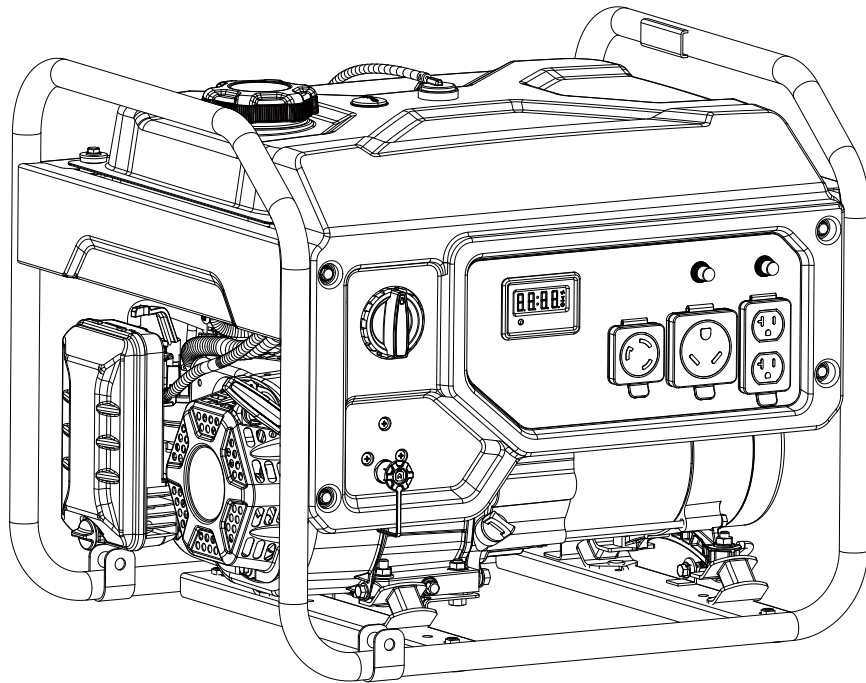




Champion Power Equipment, Inc., Santa Fe Springs, CA USA

**MODEL #200970**



## **PARTS INFORMATION**

**3650W DUAL FUEL PORTABLE 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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# GENERATOR PARTS DIAGRAM

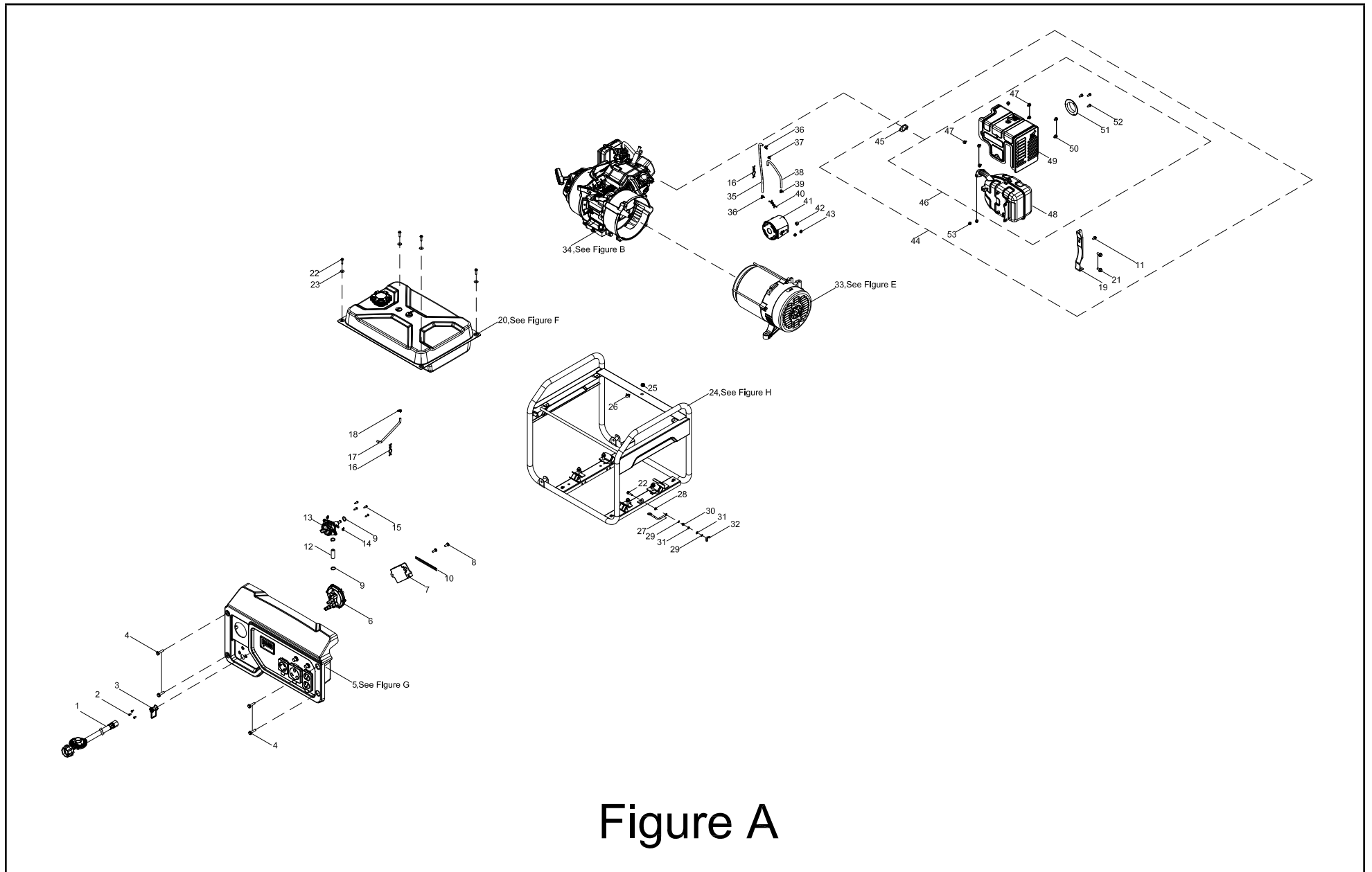


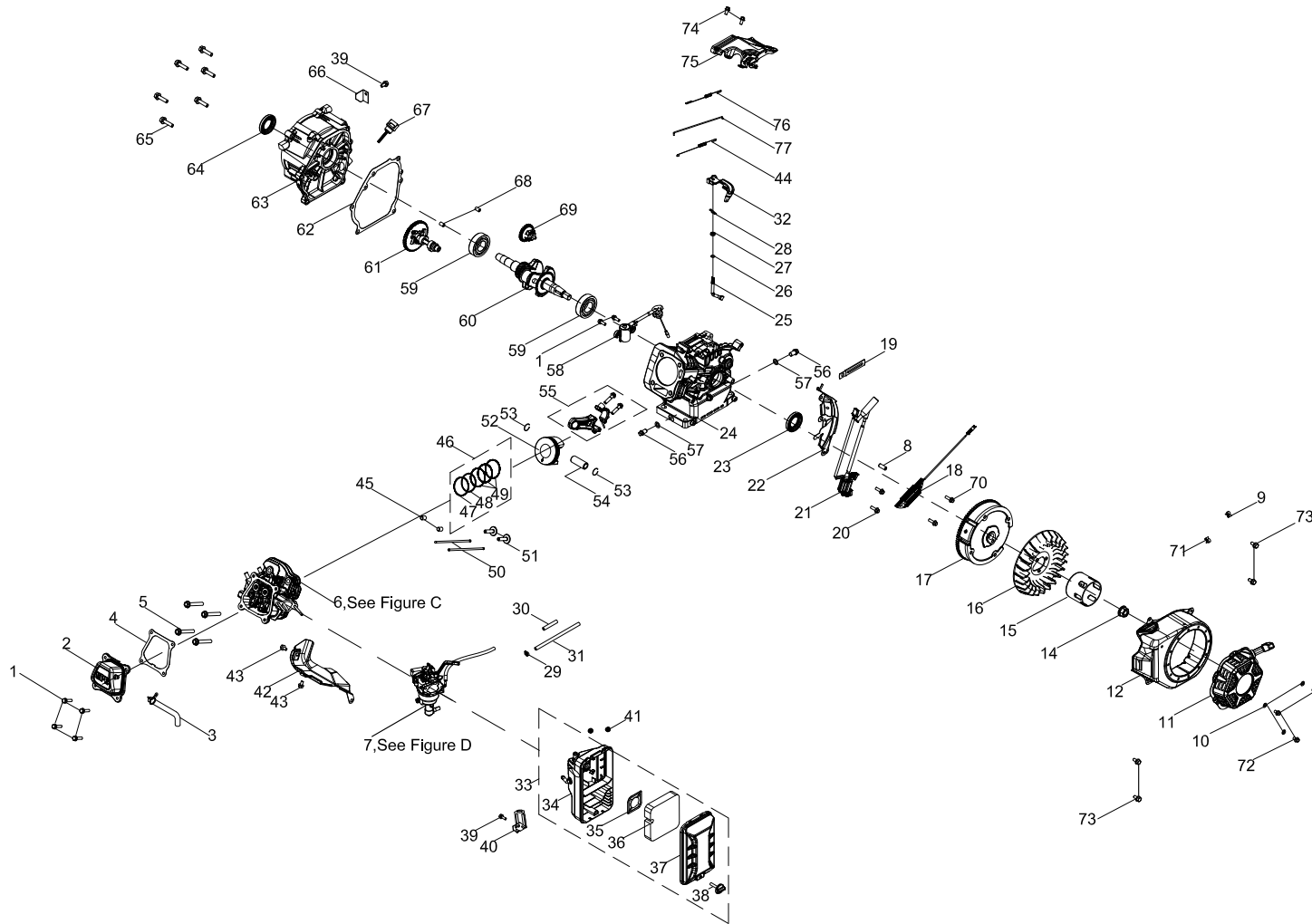
Figure A

## GENERATOR PARTS LIST

#	Part Number	Description	Qty.
1	100719472	LPG Hose With Regulator, 2m x 5/16" QC	1
2	100713896-0001	Screw M5 x 16	3
3	100163911	Rubber Cover, LPG Regulator	1
4	100011264-0002	Flange Bolt M6 x 16	4
5	100732012-0001	Control Panel Assembly, See Figure G	1
6	100714097	LPG Regulator	1
7	5.1830.022	CO Shutdown Module	1
8	100010954-0002	Screw M5 x 12	2
9	100110283	Clamp Ø17	3
10	100062546	Wire Clip B	1
11	100011261-0004	Flange Bolt M6 x 12	1
12	100712236	Hose, LPG, Regulator to Fuel Valve	1
13	100163344	Fuel Valve	1
14	100090871	Clamp Ø9.7 x 8	2
15	100093250-0002	Self-tapping Screw ST4.8 x 20	4
16	100714686	Clamp 2	2
17	100724127	Fuel Tube, Ø4 x Ø10 x 270	1
18	100005138	Clamp Ø9.5 x 8	1
19	100716099-0001	Bracket, Muffler Support	1
20	100735358	Fuel Tank Assembly, See Figure F	1
21	100011230-0002	Flange Bolt M8 x 16, GB5787	2
22	100011268-0002	Flange Bolt M6 x 25	5
23	100010439-0001	Washer Ø6.5 x 2 x Ø25	4
24	100733750	Frame Assembly, See Figure H	1
25	100009075	Rubber Damper	1
26	100000667	Clamp Ø8 x 8	1
27	100009983	Grounding Wire	1
28	100011025-0001	Lock Washer Ø6, Toothed	1
29	100010886-0004	Spring Washer Ø6	2
30	100011421-0003	Flange Nut M6, GB6170	1

#	Part Number	Description	Qty.
31	100010920-0002	Flat Washer Ø6	2
32	100010828-0002	Butterfly Type Nut M6	1
33	100733749	Alternator Assembly, See Figure E	1
34	1ZC7DFS09	Engine, 224cc, See Figure B	1
35	100724126	Vent Tube, Canister to Reversal Valve, Ø4 x Ø8 x 670mm	1
36	100005148	Clamp 1, Ø8	2
37	100005159	Clamp Ø10.5 x 8	1
38	100724128	Vent Tube, Canister to Air Cleaner	1
39	100005130	Clamp Ø9 x 8	1
40	100000658	Clamp	1
41	100724535	Carbon Canister, 400cc	1
42	100724536	Cap, Carbon Canister Vent	1
43	100011452-0002	Flange Nut M6	2
44	100733751	Muffler Assembly with Gasket and Support Bracket	1
45	100006526	Gasket, Muffler	1
46	100716097-0001	Muffler Assembly	1
47	100097575-0002	Flange Bolt M6 x 10	3
48	100724736	Muffler	1
49	100724737	Heat Shield, Muffler	1
50	100721012-0002	Flange Bolt M6 x 8, QC340	5
51	100724738	Spark Arrester	1
52	100147110-0002	Flange Bolt M4 x 8	3
53	100011422-0004	Flange Nut M8	2

# ENGINE PARTS DIAGRAM



## Figure B

**ENGINE PARTS PART LIST**

#	Part Number	Description	Qty.
1	100011264-0003	Flange Bolt M6 x 16, GB5789	6
2	100002335	Cylinder Head Cover (CPE)	1
3	100719261	Breather Tube	1
4	100079562	Gasket, Cylinder Head Cover	1
5	100002464-0001	Flange Bolt M8 x 60	4
6	100724693	Cylinder Head Assembly - See Figure C	1
7	100733376	Carburetor Assembly - See Figure D	1
8	100004217	Bush Ø8 x Ø12 x 8	1
9	100000671	Clip Ø13	1
10	100010894-0001	Washer Ø6	3
11	100156547-0001	Recoil Starter, Black	1
12	100086735-0014	Cover, Engine Fan, Yellow	1
13	100007947	Rod, Governor	1
14	100011459-0003	Flange Nut M14 x 1.5	1
15	100007550	Pulley, Starter	1
16	100007028	Fan, Engine Cooling	1
17	100030060	Flywheel	1
18	100009400	Ignition Coil	1
19	100000656	Wire Clip C	1
20	100011268-0003	Flange Bolt M6 x 25	2
21	100161478	Ignition Module	1
22	100150077	Lower Guard	1
23	100017644	Oil Seal Ø25 x Ø41.25 x 6	1
24	100140972	Crankcase	1
25	100007975	Governor Shaft	1
26	100010113	Sealing Ring, Ø5.2 x 1.9	1
27	100017630	Oil Seal Ø6 x Ø11 x 4	1
28	100007986	Cotter, Governor Shaft	1
29	100159468-0001	Clamp, Fuel Hose	1
30	100713891	Sleeve, Fuel Hose, Ø20 x 150	1

#	Part Number	Description	Qty.
31	100724125	Tube, Fuel, Ø9 x Ø17 x 320	1
32	100008417	Arm, Governor	1
33	100720109	Air Filter Assembly	1
34	100727318	Air Filter Base	1
35	100005078	Air Filter Baffle	1
36	100004771	Air Filter Element	1
37	100087055	Air Filter Cover	1
38	100004949	Air Filter Bolt	1
39	100011261-0004	Flange Bolt M6 x 12	2
40	100021030	Bracket, Air Cleaner Support	1
41	100011463-0002	Flange Nut M6	2
42	100007083	Air Guide, Lower	1
43	100011260-0005	Flange Bolt M6 x 10	2
44	100007920	Spring, Throttle Return	1
45	100010558	Dowel Pin Ø10 x 16	2
46	100003243	Piston Ring Set	1
47	100072134	1st Piston Ring	1
48	100072135	2nd Piston Ring	1
49	100072136	Oil Ring	1
50	100149269	Push Rod	2
51	100149234	Lifter, Valve	2
52	100003086	Piston	1
53	100003221	Circlip	2
54	100003123	Wrist Pin	1
55	100003446	Connecting Rod	1
56	100010272	Drain Bolt, M10 x 1.25 x 15	2
57	100010459	Washer Ø10 x 1.5 x Ø16	2
58	100161669	Oil Level Sensor	1
59	100010761	Bearing, TM6205	2
60	100085214	Crankshaft	1

#	Part Number	Description	Qty.
61	100099599	Camshaft	1
62	100075572	Gasket, Crankcase Cover	1
63	100002961	Cover, Crankcase	1
64	100017651	Oil Seal Ø25 x Ø41.25 x 6, Spiral Grain	1
65	100011319-0001	Flange Bolt M8 x 32	6
66	100020165	Support, End Cover	1
67	100004105-0006	Oil Dipstick	1
68	100010550	Dowel Pin Ø8 x 14	2
69	100008298	Gear, Governor	1
70	100011269-0003	Flange Bolt M6 x 28	2
71	100052808	Clamp	1
72	100011564-0001	Flange Bolt M6 x 8	3
73	100011262-0003	Flange Bolt M6 x 14, GB5789	4
74	100011215-0001	Flange Bolt M6 x 12	2
75	100086510	Air Guide, Engine Fan	1
76	100007840	Spring, Governor	1

## CYLINDER HEAD DIAGRAM

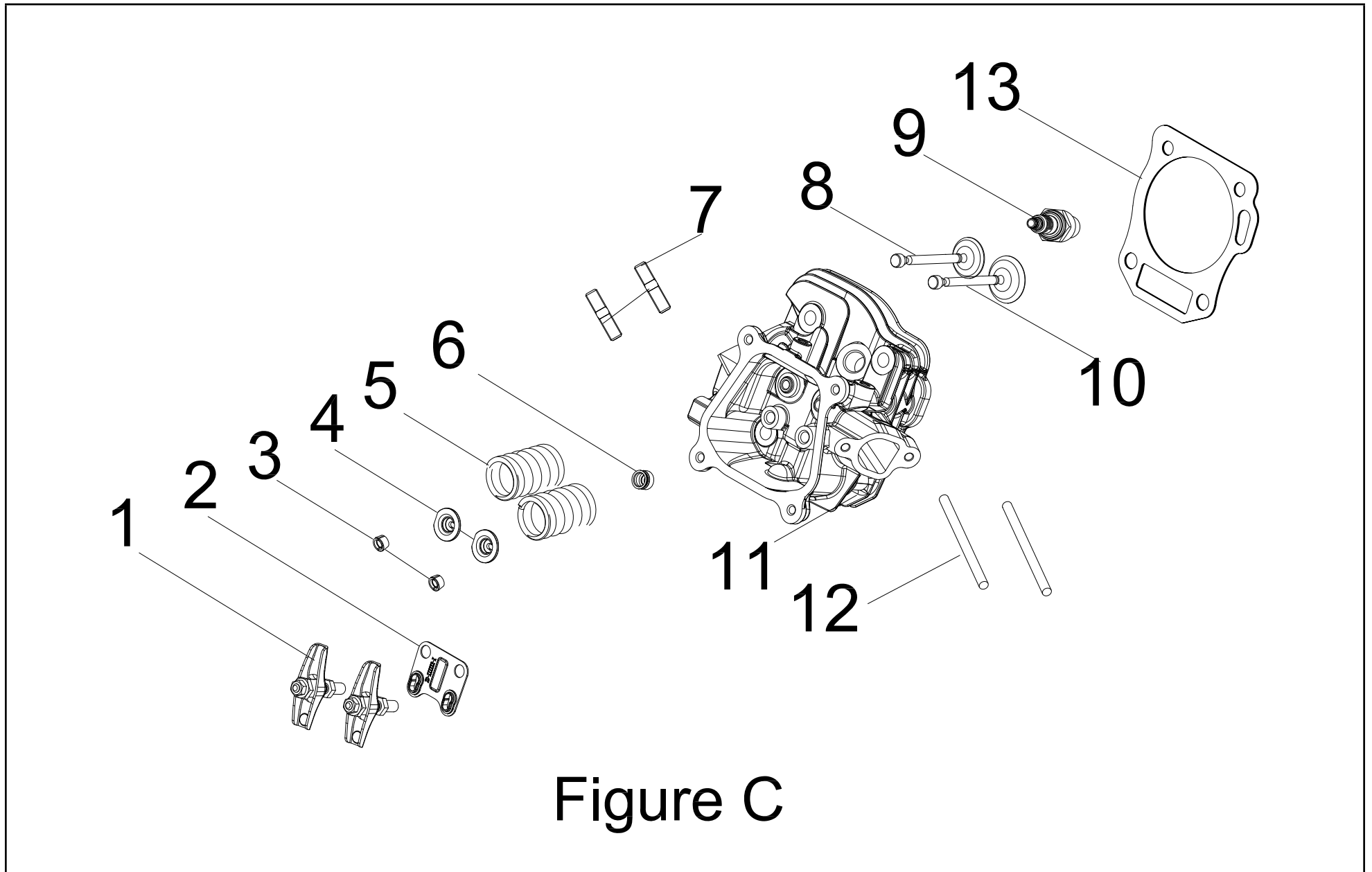


Figure C



**CYLINDER HEAD PART LIST**

#	Part Number	Description	Qty.
1	100149239	Rocker Arm Assembly	2
2	100050881	Guide Plate, Push Rod	1
3	100050896	Valve Collet	4
4	100073758	Valve Spring Seat, Upper	2
5	100713979	Spring Valve	2
6	100004599	Oil Seal, Intake Valve	1
7	100010389	Stud Bolt M8 x 35	2
8	100713981	Exhaust Valve	1
9	100009378	Spark Plug F6RTC	1
10	100713980	Intake Valve	1
11	100716398	Cylinder Head	1
12	100010354	Stud Bolt M6 x 96	2
13	100155656	Gasket, Cylinder Head	1

# CARBURETOR DIAGRAM

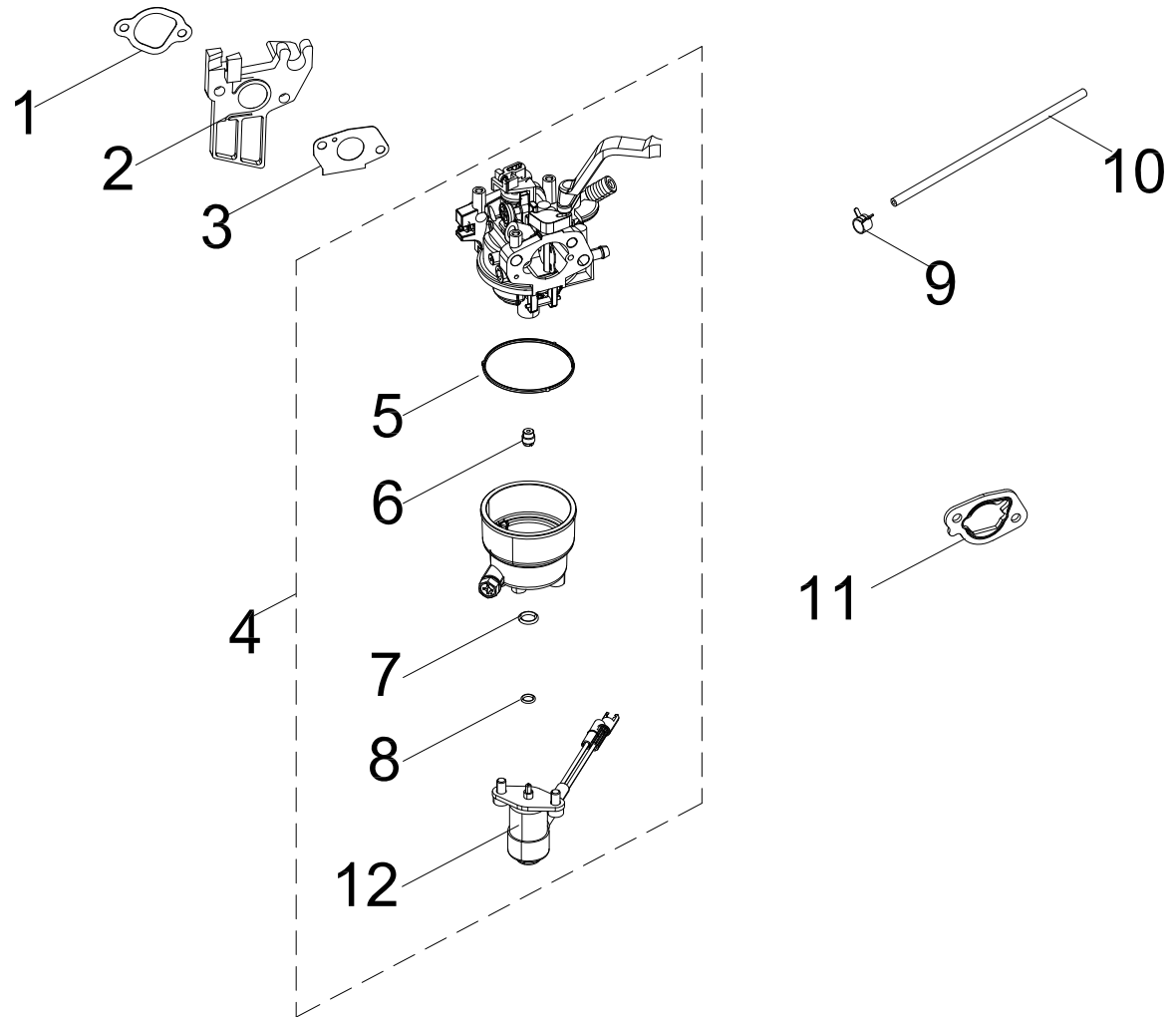


Figure D

**CARBURETOR PART LIST**

#	Part Number	Description	Qty.
1	100078607	Gasket, Insulator	1
2	100005599	Insulator, Carburetor	1
3	100078606	Gasket 1, Carburetor	1
4	100718260-0001	Carburetor	1
5	100005717	Fuel Bowl O-Ring	1
6	100005767	Main Jet Standard	1
	100005754	Main Jet Altitude 1000-3000m	/
7	100130186	O-Ring, Solenoid Valve Base	1
8	100130185	O-Ring, Solenoid Valve	1
9	100005138	Clamp Ø 9.5 x 8	1
10	100066268	Fuel Tube, Ø4 x Ø10 x 400	1
11	100005629	Gasket 2, Carburetor	1
12	100718072	Solenoid Valve	1

# ALTERNATOR DIAGRAM

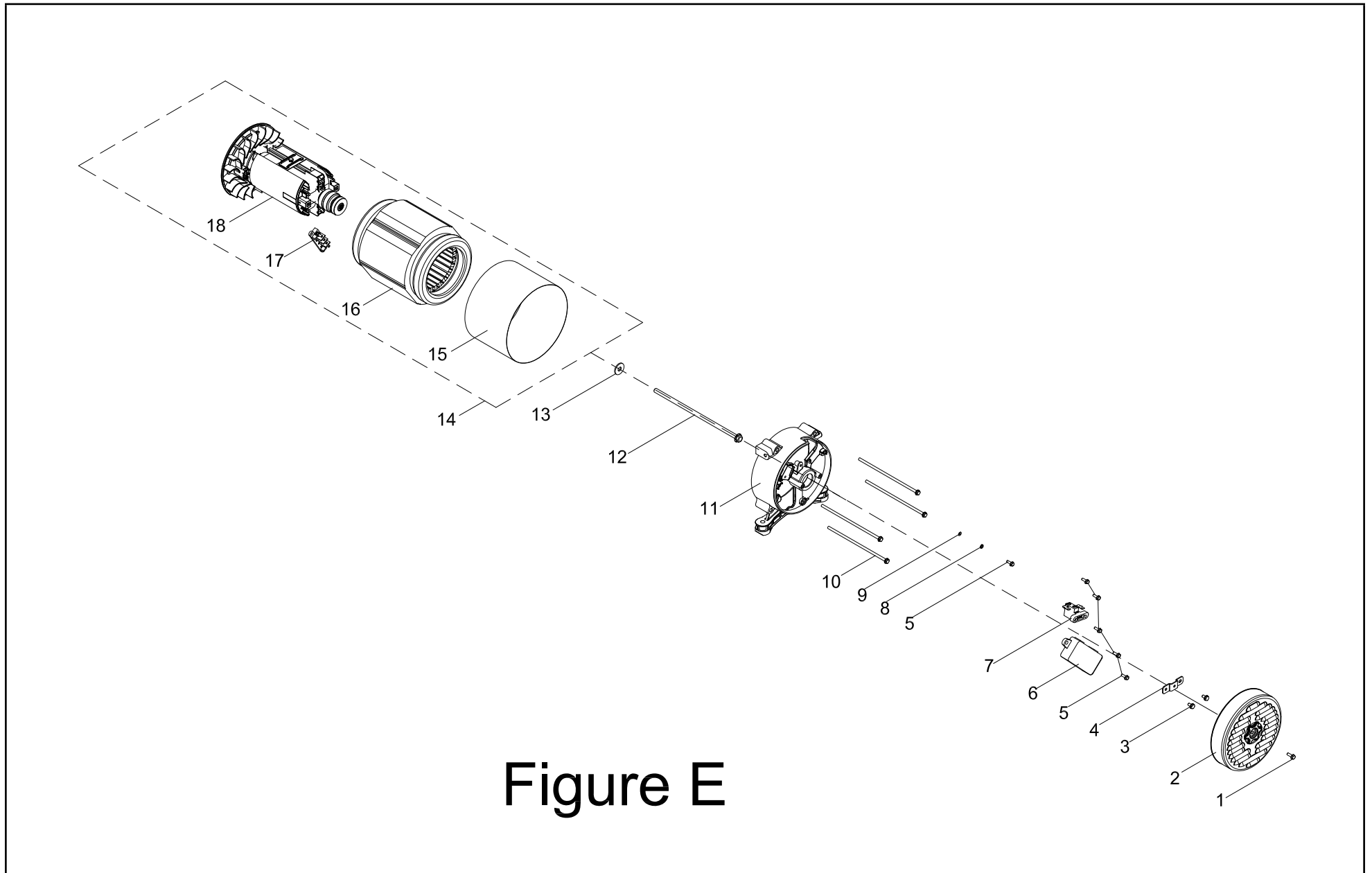


Figure E

**ALTERNATOR PART LIST**

#	Part Number	Description	Qty.
1	100011527-0004	Flange Bolt M6 x 8	1
2	100717500-0001	Cover, End Housing, Yellow	1
3	100011250-0002	Flange Bolt M5 x 14	2
4	100722067	Bracket, End Cover Mounting	1
5	100011252-0001	Flange Bolt M5 x 18	6
6	100018603	AVR	1
7	100018592	Carbon Brush Assembly	1
8	100010885-0004	Spring Washer Ø5	1
9	100010919-0002	Flat Washer Ø5	1
10	100011299-0001	Flange Bolt M6 x 175	4
11	100018567	End Housing	1
12	100148753-0001	Flange Bolt M8 x 1 x 230	1
13	100010899-0002	Washer Ø8	1
14	100732013	Alternator Assembly, Al, Ø160 x 130 mm	1
15	100161949	Stator Cover, 122.5 mm	1
16	100733245	Stator Assembly, Al, Ø160 x 130 mm	1
17	100018701	Terminal Block	1
18	100724819	Rotor Assembly, Al, Ø95 x130mm	1

## FUEL TANK DIAGRAM

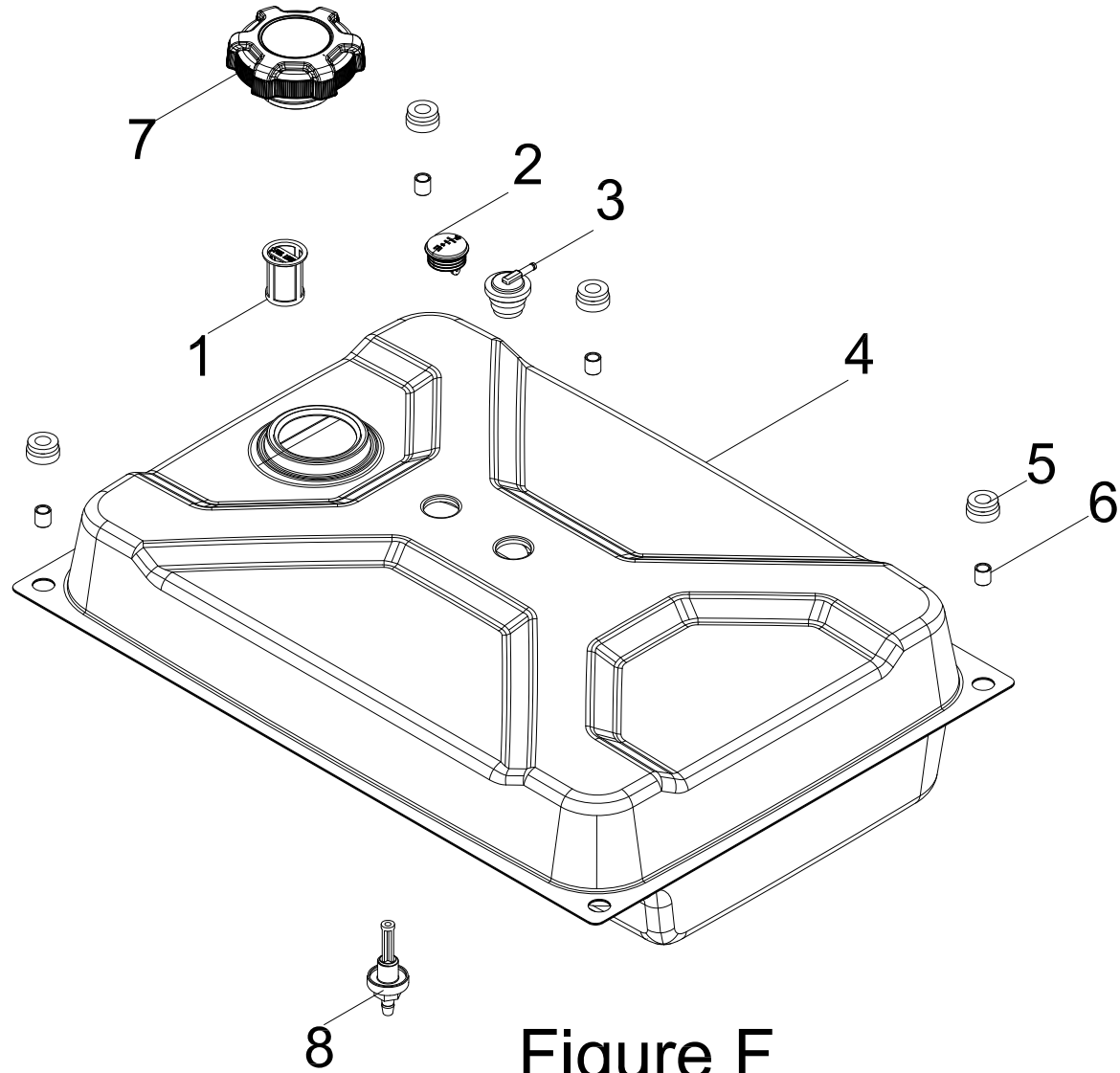


Figure F

**FUEL TANK PART LIST**

#	Part Number	Description	Qty.
1	100098838	Fuel Filter	1
2	100726883	Fuel Gauge	1
3	100720340	Reversal Valve	1
4	100724734-0001	Fuel Tank, 17.7 L, Yellow	1
5	100032369	Vibration Mounting, Fuel Tank	4
6	100021118	Bushing, Ø12 x Ø9 x 13	4
7	100142004	Fuel Tank Cap	1
8	100714546	Fitting, Fuel Outlet with Filter	1

## CONTROL PANEL DIAGRAM

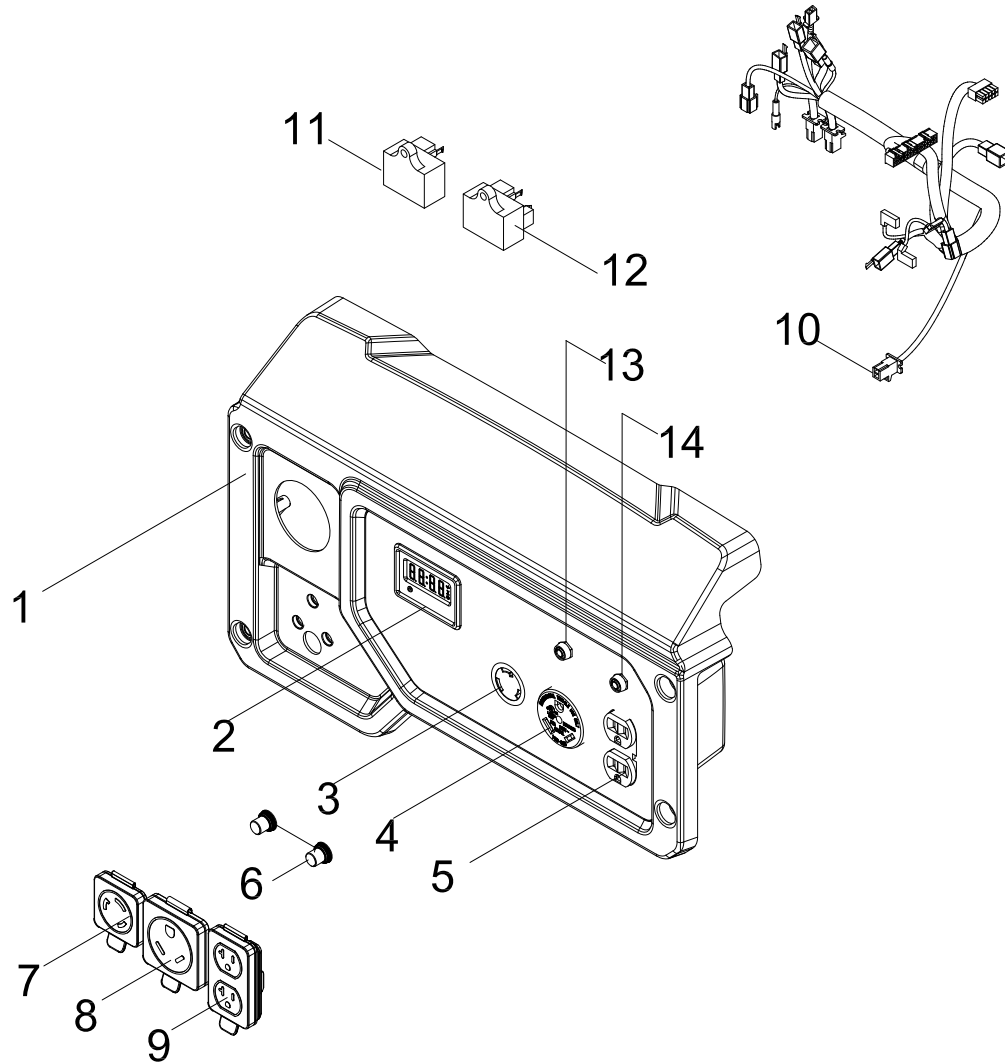


Figure G



**CONTROL PANEL PART LIST**

#	Part Number	Description	Qty.
1	100724732	Control Panel Housing	1
2	100727009	Intelligauge, INT1AOF	1
3	100020005	Receptacle L5-30R	1
4	100020008	Receptacle TT-30R	1
5	100020029	Receptacle 5-20R, Duplex	1
6	100120180	Cover, Circuit Breaker	2
7	100731573	Cover, L5-30R Receptacle	1
8	100731572	Cover, TT-30R Receptacle	1
9	100731575	Cover, 5-20R, Duplex Receptacle	1
10	100724629	Wire Harness	1
11	100721216	Controller Module, Solenoid Valve	1
12	100728387	OVF Moudle	1
13	100019750	30Amp Circuit Breaker, Push Button	1
14	100019754	20Amp Circuit Breaker, Push Button	1

# FRAME PART DIAGRAM

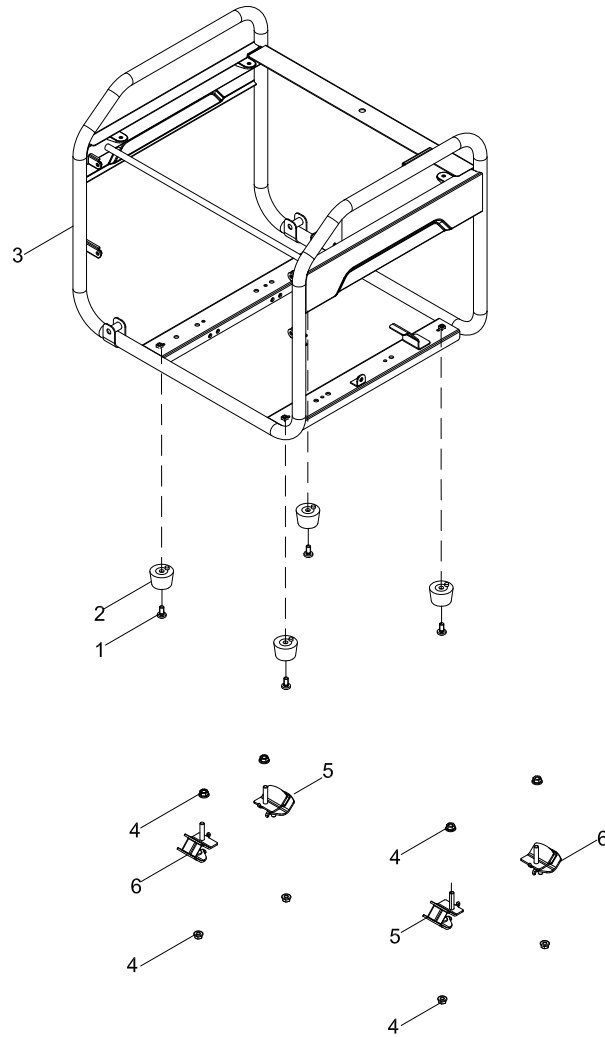


Figure H

**FRAME PART PART LIST**

#	Part Number	Description	Qty.
1	100010964-0002	Screw M6 x 12	4
2	100022335	Foot, Frame Damping	4
3	100719454-0001	Frame, 25mm, 595 x 500 x 499	1
4	100011453-0003	Lock Nut M8, Flange	8
5	100020986-0001	Vibration Mount 2	2
6	100021000-0001	Vibration Mount 1	2

# WIRING DIAGRAM

