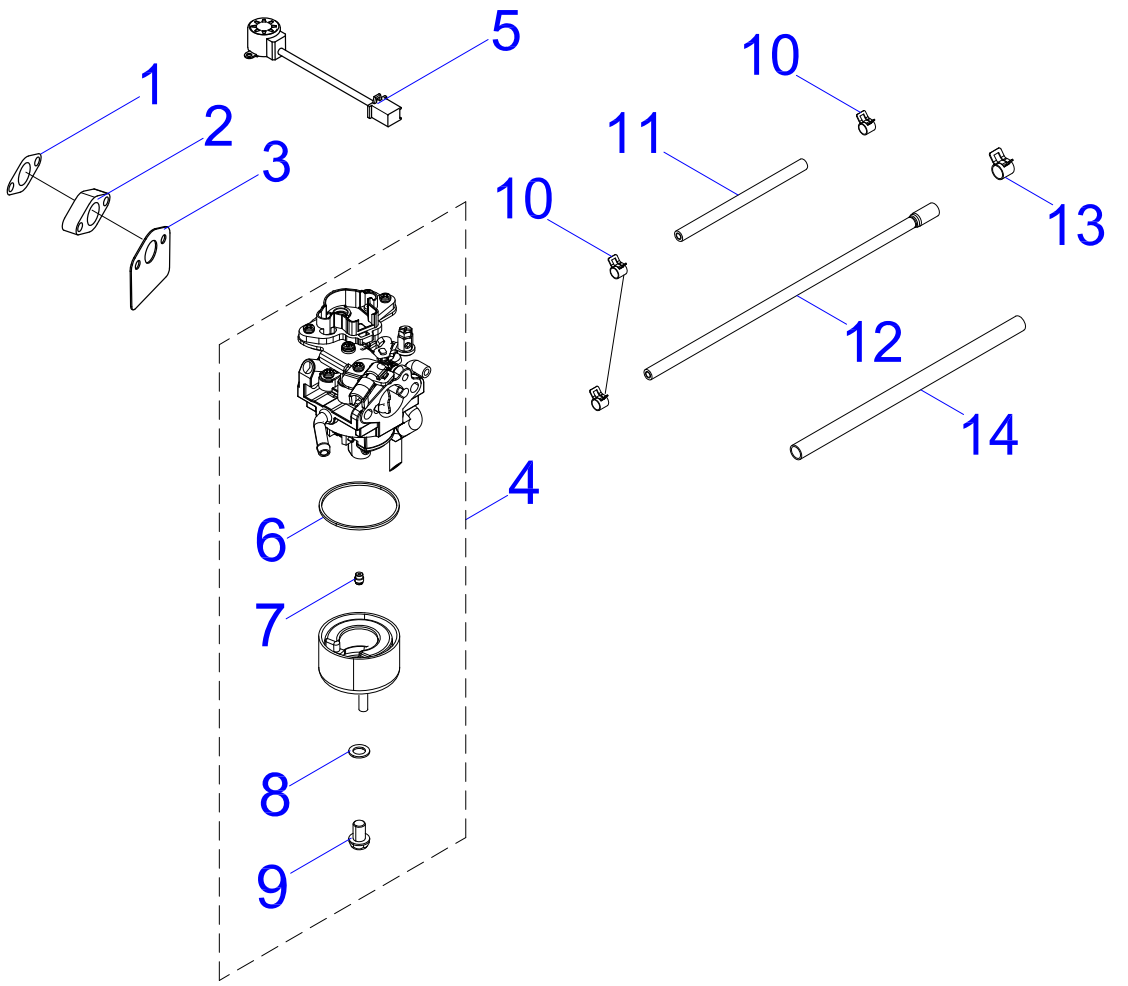


Figure D

CARBURETOR PARTS LIST

#	Part Number	Description	Qty.
1	100075048	Carburetor Heat Insulation Gasket, 201654	1
2	100075049	Carburetor Heat Insulation Plate,201654	1
3	100075050	Carburetor Gasket, 201654	1
4	100159122	Carburetor Assembly, 201654	1
5	100061512	Stepper Motor, Four Wire, 8V, 24BYJ28-N05U-657T	1
6	100131960	Fuel Bowl Float Chamber Sealing Ring, P18H-0012	1
7	100163552	Main Jet, 70	1
	100163549	Main Jet, 69	/
	100163550	Main Jet, 68	/
8	100006037	Float Bowl Bolt Seal	1
9	100131964	Fuel Bowl Float Chamber Bolt, P16D-1-001	1
10	100005149	Clamp, Ø7.5 x 8, Trivalent Blue-white Zn	3
11	100087351	Composite Tubing, Ø4 x Ø8 x 120, With EPA Mark	1
12	100131883	Composite Tubing, Ø9 x Ø6 x 23 + Ø4 x Ø8 x 275, With EPA Mark	1
13	100090871	Clamp, Ø9.7 x 8, Trivalent Blue-white Zn	1
14	100131884	Fuel Pipe Protective Sleeve, Ø9 x Ø11 x 215	1

FUEL TANK PARTS DIAGRAM

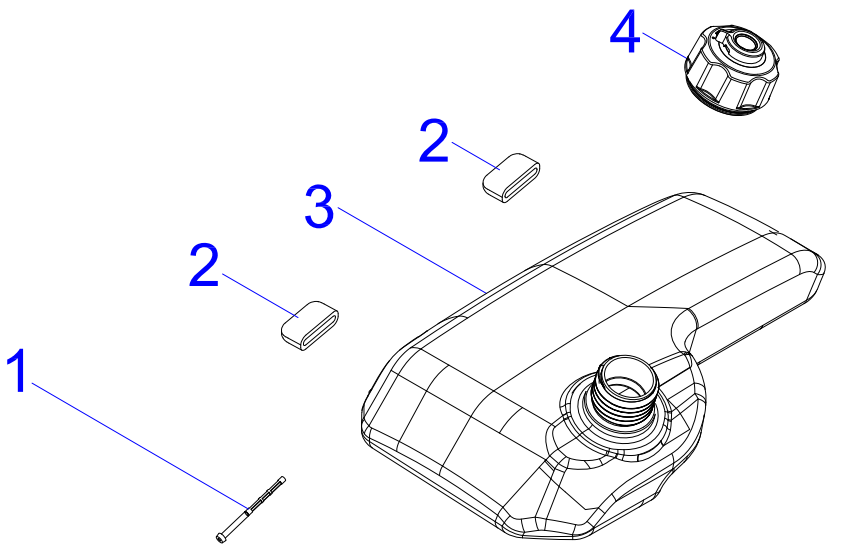


Figure E

FUEL TANK PARTS LIST

#	Part Number	Description	Qty.
1	100009020	Fuel Tee Pipe, 100-200, Status M, Ø6 x Ø7 x 66, Bar Between Mesh	1
2	100072727	Rubber Pad, 41 x 22 x 13.5	2
3	100087371	Fuel Tank Assembly, 4L, Black	1
4	100072726-0001	Fuel Tank Cap, Gray Seal ring, Rotary Knob Pantone 485 C	1

CONTROL PANEL PARTS DIAGRAM

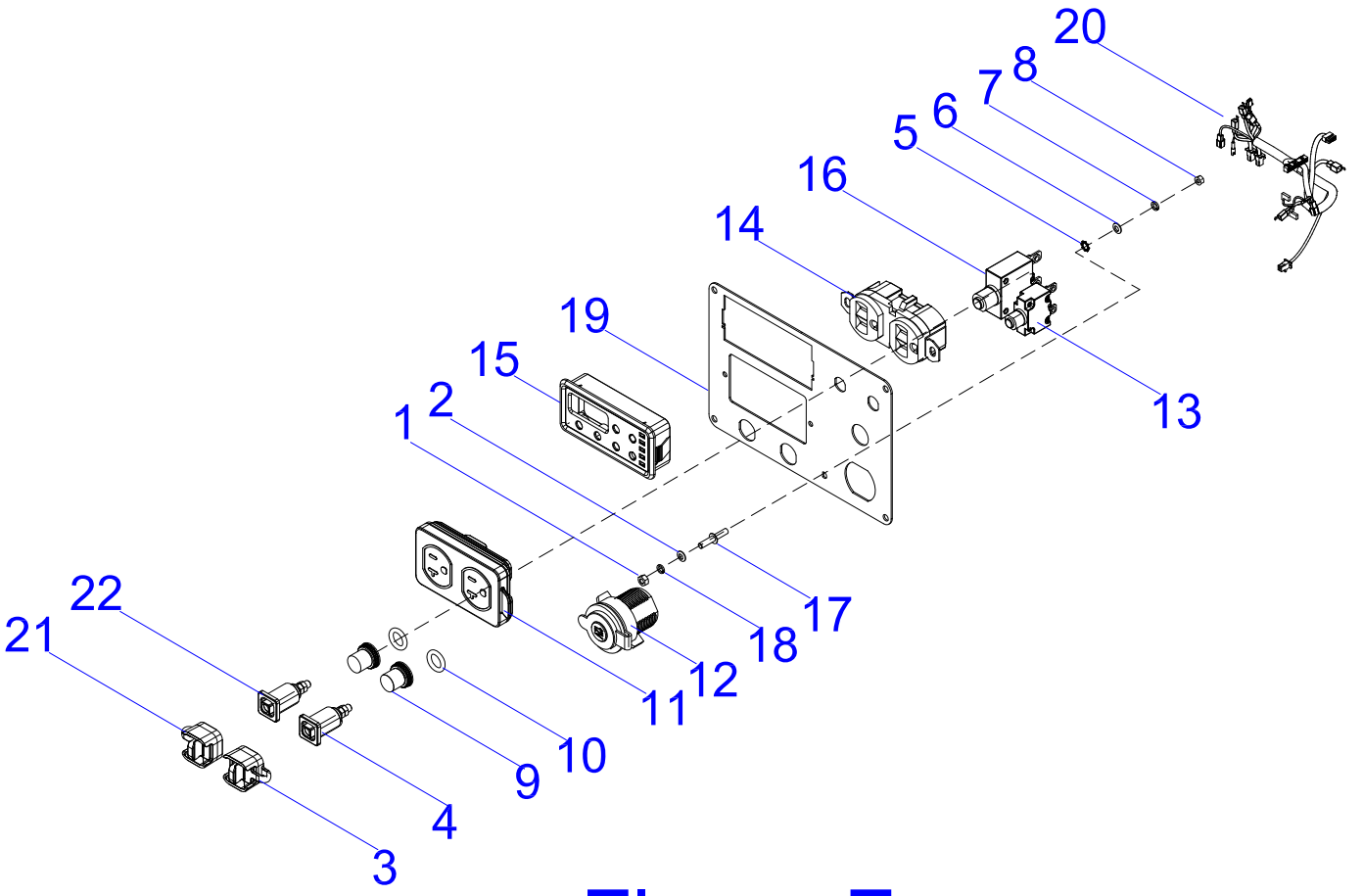


Figure F

CONTROL PANEL PARTS LIST

#	Part Number	Description	Qty.
1	100011421-0003	M6, Hex Nut, Blue-white Zn, GB6170	1
2	100010910-0003	Flat Washer, Ø6.4 x Ø12 x 1.6, Trivalent Blue-white Zn, GB97.1	1
3	100735685-0002	Parallel Port Cover 2, Square, Black, RoHS	1
4	100746006-0002	Parallel Port 2, Square, Black	1
5	100128826-0001	Lock Flat Washer, Ø6, Blue-white Zn, GB862.1	1
6	100010919-0002	Flat Washer, Ø5.3 x Ø10 x 1, Trivalent Blue-white Zn, GB97.2	1
7	100010885-0003	Spring Washer, Ø5, Trivalent Black Zn, GB93	1
8	100074511-0003	M5, Hex Flange Lock Nut, Blue-white Zn, GB6187.1	1
9	100120180	Cover, Circuit Breaker	2
10	100031552	O-Ring, Ø7 x Ø2	2
11	100731575	Receptacle Cover, 5-20R, Pattern, Generation 2	1
12	100019782	Receptacle, 20A, 12V	1
13	100057719-0001	8Amp Circuit Breaker, Push Button, With words, RoHS	1
14	100020029	Receptacle, 20A, 125V, 5-20R	1
15	100781222	Digital Meter, INT5CINV, UL, Adaptive	1
16	100019754	20 Amp Circuit Breaker, Push Button, With words	1
17	100092320-0001	Ground Stud, M6	1
18	100010886-0004	spring washer, Ø6, Trivalent Blue-white Zn, GB93	1
19	100831836	Panel Base, 120V, CO, PGMA, 201654	1
20	100955139	Wire Harness Assembly, INT5CINV, CO, cETL, 201654	1
21	100735685-0001	Parallel Port Cover 2, Square, Red, RoHS	1
22	100746006-0001	Parallel Port 2, Square, Red	1

BASE PARTS DIAGRAM

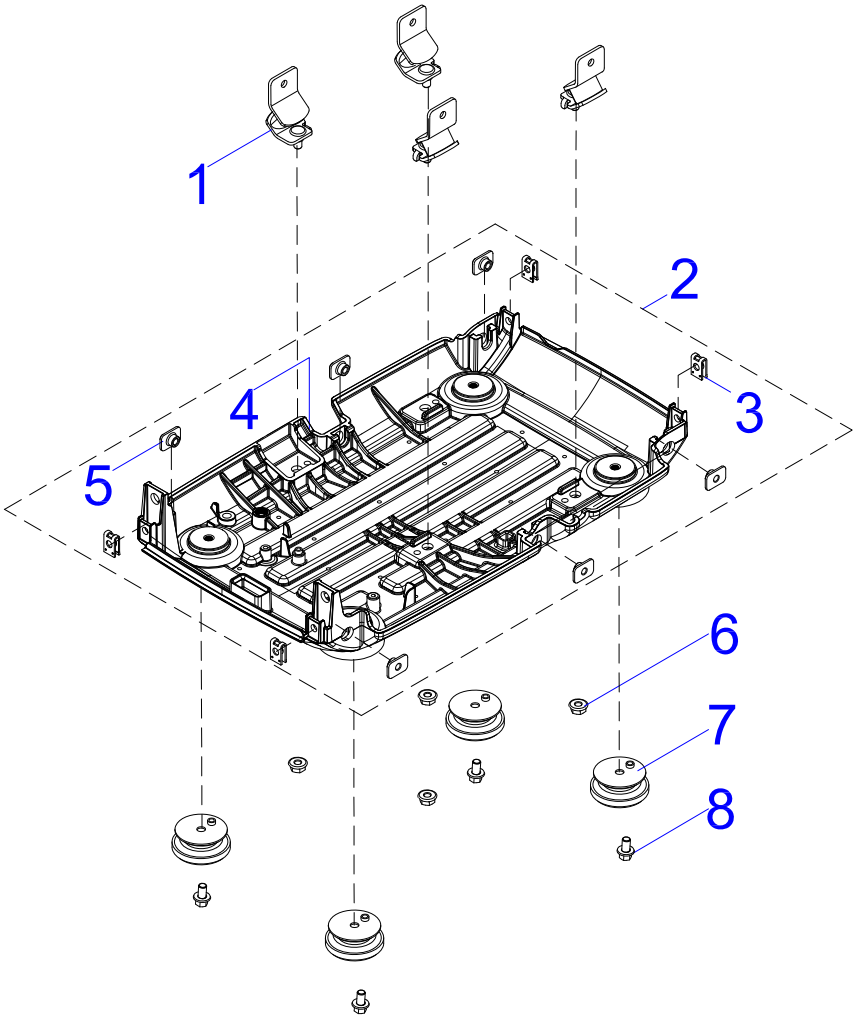


Figure G

BASE PARTS LIST

#	Part Number	Description	Qty.
1	100072715	Vibration Mount, Support, 60 x 28 x 31	4
2	100088546	Housing Assembly, Bottom, 410 x 245 x 78.9	1
3	100050562	Fuel Tank Mount Thread Tab, Trivalent Blue-white Zn	4
4	100072711	Housing Bottom, 410 x 245 x 78.9	1
5	100072994-0001	Step Nut, M6 x 7, Trivalent Color Zn	6
6	100011452-0003	M6, Hex Flange Lock Nut, Blue-white Zn, GB6177.1	4
7	100072712	Base, Ø40 x Ø19 x 21	4
8	100011570-0001	M6 x 12, Hex Flange Bolt, Blue-white Zn, GB16674	4

WIRING DIAGRAM

