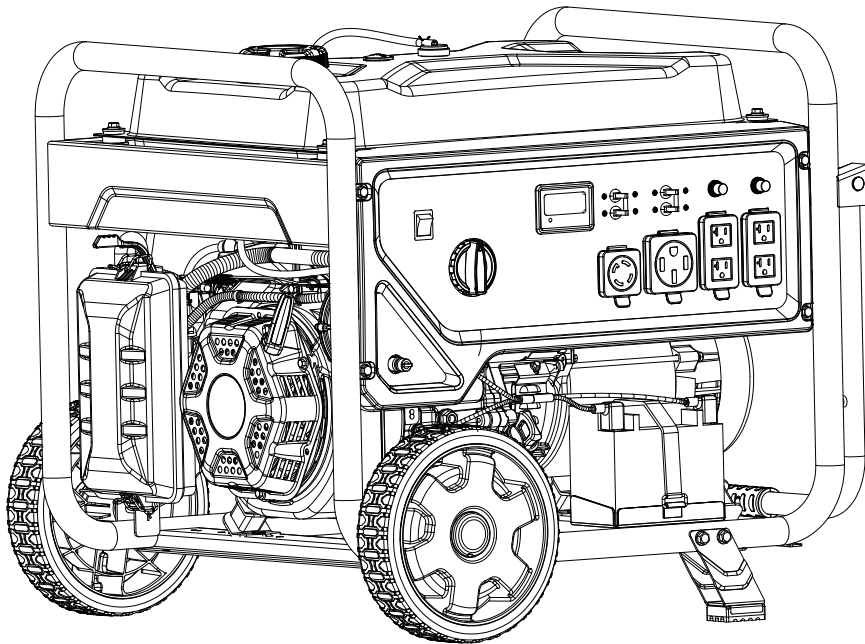


Champion Power Equipment, Inc.

MODEL #201493



PARTS INFORMATION

8500W DUAL FUEL ELECTRIC START GENERATOR

SERIAL NUMBER RANGE: ALL



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

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GENERATOR PARTS DIAGRAM

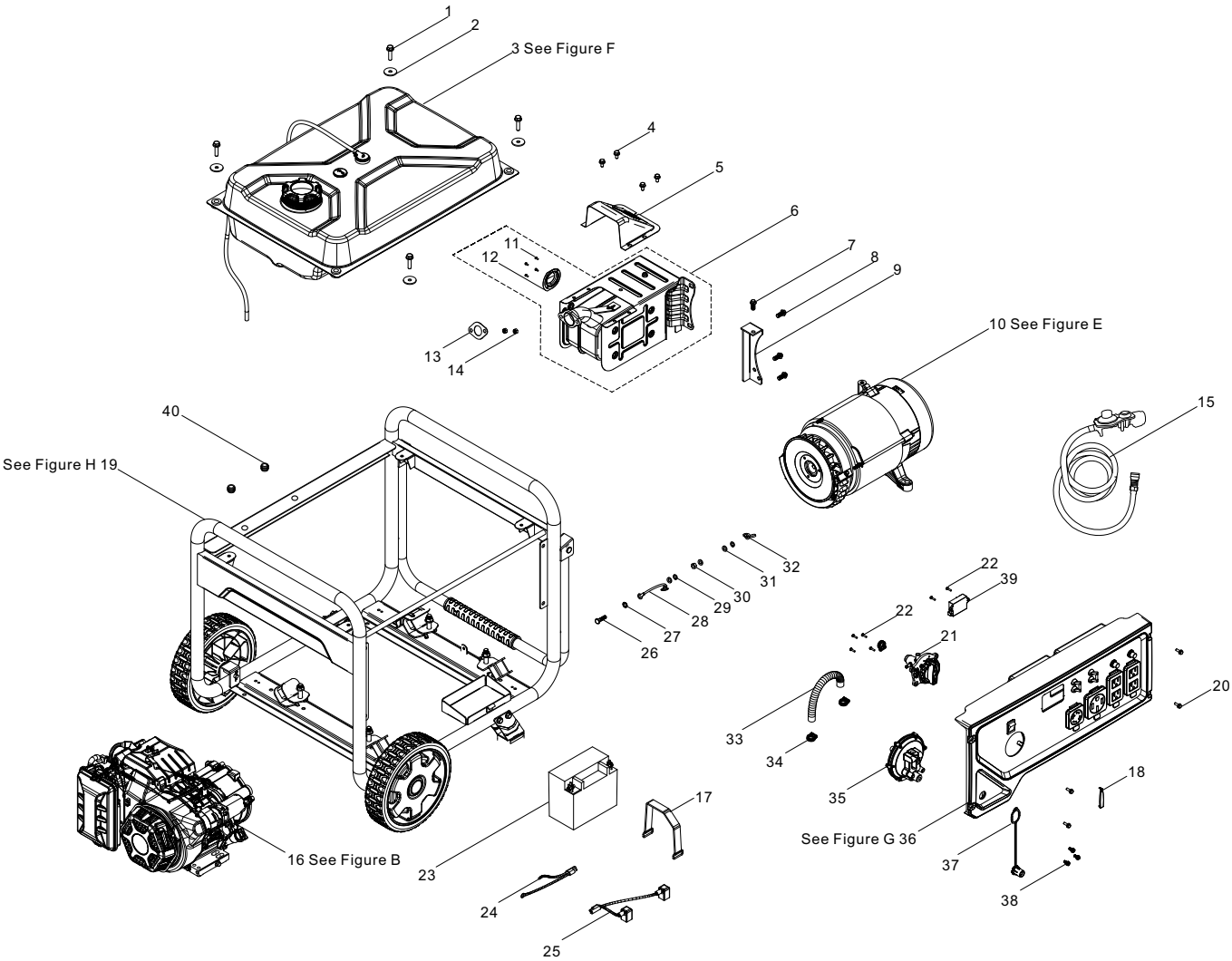


Figure A

GENERATOR PARTS LIST

#	Part Number	Description	Qty.
1	90007-000024	M6 x 25 Hex Flange Bolt, Blk Zn	4
2	90408-000008	Flat Washer, Ø6, Blk Zn	4
3	96104-Y16620-0024	Fuel Tank Assy - See Figure F	1
4	90007-000008	M6 x 12 Hex Flange Bolt, Blk Zn	4
5	80019-000002	Muffler Guide Hood	1
6	18100-000015	Muffler Assy	1
7	90001-000040	M8 x 16 Hex Flange Bolt, White Zn	2
8	90001-000041	M8 x 16 Hex Flange Bolt, Blk Zn	2
9	18030-000007	Muffler Bracket, White Zn	1
10	96114-Y31300-0021	Alternator Assy - See Figure E	1
11	90139-000001	M5 x 10 Hex Flange Bolt, White Zn	4
12	18250-000005	Spark Arrestor	1
13	18101-000005	Exhaust Outlet Gasket	1
14	90303-000004	M8 Hex Nut, Blk Zn	2
15	77300-000003	LPG Hose with Regulator	1
16	96100-460DNV00-03	Engine - See Figure B	1
17	31115-000002	Battery Strap, 220 x 20 x 3.5	1
18	82007-000005	Decorative Covers	1
19	96103-Y51100-0031	Frame Assy - See Figure H	1
20	90007-000012	M6 x 16 Hex Flange Bolt, Blk Zn	4
21	16750-000027	Fuel Valve Assy	1
22	90124-000003	Self Tapping Screw, PT5 x 16, White Zn	6
23	31110-000004	Battery, 12V/14Ah, 150 x 85 x 130	1
24	31114-000007	DC Wire Harness, Engine	1
25	31112-000015	DC Wire Harness, Battery	1
26	90001-000027	M6 x 25 Hex Flange Bolt, Blk Zn	1
27	90415-000001	Toothed Lock Washer, Blk Zn	1
28	30009-000024	Grounding Wire	1
29	90403-000003	Spring Washer, Ø6, Blk Zn	2
30	90303-000003	M6 Hex Nut, Blk Zn	1

#	Part Number	Description	Qty.
31	90408-000006	Flat Washer, Blk Zn	3
32	90312-000001	M6 Wing Nut, Blk Zn	1
33	90729-000005	Vent Hose, Ø9.5 x Ø16.8 x 250	1
34	90748-000002	Clamp, 10-16	3
35	77100-000006	LPG Regulator	1
36	35610-000179	Control Panel Assy - See Figure G	1
37	16287-000001	Dust Cap	1
38	90134-000001	M5 x 12 Cross Hex Pan Head Bolt	3
39	35720-000001	CO Sensor	1
40	90698-000002	Rubber Sleeve	2

ENGINE PARTS DIAGRAM

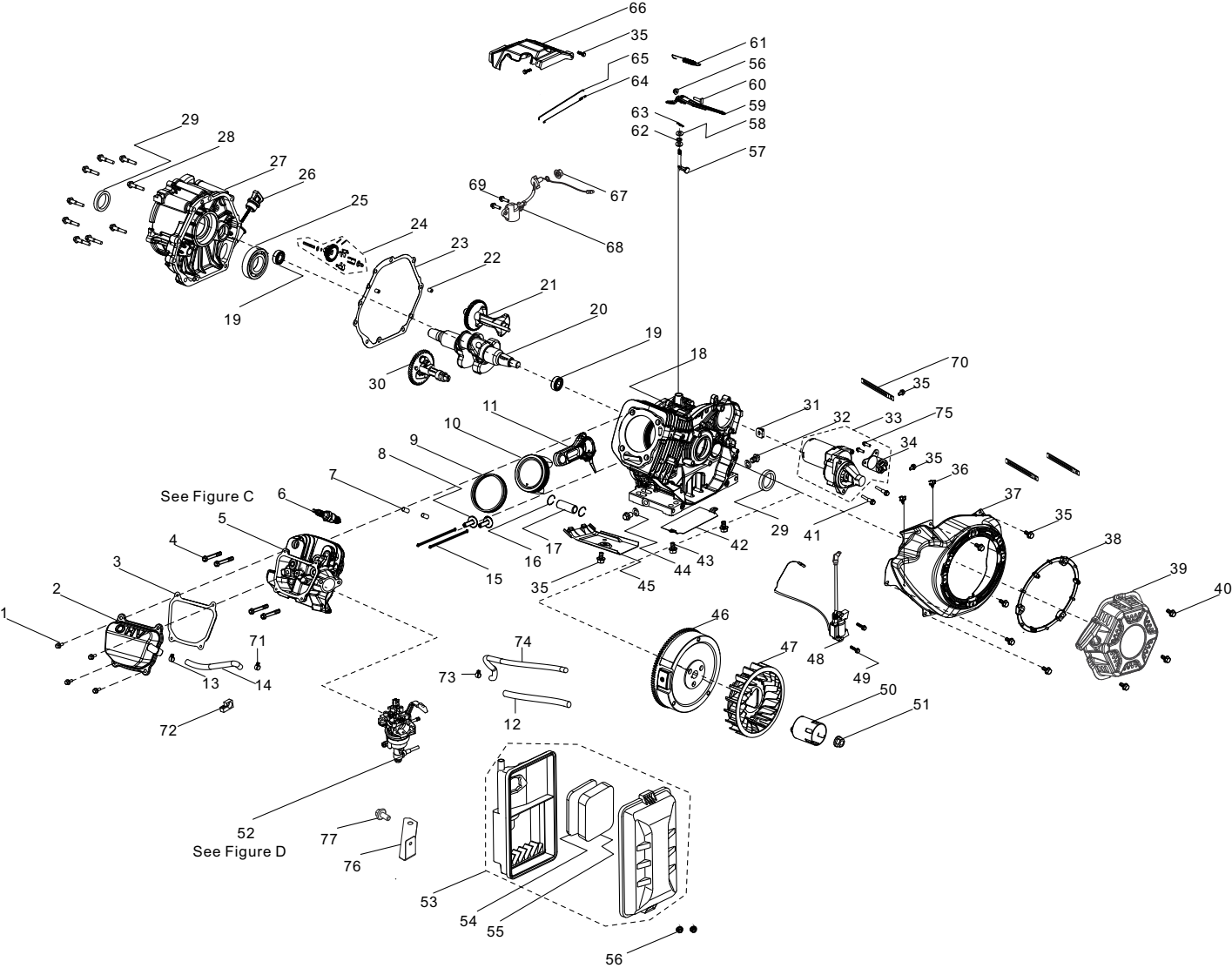


Figure B

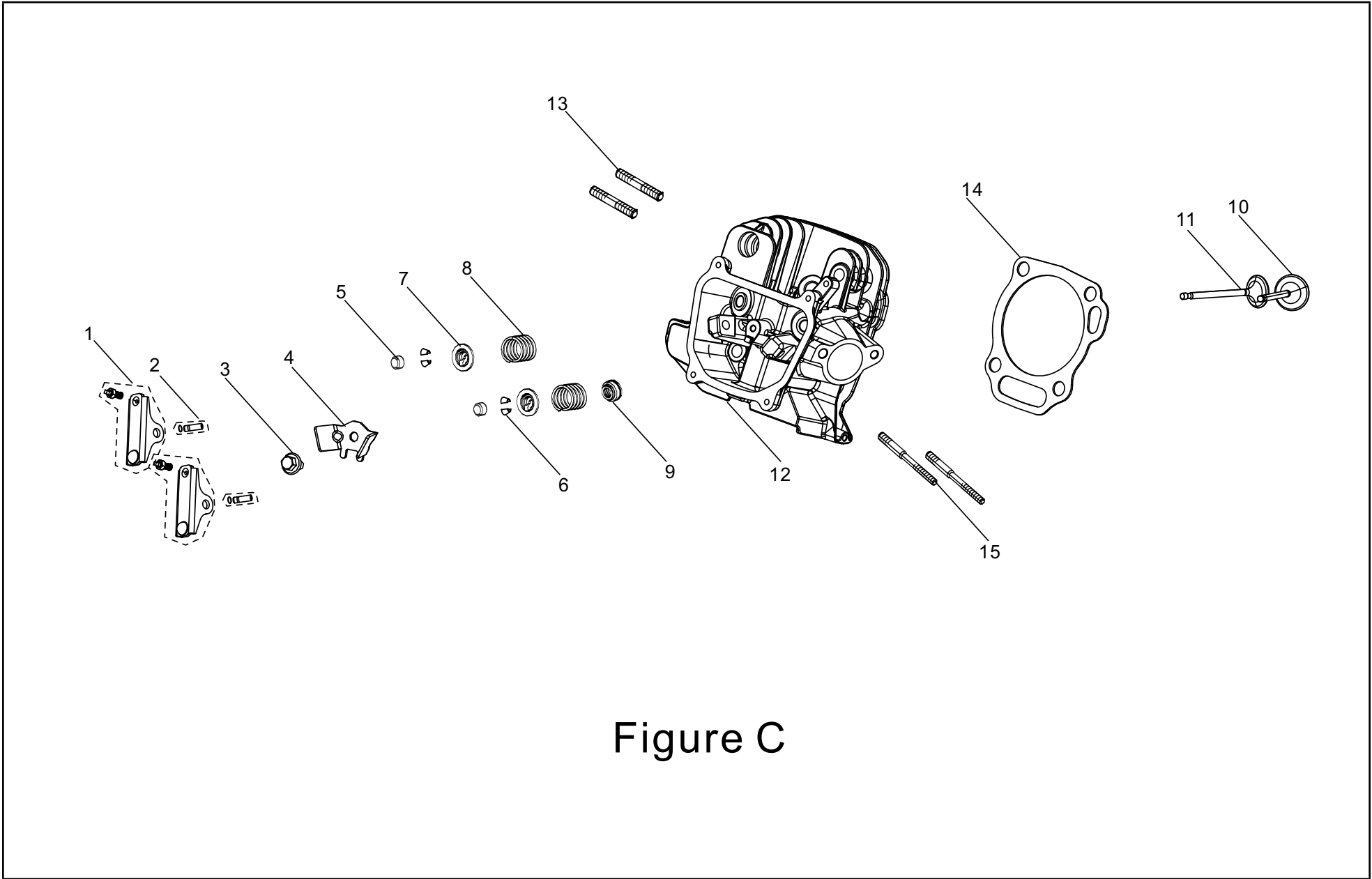
ENGINE PARTS LIST

#	Part Number	Description	Qty.
1	90001-000018	M6 x 12 Hex Flange Bolt, White Zn	4
2	12410-000019	Cylinder Head Cover, White Zn	1
3	12004-000019	Cylinder Head Cover Gasket	1
4	12003-000006	M10 x 85 Cylinder Head Bolt, White Zn	4
5	96101-Z120410-0012	Cylinder Head - See Figure C	1
6	30010-000001	Spark Plug, F6RTC	1
7	90502-000008	Pin, Ø12 x 20	2
8	14081-000003	Valve Tappet	2
9	13200-000002	Piston Ring Assy	1
10	13111-000013	Piston	1
11	13010-000009	Connecting Rod	1
12	30431-000019	Rubber Sleeve, Ø13 x Ø11.5 x 180	1
13	90685-000014	Clamp, Ø17 x 1.4, White Zn	1
14	17004-000008	Breather Tube, Ø12.5 X Ø16 x 108	1
15	14070-000001	Valve Lifter, Ø6 x 191	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	11310-000020	Crankcase Assy	1
19	90547-000019	Bearing, 6202	2
20	13300-000037	Crankshaft Assy	1
21	13401-000001	Balancing Shaft	1
22	90502-000002	Pin, Ø8 x 12	2
23	11001-000002	Crankcase Gasket	1
24	16400-000004	Governor Gear Assy	1
25	90547-000014	Bearing, 6208	1
26	15010-000009	Oil Dipstick	1
27	11411-000002	Crankcase Cover	1
28	90001-000051	M8 x 40 Hex Flange Bolt, Blk Zn	9
29	90682-000005	Oil Seal, Ø52 x Ø40 x 9	2
30	14200-000001	Camshaft Assy	1

#	Part Number	Description	Qty.
31	28101-000001	Rubber Plug	1
32	11007-000004	M12 x 18 Drain Plug Bolt, Blk Zn	2
33	09100-000002	Starter Motor	1
34	30500-000001	Starter Motor Relay	1
35	90001-000019	M6 x 12 Hex Flange Bolt, Blk Zn	10
36	90685-000017	Clamp	2
37	28110-000026	Shroud	1
38	28261-000004	Retainer Ring, Recoil Starter	1
39	28200-000023	Recoil Starter Assy	1
40	90001-000025	M6 x 20 Hex Flange Bolt, Blk Zn	3
41	90001-000049	M8 x 35 Hex Flange Bolt, White Zn	2
42	19306-000001	Air Deflector, Crankcase, White Zn	1
43	90001-000017	M6 x 10 Hex Flange Bolt, Blk Zn	2
44	90412-000003	Washer, Ø21 x Ø12 x 2	2
45	19304-000004	Cylinder Body Shroud	1
46	13510-000026	Flywheel Assy	1
47	19352-000007	Engine Cooling Fan	1
48	30400-000004	Ignition Coil	1
49	90001-000028	M6 x 28 Hex Flange Bolt, White Zn	2
50	28002-000003	Starter Pulley, White Zn	1
51	13501-000002	M16 x 1.5 Flywheel Nut, White Zn	1
52	96105-Z16100-0032	Carburetor Assy - See Figure D	1
53	17100-000033	Air Cleaner Assy	1
54	17151-000001	Element 1, Air Cleaner	1
55	17151-000002	Element 2, Air Cleaner	1
56	90305-000006	M6 Hex Flange Nut, Blk Zn	3
57	16061-000003	Governor Arm	1
58	90412-000004	Washer, Ø8.4 x Ø19.5 x 0.8	2
59	16070-000003	Governor Support Assy, White Zn	1
60	16072-000003	Governor Support Bolt, M6 x 21, Blk Zn	1

#	Part Number	Description	Qty.
61	16063-000024	Spring, Governor, Ø10.2×Ø1.8×140	1
62	90682-000007	Oil Seal, Ø14 x Ø8 x 4	1
63	90501-000005	Pin, White Zn	1
64	16012-000003	Throttle Valve Returning Spring	1
65	16062-000005	Governor Rod, White Zn	1
66	16520-000007	Air Guide, Cooling Fan, White Zn	1
67	90305-000015	M10 Hex Flange Nut, Blk Zn	1
68	37060-000006	Engine oil Sensor	1
69	90001-000022	M6 x 16 Hex Flange Bolt, White Zn	2
70	90684-000001	Clip, Ø6 x 10.6 x 130	3
71	90685-000016	Clamp, Ø17, White Zn	1
72	90804-000001	Stop Block	1
73	90748-000002	Clamp, Ø10 x 16	1
74	90729-000010	Vent Tube, Ø9.5 x Ø16.8 x 460	1
75	90001-000007	M5 x 16 Hex Flange Bolt, White Zn	2
76	17003-000009	Air Cleaner Support	1
77	90001-000019	M6 x 12 Hex Flange Bolt, Blk Zn	1

CYLINDER HEAD PARTS DIAGRAM



CYLINDER HEAD PARTS LIST

#	Part Number	Description	Qty.
1	14310-000001	Valve Rocker	2
2	14318-000005	Rocker Arm Shaft Assy	2
3	90001-000019	M6 x 12 Hex Flange Bolt, Blk Zn	1
4	12419-000002	Cylinder Head Pin Limit Plate, 1.6	1
5	12104-000001	Valve Rotator, Ø5.6 X Ø8.5 X 5.2	2
6	12109-000002	Valve Lock Clamp, Ø5.5 X Ø9	4
7	12112-000003	Valve Spring Retainer	2
8	12103-000009	Valve Spring, Ø19.1 X Ø2.5 X 38	2
9	12101-000001	Seal Guide	1
10	12111-000001	Intake Valve	1
11	12121-000010	Exhaust Valve	1
12	12140-000015	Cylinder Head	1
13	90203-000002	M8 x 34 Stud, Blk Zn	2
14	12131-000012	Cylinder Head Gasket	1
15	90204-000011	M6/M8 x 110 Stud, Blk Zn	2

CARBURETOR PARTS DIAGRAM

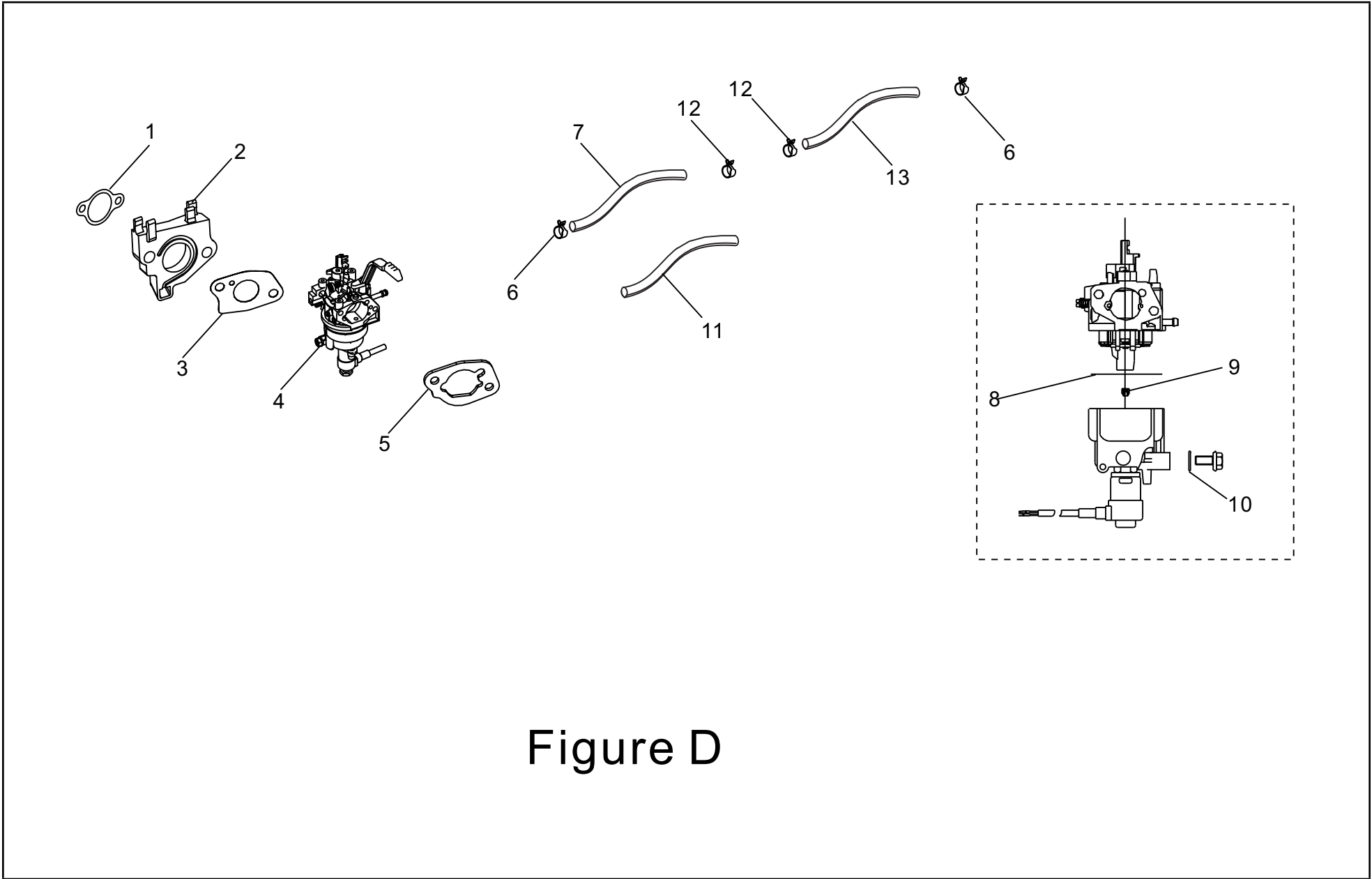


Figure D

CARBURETOR PARTS LIST

#	Part Number	Description	Qty.
1	17002-000002	Inlet Gasket	1
2	16003-000003	Carburetor Insulator Plate	1
3	16001-000003	Carburetor Gasket	1
4	16100-000048	Carburetor Assy	1
5	17001-000006	Air Cleaner Gasket	1
6	90685-000002	Clamp, Ø9 x 8 x 0.8, White Zn	2
7	90686-000042	Tube, Ø4 x Ø10 x 490	1
8	16112-000003	Seal Ring, Float	1
9	16161-000006	Main Jet(H128×0.39), Standard	1
	16161-000054	Main Jet(H128 x 0.41), Altitude 3000-6000 Feet	/
	16161-000009	Main Jet(H128 x 0.43), Altitude 6000-8000 Feet	/
10	90681-000007	Seal Ring	1
11	30431-000019	Rubber Sleeve, Ø13 x Ø11.5 x 180	1
12	90685-000007	Clamp, Ø9.5 x 8 x 0.8	2
13	90686-000017	Tube, Ø4 x Ø10 x 305	1

ALTERNATOR PARTS DIAGRAM

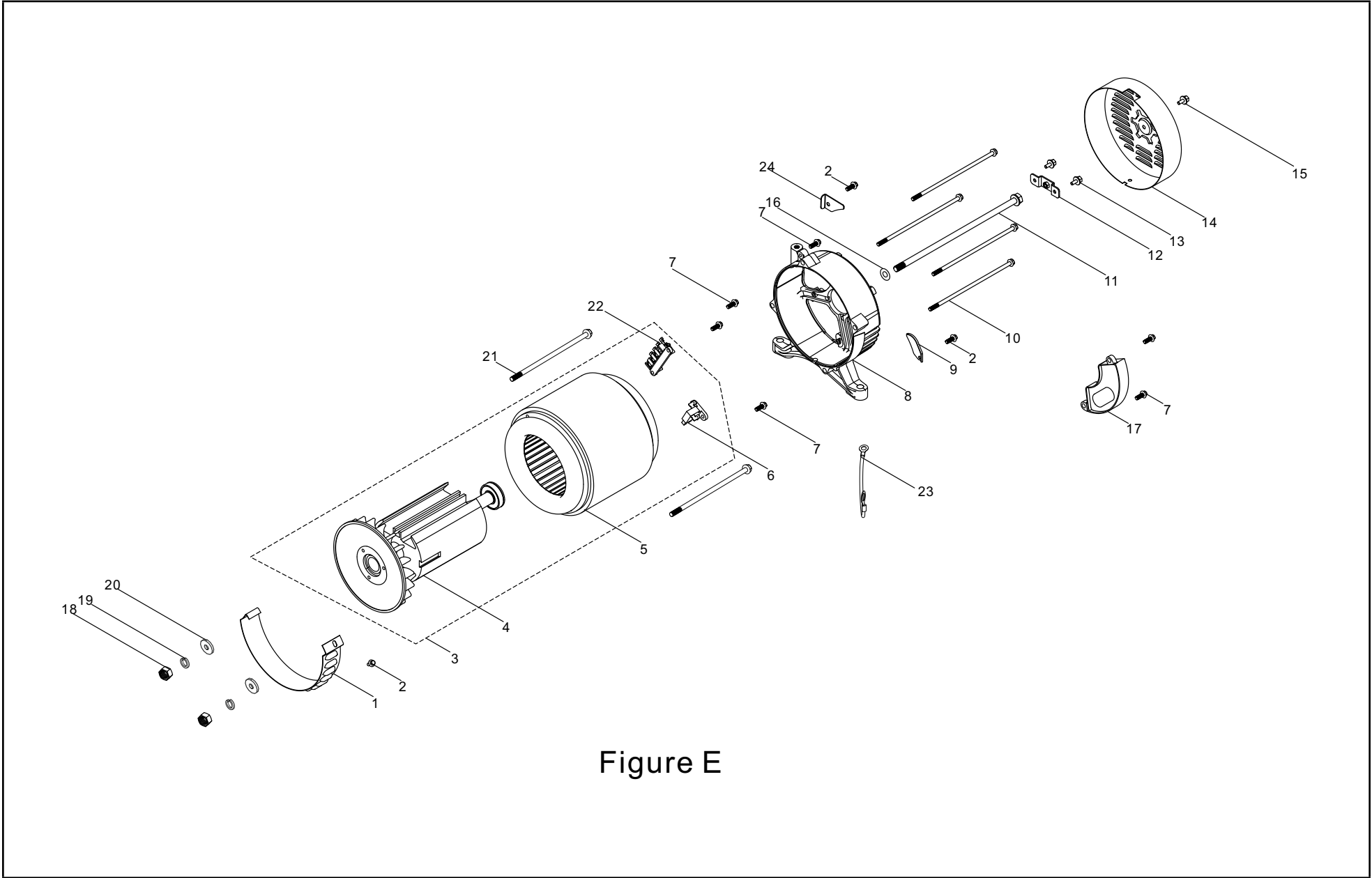


Figure E

ALTERNATOR PARTS LIST

#	Part Number	Description	Qty.
1	30024-000003	Alternator Shroud	1
2	90001-000001	M5 x 10 Hex Flange Bolt, White Zn	3
3	31300-000037	Alternator Assy	1
4	31330-000008	Rotor, AL, D190 x 158	1
5	31310-000027	Stator, AL, D190 x 158	1
6	31320-000004	Carbon Brush Assy	1
7	90001-000007	M5 x 16 Hex Flange Bolt, White Zn	6
8	30021-000005	Motor Bracket	1
9	30023-000005	Stopper 1, Motor Right Cover, White Zn	1
10	30048-000004	M6 x 199 Stator Bolt, White Zn	4
11	30049-000004	M10 x 285 Rotor Bolt, White Zn	1
12	51124-000010	Mounting Bracket, White Zn	1
13	90007-000003	M5 x 12 Hex Flange Bolt, Blk Zn	2
14	30022-000009	End Housing Cover, Yellow	1
15	90001-000019	M6 x 12 Hex Flange Bolt, Blk Zn	1
16	90408-000011	Flat Washer, Ø10.4 x Ø30 x 4, White Zn	1
17	30060-000018	Rectifier	1
18	90303-000001	M5 Hex Nut, White Zn	2
19	90403-000002	Standard Spring Washer, 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	30009-000014	Grounding Wire	1
24	30023-000008	Stopper 2, Motor Right Cover, White Zn	1

FUEL TANK PARTS DIAGRAM

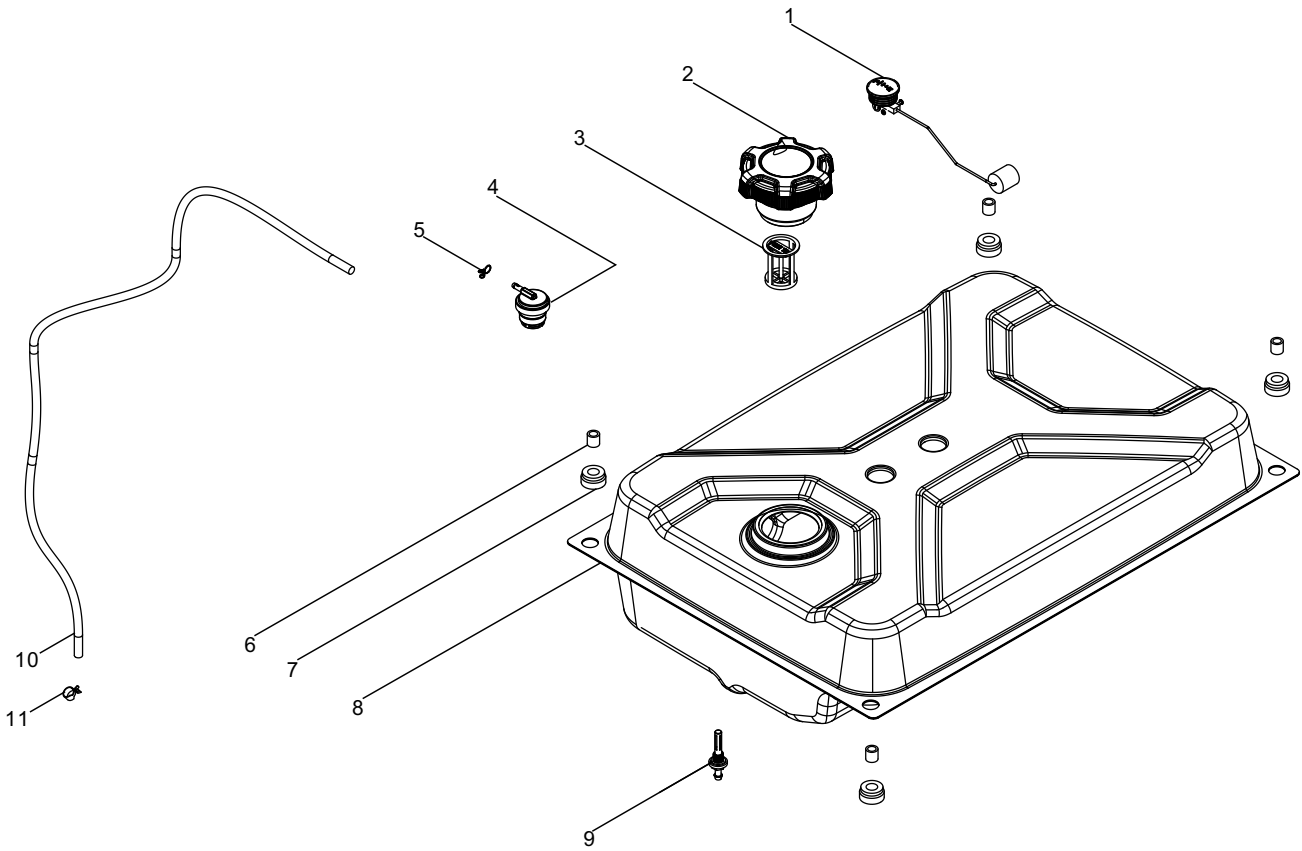


Figure F

FUEL TANK PARTS LIST

#	Part Number	Description	Qty.
1	37200-000010	Fuel Gauge	1
2	16730-000010	Fuel Tank Cap	1
3	16652-000009	Fuel Filter	1
4	15150-000003	One Way Valve	1
5	90740-000005	Clamp, Ø9 x 1	1
6	90683-000001	Bushing	4
7	16601-000001	Vibration Mount, Fuel Tank, Ø16 x 12.5	4
8	16620-000017	Fuel Tank, 29.1L, RT2910A	1
9	16680-000002	Fitting, Fuel Tank Drain	1
10	16804-000027	Connection Tube, Ø4.5 x Ø8.5 x 865	1
11	90685-000010	Clamp, Ø10.5 x 8 x 0.8, Dacromet	1

CONTROL PANEL PARTS DIAGRAM

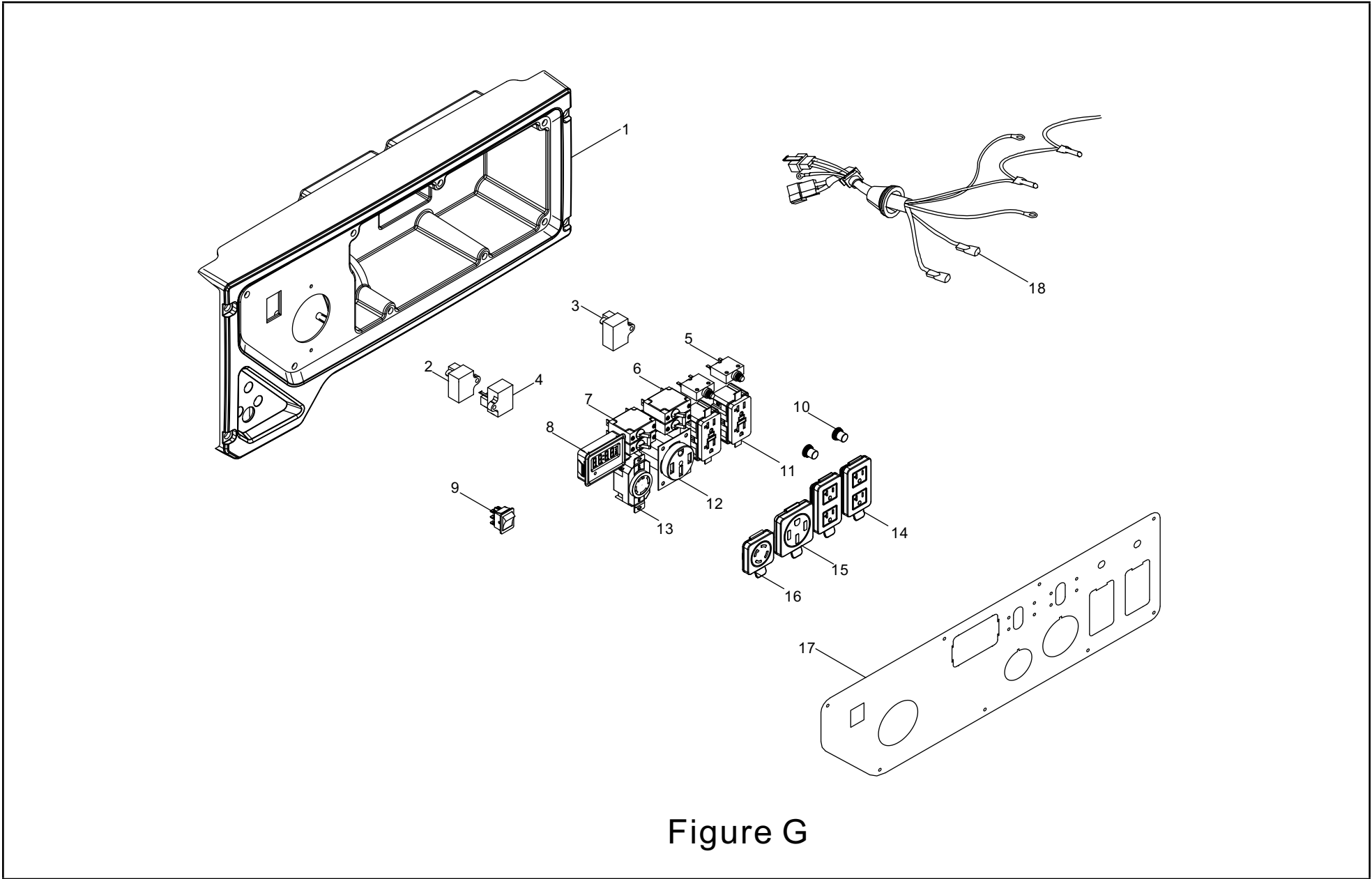


Figure G

CONTROL PANEL PARTS LIST

#	Part Number	Description	Qty.
1	35680-000026	Control Panel Housing	1
2	30008-000004	Control Module, EV10	1
3	30008-000003	Control Module, OV0402	1
4	30007-000002	Charging Module, EC0803	1
5	31234-000003	20Amp Circuit Breaker, Push Button	2
6	35627-000002	35Amp Circuit Breaker, 2P flip, 250V	1
7	35627-000009	30Amp Circuit Breaker, 2P flip, 250V	1
8	35632-000006	Display, INT1A0F	1
9	35160-000011	Engine switch	1
10	35654-000005	Push Button Cover	2
11	35614-000018	5-20R GFCI Receptacle, 20A, 125V	2
12	35614-000012	14-50R Receptacle, 50A, 125V/250V	1
13	35614-000004	L14-30R Receptacle, 30A, 125V/250V	1
14	35654-000013	Receptacle Cover, 5-20R	2
15	35654-000012	Receptacle Cover, 14-50R	1
16	35654-000010	Receptacle Cover, L14-30R	1
17	35650-000066	Control Panel	1
18	35660-000074	Wire Harness, Control Panel	1

FRAME ASSEMBLY PARTS DIAGRAM

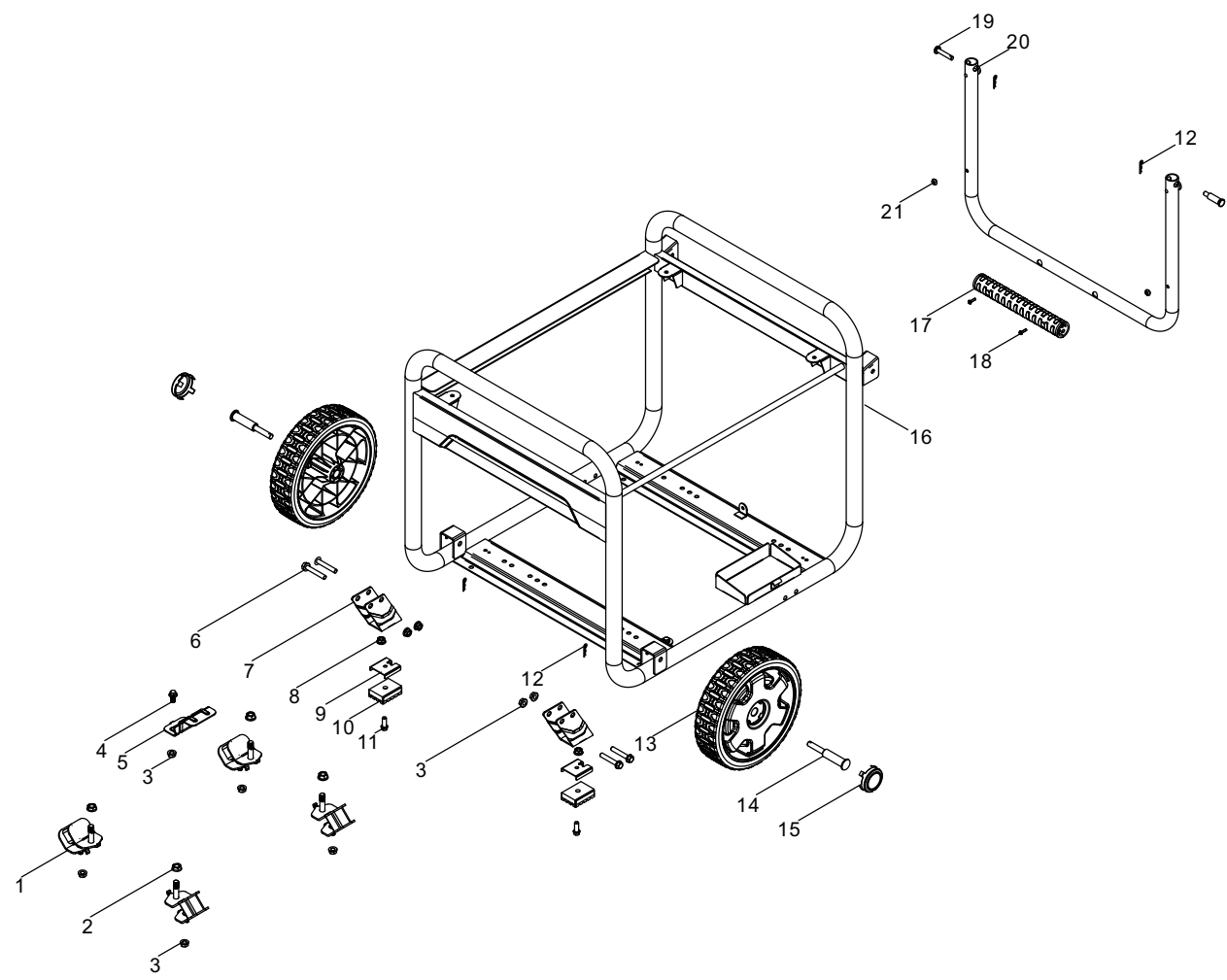


Figure H

FRAME ASSEMBLY PARTS LIST

#	Part Number	Description	Qty.
1	51012-000001	Rear Vibration Mount, Frame	4
2	90306-000002	M10 Hex Flange Nut, Blk Zn	4
3	90305-000011	M8 Hex Flange Nut, Blk Zn	9
4	90001-000041	M8 x 16 Hex Flange Bolt, Blk Zn	1
5	24329-000004	Block 1	1
6	90001-000054	M8 x 50 Hex Flange Bolt, Blk Zn	4
7	51016-000011	Support Leg	2
8	90305-000008	M6 Hex Flange Nut, Blk Zn	2
9	24329-000008	Block 2	2
10	51014-000017	Vibration Mount, Support Leg	2
11	90001-000025	M6 x 20 Hex Flange Bolt, Blk Zn	2
12	90583-000001	R Pin, Blk Zn	4
13	44110-000008	9.5 in. Wheel, Yellow	2
14	44020-000011	Roll Pin, Blk Zn	2
15	44001-000003	Decorated Hub Cover	2
16	51100-000071	Frame Assy, 665 x 555 x 545	1
17	54101-000006	Handle Sheath, 25 x 233	1
18	90103-000007	M4 x 16 Screw, Blk Zn	2
19	90504-000002	Pin Shaft, Blk Zn	2
20	54110-000016	Handle, 555 x 385 x31	1
21	90722-000006	End Plug	2

WIRING DIAGRAM

