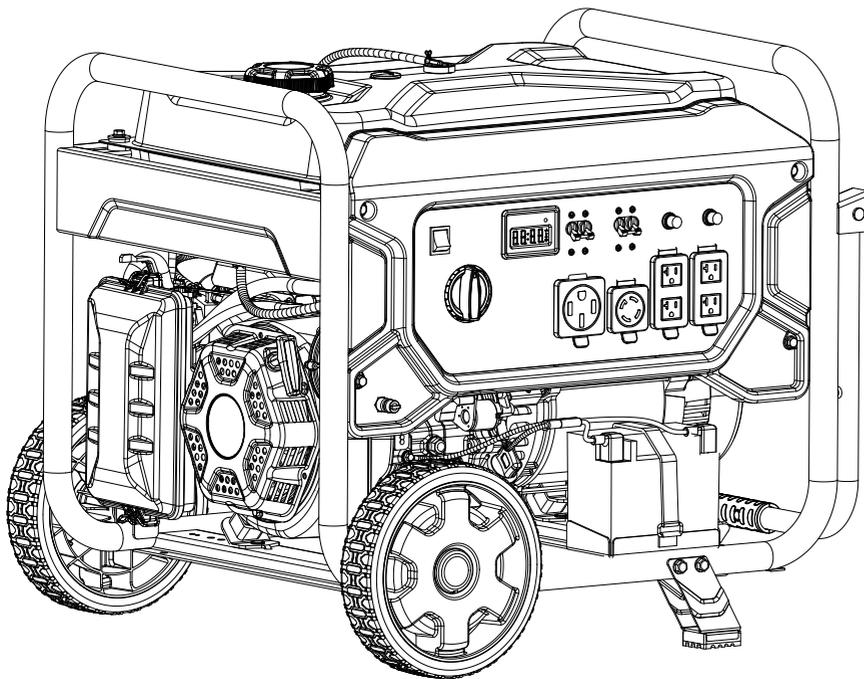




Champion Power Equipment, Inc.

**MODEL #201568**



## **PARTS INFORMATION**

**8000W DUAL FUEL ELECTRIC START GENERATOR**

**SERIAL NUMBER RANGE: ALL**



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

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# GENERATOR PARTS DIAGRAM

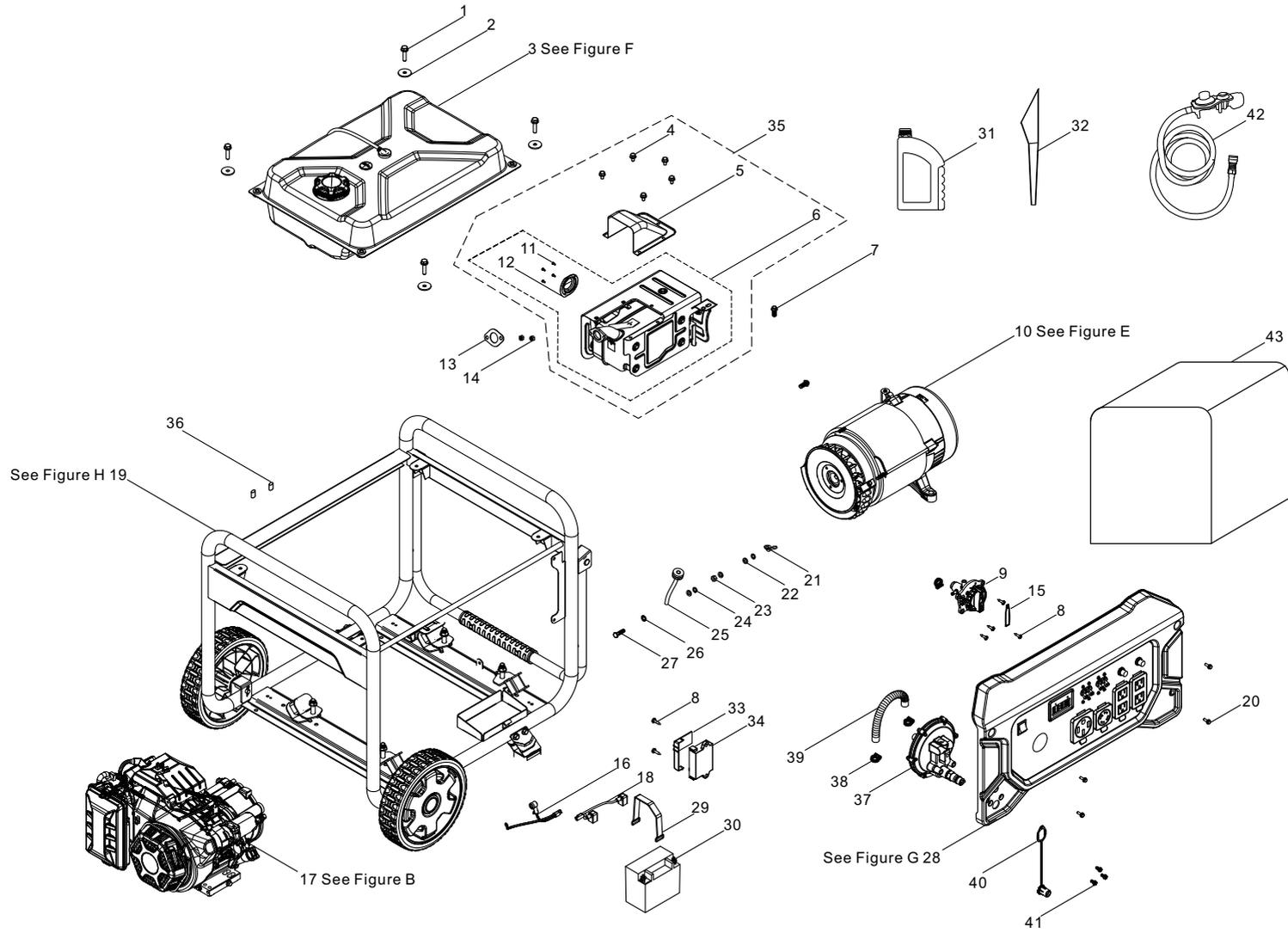


Figure A

**GENERATOR PARTS LIST**

#	Part Number	Description	Qty.
1	90007-000024	Hex Flange Bolt, M6 x 25, Blk Zn	4
2	90408-000008	Flat Washer, Ø6, Blk Zn	4
3	96104-Y16620-0037	Fuel Tank Assy - See Figure F	1
4	90007-000008	Hex Flange Bolt, M6 x 12, Blk Zn	5
5	80019-000001	Guide Hood, Muffler	1
6	18100-000057	Muffler Assy	1
7	90001-000041	Hex Flange Bolt, M8 x 16, Blk Zn	2
8	90124-000003	Tapping Screw, PT5×16	6
9	16750-000027	Fuel Valve Assy	1
10	96114-Y31300-0028	Alternator Assy - See Figure E	1
11	90139-000001	Hex Flange Bolt, M5 x 10, White Zn	4
12	18250-000005	Spark Arrestor	1
13	18001-000004	Gasket, Exhaust Outlet	1
14	90303-000005	Hex Nut, M8, Blk Zn	2
15	82007-000005	Decorative Covers PMS 109C	1
16	31114-000007	DC Wire Harness, Engine	1
17	96100-420DV000-02	Engine - See Figure B	1
18	31112-000015	DC Wire Harness, Battery	1
19	96103-Y51100-0044	Frame Assy - See Figure H	1
20	90007-000012	Hex Flange Bolt, M6 x 16, Blk Zn	4
21	90312-000001	Wing Nut, M6, Blk Zn	1
22	90408-000006	Flat Washer, Ø6, Blk Zn	3
23	90303-000003	Flange Nut, M6, Blk Zn	1
24	90403-000003	Spring Washer, Ø6, Blk Zn	2
25	30009-000030	Grounding Wire	1
26	90415-000001	Lock Washer, Ø6, Toothed, Blk Zn	1
27	90001-000027	Hex Flange Bolt, M6 x 25, Blk Zn	1
28	35610-000198	Control Panel Assy - See Figure G	1
29	31115-000002	Battery Band, 220 x 20 x 3.5	1
30	31110-000004	Battery, 12V/14Ah, 150 x 85 x 130	1

#	Part Number	Description	Qty.
31	15300-000007	Bottle of Engine Oil	1
32	93106-000002	Oil Funnel	1
33	30351-000003	Cover, CO Alarm	1
34	35720-000001	CO Alarm	1
35	96117-Y18100-0004	Muffler	1
36	90698-000001	Protective Rubber Sleeve, Ø8.5	2
37	77100-000023	LPG Regulator	1
38	90748-000002	Clamp, 10-16	3
39	90729-000005	Vent Hose, Ø9.5 x Ø16.8 x 250	1
40	16287-000001	Dust Cap	1
41	90134-000001	Bolt, Cross Hex Pan Head, M5 x 12	3
42	77300-000003	LPG Hose with Regulator	1
43	94026-000004	Cover, C90016	1

# ENGINE PARTS DIAGRAM

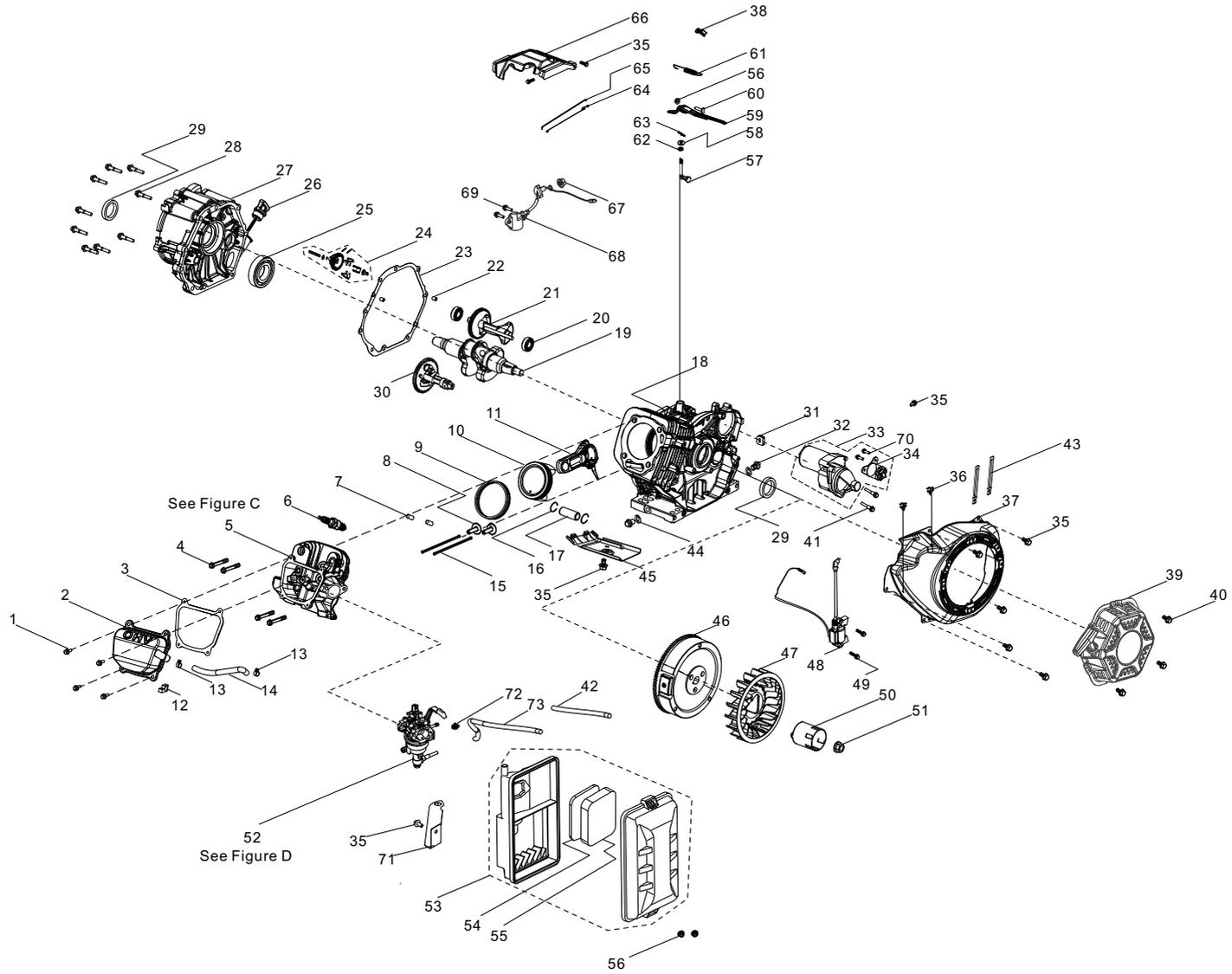


Figure B

**ENGINE PARTS LIST**

#	Part Number	Description	Qty.
1	90001-000018	Hex Flange Bolt, M6 x 12, White Zn	4
2	12410-000019	Cylinder Head Cover, White Zn	1
3	12004-000021	Cylinder Head Cover Gasket	1
4	12003-000004	Cylinder Head Bolt, M10 x 80, White Zn	4
5	96101-Z120410-0036	Cylinder Head Assy - See Figure C	1
6	30010-000001	Spark Plug, M14 x 1.25 x 81, F6RTC	1
7	90502-000008	Pin, Ø12 x 20	2
8	14081-000003	Valve Tappet, Ø26 x Ø9 x Ø40.5 x SR3	2
9	13200-000005	Piston Ring Assy	1
10	13111-000003	Piston	1
11	13010-000004	Connecting Rod, Ø36 x Ø20 x 112.3	1
12	90804-000001	Stop Block	1
13	90685-000014	Clamp, Ø16 x 1.6, White Zn	2
14	17004-000008	Tube, Breather, Ø12 x Ø16 x 108	1
15	14070-000002	Valve Lifter, Ø6 x Ø5 x 190	2
16	13122-000002	Piston Pin Clip, Ø20.5 x Ø1	2
17	13121-000004	Piston Pin, Ø20 x Ø14.75 x 62	1
18	11310-000038	Crankcase Assy	1
19	13300-000043	Crankshaft Assy	1
20	90548-000002	Bearing, 6202	2
21	13400-000001	Balancing Shaft	1
22	90502-000002	Pin, Ø8 x 12	2
23	11001-000003	Crankcase Gasket	1
24	16400-000004	Governor Gear Assy	1
25	90547-000009	Bearing, 6207	1
26	15010-000008	Oil Dipstick	1
27	11411-000005	Crankcase Cover	1
28	90001-000051	Hex Flange Bolt, M8 x 40, Blk Zn	9
29	90682-000011	Oil Seal, Ø52 x Ø35 x 7	2
30	14200-000032	Camshaft Assy	1

#	Part Number	Description	Qty.
31	28101-000001	Plug, Rubber	1
32	11007-000004	Drain Plug Bolt, M12 x 1.5 x 18, Blk Zn	2
33	09100-000002	Starter Motor	1
34	30500-000001	Starting relay, Starter Motor	1
35	90001-000019	Hex Flange Bolt, M6 x 12, Blk Zn	10
36	90685-000017	Clamp, White Zn	2
37	28110-000010	Engine Fan Cover, Cooling Fan, PMS 109C	1
38	16011-000001	Clip, Choke Rod	1
39	28200-000023	Recoil Starter Assy	1
40	90251-000001	Bolts & Washer, M6 x 8, Blk Zn	3
41	90001-000049	Hex Flange Bolt, M8 x 35, White Zn	2
42	30431-000019	Rubber Sleeve, Ø13 x Ø11.5 x 180	1
43	90684-000001	Clip, Ø6 x 10.6 x 130	2
44	90412-000003	Washer, Ø21 x Ø12 x 2	2
45	19304-000004	Cylinder Body Shroud, White Zn	1
46	13510-000028	Flywheel Assy	1
47	19352-000008	Cooling Fan, Engine	1
48	30400-000027	Ignition Coil	1
49	90001-000028	Hex Flange Bolt, M6 x 28, White Zn	2
50	28002-000006	Starter Pulley, White Zn	1
51	13501-000002	Flywheel Nut, M16 x 1.5, White Zn	1
52	96105-Z16100-0045	Carburetor Assy - See Figure D	1
53	17100-000034	Air Cleaner Assy	1
54	17151-000002	Element 1, Air Cleaner	1
55	17151-000001	Element 2, Air Cleaner	1
56	90305-000008	Hex Flange Nut, M6, Blk Zn	3
57	16061-000004	Governor Arm	1
58	90412-000004	Washer, Ø8.4 x Ø19.5 x 0.8	1
59	16070-000004	Governor Support Assy, White Zn	1
60	16072-000003	Governor Support Bolt, M6 x 1 x 24, White Zn	1

#	Part Number	Description	Qty.
61	16063-000028	Spring, Governor, Ø7.5 x Ø1.5 x 130	1
62	90682-000007	Oil Seal, Ø14 x Ø8 x 4	1
63	90501-000005	Pin, Governor Arm, White Zn	1
64	16012-000003	Throttle Valve Returning Spring, Ø5.3 x Ø0.4 x 215	1
65	16062-000006	Governor Rod, White Zn, Ø2.2 x 236.5	1
66	16520-000028	Air Guide, Engine Fan, White Zn	1
67	90305-000015	Hex Flange Nut, M10, Blk Zn	1
68	37060-000006	Engine oil Sensor	1
69	90001-000022	Hex Flange Bolt, M6 x 16, White Zn	2
70	90001-000007	Hex Flange Bolt, M5 x 16, White Zn	2
71	17003-000004	Air Cleaner Support	1
72	90748-000002	Clamp, 10-16	1
73	90729-000028	Vent Hose, Ø9.5 x Ø16.8 x 410	1

# CYLINDER HEAD PARTS DIAGRAM

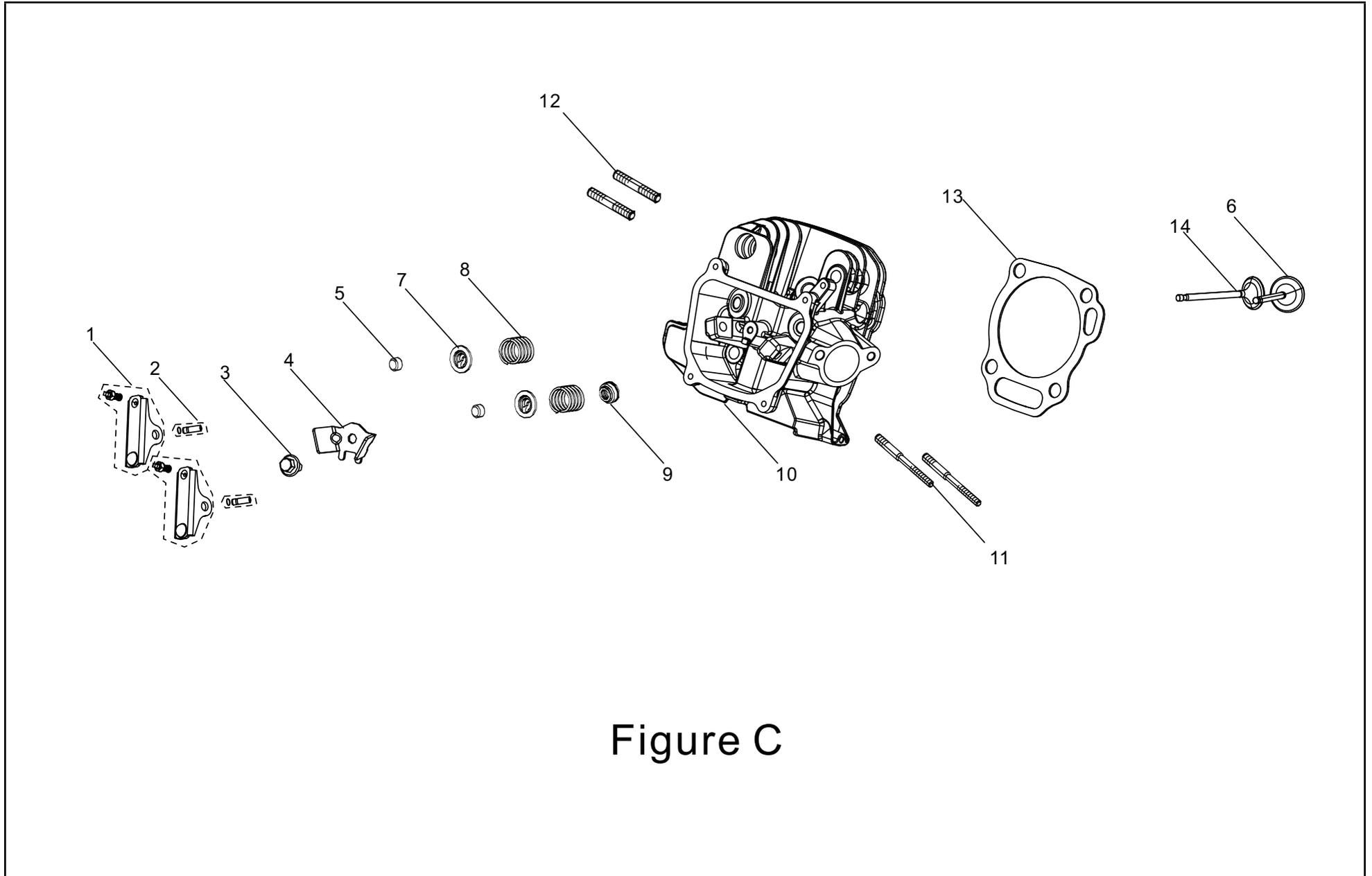


Figure C

**CYLINDER HEAD PARTS LIST**

#	Part Number	Description	Qty.
1	14310-000003	Valve Rocker Arm	2
2	14318-000006	Rocker Arm Shaft Assy	2
3	90001-000019	Hex Flange Bolt, M6 x 12, Blk Zn	1
4	12419-000002	Pin Limit Plate, Cylinder Head	1
5	12104-000001	Lash Cap, Valve, Ø5.6 × Ø8.5 × 5.2	2
6	12111-000019	Intake Valve	1
7	12107-000001	Valve Spring Retainer	2
8	12103-000009	Valve Spring, Ø19.1 × Ø2.5 × 38	2
9	12101-000005	Valve Seal Guide	1
10	12140-000040	Cylinder Head	1
11	90204-000011	Stud, M6/M8 x 110, Blk Zn	2
12	90203-000001	Stud, M8 x 34, Blk Zn	2
13	12131-000005	Cylinder Head Gasket	1
14	12121-000020	Exhaust Valve	1

# CARBURETOR PARTS DIAGRAM

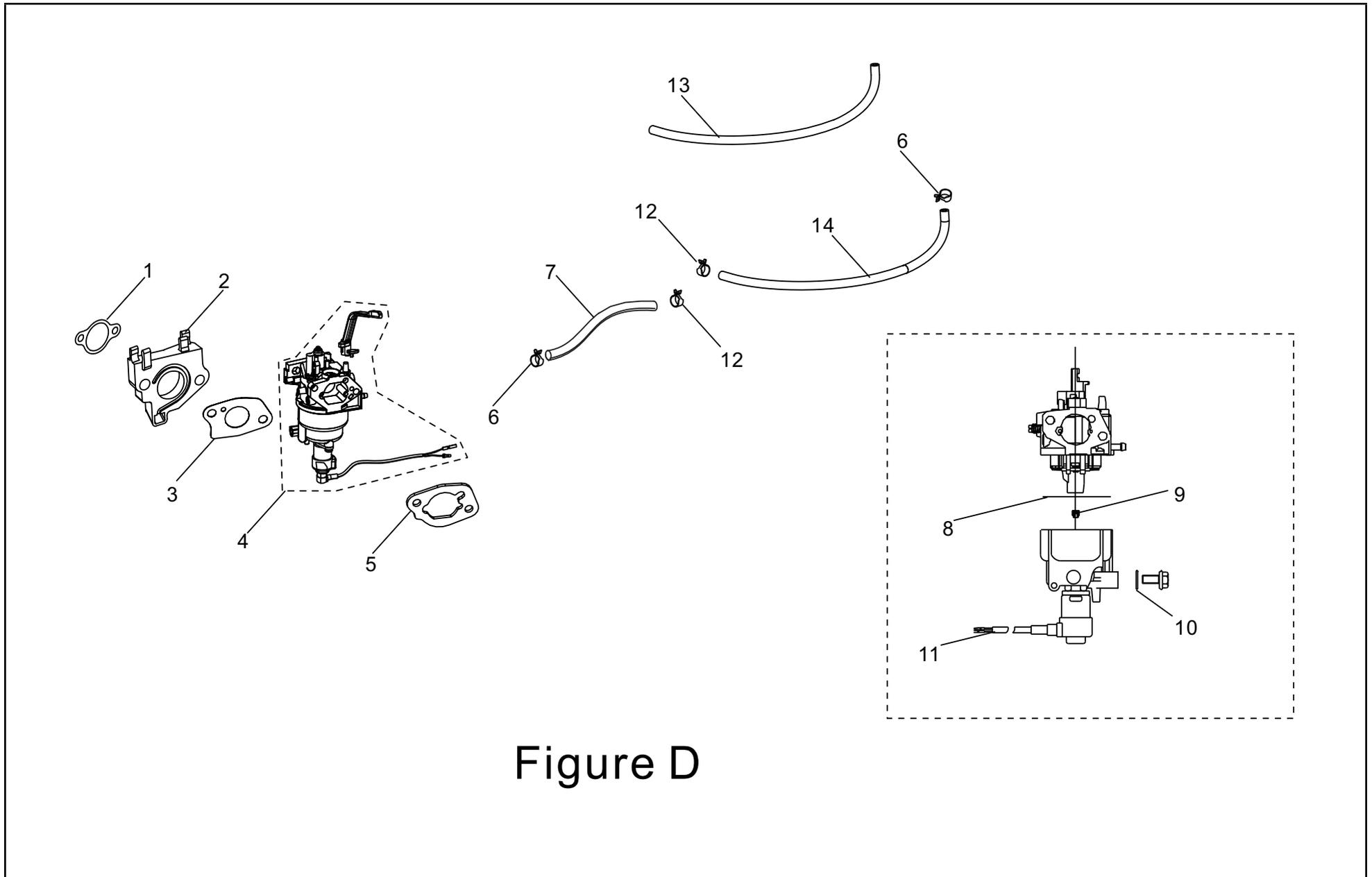


Figure D

**CARBURETOR PARTS LIST**

#	Part Number	Description	Qty.
1	17002-000004	Gasket, Inlet	1
2	16003-000005	Carburetor Insulator Plate	1
3	16001-000003	Carburetor Gasket	1
4	16100-000095	Carburetor	1
5	17001-000004	Air Cleaner Gasket	1
6	90685-000002	Clamp, Ø9 x 0.8 x 8, Dacromet	2
7	90686-000042	Fuel Tube, Ø4 x Ø10 x 490	1
8	16112-000003	Seal Ring, Float, Ø54 x Ø57	1
9	16161-000039	Main Jet(94#), Standard	1
	16161-000038	Main Jet(92#), Altitude 3000-6000 Feet	/
	16161-000114	Main Jet(90#), Altitude 6000-8000 Feet	/
10	90681-000003	Seal Ring	1
11	16108-000002	Valve, Solenoid	1
12	90685-000007	Clamp, Ø9.5 x 0.8 x 8, Dacromet	2
13	30431-000019	Rubber Sleeve, Ø11.5 x Ø13 x 180	1
14	90686-000074	Fuel Tube, Ø4 x Ø10 x 300	1

# ALTERNATOR PARTS DIAGRAM

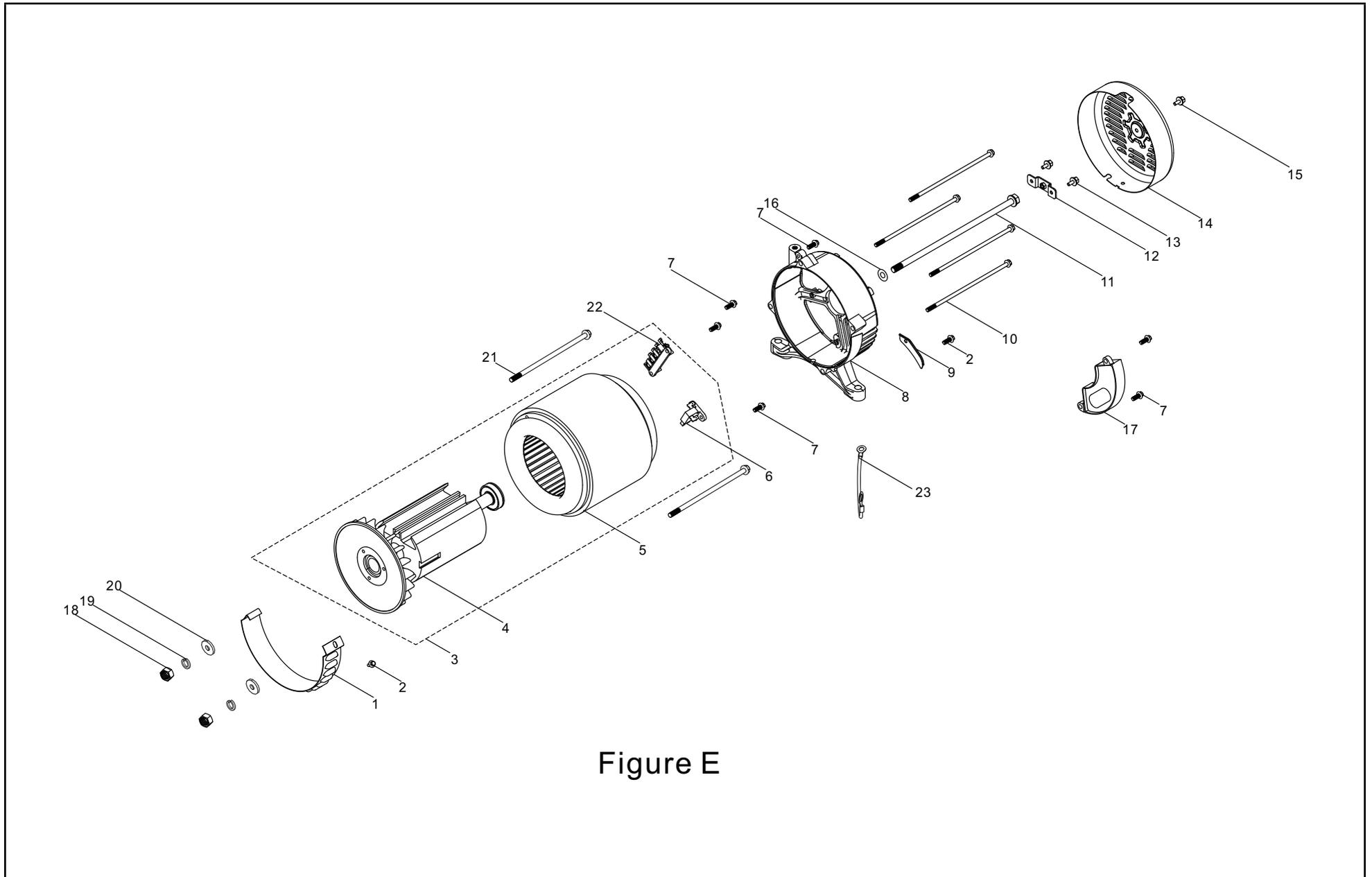


Figure E

**ALTERNATOR PARTS LIST**

#	Part Number	Description	Qty.
1	30024-000003	Shroud, Alternator	1
2	90001-000001	Hex Flange Bolt, M5 x 10, White Zn	2
3	31300-000043	Alternator Assy, AL, Ø190 x 158	1
4	31330-000020	Rotor, AL, Ø190 x 158	1
5	31310-000033	Stator, AL, Ø190 x 158	1
6	31320-000006	Carbon Brush Assy	1
7	90001-000007	Hex Flange Bolt, M5 x 16, White Zn	5
8	30021-000005	Bracket, Motor	1
9	30023-000007	Stopper, Motor Right Cover, White Zn	1
10	30048-000004	Bolt, M6 x 199, Stator	4
11	30049-000004	Bolt, M10 x1.25x285, Rotor	1
12	51124-000010	Mounting Bracket, White Zn	1
13	90007-000003	Hex Flange Bolt, M5 x 12, Blk Zn	2
14	30022-000014	Cover, End Housing, Yellow	1
15	90001-000019	Hex Flange Bolt, M6 x 12, Blk Zn	1
16	90408-000011	Flat Washer, Ø10.4 x Ø30 x 4, White Zn	1
17	30060-000018	AVR	1
18	90303-000001	Hex Nut, M5, White Zn	2
19	90403-000002	Standard Spring Washer, Ø5, Blk Zn	2
20	90408-000003	Flat Washer, Ø5, White Zn	2
21	31316-000001	Stator Fixing Bolt, M5 x 235	2
22	31303-000002	Terminal Block	1
23	30009-000031	Grounding Wire	1

# FUEL TANK PARTS DIAGRAM

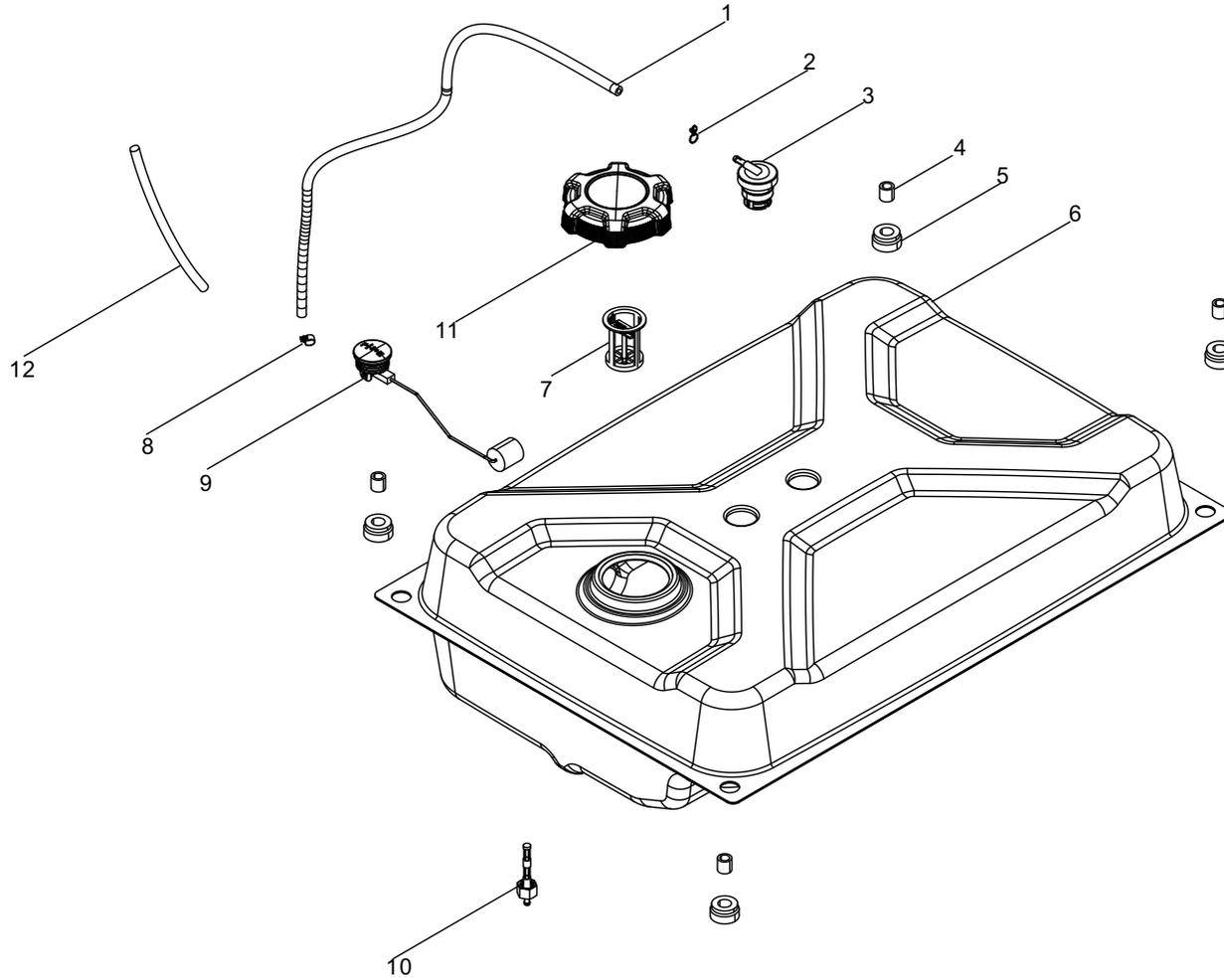


Figure F

**FUEL TANK PARTS LIST**

#	Part Number	Description	Qty.
1	16804-000030	Connection Tube, Ø4.5 x Ø8.5 x 820	1
2	90740-000005	Clamp, Ø9 x 1	1
3	15150-000003	Anti-Slosh Valve	1
4	90683-000001	Bushing	4
5	16601-000001	Vibration Mount, Fuel Tank, 12.5x Ø16	4
6	16620-000015	Fuel Tank, 29.1L, RT2910A	1
7	16652-000009	Fuel Filter, 44x Ø38.5	1
8	90685-000002	Clamp, Ø9 x 0.8 x 8, Dacromet	1
9	37200-000010	Fuel Gauge	1
10	16680-000005	Fuel Valve Assy	1
11	16730-000010	Fuel Tank Cap	1
12	30431-000001	Rubber Sleeve, Ø9.5 x Ø11 x 60	1

# CONTROL PANEL PARTS DIAGRAM

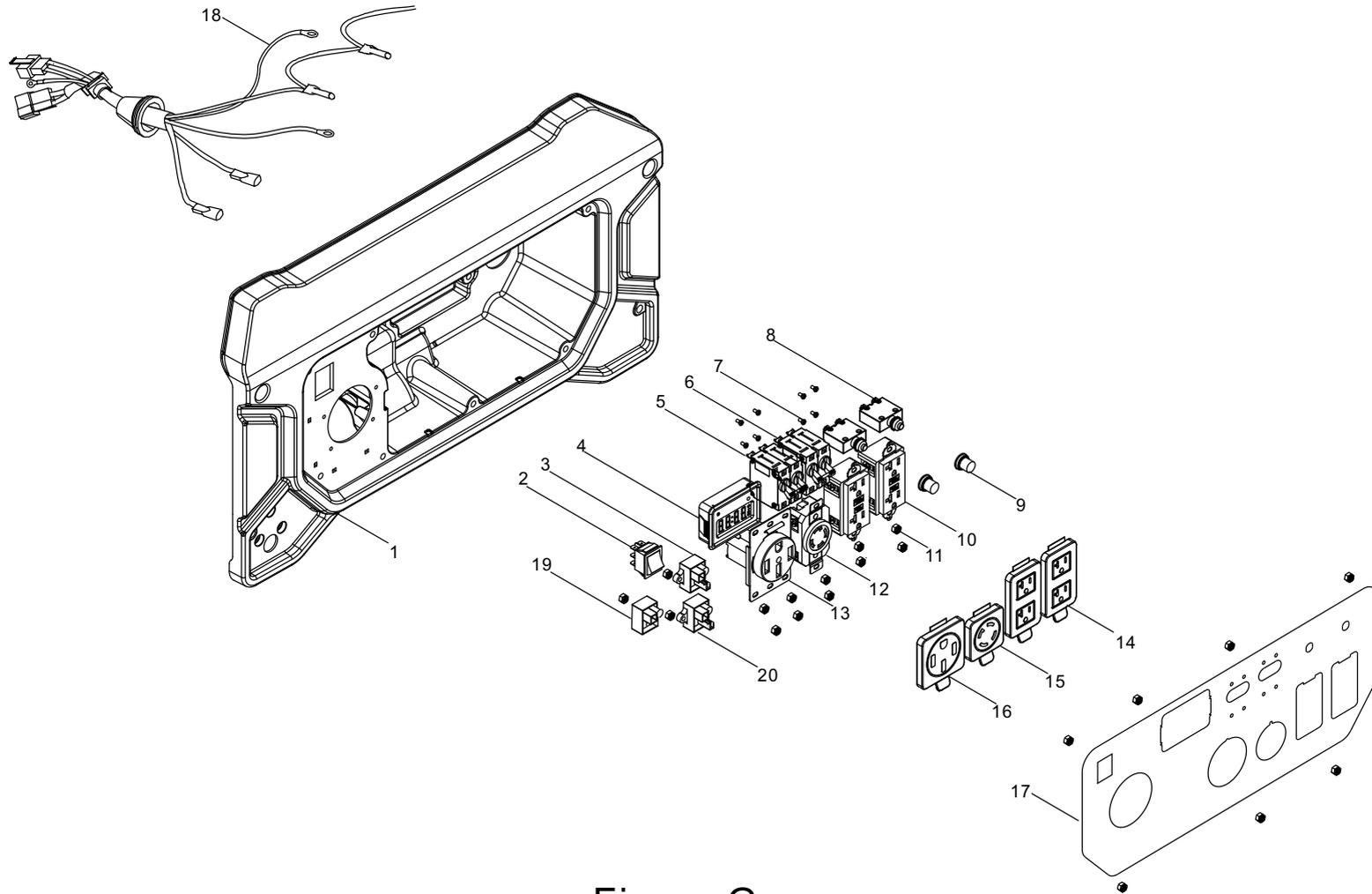


Figure G

**CONTROL PANEL PARTS LIST**

#	Part Number	Description	Qty.
1	35680-000037	Seat, Panel	1
2	35160-000011	Switch Assy, Engine	1
3	30007-000009	Charging Module, EC1605	1
4	35632-000012	Display, INT10F	1
5	35627-000007	33Amp Circuit Breaker, 2P Flip	1
6	35627-000001	30Amp Circuit Breaker, 2P Flip	1
7	90103-000017	Screw, M3 x 6, Blk Zn	8
8	31234-000003	20Amp Circuit Breaker, Push Button, 250V	2
9	35654-000005	Cover, Push Button	2
10	35614-000018	5-20R GFCI Receptacle, 20A, 125V	2
11	90305-000016	Hex Flange Nut, M4, White Zn	20
12	35614-000004	L14-30R Receptacle, 30A, 125V/250V	1
13	35614-000012	14-50R Receptacle, 50A, 125V/250V	1
14	35654-000013	Receptacle Cover, 5-20R	2
15	35654-000010	Receptacle Cover, L14-30	1
16	35654-000012	Receptacle Cover, 14-50R	1
17	35650-000075	Control Panel	1
18	35660-000087	Wire Harness, Control Panel	1
19	30008-000004	Control Module, EV10	1
20	30008-000003	Control Module, OV0402	1

# FRAME ASSEMBLY PARTS DIAGRAM

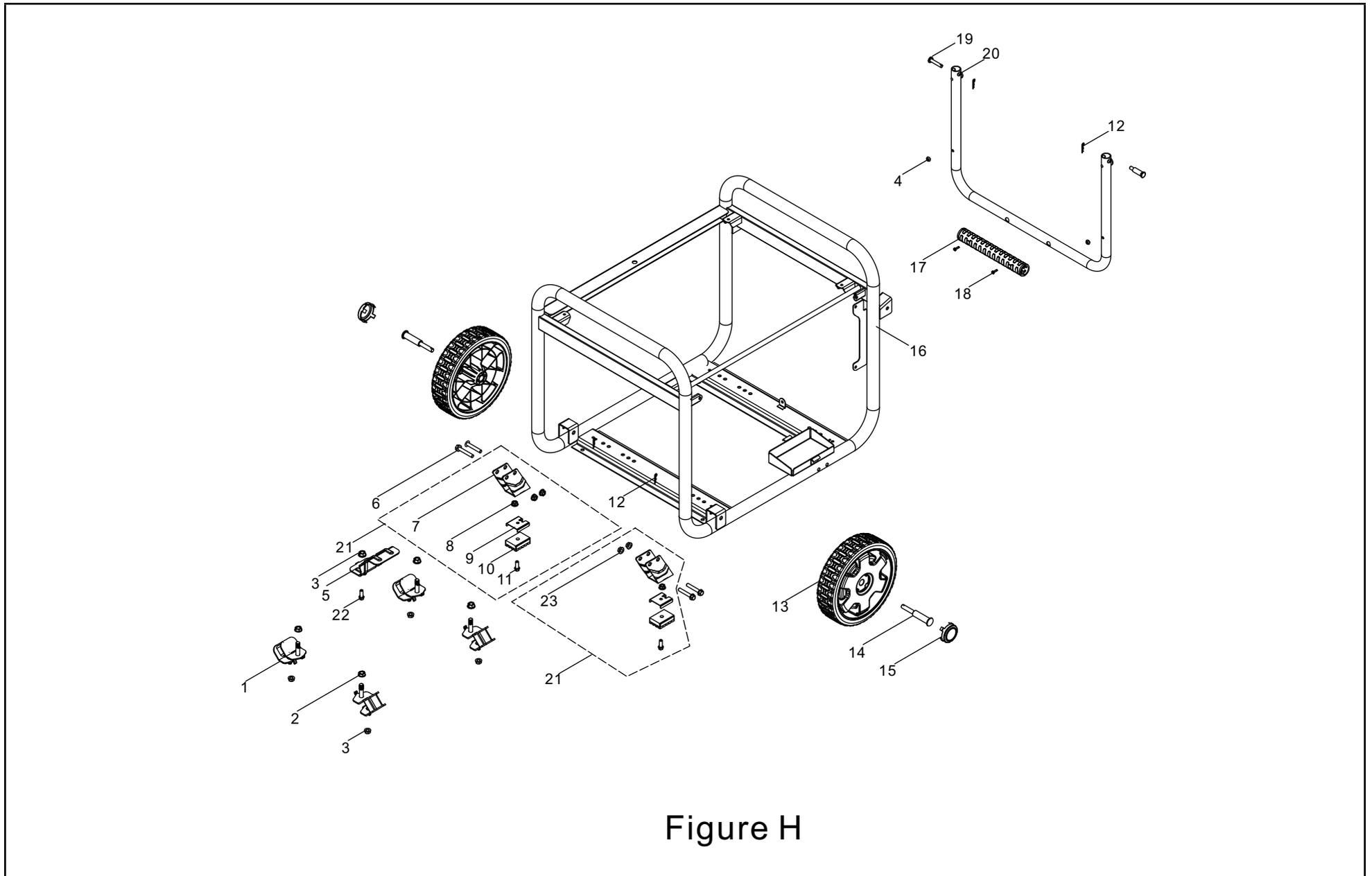
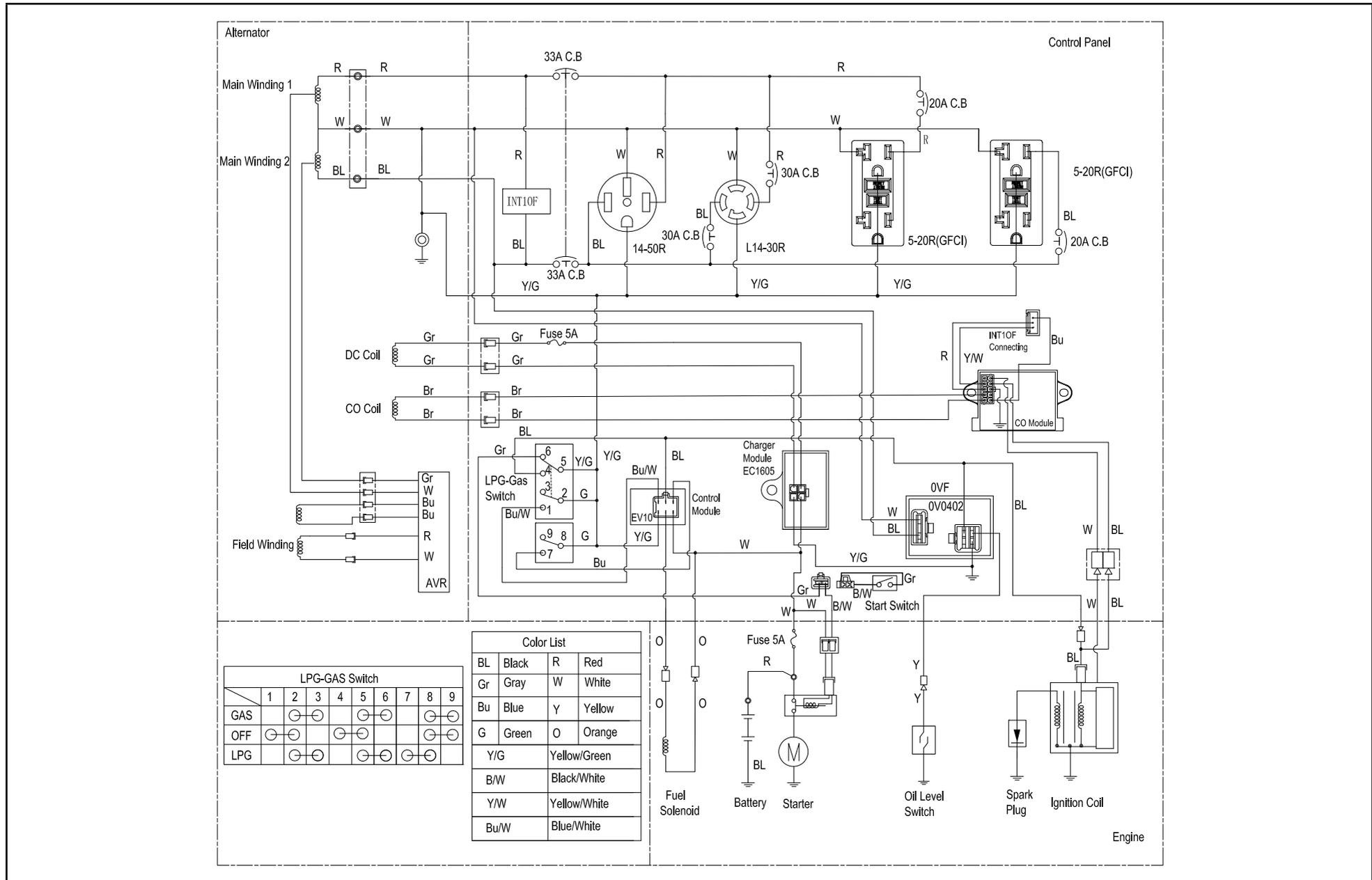


Figure H

**FRAME ASSEMBLY PARTS LIST**

#	Part Number	Description	Qty.
1	51012-000001	Rear Vibration Mount, Frame	4
2	90306-000005	Hex Flange Nut, M10, White Zn	4
3	90305-000011	Hex Flange Nut, M8, Blk Zn	5
4	90722-000006	Plug, End	2
5	24329-000004	Block 1	1
6	90001-000054	Hex Flange Bolt, M8 x 50, Blk Zn	4
7	51016-000011	Support Leg	2
8	90305-000008	Hex Flange Nut, M6, Blk Zn	2
9	24329-000008	Block 2	2
10	51014-000017	Vibration Mount, Support Leg	2
11	90001-000025	Hex Flange Bolt, M6 x 20, Blk Zn	2
12	90583-000001	R Pin, Ø2.0 x 38, Blk Zn	4
13	44110-000008	9.5in. Wheel, Yellow	2
14	44020-000011	Roll Pin, L=103.5, Blk Zn	2
15	44001-000003	Cover, Hub Decorated	2
16	51100-000083	Frame Assy, 678 x 532 x 545	1
17	54101-000006	Handle Sheath, 25 x 233	1
18	90102-000010	Socket Head Screw, M4 x 16, Blk Zn	2
19	90504-000002	Pin Shaft, L=48, Blk Zn	2
20	54110-000022	Handle, Ø8.5 x 29 x 532	1
21	96120-Y00000-0001	Vibration Mount & Support Leg	2
22	90001-000041	Hex Flange Bolt, M8 x 16, Blk Zn	1
23	90305-000011	Hex Flange Nut, M8, Blk Zn	4

# WIRING DIAGRAM



	1	2	3	4	5	6	7	8	9
GAS	○	○			○	○		○	○
OFF	○				○			○	○
LPG	○	○	○	○	○	○	○	○	○

BL	Black	R	Red
Gr	Gray	W	White
Bu	Blue	Y	Yellow
G	Green	O	Orange
Y/G	Yellow/Green		
B/W	Black/White		
Y/W	Yellow/White		
Bu/W	Blue/White		