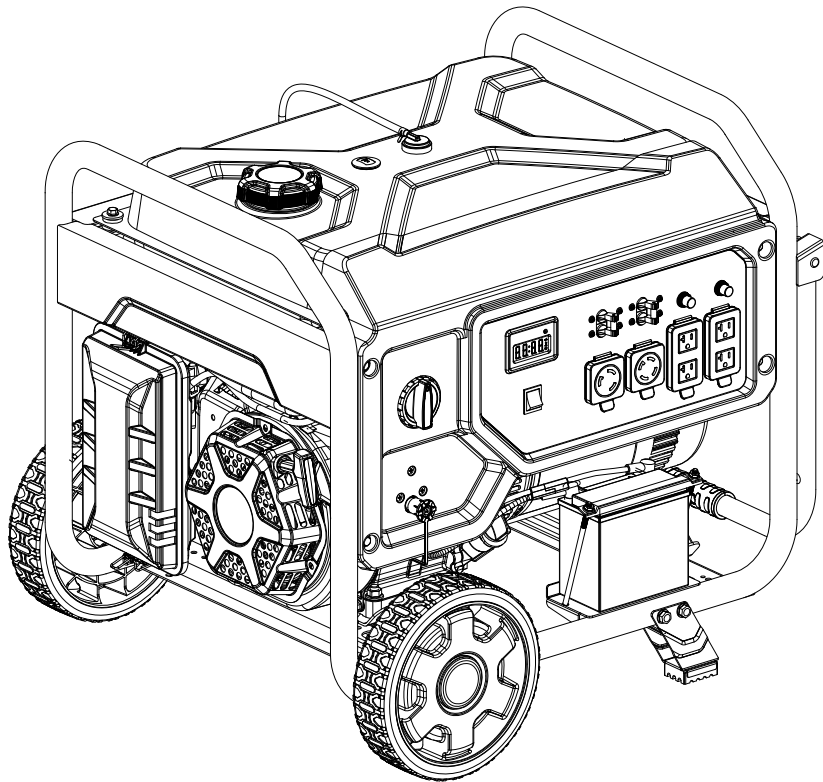


Champion Power Equipment, Inc.

**MODEL #201435**



## **PARTS INFORMATION**

**8500W DUAL FUEL ELECTRIC START 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

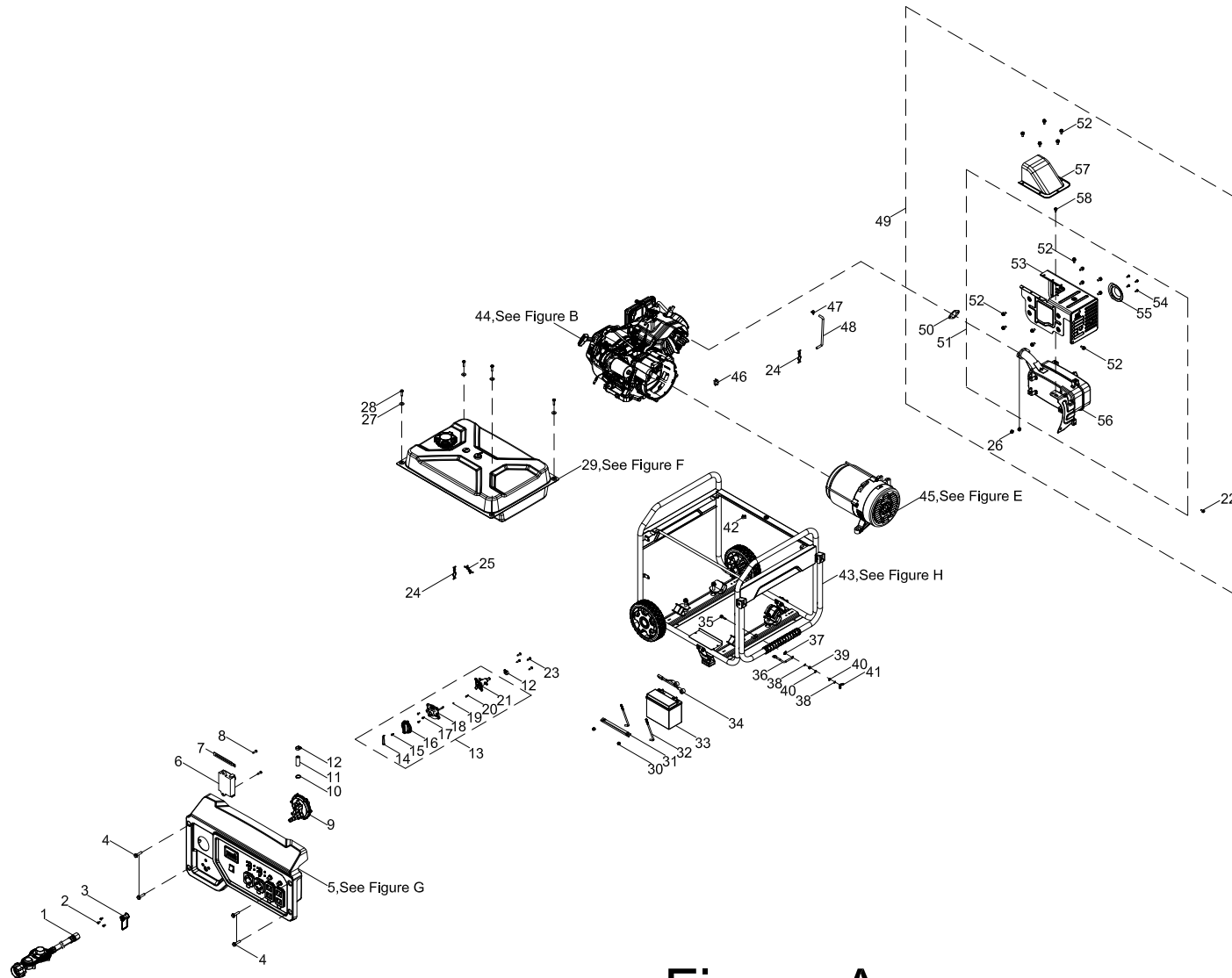


Figure A

**GENERATOR PARTS LIST**

#	Part Number	Description	Qty.
1	100712815-0001	LPG Hose With Regulator, 2m x 3/8" QC	1
2	100713896-0001	M5 x 16 Screw	3
3	100163911	Rubber Cover, LPG Regulator	1
4	100011264-0002	M6 x 16 Flange Bolt	4
5	100810969	Control Panel Assembly, See Figure G	1
6	5.1830.022	CO Shutdown Module	1
7	100062546	Wire Clip B	1
8	100010954-0002	M5 x 12 Screw	2
9	100714096	LPG Regulator	1
10	100110283	Clamp Ø17	1
11	100712236	LPG Hose, Regulator to Fuel Valve	1
12	100159468-0001	Clamp, Fuel Hose	2
13	100752923	Fuel Valve Assembly	1
14	100712234	Cover, Dial Knob	1
15	100031845-0002	M4 x 12 Screw	1
16	35643-YJP0111-Q2A0	Fuel Dial	1
17	100749867-0001	M4 x 12 Screw, GB9074.4	3
18	100753985	Mounting Seat, Fuel Dial	1
19	100717043	Steel Ball	1
20	100717046	Fuel Dial Spring	1
21	100718049	Fuel Valve	1
22	100011311-0005	M8 x 16 Flange Bolt	2
23	100093250-0002	ST4.8 x 20 Self-Tapping Screw	4
24	100714686	Clamp 2	2
25	100000658	Clamp	1
26	100011422-0004	M8 Flange Nut	2
27	100010439-0001	Washer Ø6.5 x 2 x Ø25	4
28	100011268-0002	M6 x 25 Flange Bolt	4
29	100734658	Fuel Tank Assembly, See Figure F	1
30	100011452-0003	M6 Flange Lock Nut	2

#	Part Number	Description	Qty.
31	100021372-0017	Battery Pressing Plate, 184 mm	1
32	100021362-0003	Battery Fixing Bolt	2
33	100021409	Battery, 12V 14Ah	1
34	100752661	DC Wire Harness, Battery	1
35	100011269-0003	M6 x 28 Flange Bolt	1
36	100746237	Grounding Wire	1
37	100128826-0001	Toothed Lock Washer Ø6	1
38	100010886-0004	Spring Washer Ø6	2
39	100011421-0003	M6 Flange Nut	1
40	100010920-0002	Flat Washer Ø6	2
41	100010828-0002	M6 Butterfly Type Nut	1
42	100000667	Clamp Ø8 x 8	1
43	100796732	Frame Assembly, See Figure H	1
44	1ZC7DCV84	Engine, 459 cc	1
45	100728168	Alternator Assembly, See Figure E	1
46	100018704	Rubber Plug	1
47	100005148	Clamp 1, Ø8	1
48	100764317	Vent Tube, 740mm	1
49	100733016	Muffler Assembly	1
50	100735662	Exhaust Pipe Gasket	1
51	100724958	Muffler Subassembly	1
52	100097575-0001	M6 x 10 Flange Bolt	15
53	100714387	Muffler Guard	1
54	100147110-0002	M4 x 8 Flange Bolt	4
55	100714398	Spark Arrester Assembly	1
56	100731805	Muffler	1
57	100163910-0001	Air Guide, Muffler	1

# ENGINE PARTS DIAGRAM

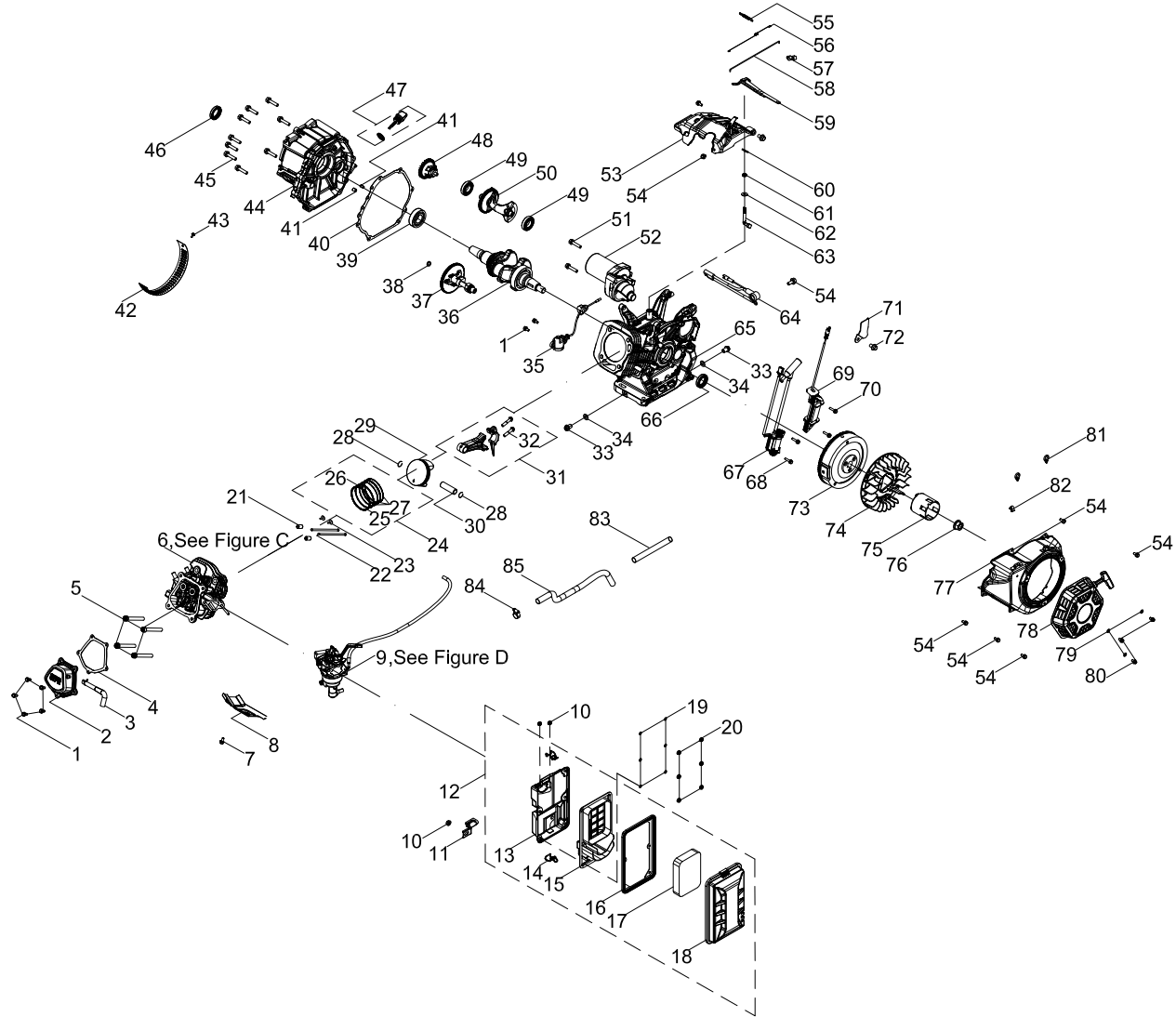


Figure B

**ENGINE PARTS LIST**

#	Part Number	Description	Qty.
1	100011264-0003	M6 x 16 Flange Bolt, GB5789	7
2	100002337	Cylinder Head Cover	1
3	100715570	Breather Tube	1
4	100055922	Cylinder Head Cover Gasket	1
5	100002470	M10 x 1.25 x 87 Flange Bolt	4
6	100727937	Cylinder Head Assembly - See Figure C	1
7	100011260-0005	M6 x 10 Flange Bolt	1
8	100007097	Lower Air Guide	1
9	100732996	Carburetor Assembly - See Figure D	1
10	100011452-0003	M6 Flange Lock Nut	3
11	100021032	Air Cleaner Support Bracket	1
12	100712978	Air Filter Assembly	1
13	100714346	Air Filter Base	1
14	100714345	Air Filter Clip	2
15	100714344	Air Filter Separator	1
16	100714343	Air Filter Cover Gasket	1
17	100713882	Air Filter Element	1
18	100714350	Air Filter Cover	1
19	100010430	Washer Ø6 x 1 x Ø12	6
20	100011451-0003	M5 Flange Nut	6
21	100010562	Dowel Pin Ø12 x 20	2
22	100149152	Push Rod	2
23	100149154	Valve Lifter	2
24	100003265	Piston Ring Set	1
25	100003168	1st Piston Ring	1
26	100003210	2nd Piston Ring	1
27	100003295	Oil Ring	1
28	100003225	Circlip, Wrist Pin	2
29	100030224	Piston	1
30	100003132	Wrist Pin	1

#	Part Number	Description	Qty.
31	100719493	Connecting Rod Assembly	1
32	100003432	Bolt, Connecting Rod	2
33	100010275	M12 x 1.5 x 15 Drain Bolt	2
34	100010467	Washer Ø12 x 1.5 x Ø15	2
35	100094024	Oil Level Sensor	1
36	100711963	Crankshaft	1
37	100711980	Camshaft	1
38	100010521-0001	Washer Ø16.2 x 0.3 x Ø24	1
39	100010789	Bearing TM6207E - P64	1
40	100746648	Crankcase Cover Gasket	1
41	100010549	Dowel Pin Ø8 x 12	2
42	100141250	Air Deflector	1
43	100011248-0003	M5 x 10 Flange Bolt	1
44	100712041	Crankcase Cover	1
45	100011323-0001	M8 x 38 Flange Bolt	9
46	100017653	Oil Seal Ø35 x Ø52 x 7, Spiral Grain	1
47	100004129-0008	Oil Dipstick Assembly	1
48	100008305	Governor Gear	1
49	100010742	Bearing TM6202 - P63	2
50	100150211	Balance Shaft	1
51	100011320-0002	M8 x 35 Flange Bolt	2
52	100752622	Starter	1
53	100715161	Air Guide, Engine Fan	1
54	100011261-0004	M6 x 12 Flange Bolt, GB5789	9
55	100717724	Governor Spring	1
56	100007927	Throttle Return Spring	1
57	100090559	Clamp	1
58	100090516	Governor Rod	1
59	100090515	Governor Arm	1
60	100007989	Cotter, Governor Shaft	1

#	Part Number	Description	Qty.
61	100017631	Oil Seal Ø8 x Ø14 x 4	1
62	100010518-0001	Washer Ø8 x 0.8 x Ø20	1
63	100007980	Governor Shaft	1
64	100752662	DC Wire Harness	1
65	100711174-0001	Crankcase	1
66	100017649	Oil Seal Ø35 x Ø52 x 7	1
67	100730943	Ignition Module	1
68	100011269-0003	M6 x 28 Bolt	2
69	100752617	Ignition Coil	1
70	100033038-0002	M6 x 32 Flange Bolt	2
71	100009463	Pressing Plate	1
72	100011213-0001	M6 x 8 Flange Bolt	1
73	100097517	Flywheel	1
74	100007043	Fan, Engine Cooling	1
75	100007562	Starter Pulley	1
76	100011460-0001	M16 x 1.5 Flange Nut	1
77	100716802-0001	Fan Cover, Yellow	1
78	100715836-0002	Recoil Starter, Black	1
79	100010920-0001	Washer Ø6	3
80	100011565-0002	M6 x 10 Flange Bolt, GB16674.1	3
81	100060808	Clamp	2
82	100000667	Clamp Ø8 x 8	1
83	100713891	Sleeve, Fuel Hose, Ø20 x 150	1
84	100159468-0001	Clamp, Fuel Hose	1
85	100713889	Fuel Tube, Ø9 x Ø17 x 410	1

## CYLINDER HEAD PARTS DIAGRAM

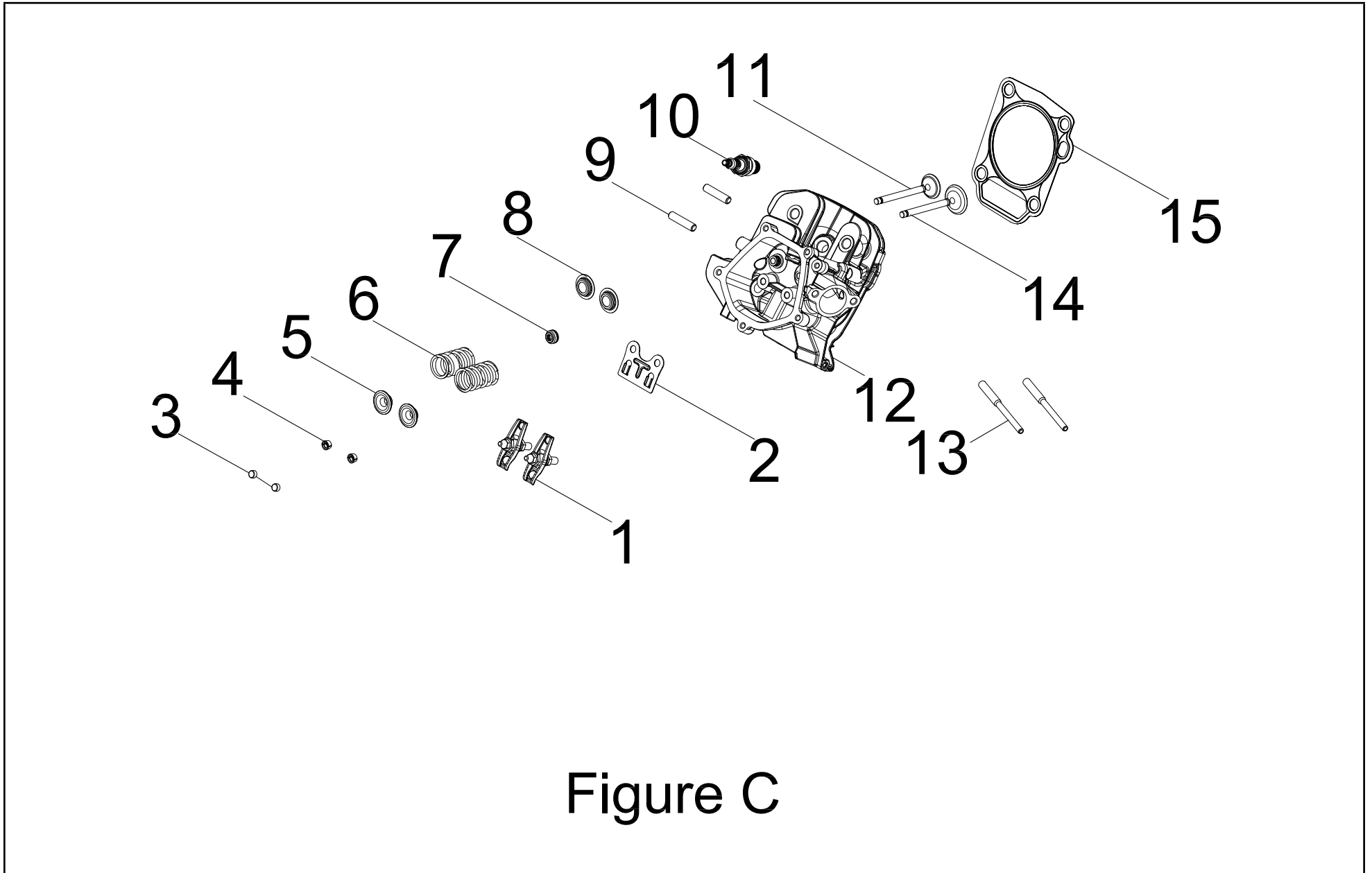


Figure C



**CYLINDER HEAD PARTS LIST**

#	Part Number	Description	Qty.
1	100149155	Rocker Arm Assembly	2
2	100748373	Guide Plate, Push Rod	1
3	100004589	Valve Retainer	2
4	100004576	Valve Collet	4
5	100004516	Valve Spring Seat, Upper	2
6	100067633	Valve Spring	2
7	100004602	Oil Seal, Intake Valve	1
8	100004575	Valve Spring Seat, Lower	2
9	100010389	M8 x 35 Stud Bolt	2
10	100009378	Spark Plug F6RTC	1
11	100719490	Exhaust Valve	1
12	100715291	Cylinder Head	1
13	100010364	M6-8 x 104 Stud Bolt	2
14	100719491	Intake Valve	1
15	100150209	Cylinder Head Gasket	1

# CARBURETOR PARTS DIAGRAM

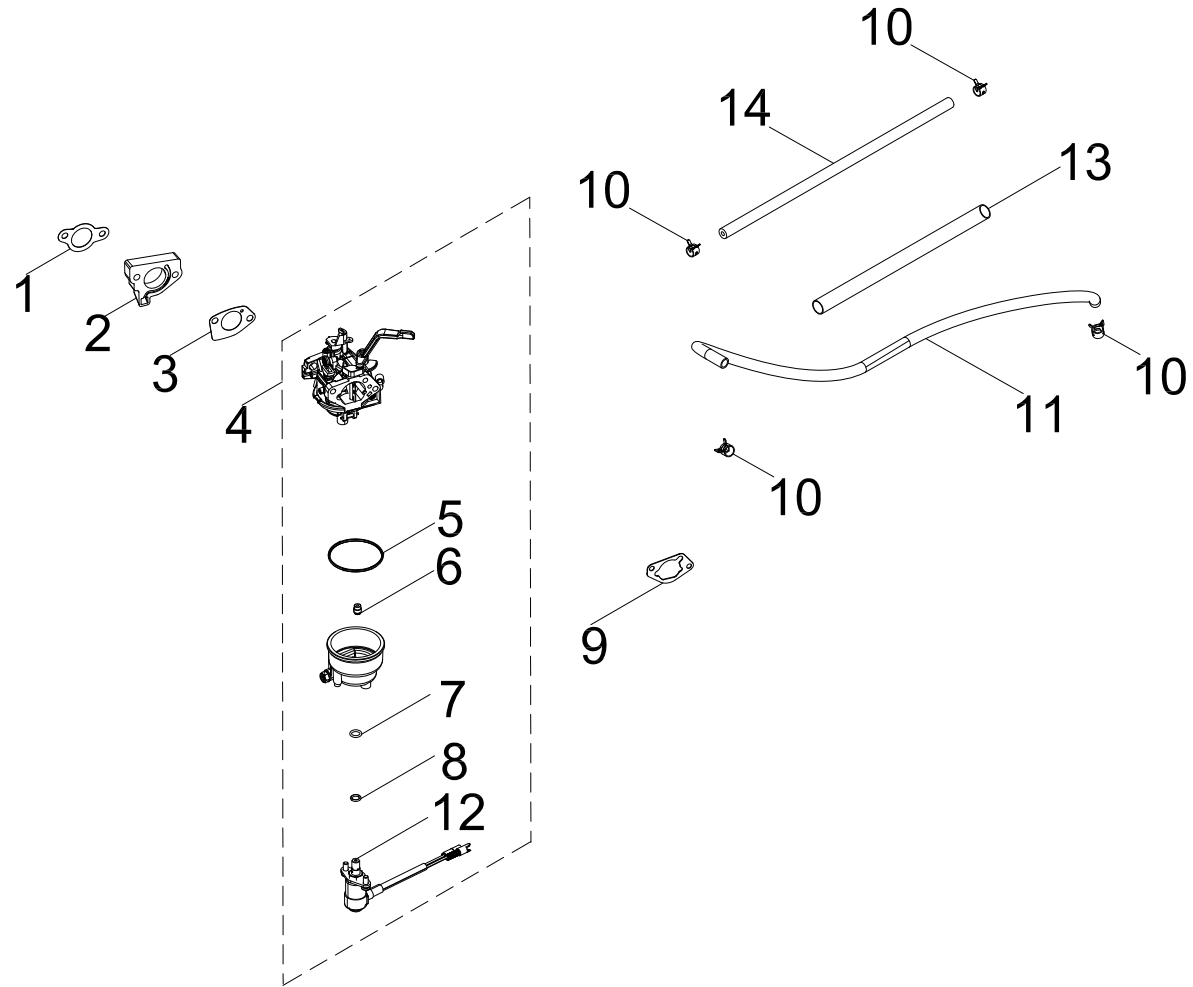


Figure D

**CARBURETOR PARTS LIST**

#	Part Number	Description	Qty.
1	100076230	Insulator Gasket	1
2	100005618	Carburetor Insulator	1
3	100076228	Carburetor Gasket	1
4	100713991	Carburetor Assembly	1
5	100005720	Fuel Bowl O-Ring	1
6	100073693	Main Jet Standard (114)	1
	100125928	Main Jet Altitude 1000-3000m (112)	/
7	100130186	O-Ring, Solenoid Valve Base	1
8	100130185	O-Ring, Solenoid Valve	1
9	100076229	Air Filter Gasket	1
10	100005138	Clamp Ø9.5 x 8	4
11	100747342	Fuel Tube, Fuel Valve to Carburetor	1
12	100718072	Solenoid Valve	1
13	100758315-0001	Fuel Hose Jacket	1
14	100747340	Fuel Tube, Fuel Tank to Valve	1

# ALTERNATOR PARTS DIAGRAM

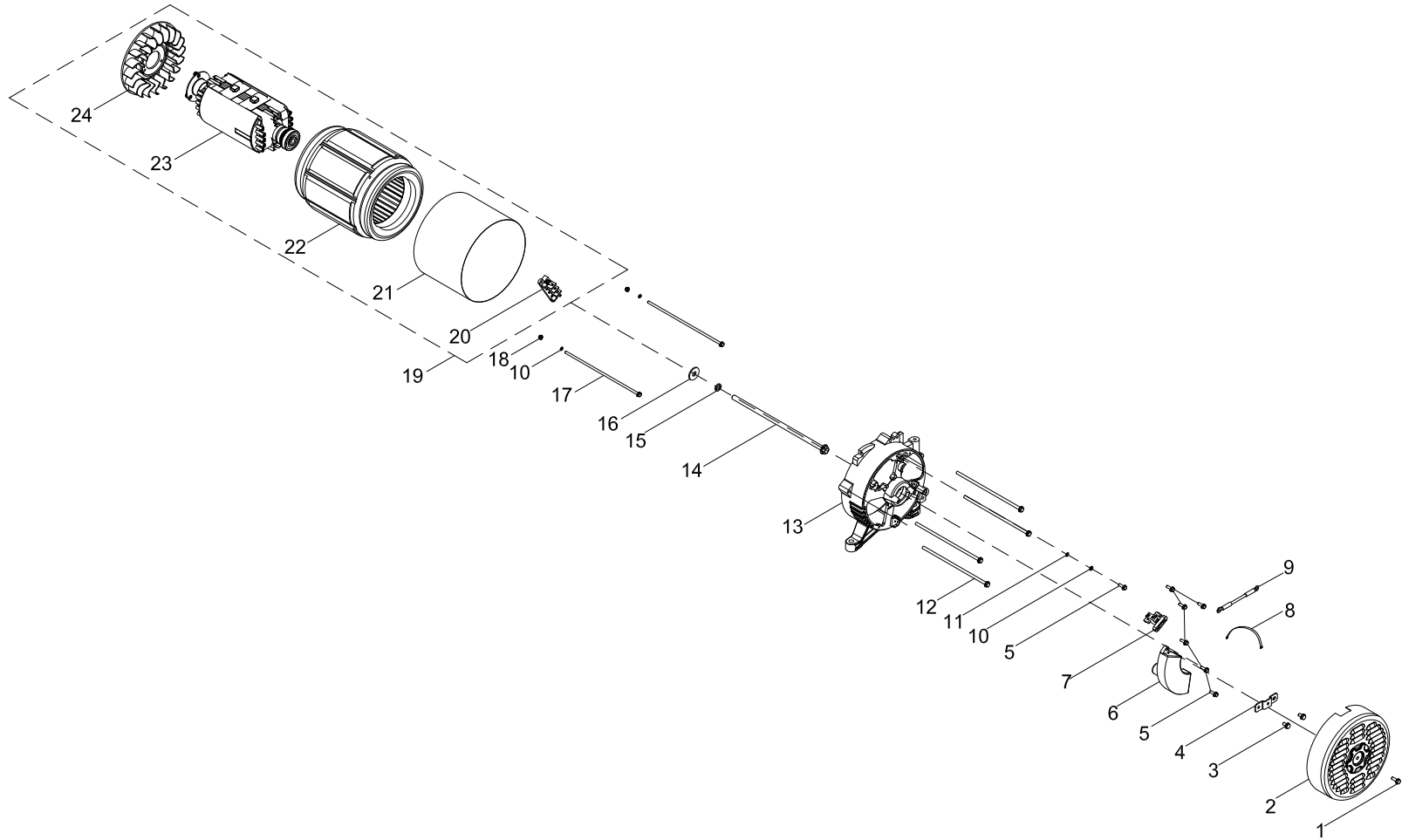


Figure E

**ALTERNATOR PARTS LIST**

#	Part Number	Description	Qty.
1	100011570-0007	M6 x 12 Big Flange Bolt	1
2	100018662-0001	Generator End Cover, Yellow	1
3	100011250-0002	M5 x 14 Flange Bolt	2
4	100020167	End Cover Support	1
5	100011252-0001	M5 x 18 Flange Bolt	7
6	100749191	AVR	1
7	100018595	Carbon Brush Assembly	1
8	100000563	Cable Ties, L=85 mm	1
9	100746230	Grounding Wire 1	1
10	100010885-0004	Spring Washer Ø5	3
11	100010919-0002	Flat Washer Ø5	1
12	100011305-0001	M6 x 200 Flange Bolt	4
13	100725617	End Housing	1
14	100011400-0001	M10 x 1.25 x 285 Flange Bolt	1
15	100010888-0002	Spring Washer Ø10	1
16	100010905-0001	Washer Ø10	1
17	100011414-0001	M5 x 229 Flange Bolt	2
18	100011419-0001	M5 Flange Nut	2
19	100724466	Alternator Assembly, Al, Ø204 x 160 mm	1
20	100018701	Terminal Block	1
21	100726093	Stator Cover, 152.5 mm	1
22	100727878	Stator Assembly, Al, Ø204 x 160 mm	1
23	100727879	Rotor Assembly, Al, Ø119 x 160 mm	1
24	100007025	Cooling Fan	1

## FUEL TANK PARTS DIAGRAM

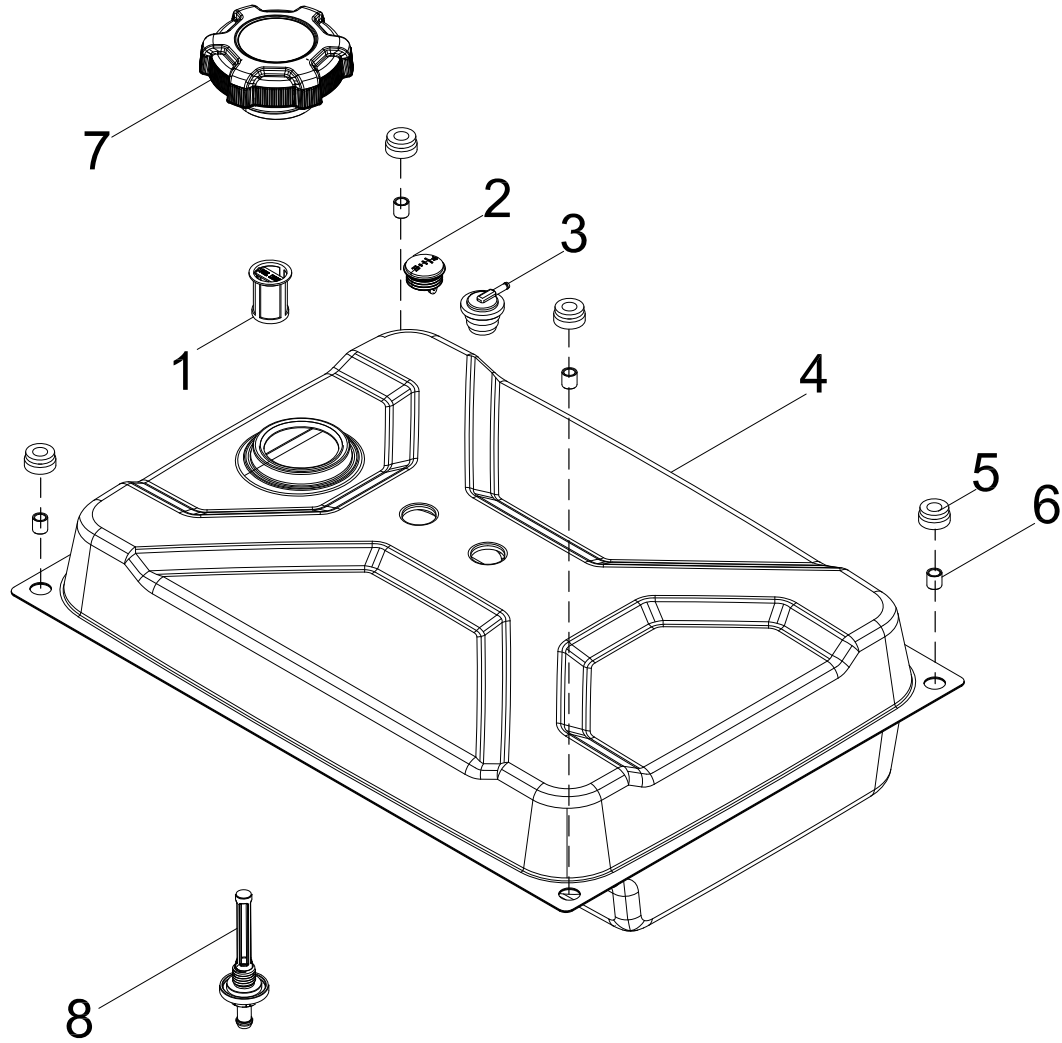


Figure F

**FUEL TANK PARTS LIST**

#	Part Number	Description	Qty.
1	100098838	Fuel Filter Assembly	1
2	100714393	Fuel Gauge	1
3	100008968	Reversal Valve	1
4	100714399-0001	Fuel Tank, 29.1L, 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	Fuel Tank Nipple	1

# CONTROL PANEL PARTS DIAGRAM

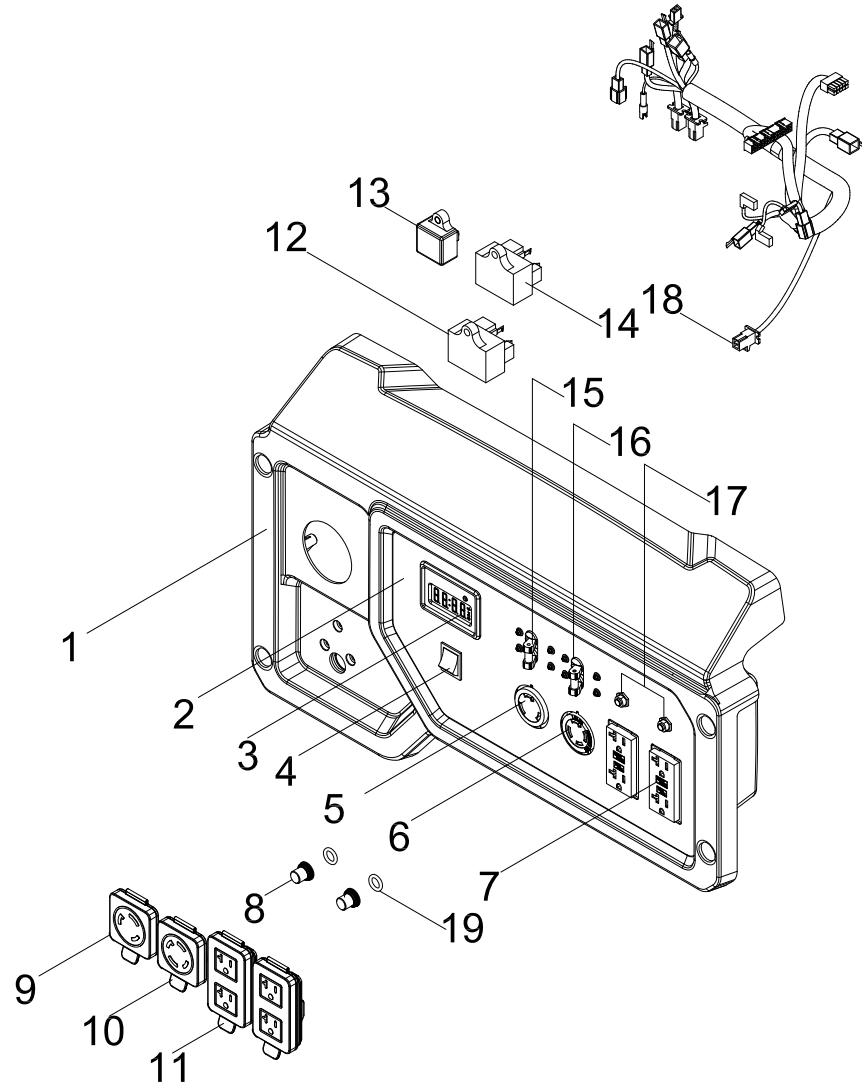


Figure G



**CONTROL PANEL PARTS LIST**

#	Part Number	Description	Qty.
1	100160006-0001	Control Panel Housing	1
2	100810969	Control Panel	1
3	100730999	Intelligauge, INT10F	1
4	100714233	Engine Switch, Red	1
5	100020005	Receptacle L5-30R	1
6	100020021	Receptacle L14-30R	1
7	100052461-0001	Receptacle 5-20R, GFCI Duplex	2
8	100120180	Breaker Cover	2
9	100731573	Receptacle Cover, L5-30R	1
10	100731571	Receptacle Cover, L14-30R	1
11	100731574	Receptacle Cover, 5-20R, Duplex	2
12	100713001	Controller Module, Solenoid Valve	1
13	100783059	Charger	1
14	100728387	OVF Module	1
15	100727088	35 Amp Circuit Breaker, Flip Pole	1
16	100019957	30 Amp Circuit Breaker, Flip Pole	1
17	100019754	20Amp Circuit Breaker, Push Button	2
18	100810971	Wire Harness Assembly	1
19	100031552	O-Ring	2

# FRAME ASSEMBLY PARTS DIAGRAM

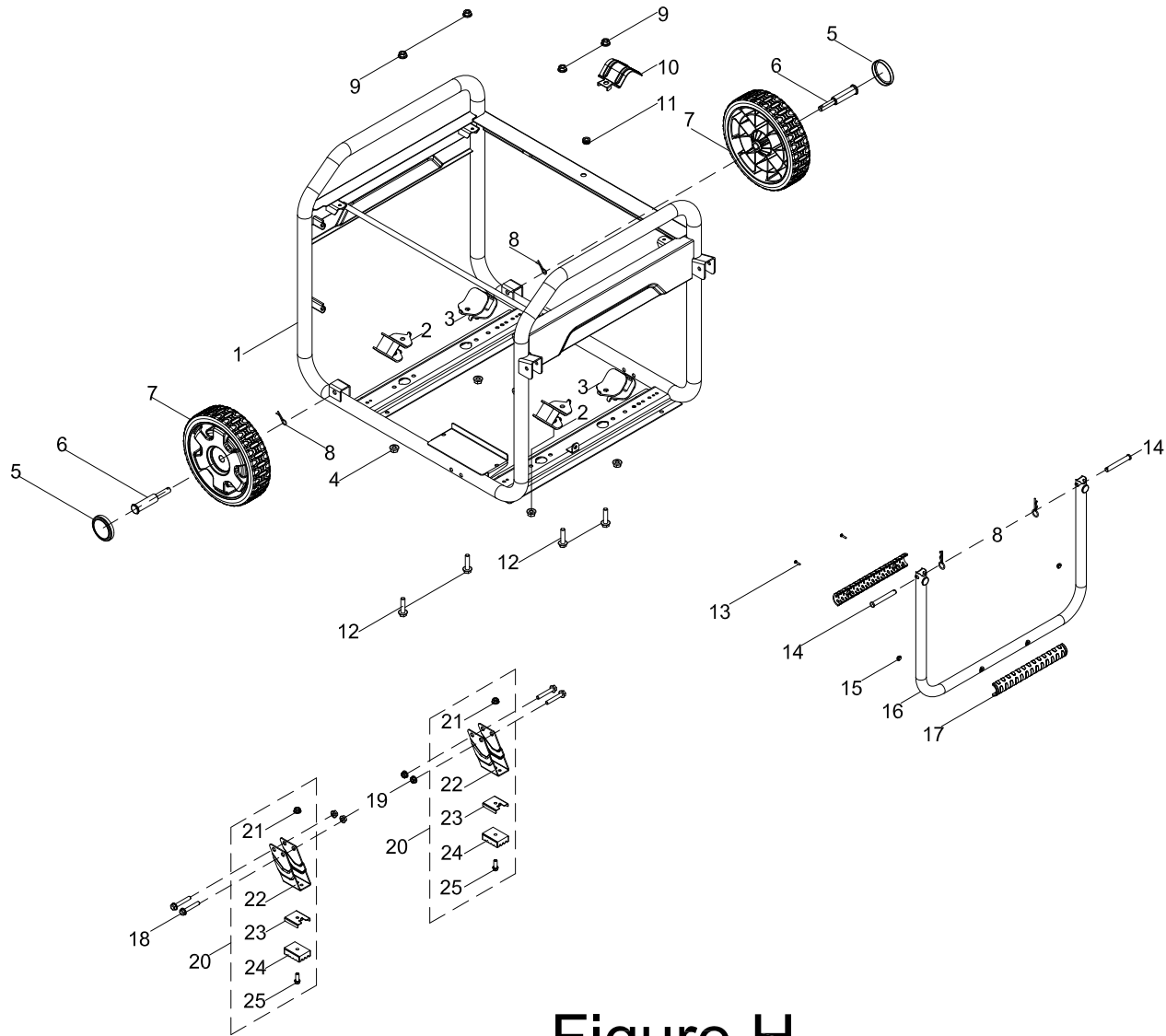


Figure H

**FRAME ASSEMBLY PARTS LIST**

#	Part Number	Description	Qty.
1	100788626-0001	Frame	1
2	100031984	Vibration Mount 2	2
3	100068992	Vibration Mount 1	2
4	100011453-0003	M8 Flange Lock Nut	4
5	100712243-0001	Wheel Cover, Yellow	2
6	100714025	Roll Pin Ø10	2
7	100163346-0001	9.5 In. Wheel, Yellow	2
8	100714685-0001	R-pin	4
9	100011456-0003	M10 x 1.25 Flange Nut	4
10	100021029-0001	Heat Shield	1
11	100009075	Rubber Damper	1
12	100011381-0002	M10 x 1.25 x 40 Flange Bolt	4
13	100095857-0005	M4 x 18 Flange Bolt	2
14	100011047-0003	Roll Pin Ø8 x 40	2
15	100078853	Handle Damping Pad	2
16	100160069-0001	Handle	1
17	100711157	Handle Grip	1
18	100011330-0001	M8 x 48 Flange Bolt	4
19	100011453-0002	M8 Flange Nut, GB6177.1	4
20	100163347-0001	Support Leg Assembly	2
21	100011452-0003	M6 Flange Lock Nut	2
22	100711874-0001	Support Leg	2
23	100068623-0001	Stop Block	2
24	100058956	Vibration Mount, Support Leg	2
25	100011266-0004	M6 x 20 Flange Bolt	2

# WIRING DIAGRAM

