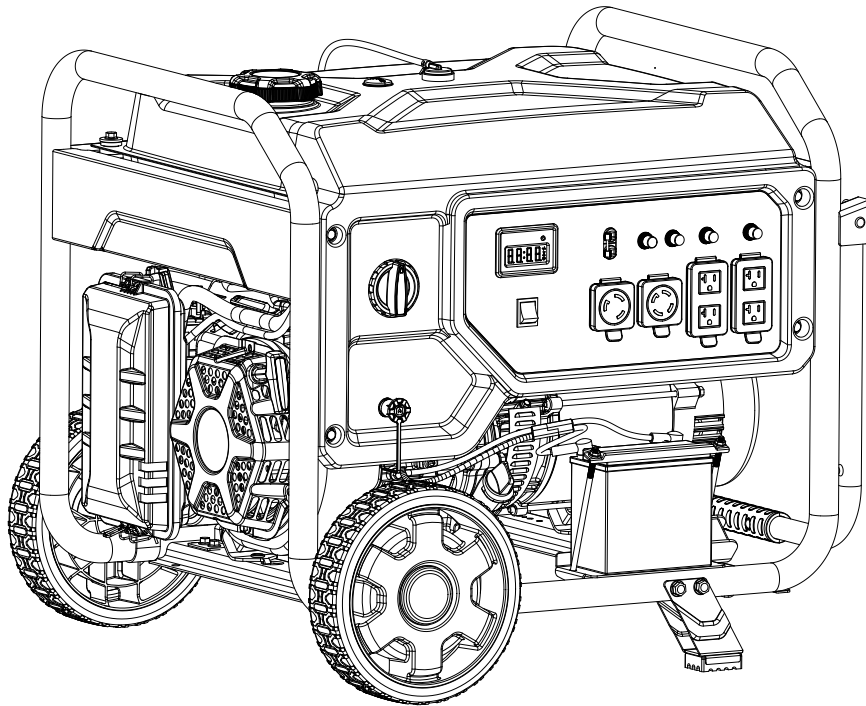




Champion Power Equipment, Inc.

MODEL #201083



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**.

TABLE OF CONTENTS

Generator Parts Diagram..... 3

Generator Parts List 4

Engine Parts Diagram 6

Engine Parts Part List 7

Cylinder Head Diagram..... 9

Cylinder Head Part List..... 10

Carburetor Diagram 11

Carburetor Part List 12

Alternator Diagram 13

Alternator Part List 14

Fuel Tank Part Diagram 15

Fuel Tank Part List..... 16

Control Panel Part Diagram..... 17

Control Panel Part List 18

Frame Part Diagram 19

Frame Part List..... 20

Wiring Diagram 21

GENERATOR PARTS DIAGRAM

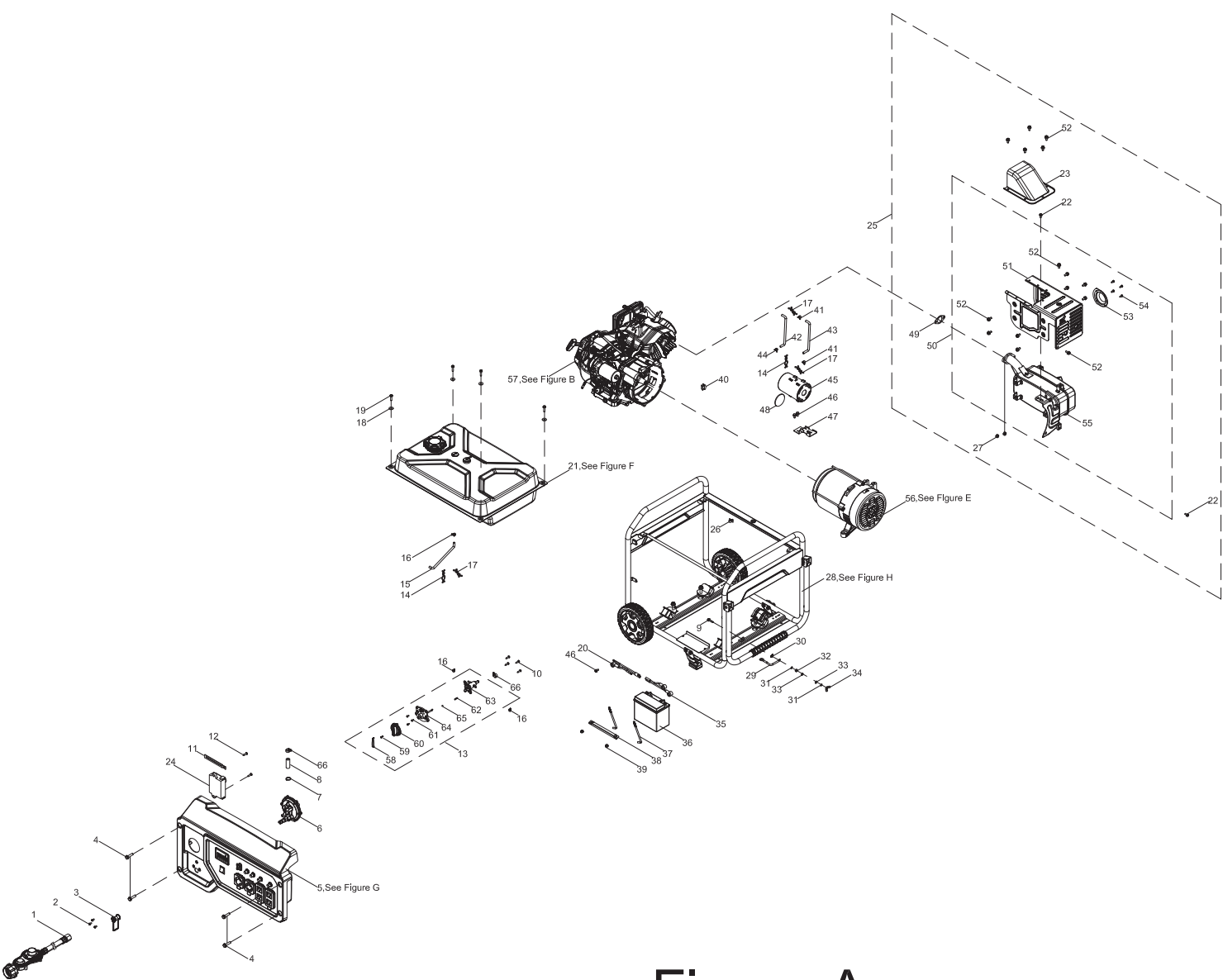


Figure A

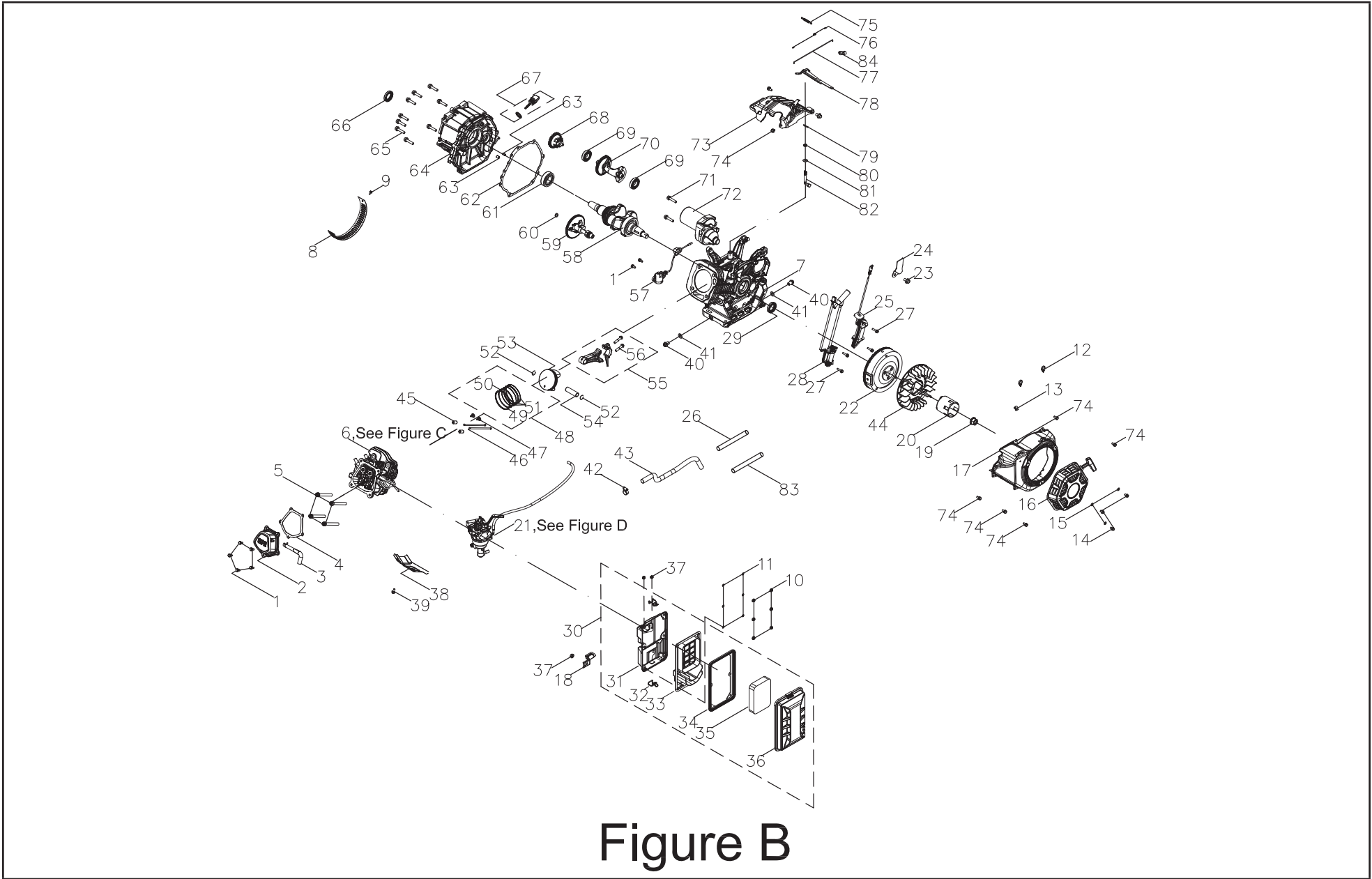
GENERATOR PARTS LIST

#	Part Number	Description	Qty.
1	100712815-0001	LPG Hose With Regulator, 2m x 3/8" QC	1
2	100713896-0001	Screw M5 x 16	3
3	100163911	Rubber Cover, LPG Regulator	1
4	100011264-0002	Flange Bolt M6 x 16	4
5	100726129-0001	Control Panel Assembly, See Figure G	1
6	100714096	LPG Regulator	1
7	100110283	Clamp Ø17	3
8	100712236	Hose, LPG, Regulator to Fuel Valve	1
9	100011269-0003	Flange Bolt M6 x 28	1
10	100093250-0002	Self-tapping Screw ST4.8 x 20	4
11	100062546	Wire Clip B	1
12	100010954-0002	Screw M5 x 12	2
13	100752923	Fuel Valve Assembly	1
14	100714686	Clamp 2	2
15	100747340	Tube, Fuel, Ø4 x Ø10 x 290	1
16	100005138	Clamp Ø9.5 x 8	3
17	100000658	Clamp	3
18	100010439-0001	Washer Ø6.5 x 2 x Ø25	4
19	100011268-0002	Flange Bolt M6 x 25	4
20	100752662	DC Wire Harness, Engine	1
21	100734658	Fuel Tank Assembly, See Figure F	1
22	100011311-0005	Flange Bolt M8 x 16	2
23	100163910-0001	Air Guide, Muffler	1
24	5.1830.022	CO Shutdown Module	1
25	100733016	Muffler Assembly	1
26	100000667	Clamp Ø8 x 8	1
27	100011422-0004	Flange Nut M8	2
28	100728060	Frame Assembly, See Figure H	1
29	100746237	Grounding Wire	1
30	100128826-0001	Lock Washer Ø6, Toothed	1

#	Part Number	Description	Qty.
31	100010886-0004	Spring Washer Ø6	2
32	100011421-0003	Flange Nut M6	1
33	100010920-0002	Flat Washer Ø6	2
34	100010828-0002	Butterfly Type Nut M6	1
35	100752661	DC Wire Harness, Battery	1
36	100021409	Battery, 12V 14Ah	1
37	100021362-0003	Fixing Bolt, Battery	2
38	100021372-0017	Pressing Plate, Battery, 184 mm	1
39	100011452-0003	Lock Nut M6, Flange	2
40	100018704	Rubber Plug	1
41	100005148	Calmp 1, Ø8	2
42	100712242	Tube, Vent, 200mm	1
43	100716905	Tube, Vent, 855mm	1
44	100005130	Clamp Ø9 x 8	1
45	100008945	Carbon Canister, 650cc	1
46	100011261-0004	Flange Bolt M6 x 12, GB5789	3
47	100008675-0001	Bracket, Carbon Canister Mounting	1
48	100716369	Insulator, Carbon Canister	1
49	100735662	Gasket, Exhaust Pipe	1
50	100724958	Muffler Assembly	1
51	100714387	Muffler Guard	1
52	100097575-0001	Flange Bolt M6 x 10	15
53	100714398	Spark Arrester	1
54	100147110-0002	Flange Bolt M4 x 8	4
55	100731805	Muffler	1
56	100728168	Alternator Assembly, See Figure E	1
57	1ZC7DC001	Engine, 459cc	1
58	100712234	Cover, Dial Knob	1
59	100031845-0002	Screw M4 x 12	1
60	35643-YJP0111-Q2A0	Fuel Dial	1

#	Part Number	Description	Qty.
61	100749867-0001	Screw M4 x 12, GB9074.4	3
62	100717046	Fuel Dial Spring	1
63	100718049	Fuel Valve	1
64	100753985	Mounting Seat, Fuel Dial	1
65	100717043	Steel Ball	1
66	100159468-0001	Clamp, Fuel Hose	2

ENGINE PARTS DIAGRAM



ENGINE PARTS PART LIST

#	Part Number	Description	Qty.
1	100011264-0003	Flange Bolt M6 x 16, GB5789	7
2	100002337	Cylinder Head Cover	1
3	100715570	Breather Tube	1
4	100055922	Gasket, Cylinder Head Cover	1
5	100002470	Flange Bolt M10 x 1.25 x 87	4
6	100727937	Cylinder Head Assembly - See Figure C	1
7	100711174-0001	Crankcase	1
8	100141250	Vent, Engine Fan	1
9	100011248-0003	Flange Bolt M5 x 10	1
10	100011451-0003	Flange Nut M5	6
11	100010430	Washer Ø6 x 1 x Ø12	6
12	100060808	Clamp	2
13	100000667	Clamp Ø8 x 8	1
14	100011565-0001	Flange Bolt M6 x 10, GB16674.1	3
15	100010920-0002	Washer Ø6	3
16	100715836-0001	Recoil Starter, Black	1
17	100055977-0018	Fan Cover, Yellow	1
18	100021032	Bracket, Air Cleaner Support	1
19	100011460-0001	Flange Nut M16 x 1.5	1
20	100007562	Pulley, Starter	1
21	100732996	Carburetor Assembly - See Figure D	1
22	100097517	Flywheel	1
23	100011213-0001	Flange Bolt M6 x 8	1
24	100009463	Pressing Plate	1
25	100752617	Charger Module	1
26	100713891	Sleeve, Fuel Hose, Ø20 x 150	1
27	100011269-0003	Bolt M6 x 28	4
28	100730943	Ignition Coil	1
29	100017649	Oil Seal Ø35 x Ø52 x 7	1
30	100712978	Air Filter Assembly	1

#	Part Number	Description	Qty.
31	100714346	Air Filter Base	1
32	100714345	Air Filter Clip	2
33	100714344	Air Filter Separator	1
34	100714343	Gasket, Air Filter Cover	1
35	100713882	Air Filter Element	1
36	100714350	Air Filter Cover	1
37	100011452-0003	Lock Nut M6, Flange	3
38	100007097	Air Guide, Lower	1
39	100011260-0005	Flange Bolt M6 x 10	1
40	100010275	Drain Bolt, M12 x 1.5 x 15	2
41	100010467	Washer Ø12 x 1.5 x Ø15	2
42	100159468-0001	Clamp, Fuel Hose	1
43	100713889	Tube, Fuel, Ø9 x Ø17 x 410	1
44	100007043	Fan, Engine Cooling	1
45	100010562	Dowel Pin Ø12 x 20	2
46	100149152	Push Rod	2
47	100149154	Lifter, Valve	2
48	100003265	Piston Ring Set	1
49	100003168	1st Piston Ring	1
50	100003210	2nd Piston Ring	1
51	100003295	Oil Ring	1
52	100003225	Circlip, Wrist Pin	2
53	100030224	Piston	1
54	100003132	Wrist Pin	1
55	100719493	Connecting Rod Assembly	1
56	100003432	Bolt, Connecting Rod	2
57	100094024	Oil Level Sensor	1
58	100711963	Crankshaft	1
59	100711980	Camshaft	1
60	100010521-0001	Washer Ø16.2 x 0.3 x Ø24	1

#	Part Number	Description	Qty.
61	100010789	Bearing TM6207E - P64	1
62	100746648	Gasket, Crankcase Cover	1
63	100010549	Dowel Pin Ø8 x 12	2
64	100712041	Cover, Crankcase	1
65	100011323-0001	Flange Bolt M8 x 38	9
66	100017653	Oil Seal Ø35 x Ø52 x 7, Spiral Grain	1
67	100004129-0008	Oil Dipstick	1
68	100008305	Gear, Governor	1
69	100010742	Bearing TM6202 - P63	2
70	100150211	Balance Shaft	1
71	100011320-0002	Flange Bolt M8 x 35	2
72	100752622	Starter	1
73	100715161	Air Guide, Engine Fan	1
74	100011261-0004	Flange Bolt M6 x 12, GB5789	8
75	100717724	Spring, Governor	1
76	100007927	Spring, Throttle Return	1
77	100090516	Rod, Governor	1
78	100090515	Arm, Governor	1
79	100007989	Cotter, Governor Shaft	1
80	100017631	Oil Seal Ø8 x Ø14 x 4	1
81	100010518-0001	Washer Ø8 x0.8 x Ø20	1
82	100007980	Governor Shaft	1
83	100758315-0001	Fuel Hose Jacket	1
84	100090559	Clamp	1

CYLINDER HEAD DIAGRAM

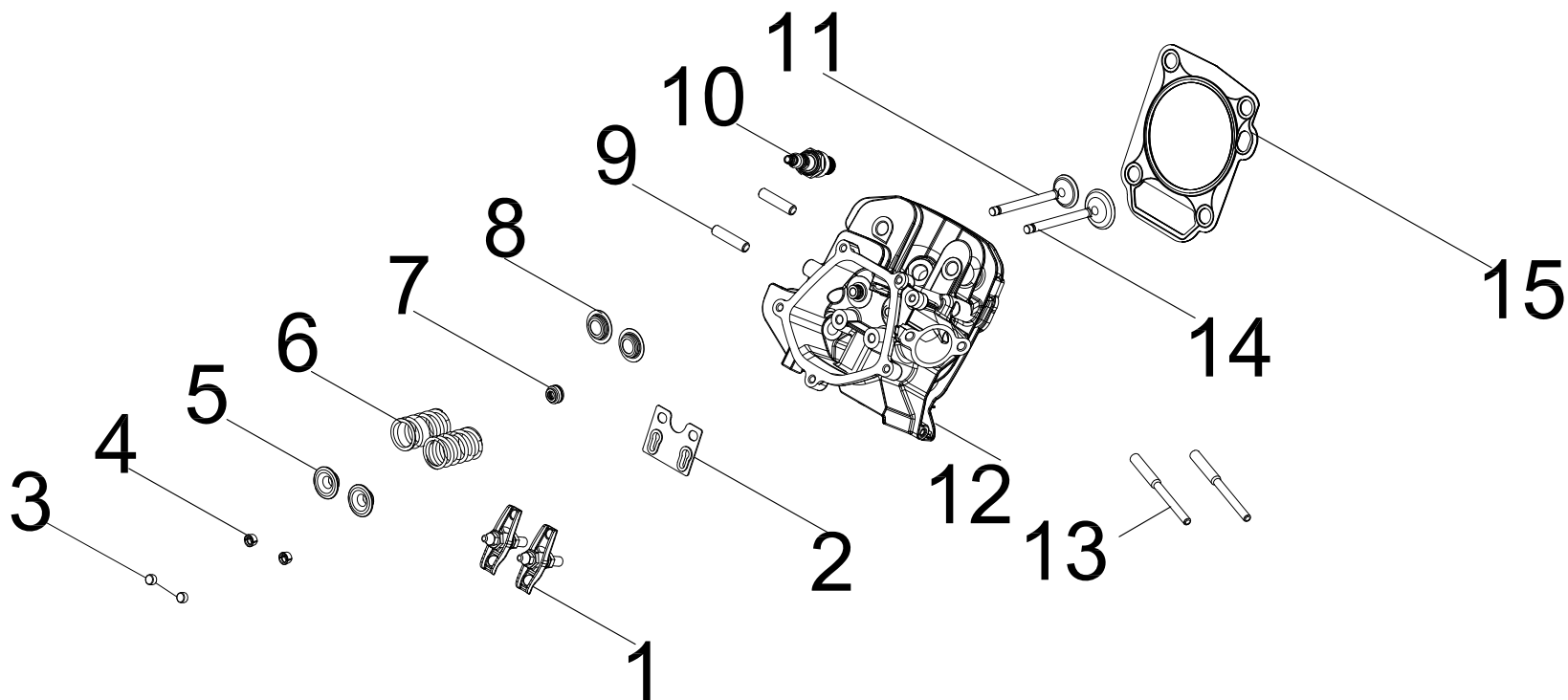


Figure C

CYLINDER HEAD PART LIST

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

CARBURETOR DIAGRAM

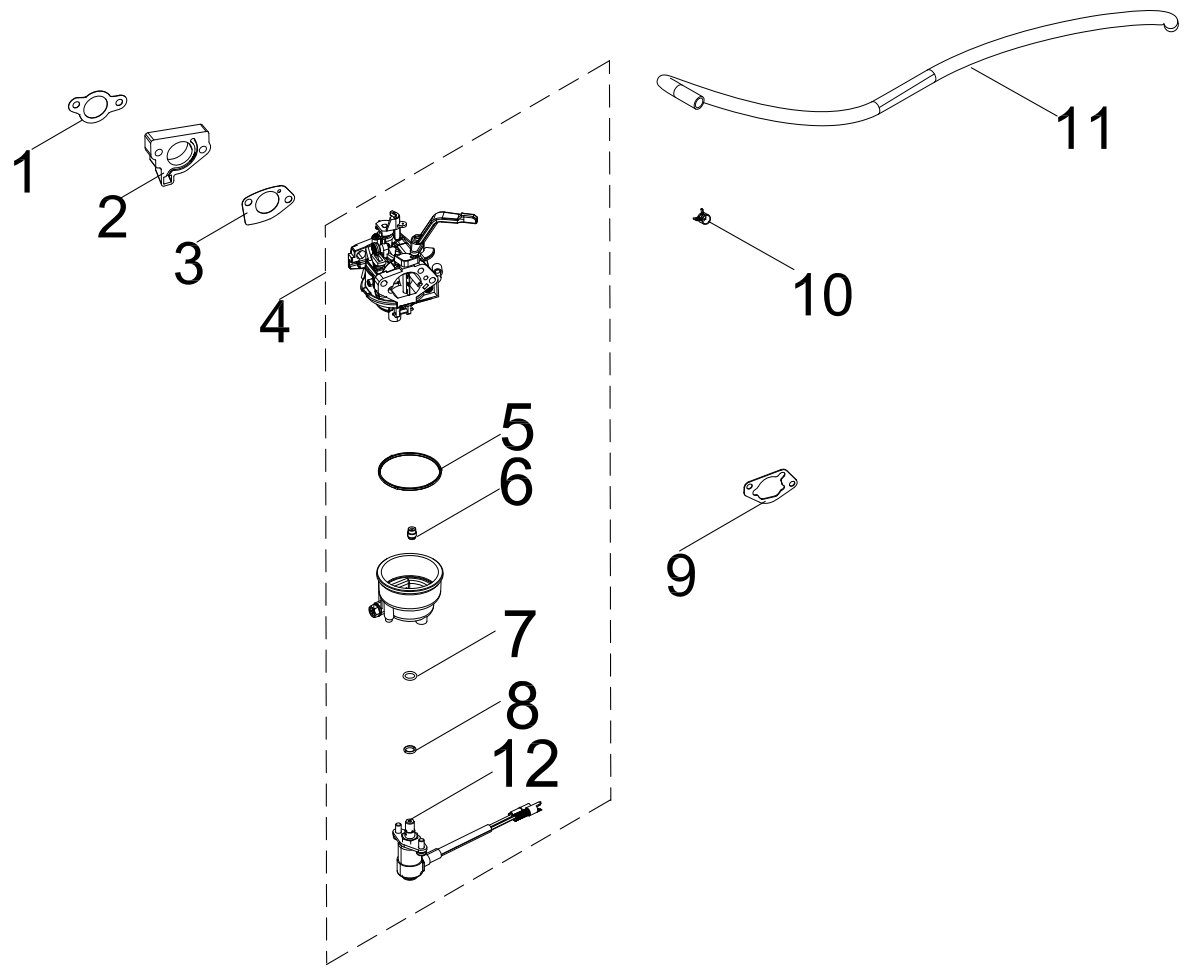


Figure D

CARBURETOR PART LIST

#	Part Number	Description	Qty.
1	100076230	Gasket, Insulator	1
2	100005618	Insulator, Carburetor	1
3	100076228	Gasket, Carburetor	1
4	100713991	Carburetor Assembly	1
5	100005720	Fuel Bowl O-Ring	1
6	100073693	Main Jet, Standard, (114)	1
7	100125928	Main Jet, Altitude 1000-3000m, (112)	/
	100130186	O-Ring, Solenoid Valve Base	1
8	100130185	O-Ring, Solenoid Valve	1
9	100076229	Gasket, Air Filter Base	1
10	100005138	Clamp Ø9.5 x 8	1
11	100747342	Fuel Tube, Ø4 x Ø10 x 465	1
12	100718072	Solenoid Valve	1

ALTERNATOR DIAGRAM

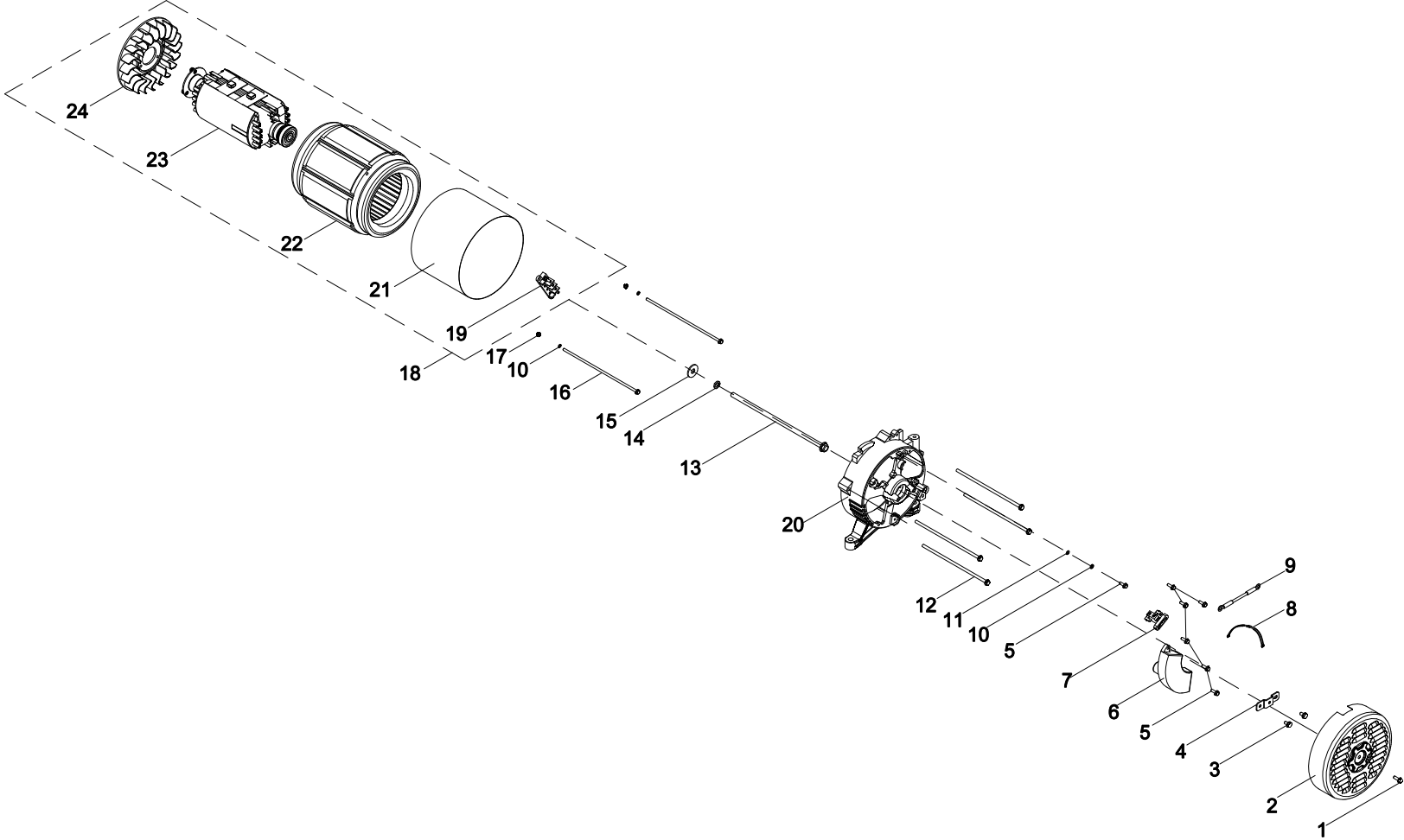


Figure E

ALTERNATOR PART LIST

#	Part Number	Description	Qty.
1	100011570-0007	Big Flange Bolt M6 x 12	1
2	100018662-0001	Generator End Cover, Yellow	1
3	100011250-0002	Flange Bolt M5 x 14	2
4	100020167	Support, End Cover	1
5	100011252-0001	Flange Bolt M5 x 18	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	Flange Bolt M6 x 200	4
13	100011400-0001	Flange Bolt M10 x 1.25 x 285	1
14	100010888-0002	Spring Washer Ø10	1
15	100010905-0001	Washer Ø10	1
16	100011414-0001	Flange Bolt M5 x 229	2
17	100011419-0001	Flange Nut M5	2
18	100724466	Alternator Assembly, Al, Ø204 x 160 mm	1
19	100018701	Terminal Block	1
20	100725617	End Housing	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 PART DIAGRAM

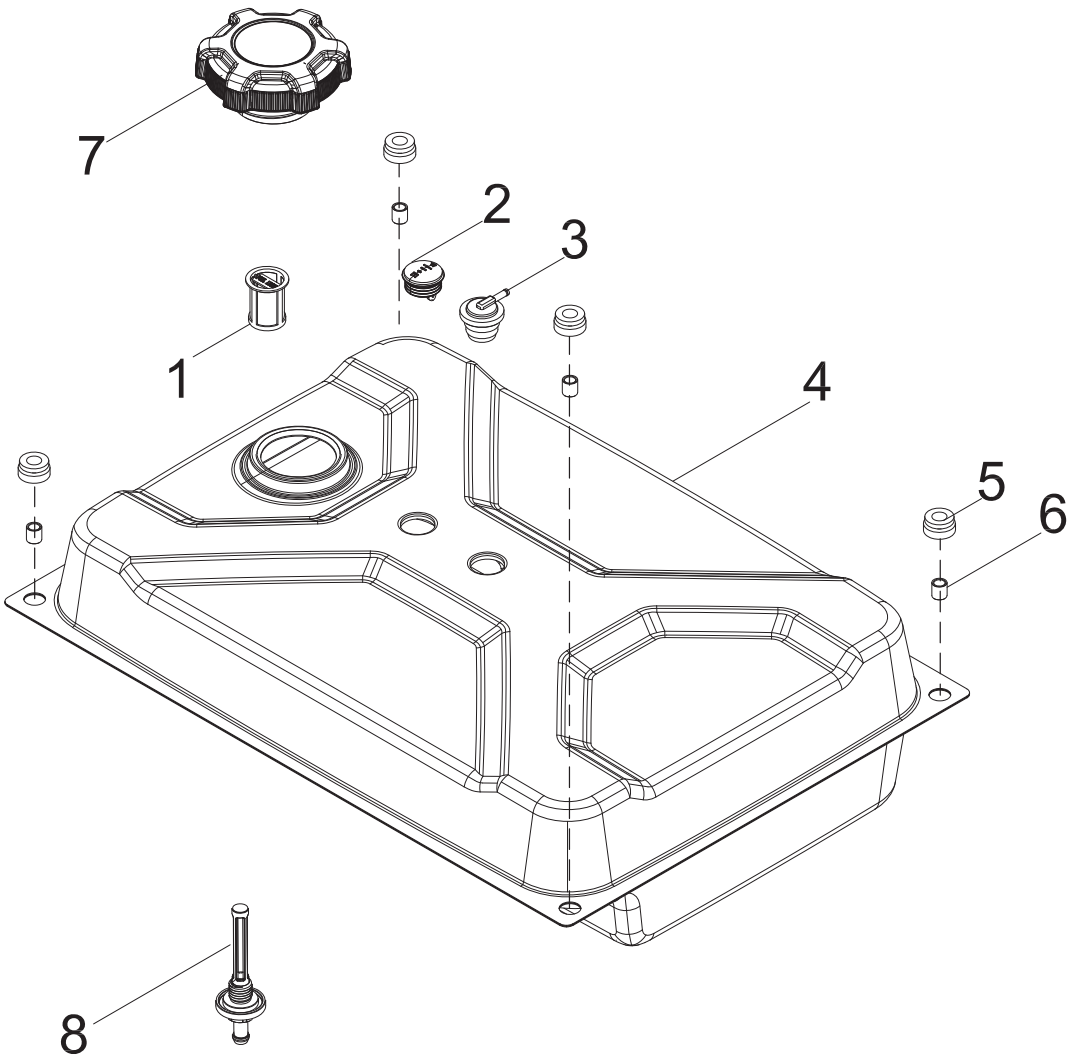


Figure F

FUEL TANK PART 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 PART DIAGRAM

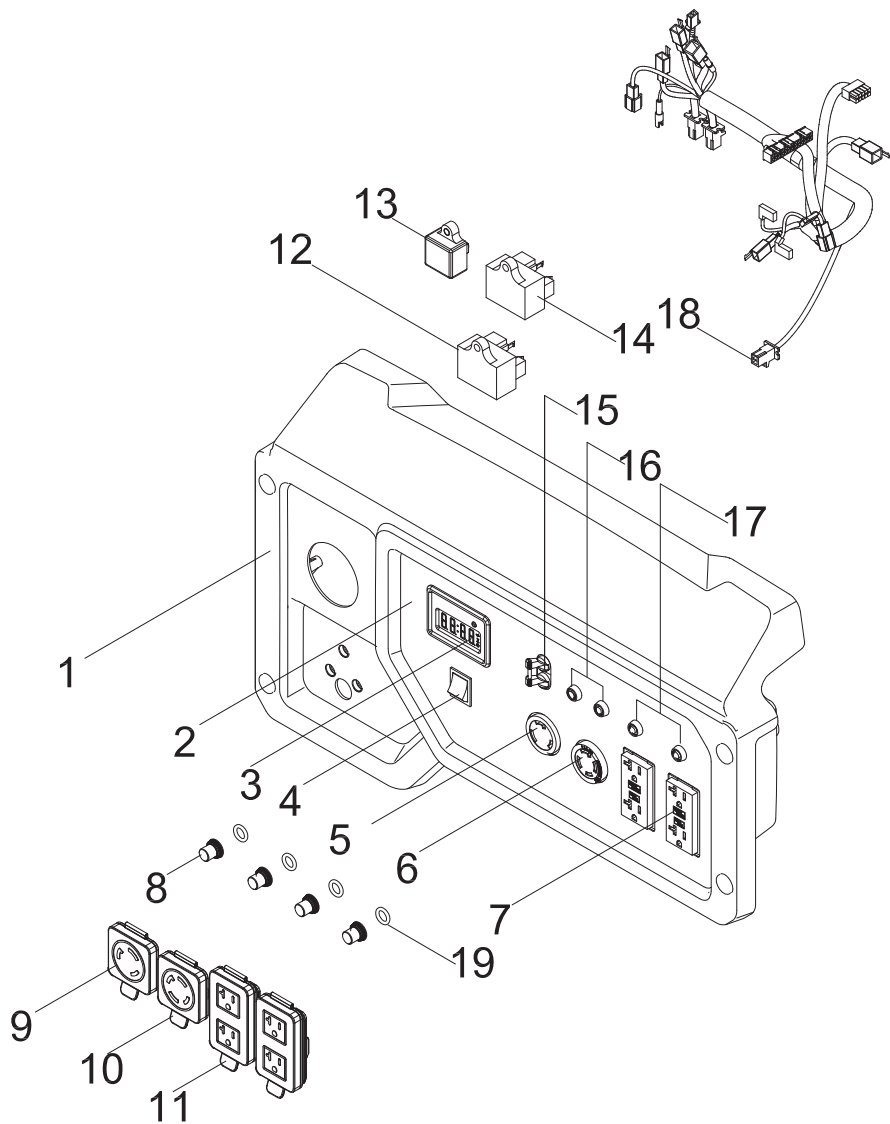


Figure G

CONTROL PANEL PART LIST

#	Part Number	Description	Qty.
1	100160006-0001	Control Panel Housing	1
2	100726127	Control Panel	1
3	100730999	Intelligauge, INT10F	1
4	100714233	Switch, Red, Engine	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	4
9	100731573	Receptacle Cover, L5-30R	1
10	100731571	Receptacle Cover, L14-30R	1
11	100731574	Receptacle Cover, 5-20R, Duplex	2
12	100713001	Control Module, Solenoid Valve	1
13	100783059	Charger Module	1
14	100728387	OVF Module	1
15	100727088	35 Amp Circuit Breaker, Flip Pole	1
16	100019751	30 Amp Circuit Breaker, Push Button	2
17	100019754	20 Amp Circuit Breaker, Push Button	2
18	100726128	Wire Harness Assembly	1
19	100031552	O-Ring	4

FRAME PART DIAGRAM

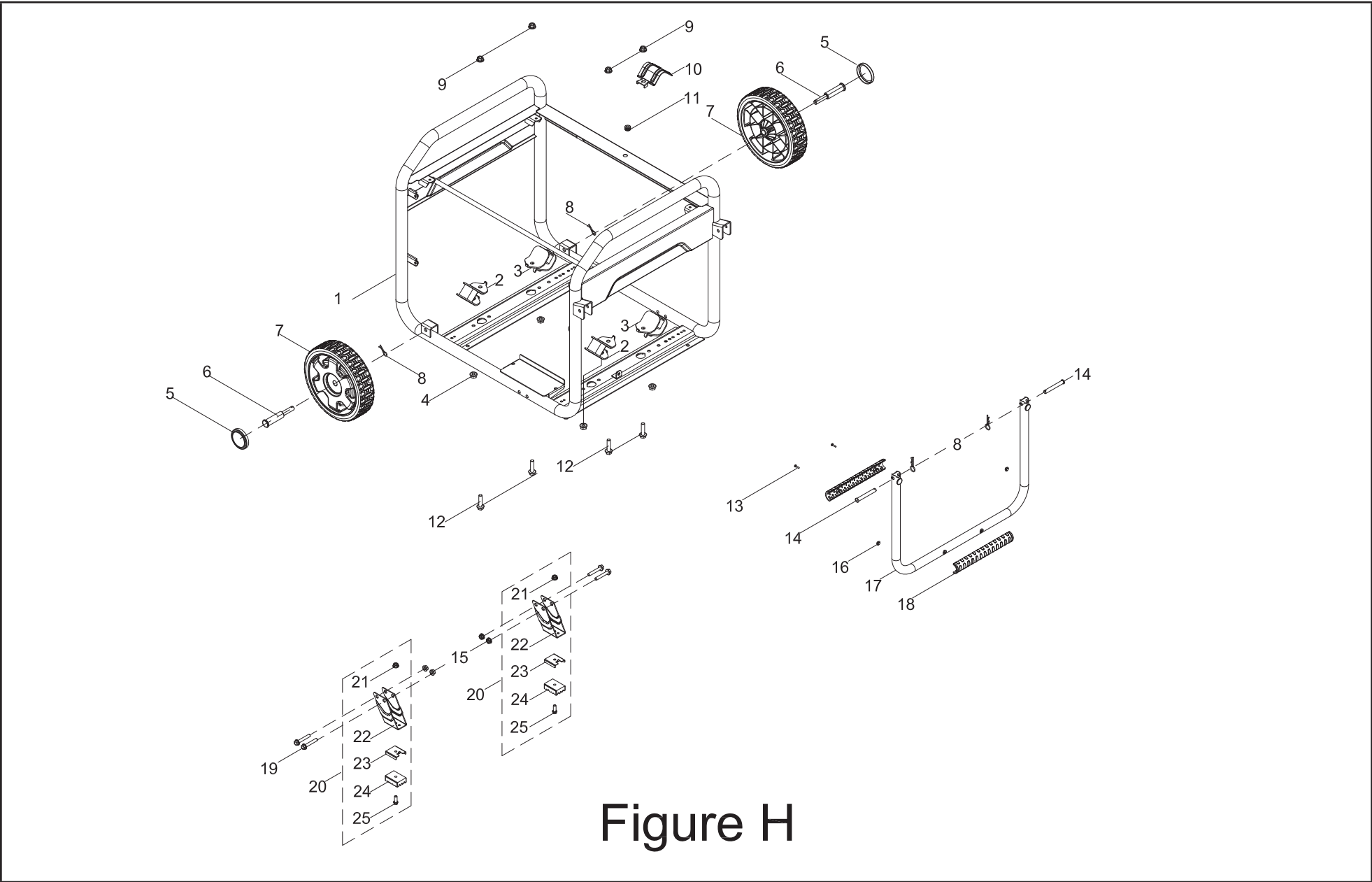


Figure H

FRAME PART 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	Lock Nut M8, Flange	4
5	100712243-0001	Cover, Wheel, 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	Flange Nut M10 x 1.25	4
10	100021029-0001	Heat Shield	1
11	100009075	Rubber Damper	1
12	100011381-0002	Flange Bolt M10 x 1.25 x 40	4
13	100095857-0005	Flange Bolt M4 x 18	2
14	100011047-0003	Roll Pin Ø8 x 40	2
15	100011453-0002	Flange Nut M8	4
16	100078853	Damping Pad, Handle	2
17	100160069-0001	Handle	1
18	100711157	Grip, Handle	1
19	100011330-0001	Flange Bolt M8 x 48	4
20	100163347-0001	Support Leg Assembly	2
21	100011452-0003	Lock Nut M6, Flange	2
22	100711874-0001	Support Leg	2
23	100068623-0001	Stop Block	2
24	100058956	Vibration Mount, Support Leg	2
25	100011266-0004	Flange Bolt M6 x 20	2

WIRING DIAGRAM

