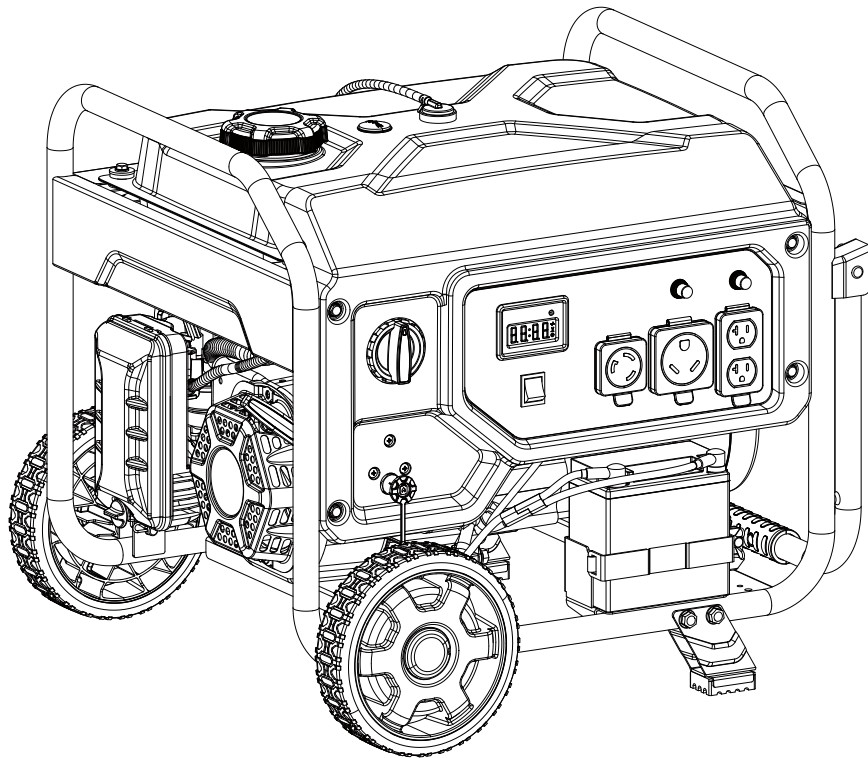




Champion Power Equipment, Inc.

**MODEL #201504**



## **PARTS INFORMATION**

**3650W 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

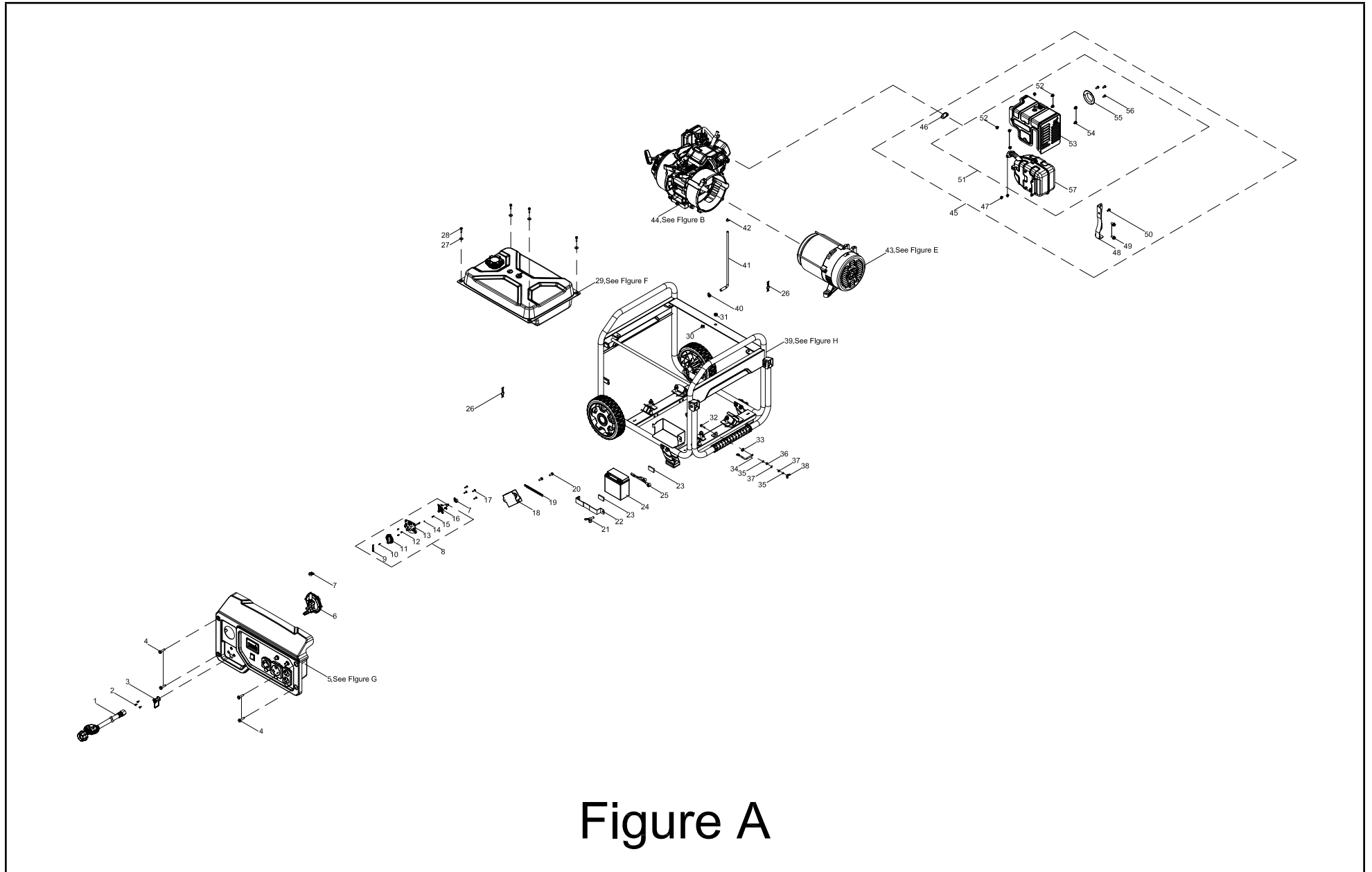


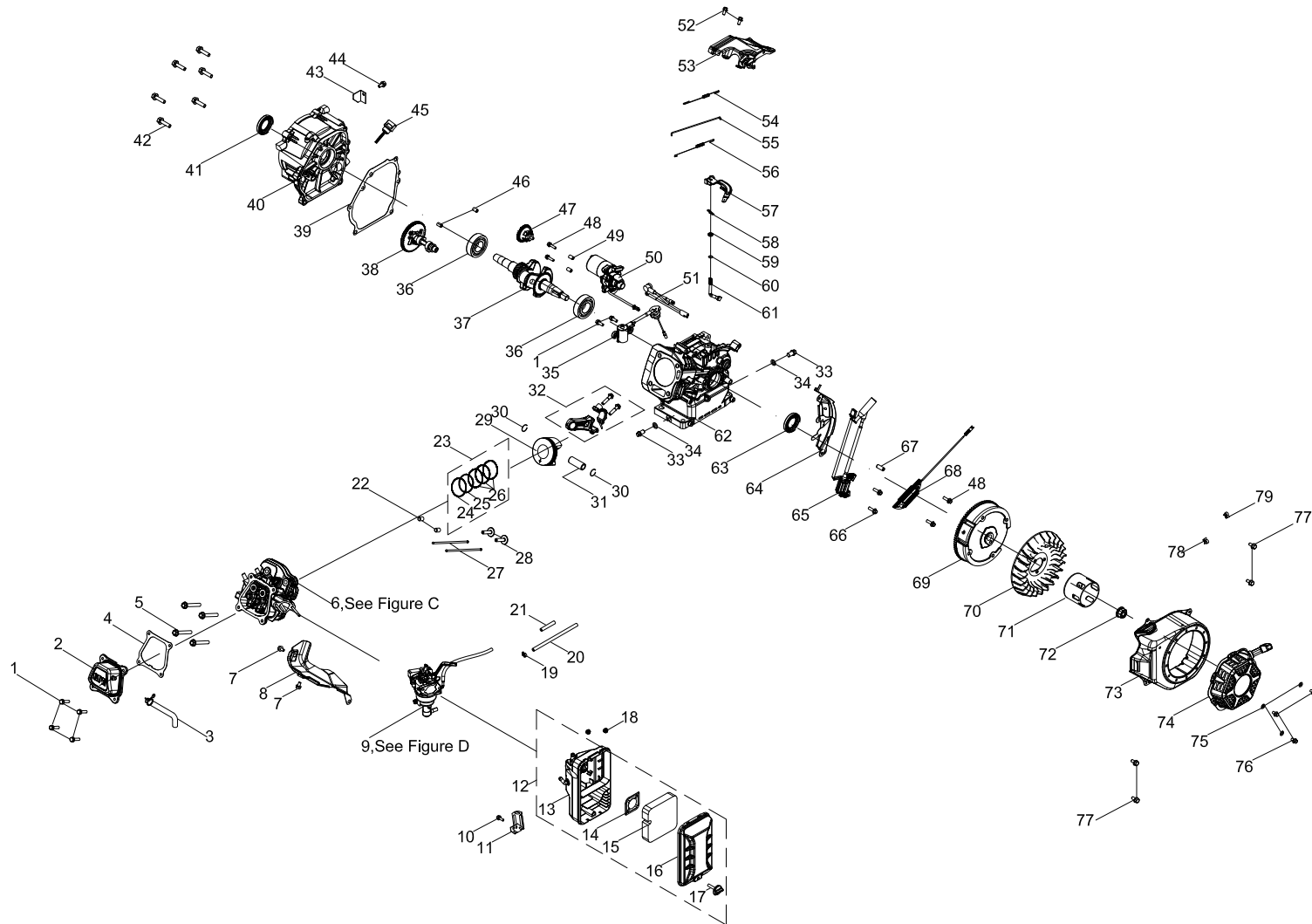
Figure A

## GENERATOR PARTS LIST

#	Part Number	Description	Qty.
1	100719472-0001	LPG Hose With Regulator, 2m x 5/16" 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	100747329	Control Panel Assembly, See Figure G	1
6	100811262	LPG Regulator Assembly	1
7	100159468-0001	Fuel Hose Clamp	2
8	100752923	Fuel Valve Assembly	1
9	100712234	Dial Knob Cover	1
10	100031845-0002	M4 x 12 Screw	1
11	35643-YJP0111-Q2A0	Fuel Dial	1
12	100749867-0001	M4 x 12 Screw, GB9074.4	3
13	100753985	Mounting Seat, Fuel Dial	1
14	100717043	Steel Ball	1
15	100717046	Fuel Dial Spring	1
16	100718049	Fuel Valve	1
17	100093250-0002	Self-tapping Screw ST4.8 x 20	4
18	5.1830.022	CO Shutdown Module	1
19	100062546	Wire Clip B	1
20	100010954-0002	M5 x 12 Screw	2
21	100090978	M6 x 16 Butterfly Type Bolt	1
22	100099572-0001	Pressing Plate, Battery	1
23	100143536	Rubber Mat	2
24	100122390-0003	Battery, 12V 9Ah	1
25	100752661	Battery Connecting Wire 2	1
26	100714686	Clamp 2	2
27	100010439-0001	Washer Ø6.5 x 2 x Ø25	4
28	100011268-0002	M6 x 25 Flange Bolt	4
29	100735358	Fuel Tank Assembly, See Figure F	1
30	100000667	Clamp Ø8 x 8	1

#	Part Number	Description	Qty.
31	100009075	Rubber Damper	1
32	100011269-0003	M6 x 28 Flange Bolt	1
33	100128826-0001	Toothed Lock Washer Ø6	1
34	100009983	Grounding Wire	1
35	100010886-0004	Spring Washer Ø6	2
36	100011421-0003	M6 Flange Nut, GB6170	1
37	100010920-0002	Flat Washer Ø6	2
38	100010828-0002	M6 Butterfly Type Nut	1
39	100811370	Frame Assembly, See Figure H	1
40	100005159	Clamp Ø10.5 x 8	1
41	100720118-0001	Vent Tube	1
42	100005148	Clamp 1, Ø8	1
43	100733749	Alternator Assembly, See Figure E	1
44	1ZC7DCV49	Engine	1
45	100733751	Muffler Assembly	1
46	100757369	Muffler Gasket	1
47	100011422-0004	M8 Flange Nut	2
48	100751213-0001	Muffler Bracket	1
49	100011230-0002	M8 x 16 Flange Bolt, GB5787	2
50	100011261-0004	M6 x 12 Flange Bolt	1
51	100716097-0001	Muffler Subassembly	1
52	100097575-0002	M6 x 10 Flange Bolt	3
53	100724737	Muffler Guard	1
54	100721012-0002	M6 x 8 Flange Bolt, QC340	5
55	100724738	Spark Arrester Assembly	1
56	100147110-0002	M4 x 8 Flange Bolt	3
57	100724736	Muffler	1

# ENGINE PARTS DIAGRAM



## Figure B

**ENGINE PARTS LIST**

#	Part Number	Description	Qty.
1	100011264-0003	M6 x 16 Flange Bolt, GB5789	6
2	100002335	Cylinder Head Cover(Cpe)	1
3	100719261	Breather Tube	1
4	100079562	Cylinder Head Cover Gasket	1
5	100002464-0001	M8 x 60 Flange Bolt	4
6	100724693	Cylinder Head Assembly - See Figure C	1
7	100011260-0005	M6 x 10 Flange Bolt	2
8	100007083	Lower Air Guide	1
9	100811048	Carburetor Assembly - See Figure D	1
10	100011570-0001	M6 x 12 Flange Bolt, GB16674	1
11	100021030	Air Cleaner Support Bracket	1
12	100720109	Air Filter Assembly	1
13	100727318	Air Filter Base	1
14	100005078	Air Filter Baffle	1
15	100004771	Air Filter Element	1
16	100087055	Air Filter Cover	1
17	100004949	Air Filter Bolt	1
18	100011463-0002	M6 Flange Nut	2
19	100159468-0001	Clamp, Fuel Hose	1
20	100724125	Tube, Fuel, Ø9 x Ø17 x 320	1
21	100713891	Sleeve, Fuel Hose, Ø20 x 150	1
22	100010558	Dowel Pin Ø10 x 16	2
23	100003243	Piston Ring Set	1
24	100072134	1st Piston Ring	1
25	100072135	2nd Piston Ring	1
26	100072136	Oil Ring	1
27	100149269	Push Rod	2
28	100149234	Valve Lifter	2
29	100003086	Piston	1
30	100003221	Circlip	2

#	Part Number	Description	Qty.
31	100003123	Wrist Pin	1
32	100003446	Connecting Rod	1
33	100010272	Drain Bolt, M10 x 1.25 x 15	2
34	100010459	Washer Ø10 x 1.5 x Ø16	2
35	100161669	Oil Level Sensor	1
36	100010761	Bearing, TM6205	2
37	100085214	Crankshaft	1
38	100099599	Camshaft	1
39	100075572	Crankcase Cover Gasket	1
40	100002961	Crankcase Cover	1
41	100017651	Oil Seal Ø25 x Ø41.25 x 6, Spiral Grain	1
42	100011319-0001	M8 x 32 Flange Bolt	6
43	100020165	End Cover Support	1
44	100011261-0004	M6 x 12 Flange Bolt	1
45	100004105-0006	Oil Dipstick Assembly	1
46	100010550	Dowel Pin Ø8 x 14	2
47	100008298	Governor Gear	1
48	100011269-0003	M6 x 28 Flange Bolt	4
49	100010549	Dowel Pin Ø8 x 12	2
50	100752618	Electric Starter	1
51	100752662	Battery Connecting Wire	1
52	100011215-0001	M6 x 12 Flange Bolt	2
53	100086510	Air Guide, Engine Fan	1
54	100007840	Governor Spring	1
55	100007947	Governor Rod	1
56	100007920	Throttle Return Spring	1
57	100008417	Governor Arm	1
58	100007986	Governor Shaft Cotter	1
59	100017630	Oil Seal Ø6 x Ø11 x 4	1
60	100010113	Sealing Ring, Ø5.2 x 1.9	1

#	Part Number	Description	Qty.
61	100007975	Governor Shaft	1
62	100140972	Crankcase	1
63	100017644	Oil Seal Ø25 x Ø41.25 x 6	1
64	100007056	Lower Guard	1
65	100161478	Ignition Coil	1
66	100011268-0003	M6 x 25 Flange Bolt	2
67	100004217	Bushing Ø8 x Ø12 x 8	1
68	100752616	Charging Coil	1
69	100009508	Flywheel	1
70	100007028	Fan, Engine Cooling	1
71	100007550	Starter Pulley	1
72	100011459-0003	M14 x 1.5 Flange Nut	1
73	100724955-0001	Fan Cover, Yellow	1
74	100156547-0001	Recoil Starter, Black	1
75	100010920-0001	Washer Ø6	3
76	100011565-0002	M6 x 10 Flange Bolt, GB16674.1	3
77	100011262-0003	M6 x 14 Flange Bolt, GB5789	4
78	100052808	Clamp	1
79	100000671	Clip Ø13	1

# CYLINDER HEAD PARTS DIAGRAM

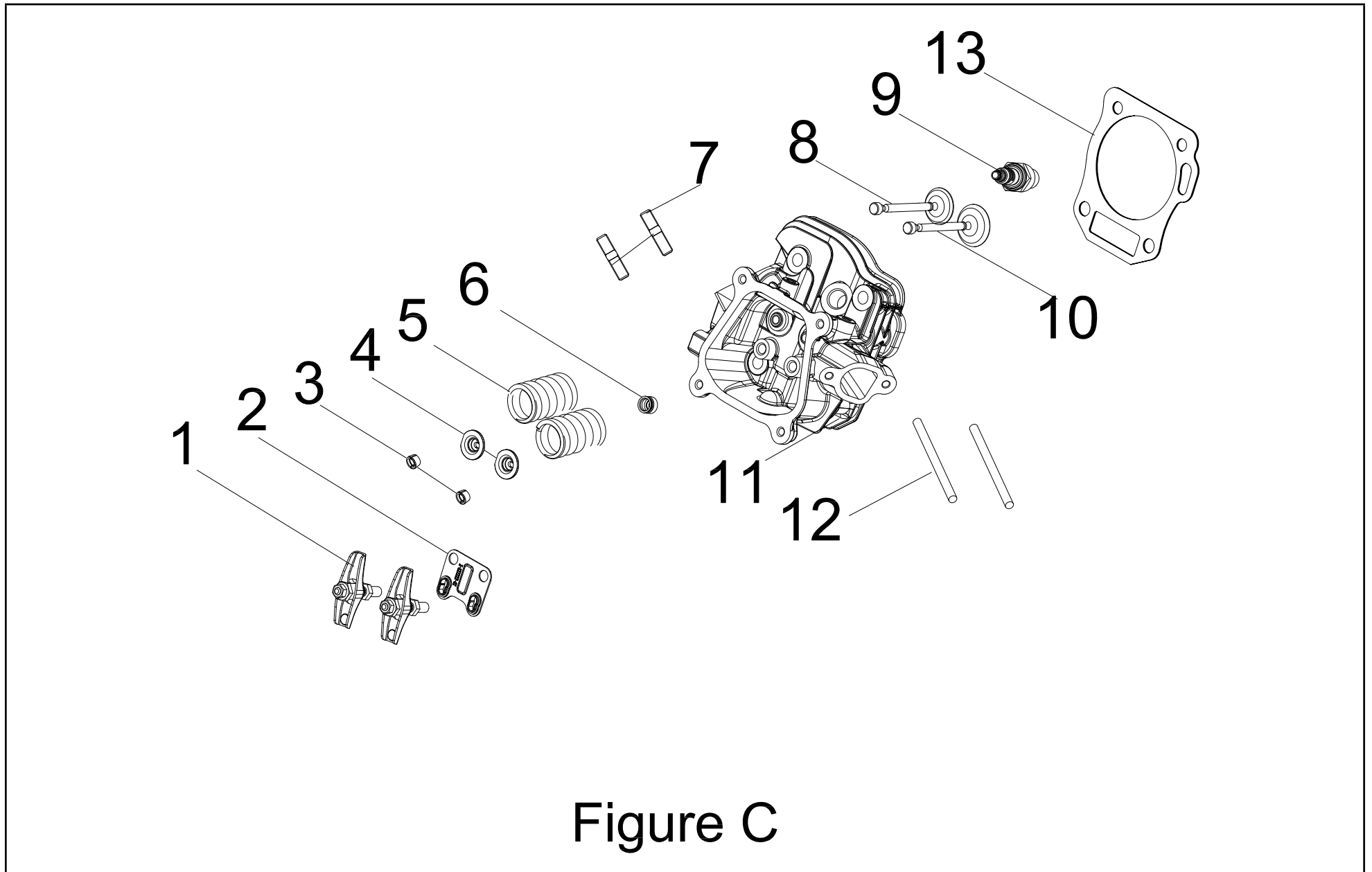


Figure C



**CYLINDER HEAD PARTS 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	M8 x 35 Stud Bolt	2
8	100713981	Exhaust Valve	1
9	100009378	Spark Plug F6RTC	1
10	100713980	Intake Valve	1
11	100716398	Cylinder Head	1
12	100010354	M6 x 96 Stud Bolt	2
13	100155656	Cylinder Head Gasket	1

# CARBURETOR PARTS DIAGRAM

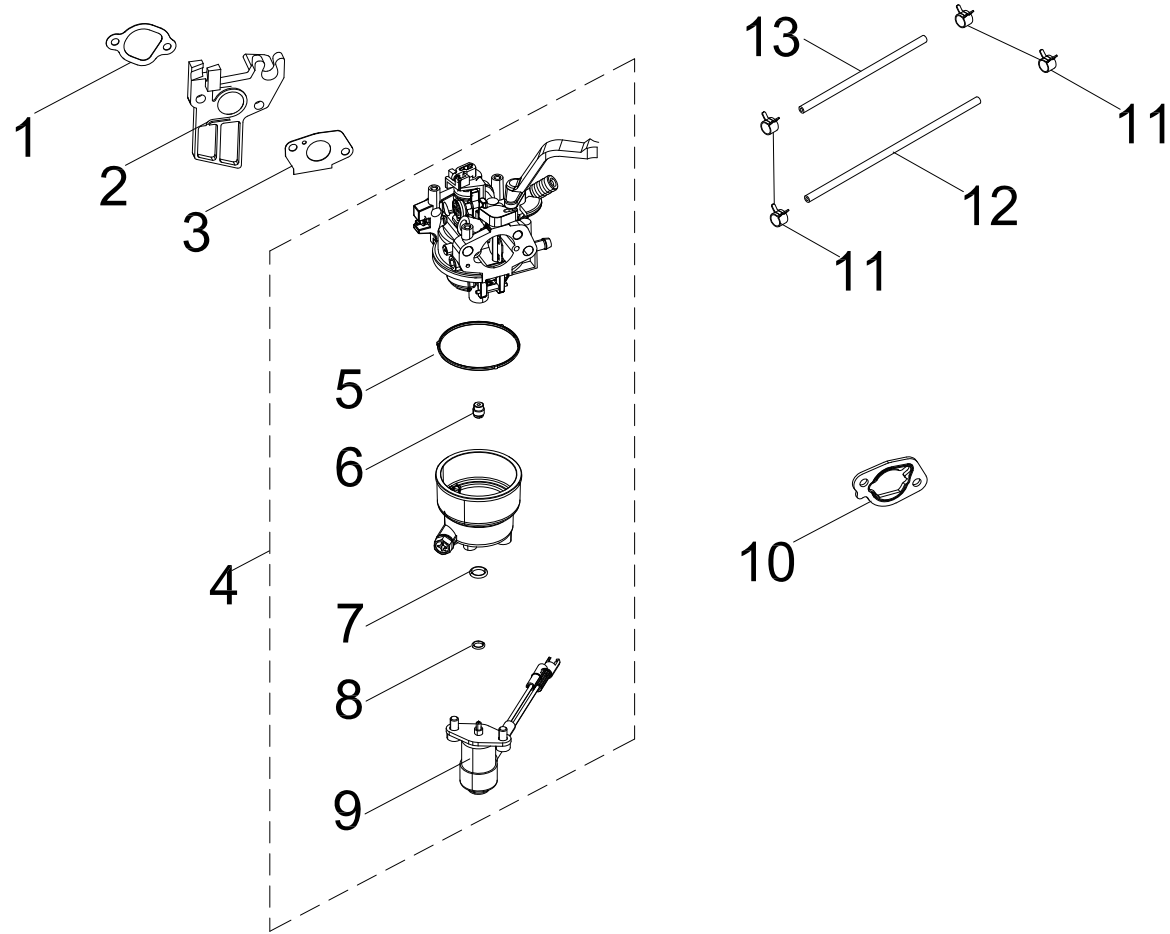


Figure D

**CARBURETOR PARTS LIST**

#	Part Number	Description	Qty.
1	100078607	Insulator Gasket	1
2	100005599	Carburetor Insulator	1
3	100078606	Carburetor Gasket 1	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	100718072	Solenoid Valve	1
10	100005629	Carburetor Gasket 2	1
11	100005138	Clamp Ø 9.5 x 8	4
12	100747341	Fuel Tube, Fuel Valve to Carburetor	1
13	100747339	Fuel Tube, Fuel Tank to Valve	1

# ALTERNATOR PARTS DIAGRAM

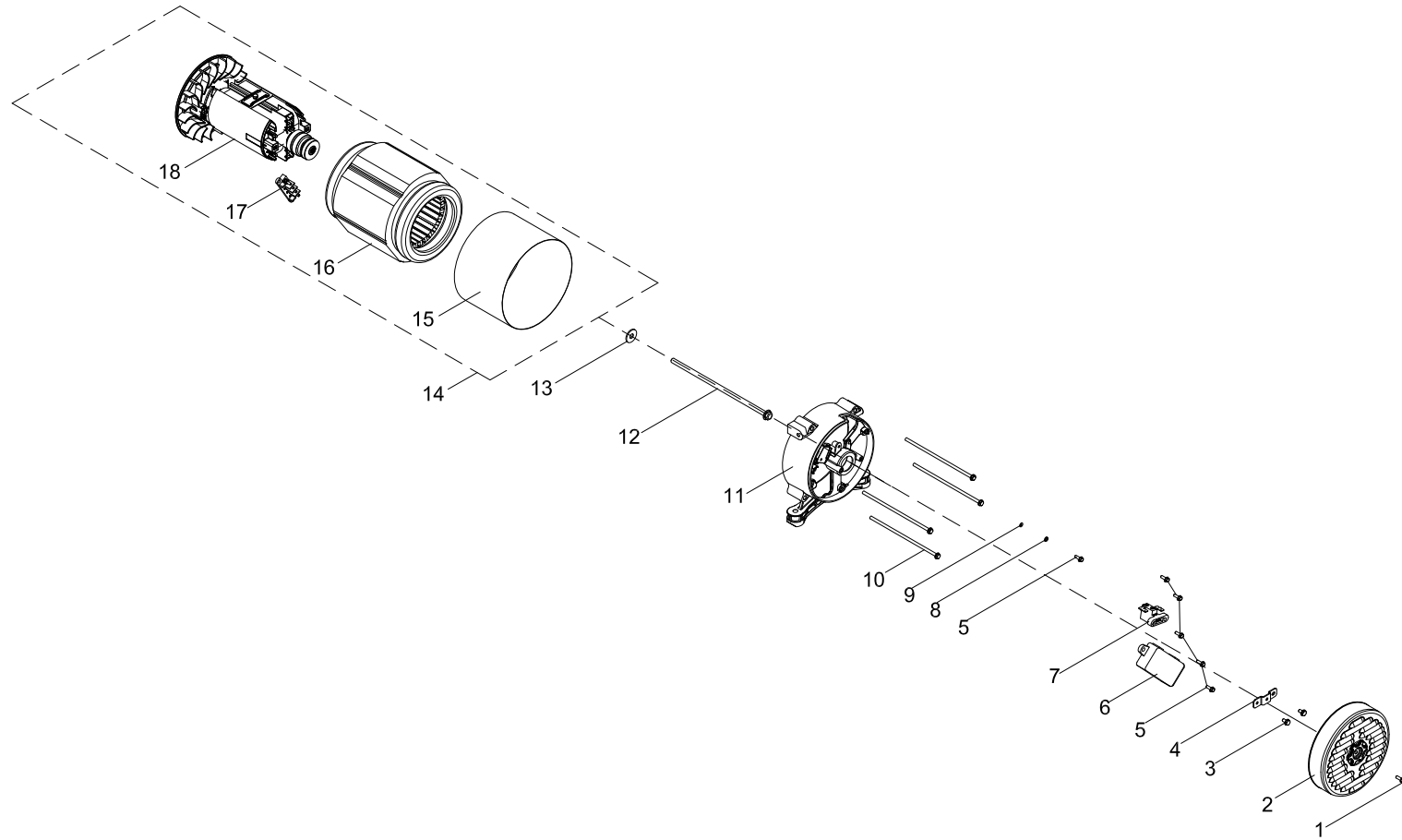


Figure E

**ALTERNATOR PARTS LIST**

#	Part Number	Description	Qty.
1	100011527-0004	M6 x 8 Flange Bolt	1
2	100717500-0001	Generator End Cover, Yellow	1
3	100011250-0002	M5 x 14 Flange Bolt	2
4	100722067	Support, End Cover	1
5	100011252-0001	M5 x 18 Flange Bolt	6
6	100750028	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	M6 x 175 Flange Bolt	4
11	100018567	End Housing	1
12	100148753-0001	M8 x 1 x 230 Flange Bolt	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 PARTS DIAGRAM

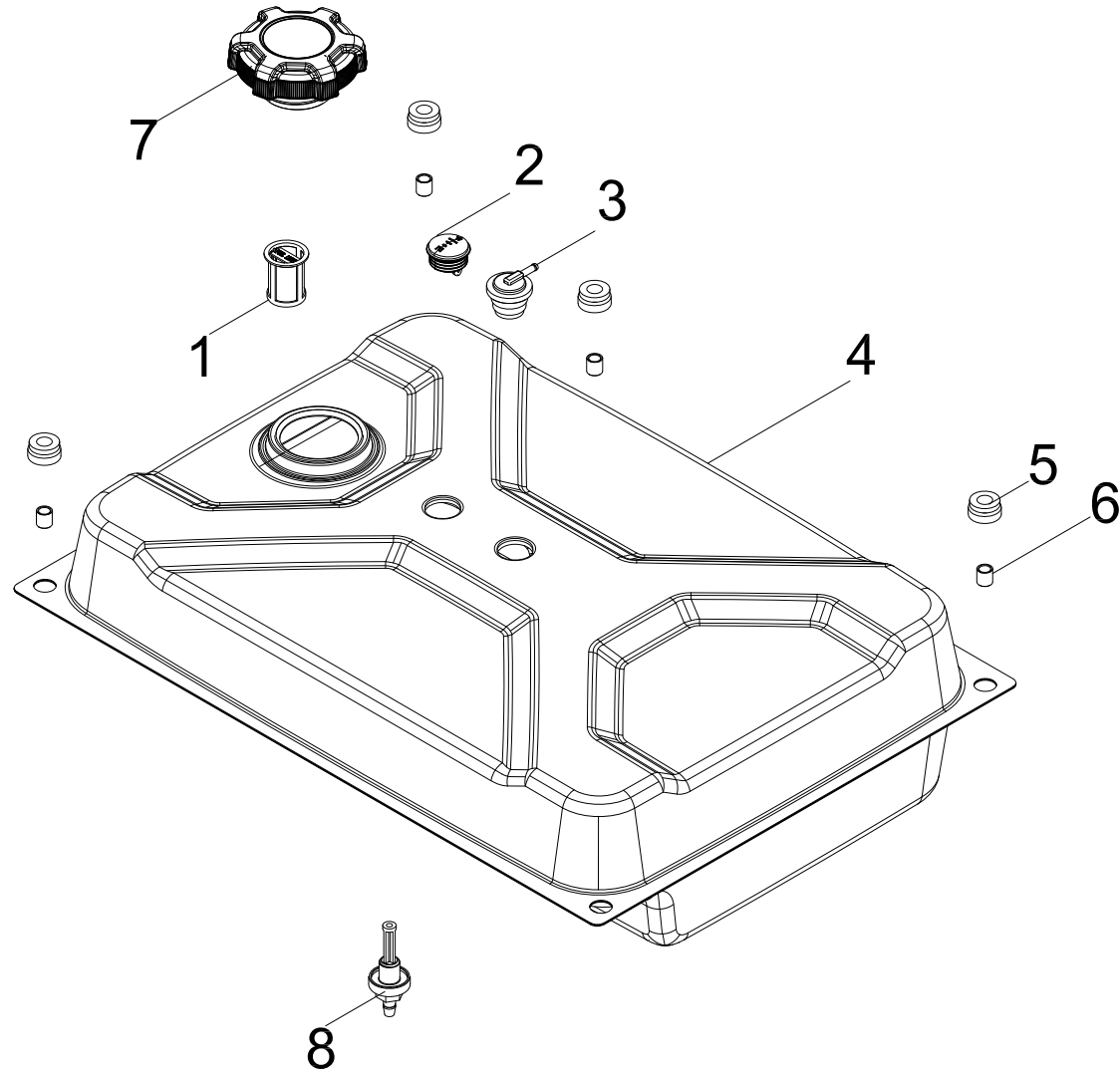


Figure F

**FUEL TANK PARTS LIST**

#	Part Number	Description	Qty.
1	100098838	Fuel Filter Assembly	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	Fuel Tank Nipple	1

## CONTROL PANEL PARTS DIAGRAM

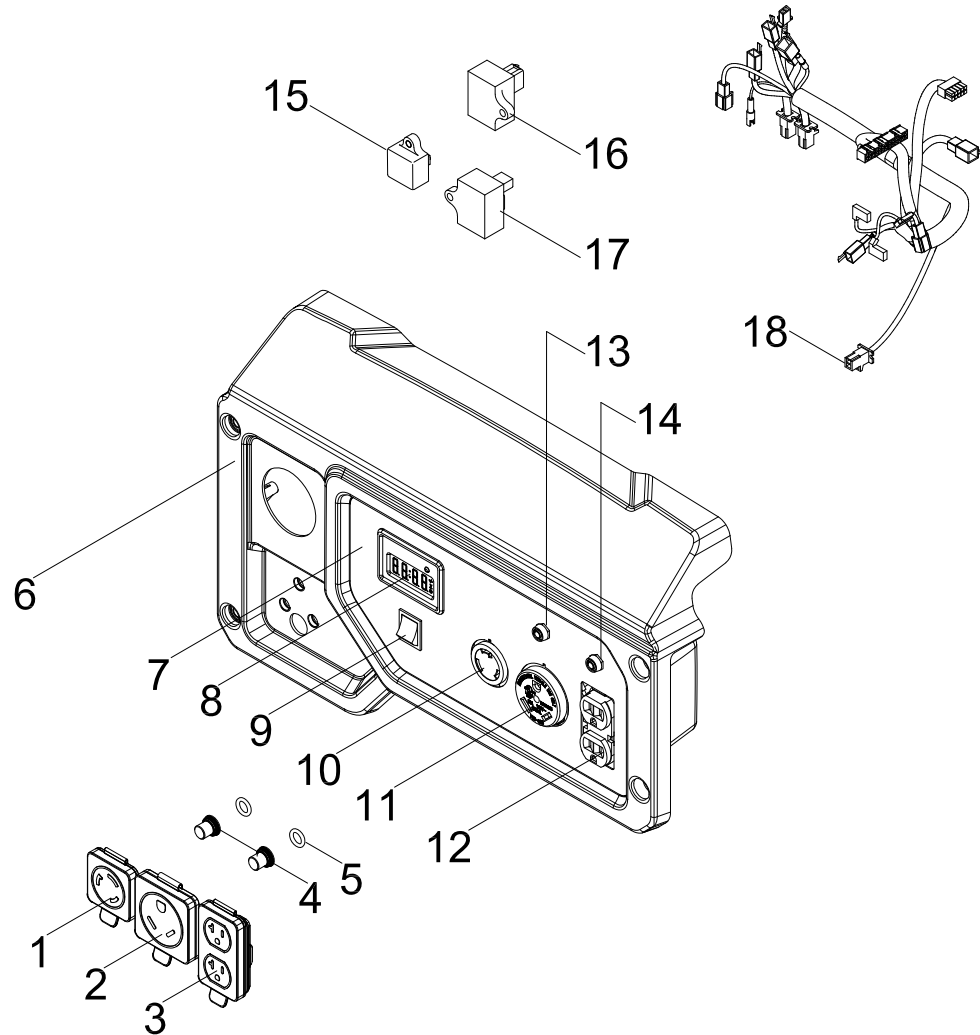


Figure G



**CONTROL PANEL PARTS LIST**

#	Part Number	Description	Qty.
1	100731573	Receptacle Cover, L5-30R	1
2	100731572	Receptacle Cover, TT-30R	1
3	100731575	Receptacle Cover, 5-20R, Duplex	1
4	100120180	Breaker Cover	2
5	100031552	O-Ring	2
6	100724732-0001	Control Panel Housing	1
7	100732103	Control Panel	1
8	100730999	Intelligauge, INT10F	1
9	100714233	Switch, Engine	1
10	100020005	Receptacle L5-30R	1
11	100020008	Receptacle TT-30R	1
12	100020029	Receptacle 5-20R, Duplex	1
13	100019751	30Amp Circuit Breaker, Push Button	1
14	100019754	20Amp Circuit Breaker, Push Button	1
15	100724627	Charger	1
16	100721216	Controller Module, Solenoid Valve	1
17	100728387	OVF Module	1
18	100748731	Wire Harness Assembly	1

# FRAME ASSEMBLY PARTS DIAGRAM

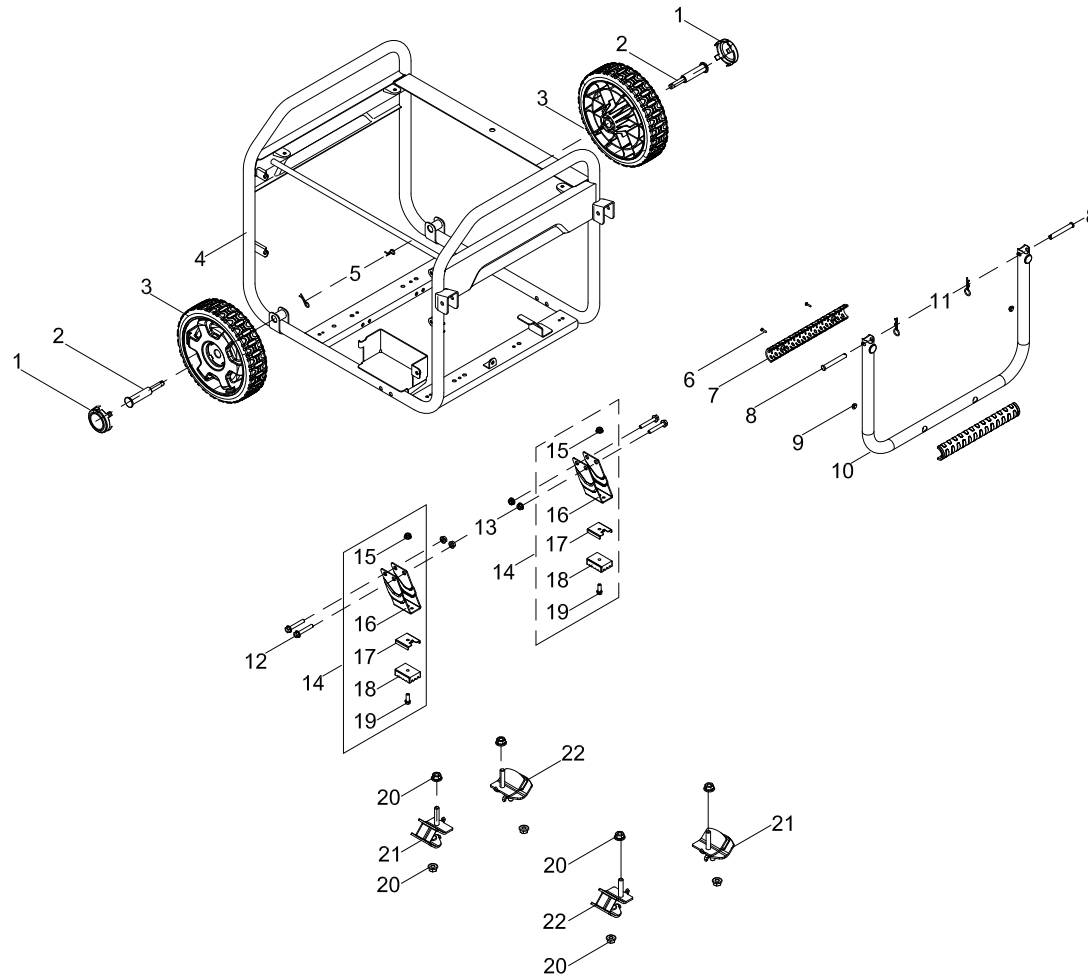


Figure H

**FRAME ASSEMBLY PARTS LIST**

#	Part Number	Description	Qty.
1	100712243-0001	Tire Cover, Yellow	2
2	100714025	Roll Pin Ø10	2
3	100714023-0001	8 In. Wheel, Yellow	2
4	100809864-0001	Frame, 25mm, 627 x 504 x 499	1
5	100714685-0001	R-pin	2
6	100095857-0005	M4 x 18 Flange Bolt	2
7	100711157	Handle Sheath	1
8	100011047-0003	Roll Pin Ø8 x 40	2
9	100078853	Damping Pad, Handle	2
10	100724129-0001	Handle	1
11	100714685-0001	R-pin, R5	2
12	100011325-0004	M8 x 40 Flange Bolt	4
13	100011453-0002	M8 Flange Nut, GB6177.1	4
14	100716098-0001	Support Leg Assembly	2
15	100011452-0003	M6 Flange Lock Nut	2
16	100724735-0001	Support Leg	2
17	100068623-0001	Stop Block	2
18	100058956	Vibration Mount	2
19	100011266-0004	M6 x 20 Flange Bolt	2
20	100021000-0001	Vibration Mount 1	2
21	100020986-0001	Vibration Mount 2	2
22	100011453-0003	M8 Flange Lock Nut	8

# WIRING DIAGRAM

