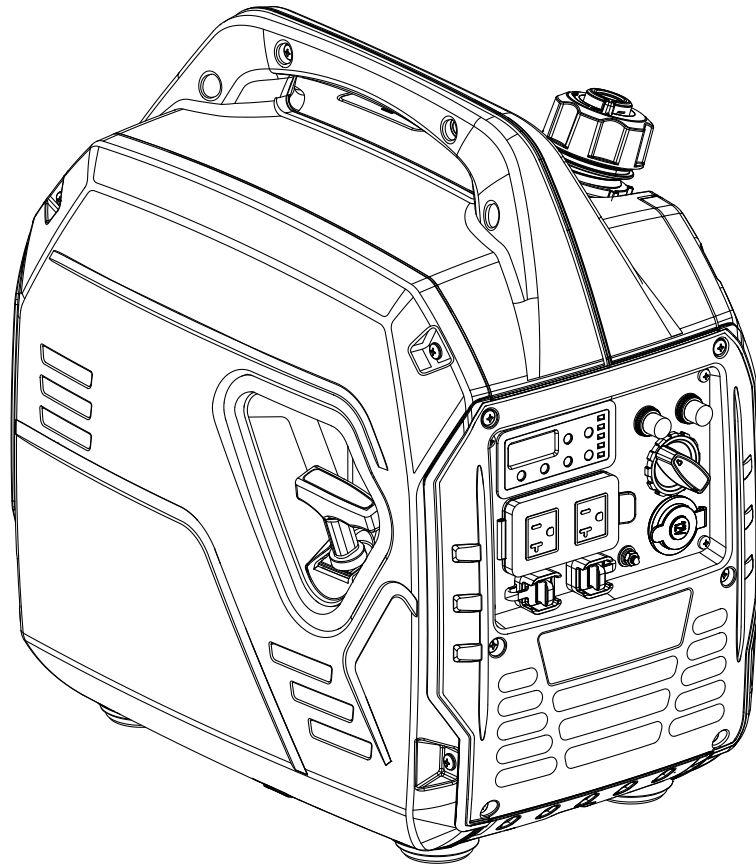


Champion Power Equipment, Inc.

**MODEL #201490**



**PARTS INFORMATION**  
**2500W PORTABLE 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

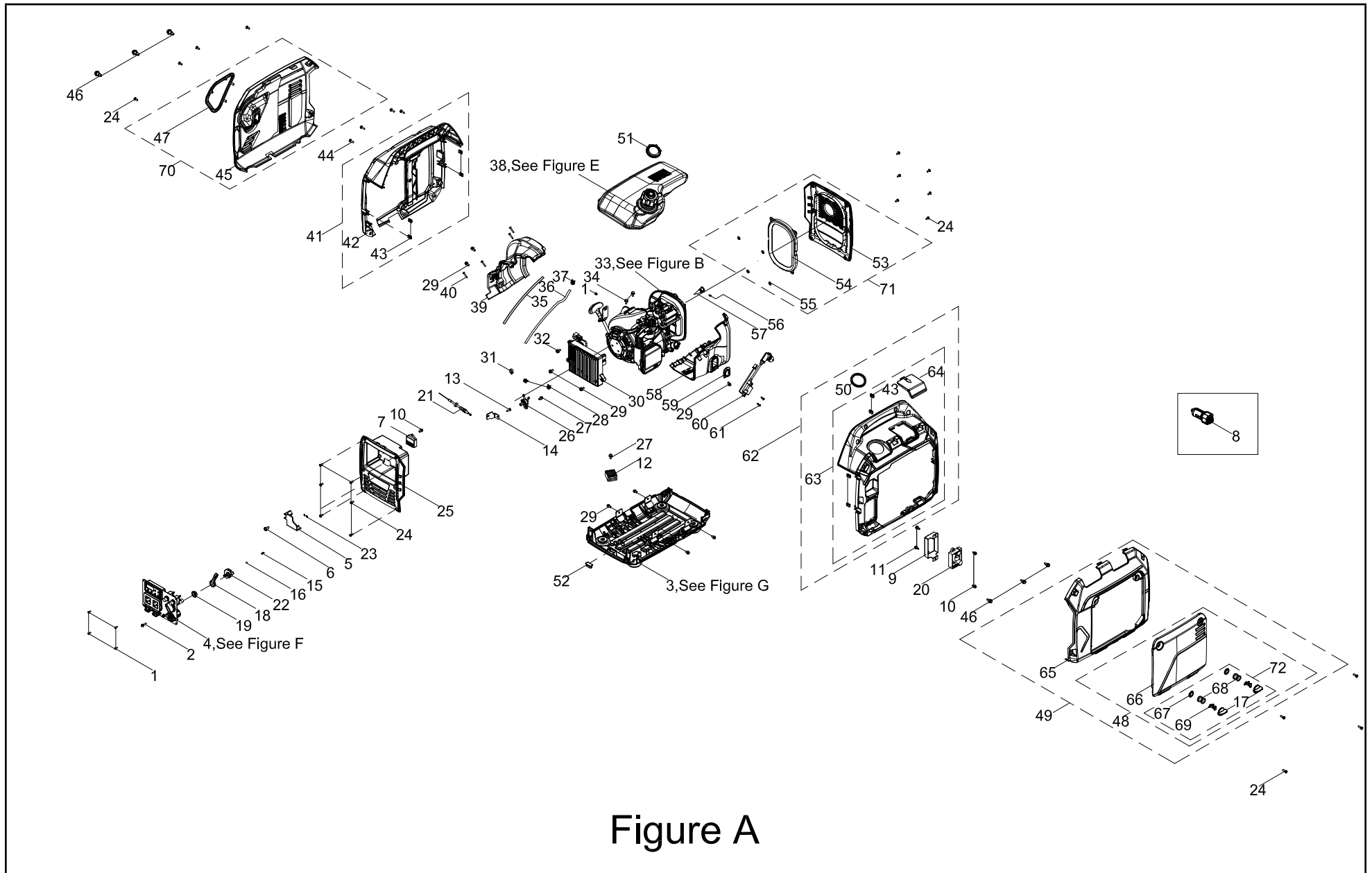


Figure A

## INVERTER GENERATOR PARTS LIST

#	Part Number	Description	Qty.
1	100010946-0001	Screw M4 x 10	5
2	100137684-0003	Bolt M4 x 16	1
3	100731653	Switch Box Base Kit, See Figure G	1
4	100735904-0001	Panel Assembly, See Figure F	1
5	100714558	Wire Stop Block	1
6	100011001-0004	Self-tapping Screw ST4.2 x 10	1
7	100750452	LED Display Module	1
8	100806851	12VDC USB Adapter	1
9	100751697	CO Alarm Housing	1
10	100011261-0004	Flange Bolt M6 x 12	3
11	100729649-0001	Screw M5 x 12	2
12	100750451	Rectifier Bridge, Capacitance	1
13	100032967-0002	Self-tapping Screw ST4.2 x 16	1
14	100714544	Mounting Plate, Recoil Cord	1
15	100098271	Switch Spring	1
16	100099173	Steel Ball	1
17	100142059-0001	1/4 Turn Dial	2
18	100714543	Swing Arm	1
19	100714542	Block, Swing Arm	1
20	5.1830.022	CO Shutdown Module	1
21	100714541	Cable	1
22	100712960	Switch Block	1
23	100091757	Circlip, Bearing Holder, Ø1.8 x Ø6	2
24	100081995	Step Bolt M5 x 16	20
25	100727920-0001	Front Panel, Black	1
26	100141146	Fuel Valve, Angle 45°	1
27	100011571-0001	Big Flange Bolt M6 x 14	2
28	100005149	Clamp 1, Ø7.5	2
29	100011570-0001	Big Flange Bolt M6 x 12	9
30	100735905	Inverter, 120V 60Hz	1

#	Part Number	Description	Qty.
31	100000671	Clip Ø13	1
32	100011249-0003	Bolt M5 x 12	1
33	1ZC7DCV09	Engine 79cc, See Figure B	1
34	100033099-0006	Big Flange Bolt M6 x 18	2
35	100131884	Tube Sheath, Silicon Resin	1
36	100131883	Fuel Tube, L=275mm	1
37	100090871	Clamp 2, Ø9.7 x 8	1
38	100731655	Fuel Tank Assembly, See Figure E	1
39	100072874	Rear Air Guide	1
40	100011004-0001	Self-tapping Screw ST4.2 x 25	4
41	100092440-0007	Housing Assembly, Left Handle, Black	1
42	100139137	Housing, Left Handle, Black	1
43	100050562	Threaded Clamp	8
44	100033079-0003	Screw M5 x 16	4
45	100142060-0003	Side Cover Plate, Left, Yellow	1
46	100081994	Shaft Locating Bolt M6 x 17	6
47	100799933-0002	Deco Trim, Recoil	1
48	100154370-0002	Maintenance Panel Assembly, Yellow	1
49	100157108-0002	Housing Assembly, Right, Yellow	1
50	100073150	Rubber Washer	1
51	100008887	Lock Nut	1
52	100072710	Rubber Damper	1
53	100142062-0001	Rear Panel, Muffler, Black	1
54	100072722	O-ring Seal	1
55	100087972	Retainer Ring	4
56	100011000-0001	Self-tapping Screw ST4.2 x 9.5	1
57	100085794	Spark Arrester Assembly	1
58	100072875	Front Air Guide	1
59	100072878	Oil Seal	1
60	100752619	Ignition Coil	1

#	Part Number	Description	Qty.
61	100093250-0005	Self-tapping Screw ST4.8 x 20	2
62	100760575-0002	Housing Assembly, Right Handle, Black	1
63	100092441-0007	Housing, Right Handle, Black	1
64	100092444-0005	Spark Plug Maintenance Plate, Black	1
65	100142057-0001	Housing Panel, Right, Yellow	1
66	100142061-0001	Maintenance Panel, Yellow	1
67	100146896	1/4 Turn Dial Washer	2
68	100146895	1/4 Turn Dial Spring	2
69	100146894-0001	1/4 Turn Dial Lever	2
70	100799934-0002	Side Cover Plate, Left	1
71	100775026	Rear Panel Assembly	1
72	100791001	Cap Knob Kit	1

# ENGINE PARTS DIAGRAM

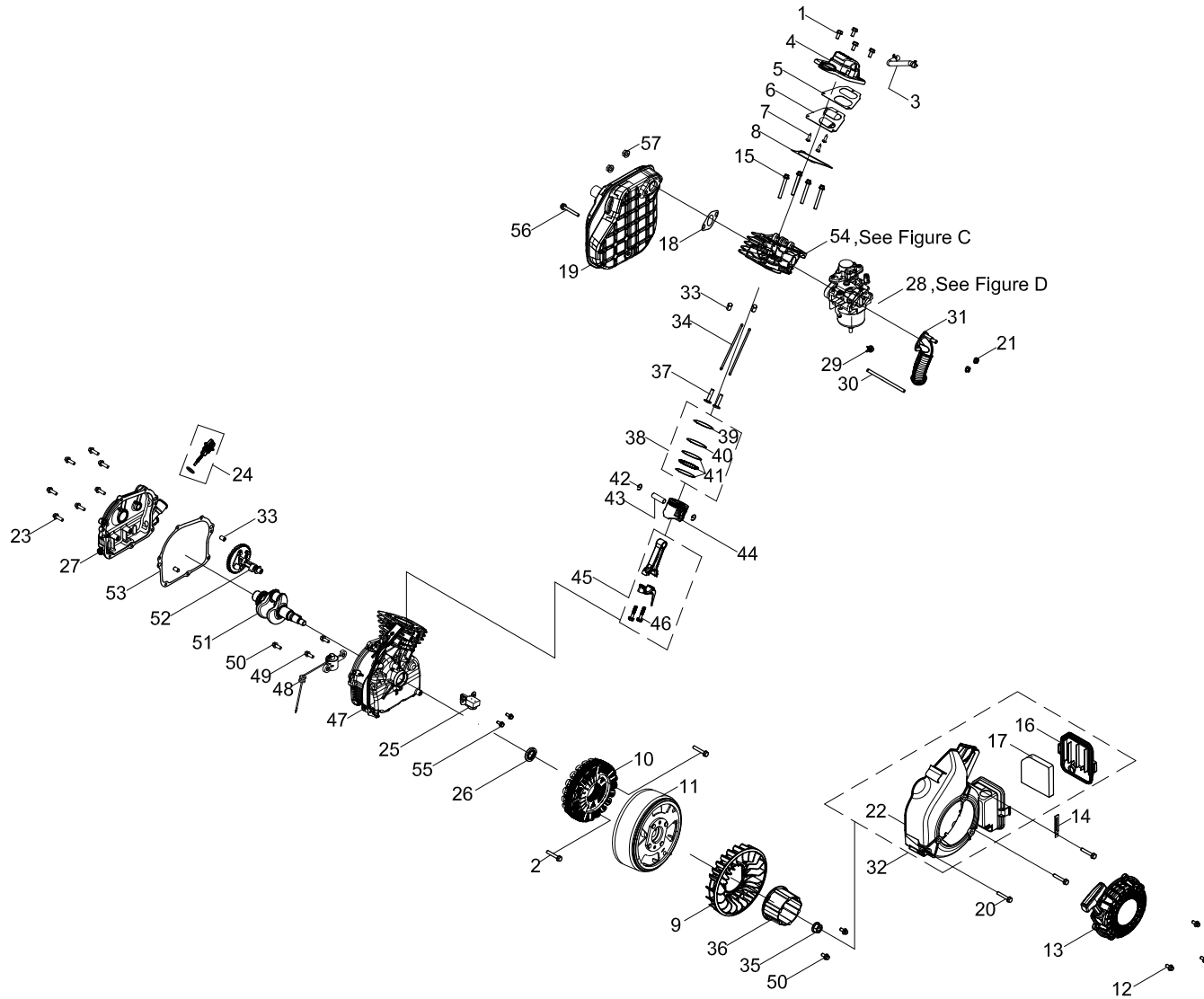


Figure B

**ENGINE PARTS LIST**

#	Part Number	Description	Qty.
1	100033099-0006	Big Flange Bolt M6 x 18	4
2	100011223-0001	Flange Bolt M6 x 32	2
3	100154528	Breather Tube	1
4	100072876	Cylinder Head Cover Assembly	1
5	100762680	Gasket, Cylinder Cover	1
6	100762679	Inner Cover, Cylinder Head Cover	1
7	100005133	Cross Screw M3 x 6	3
8	100075052	Gasket, Cylinder Head Cover	1
9	100072871	Cooling Fan	1
10	100160799	Stator Assembly, Fe	1
11	100085871	Rotor Assembly, Permanent Magneto	1
12	100011571-0001	Big Flange Bolt M6 x 14	3
13	100748946-0002	Recoil Starter Assembly	1
14	100000655	Wire Clip B	1
15	100011275-0002	Flange Bolt M6 x 50, GB5789	4
16	100075482	Air Filter Cover	1
17	100075483	Air Filter Element	1
18	100075043	Muffler Pad	1
19	100775263-0001	Exhaust Muffler Assembly	1
20	100011277-0001	Flange Bolt M6 x 60, GB5789	3
21	100011452-0003	Lock Nut M6, Flange	2
22	100085054	Fan Cover	1
23	100031968-0002	Big Flange Bolt M6 x 20	7
24	100084322-0003	Oil Dipstick Assembly	1
25	100752614	Trigger	1
26	100085697	Oil Seal Ø20 x Ø32 x 6	1
27	100072617	Cover, Crankcase	1
28	100746545	Carburetor Assembly - See Figure D	1
29	100005149	Clamp 1, Ø7.5	1
30	100087351	Fuel Tube	1

#	Part Number	Description	Qty.
31	100075035	Air Filter Hose	1
32	100072873	Fan Cover Assembly	1
33	100010549	Dowel Pin Ø8 x 12	4
34	100075061	Push Rod	2
35	100033063-0001	Flange Nut M12 x 1.25	1
36	100159015	Pulley, Starter	1
37	100075036	Lifter, Valve	2
38	100075040	Piston Ring Set	1
39	100088147	1st Piston Ring	1
40	100088148	2nd Piston Ring	1
41	100088146	Oil Ring	1
42	100075038	Circlip	2
43	100075039	Wrist Pin	1
44	100159355	Piston	1
45	100075037	Connecting Rod	1
46	100091043	Bolt, Connecting Rod	2
47	100085410	Crankcase	1
48	100075063	Oil Level Sensor	1
49	100031967-0007	Big Flange Bolt M6 x 16	2
50	100011570-0001	Big Flange Bolt M6 x 12	3
51	100065663	Crankshaft	1
52	100159356	Camshaft	1
53	100075062	Gasket, Crankcase Cover	1
54	100723701	Cylinder Head Assembly - See Figure C	1
55	100055591-0006	Bolt, M6 x 12	2
56	100011277-0005	Flange Bolt M6 x 60	1
57	100011452-0013	Lock Nut M6, Flange,GB6177.1	2

## CYLINDER HEAD PARTS DIAGRAM

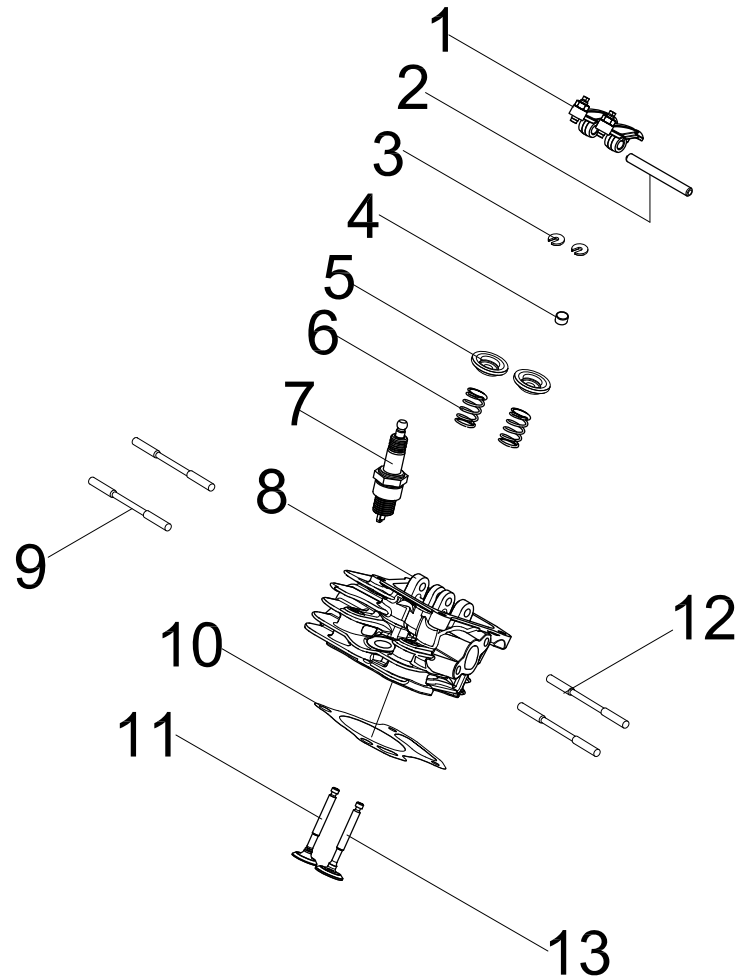


Figure C



**CYLINDER HEAD PARTS LIST**

#	Part Number	Description	Qty.
1	100075054	Rocker Arm Assembly	2
2	100075053	Shaft, Rocker Arm	1
3	100075055	Valve Collet	2
4	100075058	Valve Rotator	1
5	100075056	Valve Spring Seat, 182F	2
6	100159357	Spring Valve	2
7	100097810	Spark Plug(E6RTC)	1
8	100148916	Cylinder Head	1
9	100088412	Stud Bolt M6 x 73	2
10	100085694	Gasket, Cylinder Head	1
11	100075059	Valve Exhaust	1
12	100010348	Stud Bolt M6 x 87	2
13	100159354	Valve Intake	1

# CARBURETOR PARTS DIAGRAM

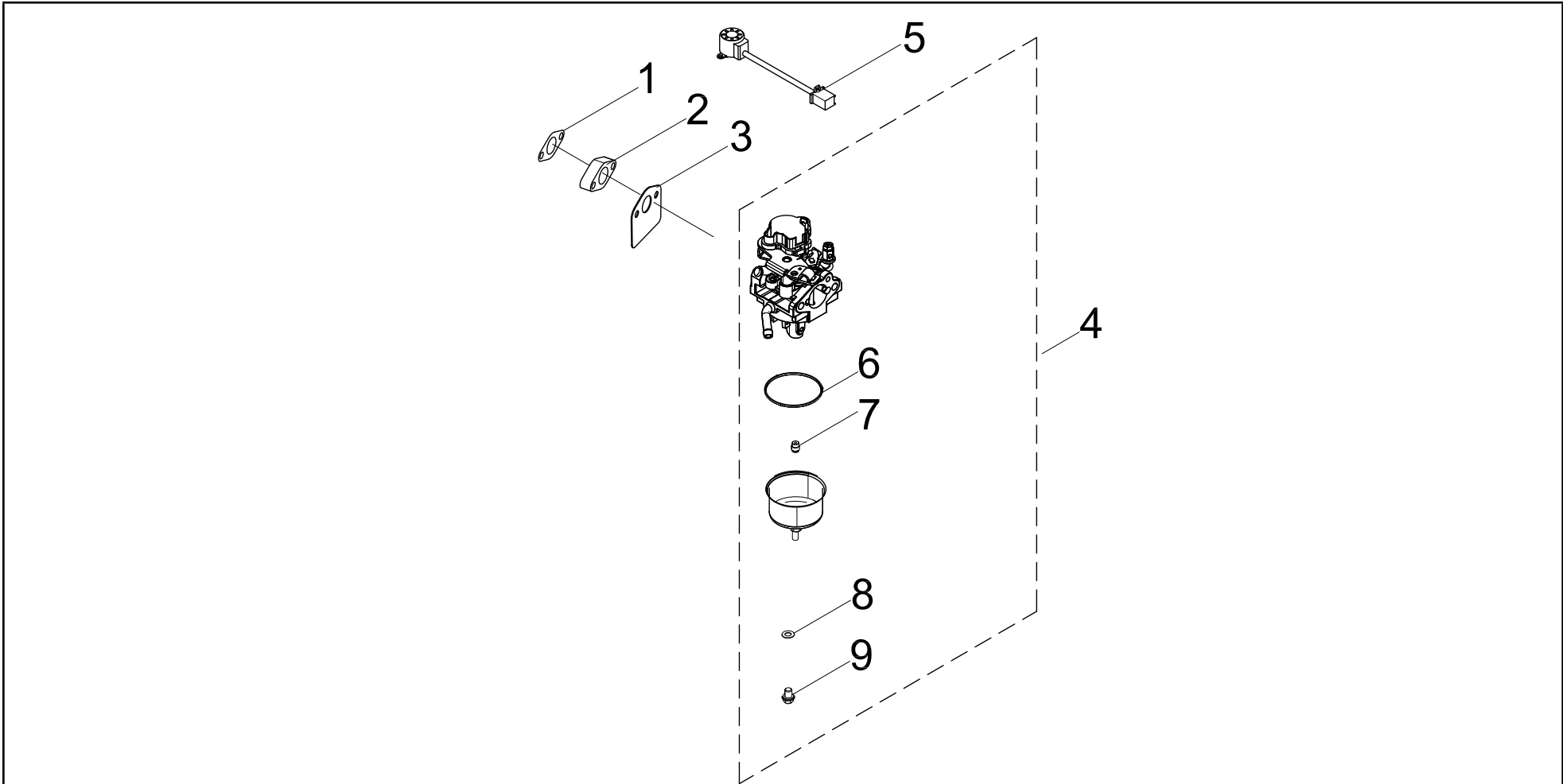


Figure D

**CARBURETOR PARTS LIST**

#	Part Number	Description	Qty.
1	100075048	Gasket, Insulator	1
2	100075049	Insulator, Carburetor	1
3	100075050	Gasket, Carburetor	1
4	100159122	Carburetor	1
5	100061512	Stepper Motor	1
6	100131960	Fuel Bowl O-Ring	1
7	100163552	Main Jet Standard (70)	1
	100163549	Main Jet Altitude 1000-2000m (69)	/
	100163550	Main Jet Altitude 2000-3000m (68)	/
8	100006037	Fuel Bowl Mounting Bolt Gasket	1
9	100131964	Fuel Bowl Mounting Bolt	1

## FUEL TANK PARTS DIAGRAM

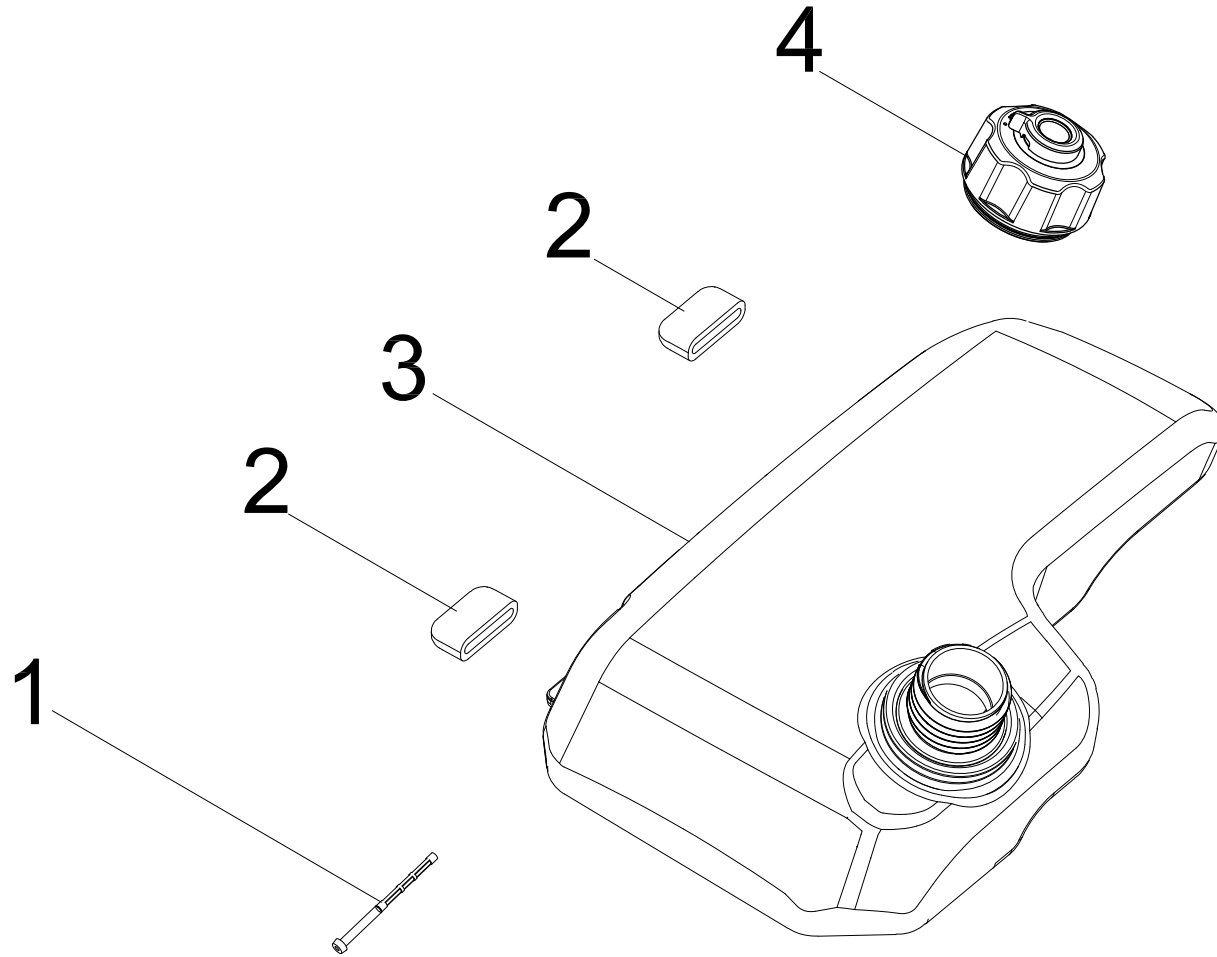


Figure E

## FUEL TANK PARTS LIST

#	Part Number	Description	Qty.
1	100009020	Fuel Strainer	1
2	100072727	Rubber Pad	2
3	100087371	Fuel Tank	1
4	100072726-0001	Fuel Tank Cap	1

# CONTROL PANEL PARTS DIAGRAM

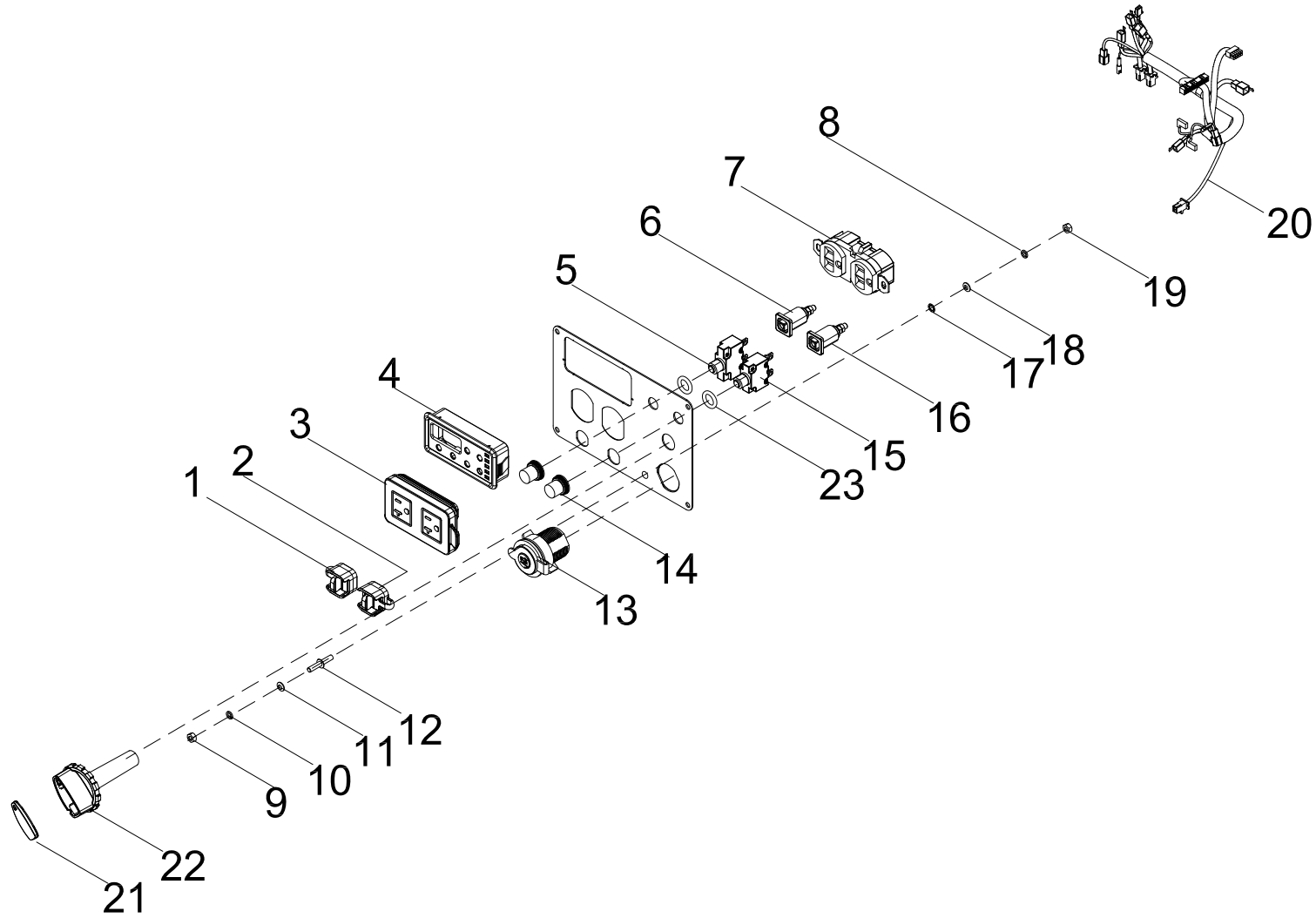


Figure F

**CONTROL PANEL PARTS LIST**

#	Part Number	Description	Qty.
1	100735685-0001	Parallel Port Cover, Square, Red	1
2	100735685-0002	Parallel Port Cover, Square, Black	1
3	100731575	Receptacle Cover 5-20R, Duplex	1
4	100748336	Intelligauge, INT5CINV	1
5	100019747	20Amp Circuit Breaker, Push Button	1
6	100746006-0001	Parallel Port, Square, Red	1
7	100020029	Receptacle 5-20R, Duplex	1
8	100010885-0003	Spring Washer Ø5	1
9	100011421-0003	Flange Nut M6	1
10	100010886-0004	Spring Washer Ø6	1
11	100010910-0003	Flat Washer Ø6	1
12	100092320	Ground Stud	1
13	100019782	Receptacle, 12 VDC	1
14	100120180	Cover, Circuit Breaker	2
15	100719032	8Amp Circuit Breaker, Push Button	1
16	100746006-0002	Parallel Port, Square, Black	1
17	100011025-0001	Lock Washer Ø6, Toothed	1
18	100010919-0002	Flat Washer Ø5	1
19	100011419-0001	Nut M5	1
20	100748728	Wire Harness Assembly	1
21	100715786-0001	Cover, Fuel Switch Handle	1
22	100715787	Fuel Valve Lever	1
23	100031552	O-Ring	2

## HOUSING ASSEMBLY PARTS DIAGRAM

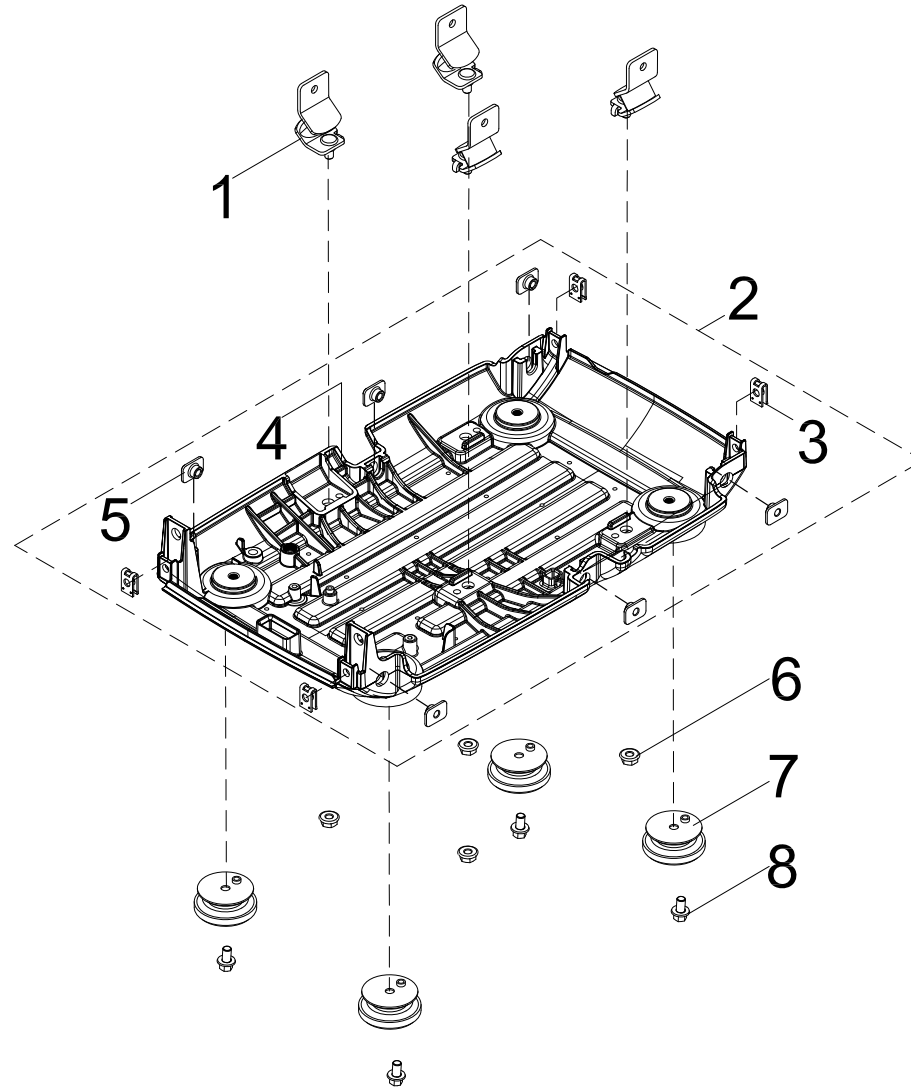


Figure G



**HOUSING ASSEMBLY PARTS LIST**

#	Part Number	Description	Qty.
1	100072715	Vibration Mount, Support	4
2	100088546	Housing Assembly, Bottom, Black	1
3	100050562	Threaded Clamp	4
4	100072711	Housing, Bottom, Black	1
5	100072994-0001	Step Nut M6	6
6	100011452-0003	Nut M6	4
7	100072712	Foot, Bottom Housing	4
8	100011570-0001	Big Flange Bolt M6 x 12	4

# WIRING DIAGRAM

