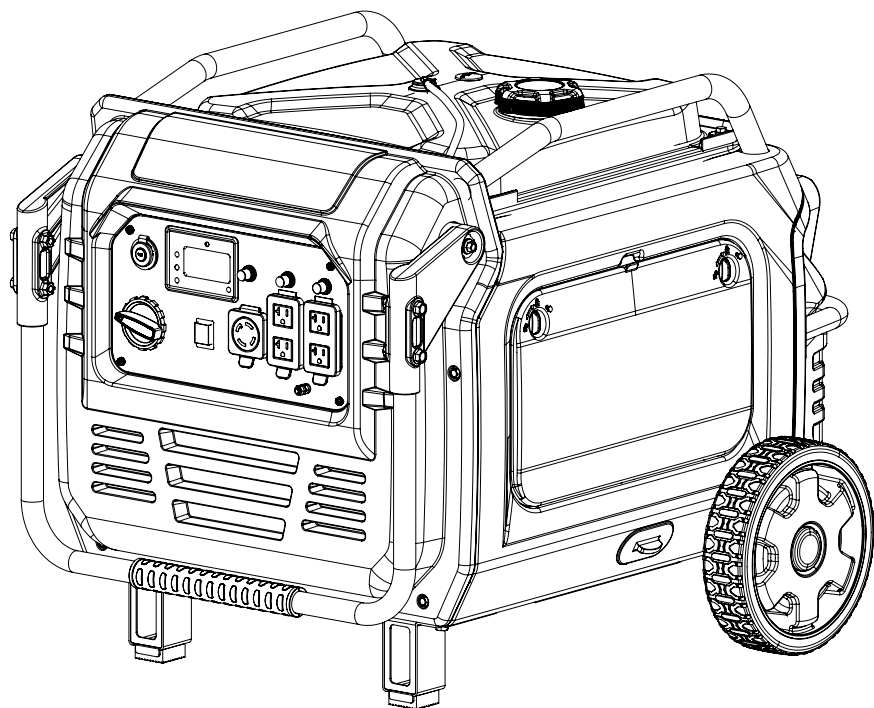




Champion Power Equipment, Inc.

MODEL #201509



PARTS INFORMATION

8500W ELECTRIC START INVERTER GENERATOR

SERIAL NUMBER RANGE: ALL



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

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INVERTER GENERATOR PARTS DIAGRAM

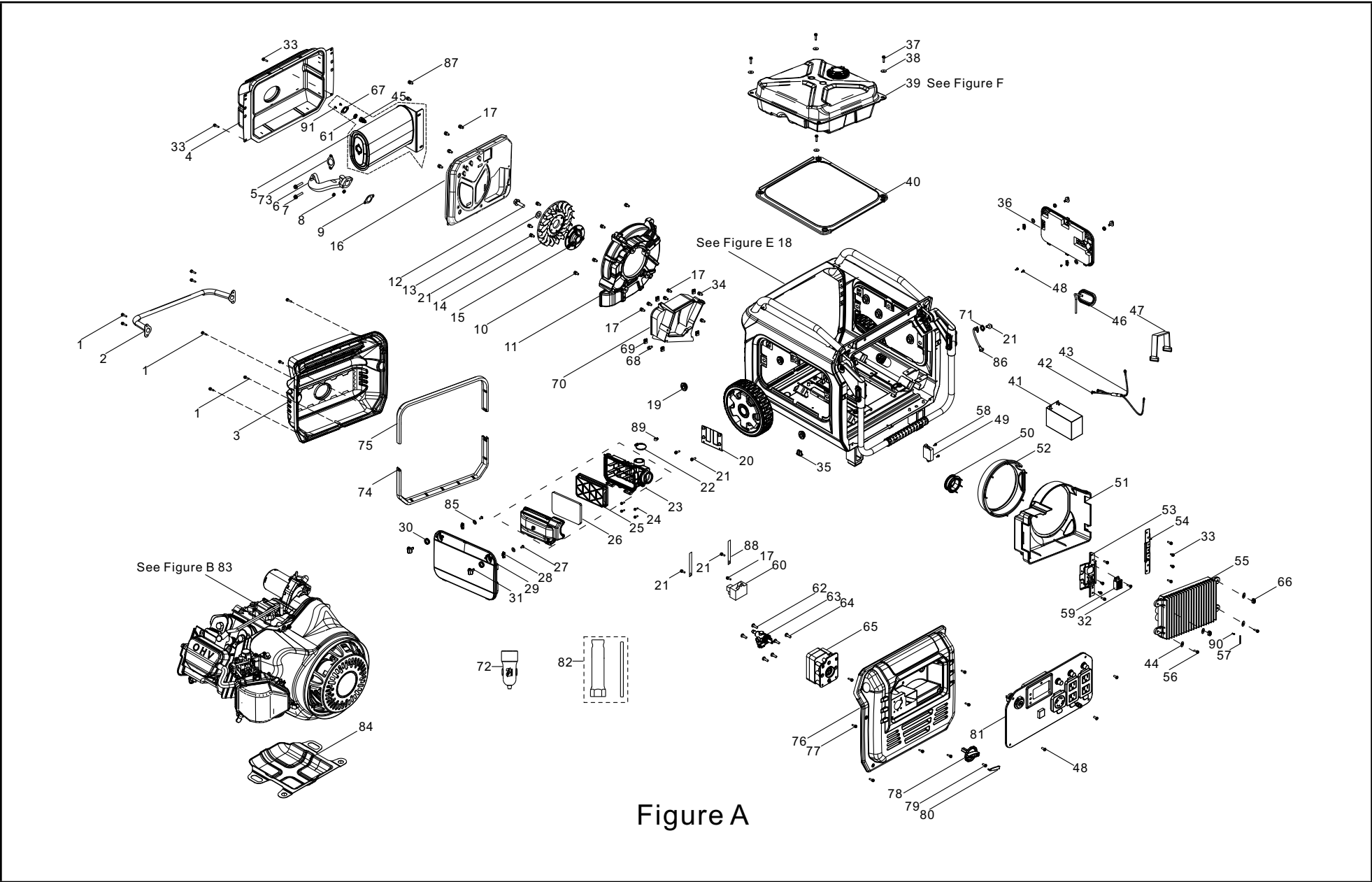


Figure A

INVERTER GENERATOR PARTS LIST

#	Part Number	Description	Qty.
1	90001-000027	M6 x 25 Hex Flange Bolt, Blk Zn	9
2	51001-000001	Crossbar Tube, Ø25	1
3	16673-000002	Shield, Muffler Protection	1
4	18130-000006	Muffler Guard	1
5	18100-000045	Muffler Assy	1
6	18150-000001	Exhaust Pipe, Muffler	1
7	90001-000062	M8 x 40 Hex Flange Bolt	2
8	90303-000004	M8 Nut, Blk Zn	2
9	18001-000004	Exhaust Outlet Gasket	1
10	90001-000044	M8 x 25 Hex Flange Bolt, White Zn	4
11	28110-000002	Shroud, Crankcase Cover	1
12	90002-000001	M10 x 30 Hex Flange Bolt, White Zn	1
13	90408-000011	Flat Washer, Ø10.4 x Ø30 x 4, White Zn	1
14	19352-000004	Cooling Fan, Inverter	1
15	13515-000001	Mounting disc, Cooling Fan, Ø20 x Ø89 x 3.5	1
16	18003-000003	Muffler Guard, Inner	1
17	90001-000022	M6 x 16 Hex Flange Bolt, White Zn	8
18	96103-Y51100-0036	Frame Assy - See Figure E	1
19	16601-000005	Rubber sleeve, Access Panel	6
20	17003-000007	Air Cleaner Support	1
21	90001-000018	M6 x 12 Hex Flange Bolt, White Zn	10
22	12081-000002	Clamp, Inlet Tube, M6x15	1
23	17100-000018	Air Cleaner	1
24	90001-000024	M6 x 20 Hex Flange Bolt, White Zn	4
25	17150-000003	Element Assy, Air Cleaner	1
26	17151-000006	Element, Air Cleaner	1
27	90124-000002	Self Tapping Screw, PT4x13	4
28	24329-000003	Block	4
29	80092-000024	Access Panel, Left	1
30	16527-000002	Spring, Stopper Adjusting, Ø1.2 x Ø15.3 x 13	4

#	Part Number	Description	Qty.
31	35643-000005	Knob, Access Panel	4
32	90007-000011	M6 x 16 Hex Flange Bolt, White Zn	1
33	90007-000008	M6 x 12 Hex Flange Bolt, Blk Zn	10
34	90007-000004	M5 x 16 Hex Flange Bolt, White Zn	4
35	90804-000004	Limit Plate, Fuel Drain Tube	1
36	80096-000023	Access Panel, Right	1
37	90001-000031	M6 x 30 Hex Flange Bolt, Blk Zn	4
38	90408-000024	Flat Washer, Ø6 x Ø32 x 1.5, Blk Zn	4
39	96104-Y16620-0028	Fuel Tank Assy - See Figure F	1
40	35671-000002	Waterproof Strip	1
41	31110-000007	Battery, 12V/9Ah, 150 x 65 x 90	1
42	31112-000004	DC Wire Harness, Battery	1
43	31114-000005	DC Wire Harness, Engine	1
44	90401-000001	Washer, Ø6.5 x Ø25 x 2, White Zn	4
45	18255-000004	Spark Arrestor	1
46	90722-000008	End Plug	1
47	31115-000001	Battery Strap	1
48	90103-000012	M5 x 12 Screw, Blk Zn	6
49	35720-000003	CO Alarm	1
50	17006-000001	Air Cleaner cushion	1
51	30041-000002	Inverter Cover	1
52	30214-000001	Inverter Cover Gasket	1
53	30081-000012	Inverter, Bracket 1	1
54	30081-000013	Inverter, Bracket 2	1
55	30043-000028	Inverter, 6.8/7.5kW_120V/240V_60Hz	1
56	90007-000013	M6 x 20 Hex Flange Bolt, White Zn	2
57	90684-000001	Clip, L=130	1
58	90103-000012	M5 x 12 Screw, Blk Zn	2
59	30060-000007	Rectifier	1
60	30007-000002	Charger Module, EC0803	1

#	Part Number	Description	Qty.
61	18218-000005	Sound Absorbing Block	1
62	90255-000001	M4 x 10 Screw & Washer Assy, White Zn	2
63	16750-000010	Fuel Switch	1
64	90129-000002	Self Tapping Screw, ST4.2×16, White Zn	4
65	35160-000013	Engine Switch	1
66	90305-000005	M6 Hex Flange Nut, White Zn	2
67	94111-000012	Spark Arrestor Plate	1
68	90007-000006	M5 x 20 Hex Flange Bolt, White Zn	1
69	17199-000003	M5 Clip Nut, White Zn	5
70	28110-000036	Shroud, Muffler Guard	1
71	90415-000001	Toothed Lock Washer, Blk Zn	1
72	35613-000001	12VDC USB Adapter	1
73	18001-000005	Exhaust Outlet Gasket	1
74	18005-000006	Heat Insulation rubber, muffler inner cover, Down	1
75	18005-000005	Heat Insulation rubber, muffler inner cover, Up	1
76	35680-000010	Control Panel Housing	1
77	90001-000023	M6 x 16 Hex Flange Bolt, Blk Zn	7
78	35643-000006	Switch Dial, Engine	1
79	90103-000006	M4 x 16 Screw, White Zn	1
80	82007-000005	Decorative Cover	1
81	35610-000147	Control Panel Assy - See Figure G	1
82	93130-000001	Spark Plug Socket	1
83	96100-420DVI00-02	Engine, 420cc	1
84	19306-000003	Crankcase Air Deflector	1
85	90408-000002	Flat Washer	4
86	30009-000019	Grounding Wire	1
87	90001-000041	M8 x 16 Hex Flange Bolt, Blk Zn	2
88	90684-000003	Clip, L=100	2
89	90685-000002	Clamp, Ø9 x 0.8 x 8	1
90	90007-000026	M5 x 8 Hex Flange Bolt, White Zn	1
91	90139-000001	M5 x 10 Hex Bolt, Dacromet	2

ENGINE PARTS DIAGRAM

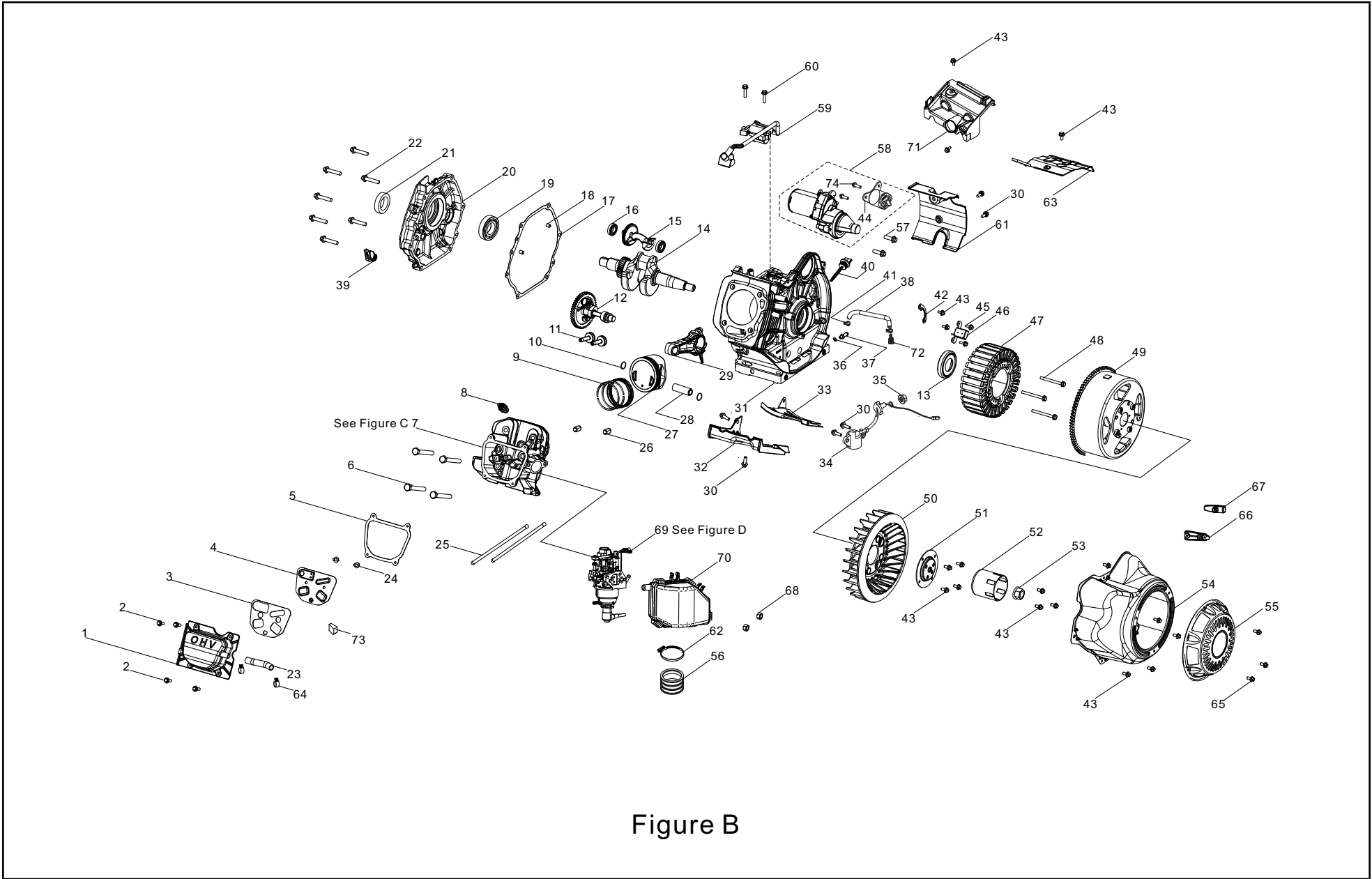


Figure B

ENGINE PARTS LIST

#	Part Number	Description	Qty.
1	12410-000007	Cylinder Head Cover Assy	1
2	90001-000024	M6 x 20 Hex Flange Bolt, White Zn	4
3	11332-000002	Breather Groove Cover Gasket	1
4	11320-000003	Breather	1
5	12004-000011	Cylinder Head Cover Gasket	1
6	12003-000004	M10 x 80 Cylinder Head Bolt, White Zn	4
7	96101-Z120410-0009	Cylinder Head Assy - See Figure C	1
8	30010-000003	Spark Plug, F7RTC	1
9	13200-000015	Piston Ring Assy	1
10	13122-000002	Piston Pin Clip	2
11	14081-000003	Valve Tappet	2
12	14200-000007	Camshaft Assy	1
13	90682-000005	Oil Seal, Ø40 x Ø52 x 9	1
14	13300-000013	Crankshaft Assy	1
15	13400-000001	Balancing Shaft	1
16	90548-000001	Bearing, 6202	2
17	11001-000004	Crankcase Gasket	1
18	90502-000002	Pin, 8 x 12	2
19	90547-000009	Bearing, 6207	1
20	11411-000007	Crankcase Cover	1
21	90682-000006	Oil Seal, Ø35 x Ø52 x 7	1
22	90001-000050	M8 x 40 Hex Flange Bolt, White Zn	7
23	17004-000015	Breather Tube	1
24	90001-000003	M5 x 12 Hex Flange Bolt, White Zn	2
25	14070-000002	Valve Lifter	2
26	90502-000008	Pin, 12 x 20	2
27	13111-000020	Piston	1
28	13121-000004	Piston Pin, Ø20 x Ø14.75 x 62	1
29	13010-000004	Connecting Rod	1
30	90001-000022	M6 x 16 Hex Flange Bolt, White Zn	6

#	Part Number	Description	Qty.
31	11310-000008	Crankcase Assy	1
32	19305-000002	Cylinder Body Shroud 2	1
33	12014-000001	Head Air Deflector	1
34	37060-000006	Engine oil Sensor	1
35	90305-000014	M10 Hex Flange Nut, White Zn	1
36	90408-000021	Flat Washer, Ø15.8	1
37	90689-000003	Connector, M10-1.25, Fuel Tube	1
38	11011-000003	Oil Drain Hose Assy	1
39	15030-000001	Oil Plug Assy	1
40	15010-000005	Oil Dipstick Assy	1
41	90685-000004	Clamp, Ø16 x 0.8 x 10	2
42	30002-000002	Magneto Wiring Clamp	1
43	90001-000018	M6 x 12 Hex Flange Bolt, White Zn	17
44	30500-000001	Starting Relay	1
45	90001-000007	M5 x 16 Hex Flange Bolt, White Zn	2
46	30130-000005	Trigger Assy	1
47	30120-000033	Stator Component, Ø179 x 53	1
48	90007-000020	M6 x 65 Hex Flange Bolt, White Zn	3
49	30110-000008	Rotor Component, Ø179 x 53	1
50	19352-000015	Cooling Fan, Engine	1
51	28020-000001	Starter Pulley Base	1
52	28002-000010	Starter Pulley, White Zn	1
53	13501-000002	Flywheel Nut, M16 x 1.5, White Zn	1
54	28110-000015	Shroud	1
55	28200-000015	Recoil Starter Assy	1
56	12510-000002	Inlet Tube	1
57	90001-000044	M8 x 25 Hex Flange Bolt, White Zn	2
58	30300-000008	Starter Motor Assy	1
59	30400-000036	Ignition Coil	1
60	90001-000026	M6 x 25 Hex Flange Bolt, White Zn	2

#	Part Number	Description	Qty.
61	19351-000001	Rear Shield, Crankcase	1
62	12081-000002	Clamp, Inlet Tube	1
63	28118-000003	Block	1
64	90685-000015	Clamp, Ø10.5, White Zn	2
65	90001-000014	M6 x 8 Hex Flange Bolt, Blk Zn	3
66	28004-000003	Guide Plate Assy, Pull Cord Handle	1
67	28210-000002	Pull Cord Handle	1
68	90305-000007	M6 Hex Flange Nut, White Zn	2
69	96105-Z16100-0034	Carburetor Assy - See Figure D	1
70	17400-000003	Secondary Air Cleaner	1
71	12014-000005	Head Air Deflector	1
72	90689-000002	Connector, M18-2.5, Fuel Tube, White Zn	1
73	11331-000002	Filter, Breath Groove Cover	1
74	90001-000007	M5 x 16 Hex Flange Bolt, White Zn	2

CYLINDER HEAD PARTS DIAGRAM

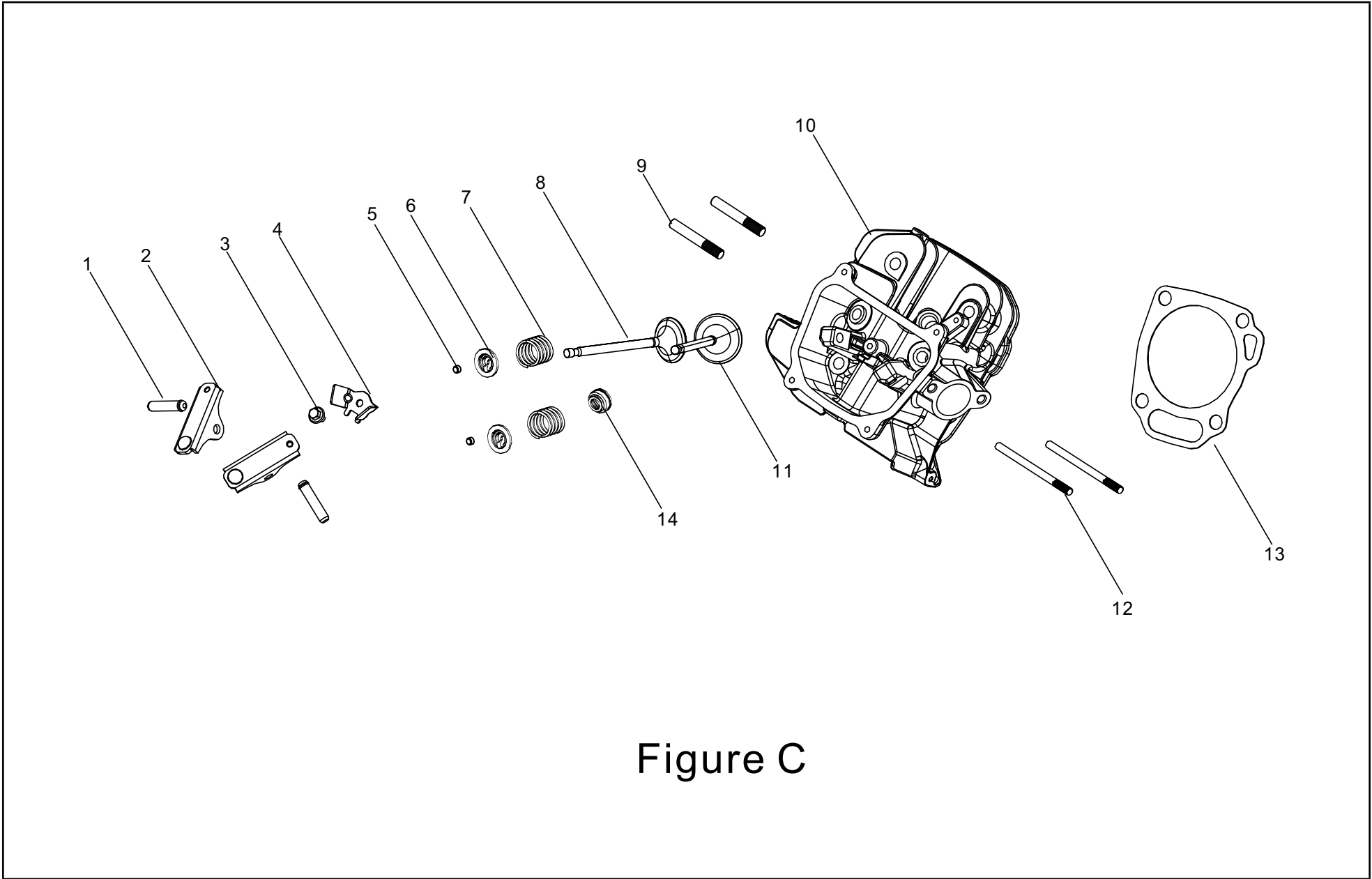


Figure C

CYLINDER HEAD PARTS LIST

#	Part Number	Description	Qty.
1	14318-000006	Valve Rocker Shaft Assy	2
2	14310-000003	Valve Rocker Assy	2
3	90001-000018	M6 x 12 Hexagon Flange Bolt, White Zn	1
4	12419-000002	Pin Plate, Cylinder Head Cove	1
5	12104-000001	Valve Adjusting Cap, Ø5.6 x Ø8.5 x 5.2	2
6	12107-000001	Valve Spring Retainer, Exhaust Valve	2
7	12103-000009	Valve Spring, Ø19.1 x Ø2.5 x 38	2
8	12121-000003	Exhaust Valve	1
9	90204-000019	M8 x 47 Stud, Blk Zn	2
10	12140-000028	Cylinder Head	1
11	12111-000002	Intake Valve	1
12	90204-000020	Stud, M6/M8 x 114, Blk Zn	2
13	12131-000006	Cylinder Head Gasket	1
14	12101-000005	Seal Guide	1

CARBURETOR PARTS DIAGRAM

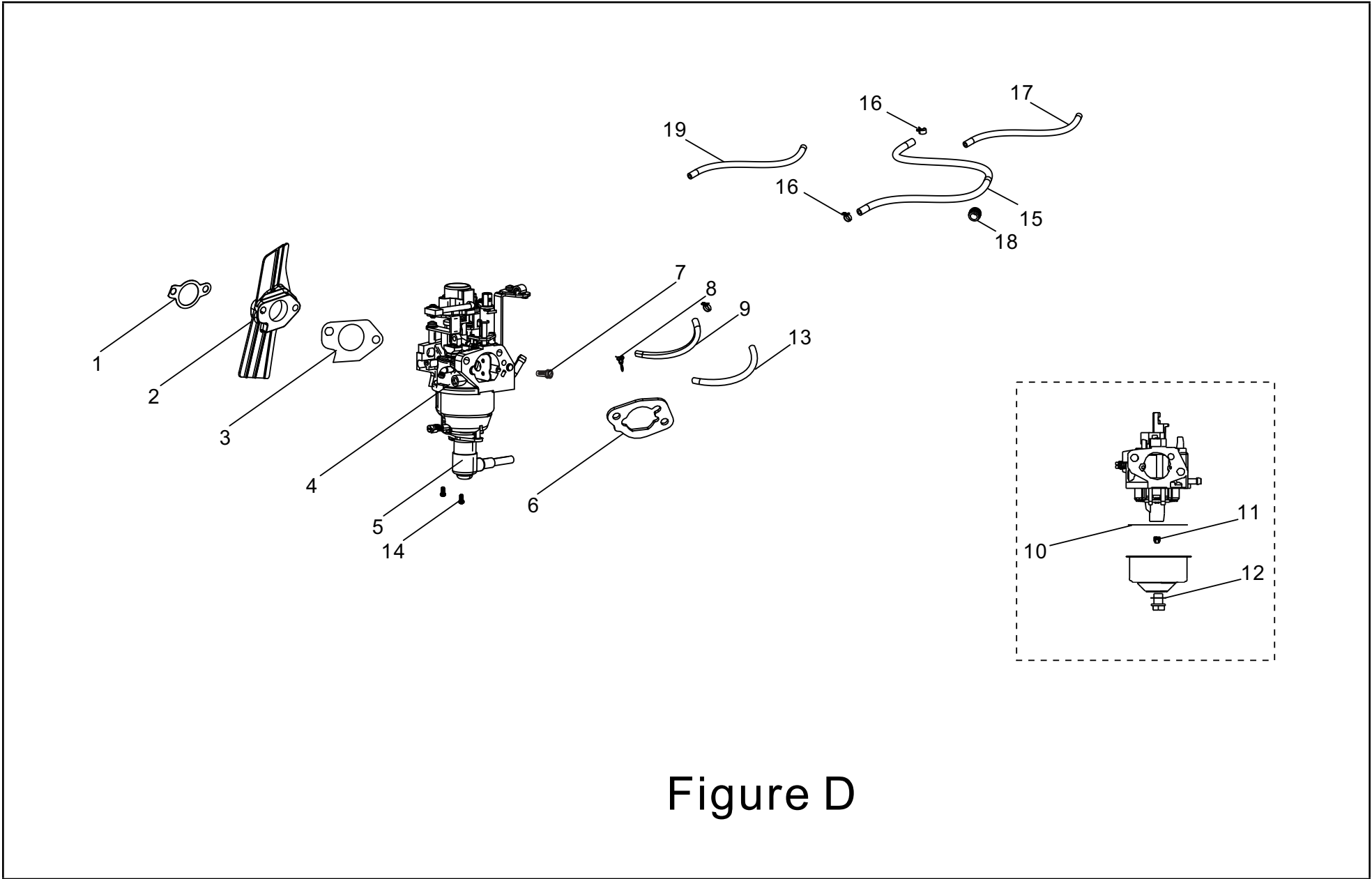


Figure D

CARBURETOR PARTS LIST

#	Part Number	Description	Qty.
1	17002-000004	Inlet Gasket	1
2	16003-000008	Carburetor Insulator Plate	1
3	16001-000003	Carburetor Gasket	1
4	16100-000073	Carburetor Assy	1
5	16108-000005	Magnetic Valve	1
6	17001-000010	Air Cleaner Gasket	1
7	16652-000016	Fuel Filter	1
8	90685-000002	Clamp, Ø9 x Ø0.8 x 8, Dacromet	1
9	90686-000008	Fuel Tube, Ø4.5 x Ø8.5 x 260	1
10	16112-000011	Seal Ring, Float	1
11	16161-000060	Main Jet (H128×0.52), Standard	1
	16161-000058	Main Jet (H128X0.55), Altitude 3000-6000 Feet	/
	16161-000007	Main Jet (H128X0.58), Altitude 6000-8000 Feet	/
12	90681-000008	Seal Ring	1
13	30431-000010	Rubber Sleeve, Ø10 x Ø11 x 180	1
14	90102-000001	Hex Socket Bolt, M5 x 12, White Zn	2
15	90686-000011	Fuel Tube, Ø4.5 × Ø8.5 × 340	1
16	90685-000013	Clamp, Ø8.5 x 8 x 0.6, Dacromet	3
17	30431-000013	Rubber Sleeve, Ø9.5 x Ø11 x 150	1
18	30431-000026	Rubber Sleeve, Ø8.5 x Ø17 x 17	1
19	30431-000025	Rubber Sleeve, Ø9.5 x Ø11 x 125	1

FRAME ASSEMBLY PARTS DIAGRAM

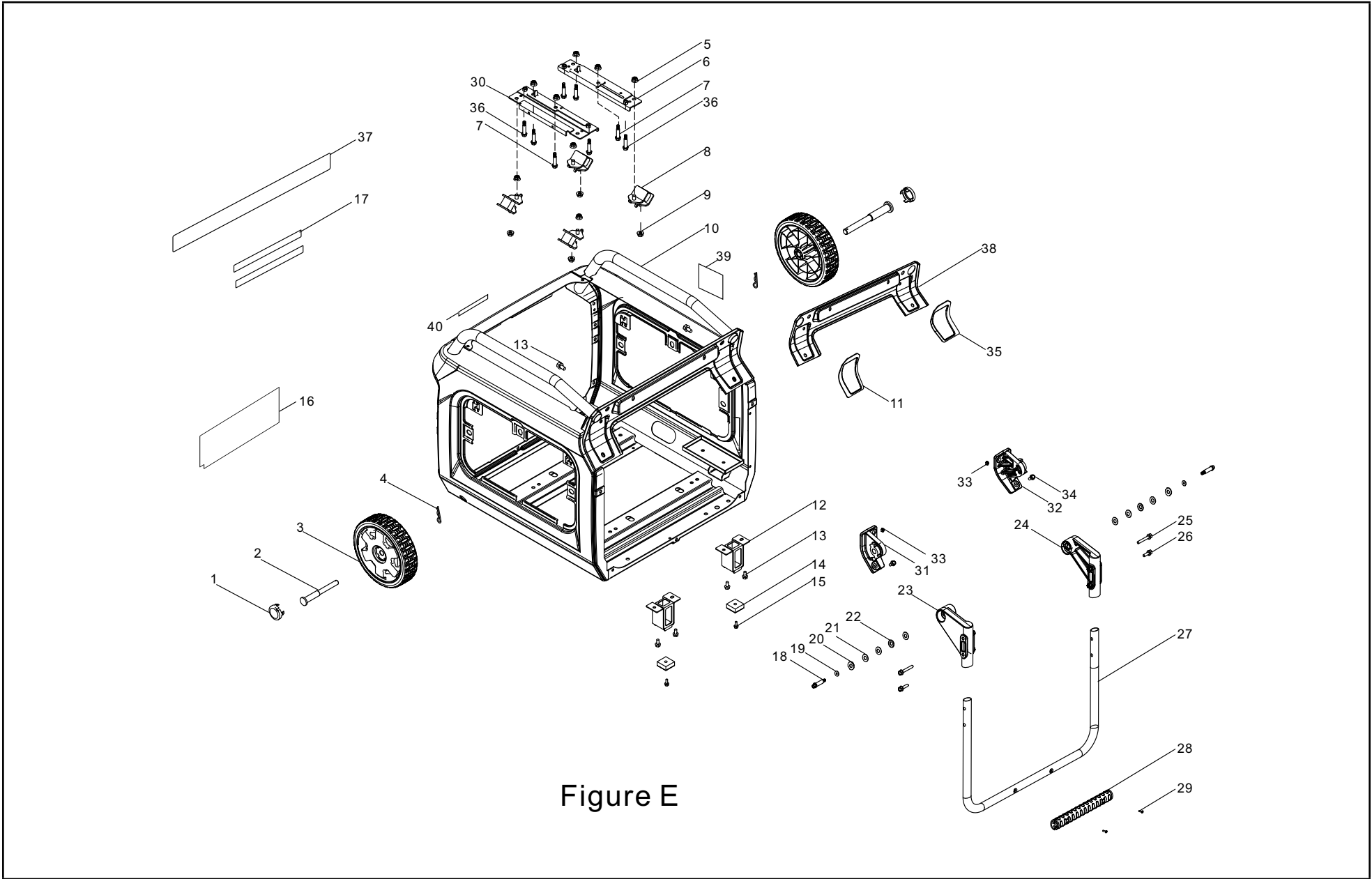


Figure E

FRAME ASSEMBLY PARTS LIST

#	Part Number	Description	Qty.
1	44001-000003	Decorated Hub Cover	2
2	42002-000003	Axle, Blk Zn	2
3	44110-000008	Wheel, 9.5in, Yellow	2
4	90501-000004	B-Clip, Blk Zn	2
5	90306-000001	M10 Hex Flange Nut, White Zn	8
6	51002-000016	Engine base plate, Right	1
7	90002-000002	M10 x 40 Hex Flange Bolt, White Zn	4
8	51005-000009	Vibration Mount 1, Frame	4
9	90305-000010	M8 Hex Flange Nut, White Zn	4
10	51100-000052	Frame Assy	1
11	51198-000003	Sealing Strip, 15×5×(68+182+46+190), Right	1
12	51016-000005	Bracket, Support Leg	2
13	90001-000041	M8 x 16 Hex Flange Bolt, Blk Zn	6
14	51014-000005	Support Leg	2
15	90001-000023	M6 x 16 Hex Flange Bolt, Blk Zn	2
16	51198-000005	Sealing Strip, 153×68×2	1
17	51198-000004	Sealing Strip, 330×10×2	2
18	71116-000001	M8 x 1.25 x 11.5, Connecting Bolt Blk Zn	2
19	90412-000001	Flat Washer, Ø12.2 x 27 x 2	2
20	42017-000001	Locking Washer, White Zn	2
21	90412-000002	Flat Washer, Ø13 x 25 x 1, White Zn	4
22	90419-000002	Butterfly Washer, Ø12.2 x 25 x 1 x 2	4
23	54122-000003	Left Seat 1, Handle Tube Connecting	1
24	54122-000004	Right Seat 2, Handle Tube Connecting	1
25	90001-000052	M8 x 45 Hex Flange Bolt, Blk Zn	2
26	90001-000038	M8 x 10 Hex Flange Bolt, Blk Zn	2
27	54110-000011	Handle, 508 x 403 x 25	1
28	54101-000006	Handle Sheath, PMS 109C	1
29	90103-000007	M4 x 16 Screw, Blk Zn	2
30	51002-000015	Engine base plate 1	1

#	Part Number	Description	Qty.
31	54113-000002	Left Seat, Handle Tube Connecting	1
32	54113-000003	Right Seat, Handle Tube Connecting	1
33	90305-000011	M8 Hex Flange Nut, Blk Zn	2
34	90007-000021	M8 x 20 Hex Flange Bolt, Blk Zn	2
35	51198-000002	Sealing Strip, 15×5×(68+182+46+190), Left	1
36	71116-000002	Shipping Bolt, M8 x 1.25 x 11.5, Orange	4
37	51198-000001	Sealing Strip, 420×15×2	1
38	51150-000001	Crosspiece Assy, 583 × Ø28	1
39	51198-000009	Sealing Strip, 100×100×2	1
40	51198-000010	Sealing Strip, 70×10×2	1

FUEL TANK PARTS DIAGRAM

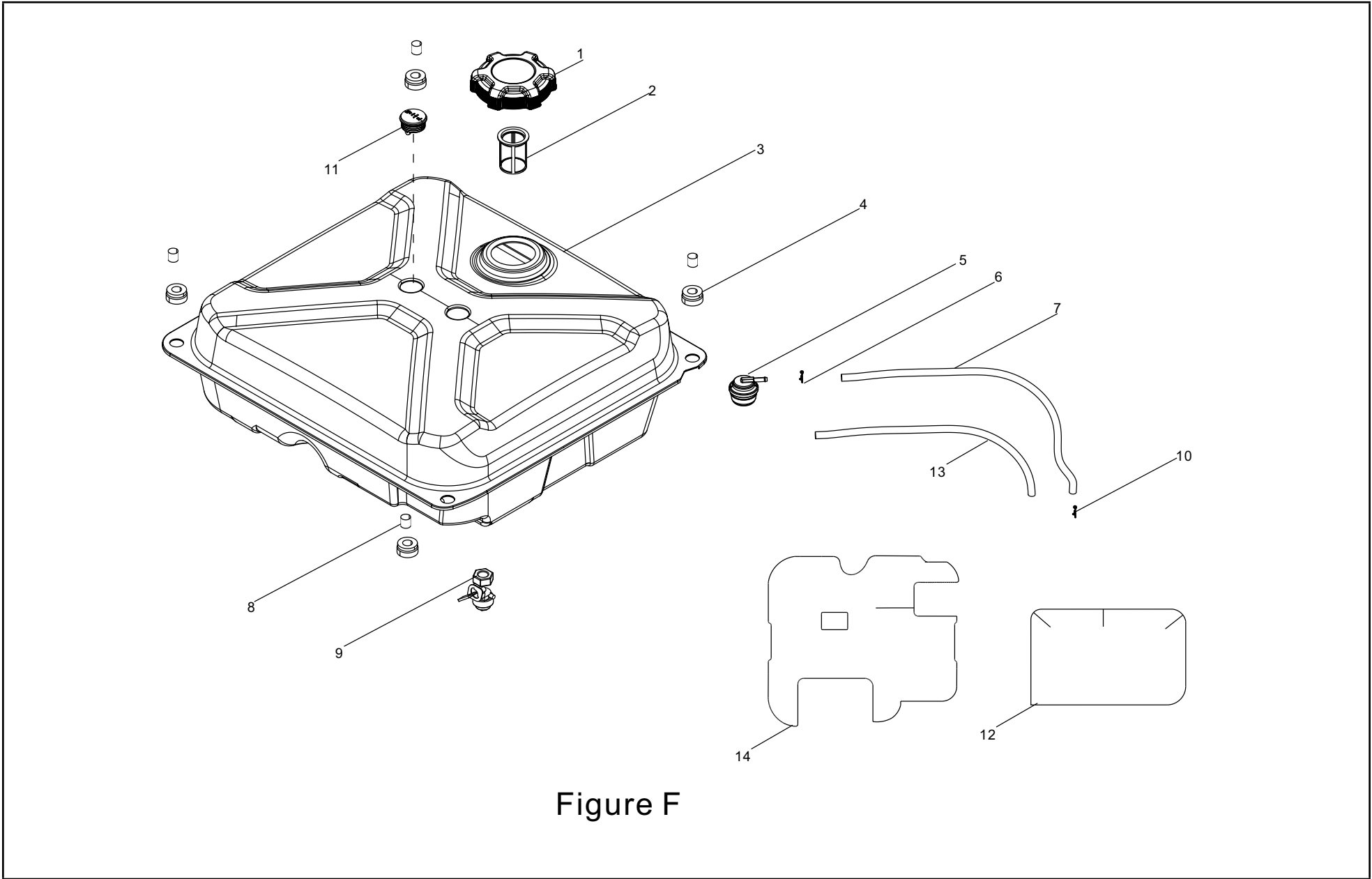


Figure F

FUEL TANK PARTS LIST

#	Part Number	Description	Qty.
1	16730-000010	Fuel Tank Cap	1
2	16652-000009	Fuel Filter	1
3	16620-000008	Fuel Tank, 20.2L, RT2020A	1
4	16601-000001	Rubber Sleeve, Vibration Mount, Fuel Tank	4
5	15150-000003	One Way Valve	1
6	90740-000005	Clamp, Ø9, White Zn	1
7	16805-000017	Connection Tube, Air Cleaner	1
8	90683-000001	Bushing, White Zn	4
9	16750-000009	Fuel Valve Assy	1
10	90685-000002	Clamp, Ø9 x 0.8 x 8, Dacromet	1
11	37200-000012	Fuel Gauge	1
12	82153-000007	Heat Insulation Cotton 2	1
13	30431-000007	Rubber Sleeve, Ø9.5 x Ø11 x 300	1
14	82153-000006	Heat Insulation Cotton 1	1

CONTROL PANEL PARTS DIAGRAM

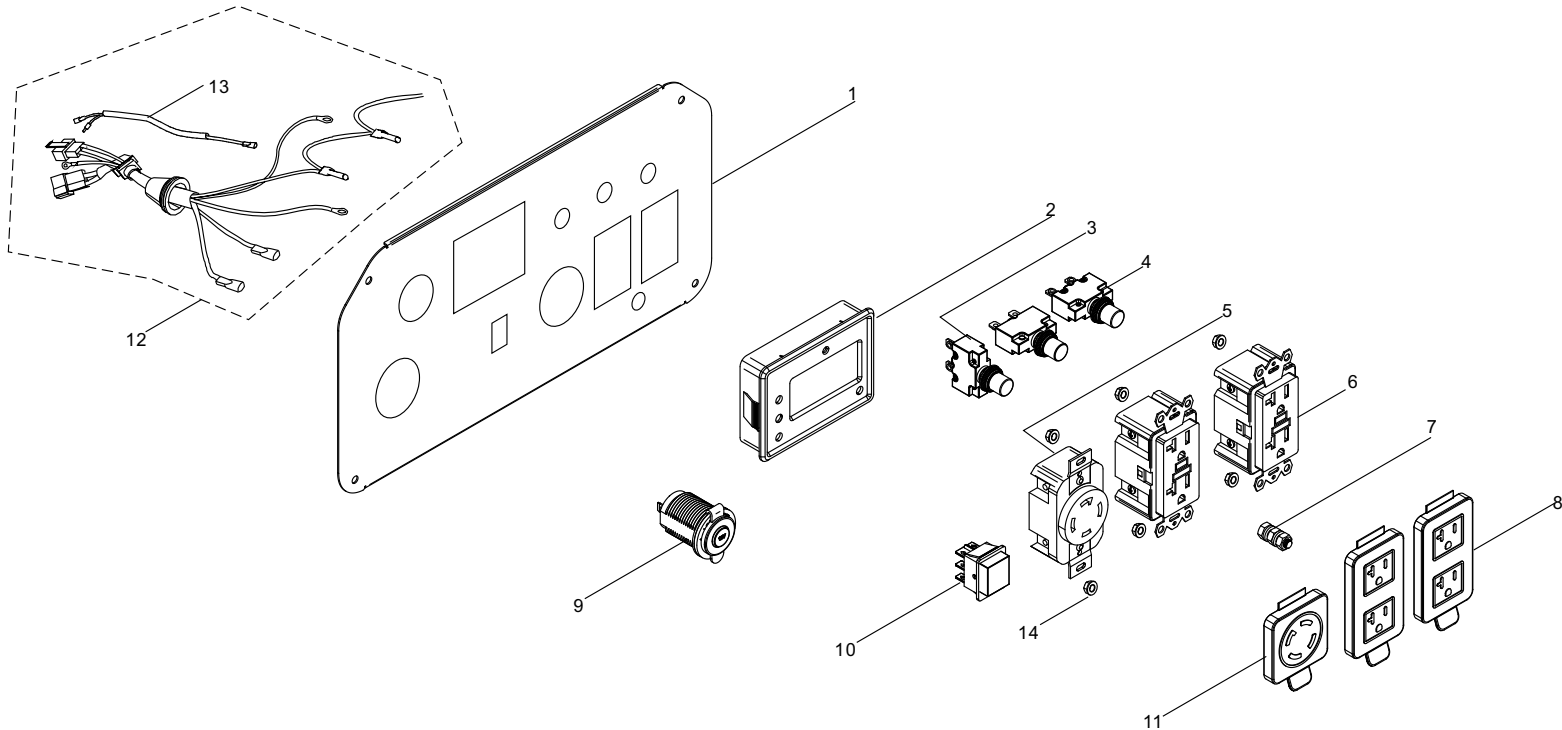


Figure G

CONTROL PANEL PARTS LIST

#	Part Number	Description	Qty.
1	35650-000003	Control Panel	1
2	35632-000002	Intelligauge, INT2GINV	1
3	31234-000002	Circuit Breaker, Push Button, 125/250V_8A	1
4	31234-000003	Circuit Breaker, Push Button, 125/250V_20A	2
5	35614-000004	L14-30R Receptacle, 30A, 125V/250V	1
6	35614-000018	Receptacle, 20A, 125V/125V, 5-20R GFCI	2
7	35629-000001	Ground Terminal Assy	1
8	35654-000013	Receptacle Cover, L14-30R	2
9	35619-000001	Automotive Receptacle, 12V DC	1
10	35160-000011	Switch Assy, Engine	1
11	35654-000010	Receptacle Cover, L14-30R	1
12	35660-000001	Wire Harness, Control Panel	1
13	90805-000004	Connecting Wires, Inverter	1
14	90305-000016	Hexagon Flange Nut, M4, White Zinc	6

WIRING DIAGRAM

