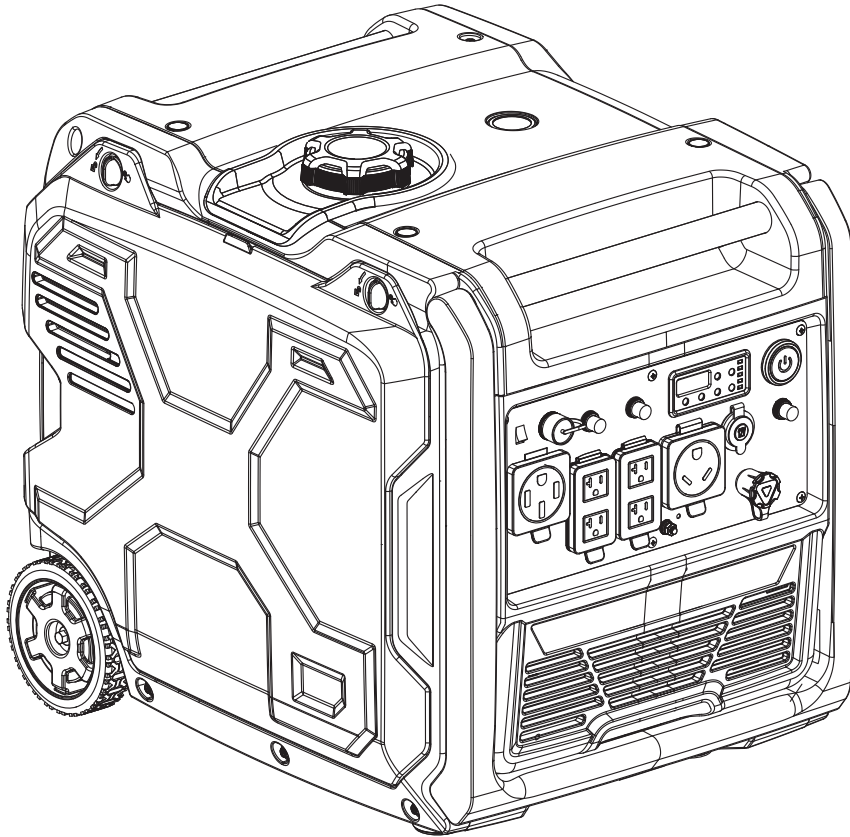




Champion Power Equipment, Inc.

MODEL #201598



PARTS INFORMATION

8500W TRIFUEL WIRELESS START INVERTER

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 List	7
Cylinder Head Parts Diagram	9
Cylinder Head Parts List	10
Carburetor Parts Diagram	11
Carburetor Parts List	12
Fuel Tank Parts Diagram	13
Fuel Tank Parts List	14
Control Panel Parts Diagram	15
Control Panel Parts List	16
Housing Assembly Parts Diagram	17
Housing Assembly Parts List	18
Wiring Diagram	19
StartLINK Wiring Diagram	20

GENERATOR PARTS DIAGRAM

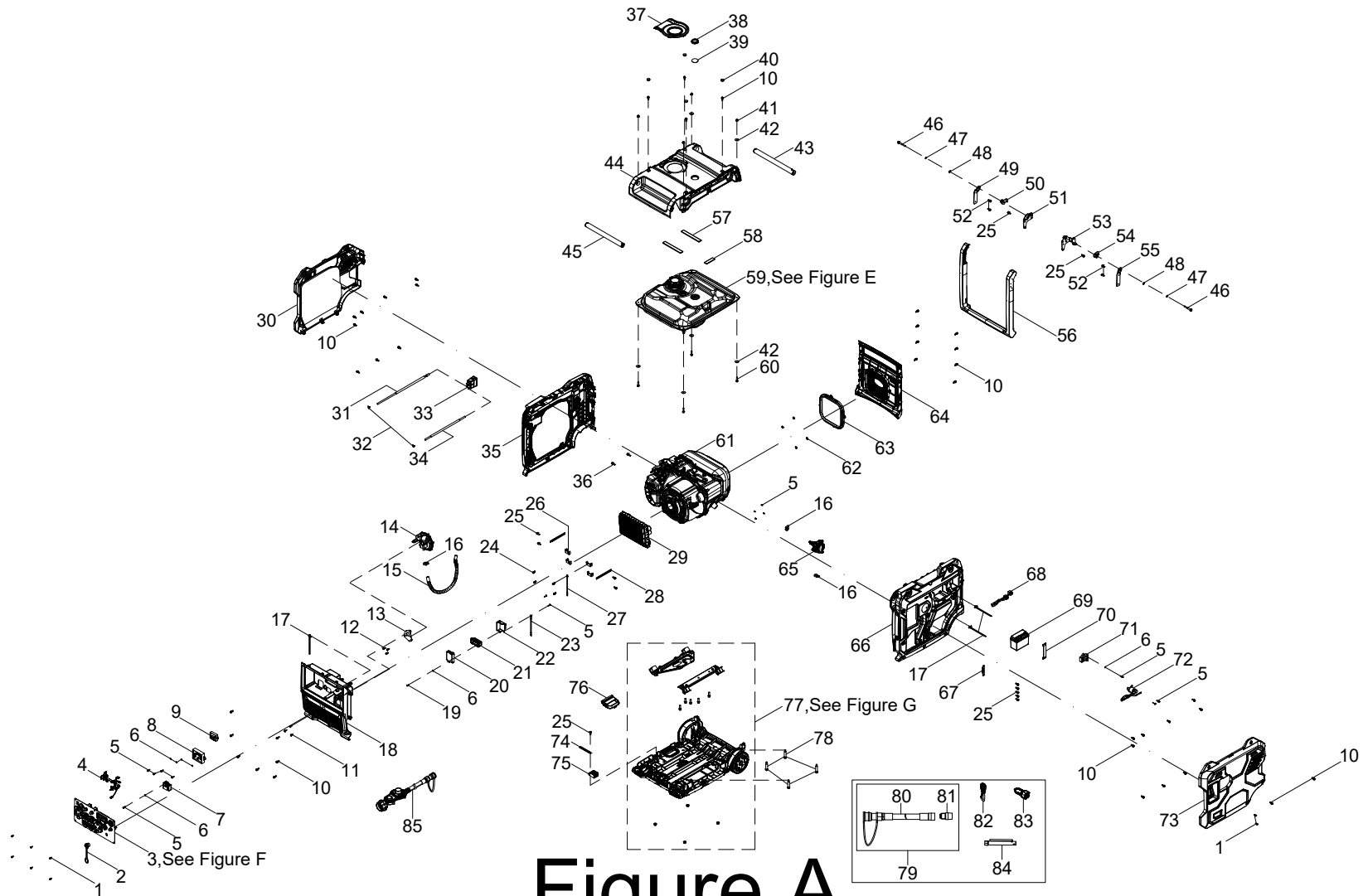


Figure A

GENERATOR PARTS LIST

#	Part Number	Description	Qty.
1	100010954-0001	Screw, M5 x 12	8
2	100804033	Rubber Sheath	1
3	100815890	Panel Assembly, See Figure F	1
4	100836958	Wire Harness Assembly	1
5	100011002-0003	Self-tapping Screw, ST4.2 x 19, GB845	14
6	100010909-0003	Washer, Ø5	7
7	100838081	Ignition Module	1
8	100822311	Remote Controler	1
9	100822312	Charger 2	1
10	100814490	Step Bolt M6 x 15	39
11	100098636	Step Bolt M5 x 12	3
12	100056050-0001	Flange Bolt M5 x 12, GB5787	3
13	100814940	Mounting Plate	1
14	100814939	LPG Regulator	1
15	100714026	Natural Gas Pipe	1
16	100159468-0001	Clamp, Fuel Hose	3
17	100800440	Tape 1	3
18	100837672-0001	Front Cover	1
19	100031845-0002	Screw, M4 x 12, GB823	1
20	100156769	CO Shutdown Module	1
21	100813674	Gasket Kit	1
22	100813655	Screening Box	1
23	100781180	Earth Wire 1	1
24	100011249-0004	Flange Bolt M5 x 12	4
25	100011262-0003	Flange Bolt M6 x 14	12
26	100813677	Install Lug	4
27	100815726	Earth Wire 2	1
28	100062546	Clip B 1	2
29	100812679	Inverter	1
30	100837681-0001	Left Cover Board Assembly	1

#	Part Number	Description	Qty.
31	100818357	Fuel Tube 1, L=450mm	1
32	100005148	Clamp , Ø8	2
33	100823391	Vent Tube	1
34	100818358	Fuel Tube 2, L=350mm	1
35	100837677-0001	Left Hull	1
36	100011266-0004	Flange Bolt M6 x 20	2
37	100813656	Fuel Tank Outlet Seal Ring	1
38	100714561	Rubber Ring	1
39	100714560	Transparent Film	1
40	100814193	Rubber Cap	4
41	100011471-0002	Flange Nut M6	4
42	100010438	Washer, Ø6.5 x1.5 x Ø25	6
43	100813653-0002	Handle 1	1
44	100837674-0001	Upper Housing Assembly	1
45	100813652-0002	Handle 2	1
46	100813654	Step Bolt M6 x 45	2
47	100821078-0001	Spring Washer Ø8	2
48	100010518	Washer, Ø8 x 0.8 x Ø20	2
49	100813648-0001	Push Hand Arm Rotation 2	1
50	100813650	Support 3	1
51	100813646	Support 4	1
52	100011262-0002	Flange Bolt M6 x 14, Black	4
53	100813647	Support 2	1
54	100813651	Support 1	1
55	100813649-0001	Push Hand Arm Rotation 1	1
56	100814190	Handle Assembly	1
57	100820541	Mounting Plate 1	2
58	100820540	Mounting Plate 2	1
59	100817636	Fuel Tank Assembly, See Figure E	1
60	100011268-0003	Flange Bolt M6 x 25	4

#	Part Number	Description	Qty.
61	1ZC7DC061	Engine, See Figure B	1
62	100087972	Bearing Clamp Ring	4
63	100822249	Gasket, Muffler	1
64	100837676-0001	Rear Cover	1
65	100818371	Fuel Switch	1
66	100837679-0001	Right Hull	1
67	100813757	Line Contact Bank	1
68	100812784	Battery Connecting Wire	1
69	100815692	Battery, 2Ah	1
70	100806944	Tape 2	1
71	100813542	Charger 1	1
72	100836959	Starter Relay	1
73	100837683-0001	Right Cover Board Assembly	1
74	100000655	Clip B 2	1
75	100836957	Rectifier Bridge, Capacitance	1
76	100760449	Shroud Cover	1
77	100820623	Switch Box Base Kit, See Figure G	1
78	100813641	Step Bolt M6 x 41.5	4
79	100755529-0001	Natural Gas Hose Assembly	1
80	100774701	Natural Gas Hose	1
81	100774675	Male Connection	1
82	100729547	Remote Control Emitter	1
83	100806851	5VDC USB Adapter	1
84	100000121-0004	Spark Plug Socket	1
85	100755528-0001	LPG Hose With Regulator, 2m x 1/2" QC	1

ENGINE PARTS DIAGRAM

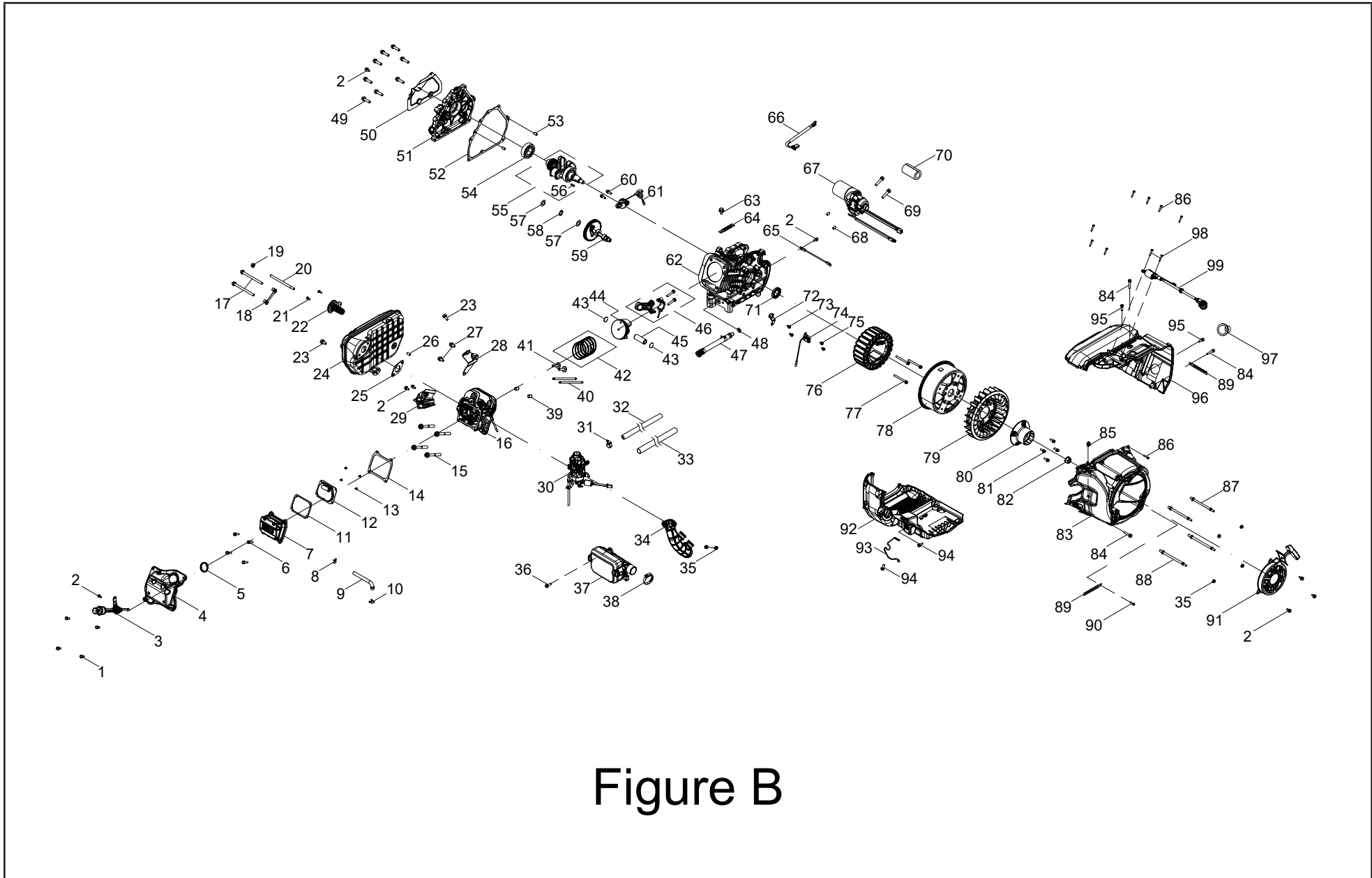


Figure B

ENGINE PARTS LIST

#	Part Number	Description	Qty.
1	100011262-0003	Flange Bolt M6 x 14, GB5789	4
2	100011261-0004	Flange Bolt M6 x 12, GB5789	8
3	100760118-0001	Dipstick	1
4	100823866	Valve Cover Assembly	1
5	100760473	O-Ring, Dipstick	1
6	100011267-0003	Flange Bolt M6 x 22, GB5789	4
7	100750588	Valve Cover	1
8	100005150	Clamp 1	1
9	100835354	Breather Tube	1
10	100030748-0001	Clamp 2	1
11	100750484	Gasket, Valve Cover	1
12	100750589	Inner Cover, Cylinder Head Cover	1
13	100010945-0002	Screw, M4x8	4
14	100753494	Gasket, Cylinder Head Cover	1
15	100750497	Flange Bolt M10 x 80	4
16	100819577	Cylinder Head Assembly - See Figure C	1
17	100084289-0001	Flange Bolt M8 x 115, GB5789	2
18	100822523	Muffler Stop Gasket	1
19	100011472-0001	Flange Nut M8, GB6187.1	1
20	100833943	Stud Bolt M8 x 144, GB300-2	1
21	100051338-0001	Flange Bolt M5 x 12, GB29.2	2
22	100154368	Spark Arrester	1
23	100011311-0005	Flange Bolt M8 x 16, GB5789	2
24	100760109	Muffler Assembly	1
25	100753496	Gasket, Muffler Assembly	1
26	100761737	Bush, Ø9 x Ø16 x Ø32	1
27	100011230-0002	Flange Bolt M8 x 16, GB5787	2
28	100835353	Muffler Bracket	1
29	100821778	Shroud	1
30	100819576	Carburetor Assembly - See Figure D	1

#	Part Number	Description	Qty.
31	100159468-0001	Clamp, Fuel Hose	1
32	100756350	Fuel Hose	1
33	100800430	Protective Jacket	1
34	100835356	Intake Tube	1
35	100011463-0002	Flange Nut M6, GB6177.1	6
36	100011266-0004	Flange Bolt M6 x 20, GB5789	1
37	100760112	Air Filter Assembly	1
38	100760116	Clamp	1
39	100010561	Dowel Pin Ø12 x 16	2
40	100750286	Push Rod	2
41	100004262	Lifter, Valve	2
42	100779922	Piston Ring Set	1
43	100003225	Circlip	2
44	100835355	Piston	1
45	100143102	Wrist Pin	1
46	100759225	Connecting Rod	1
47	100831917-0001	Oil Drain Pipe	1
48	100010467	Washer, Ø12 x 2 x Ø20	1
49	100011553-0002	Flange Bolt M8 x 32, GB16674	8
50	100760261	Shroud	1
51	100776880	Cover, Crankcase	1
52	100827481	Gasket, Crankcase Cover	1
53	100010550	Dowel Pin Ø8 x 14	2
54	100760117	Bearing, TM6206E-P53	1
55	100834923	Crankshaft	1
56	100010577	Woodruff Key	1
57	100767154	Washer Ø14.5 x 0.5 x Ø23.9	2
58	100162210	Washer, Ø14.2 x Ø21x2	1
59	100819486	Camshaft	1
60	100031966-0001	Flange Bolt M6 x 18, GB16674.1	2

#	Part Number	Description	Qty.
61	100835603	Oil Level Sensor	1
62	100780044	Crankcase	1
63	100011260-0005	Flange Bolt M6 x 10, GB5789	1
64	100000656	Clip C	1
65	100799417	Cathode Wire	1
66	100819695	Wire Harness	1
67	100799416	Electric Starter	1
68	100010557	Dowel Pin Ø10 x 14	2
69	100011554-0002	Flange Bolt M8 x 35, GB16674	2
70	100835605	Protective Jacket	1
71	100017647	Oil Seal, Ø30 x Ø46 x 8	1
72	100753499	Trigger Support	1
73	100011249-0003	Flange Bolt M5 x 12, GB5789	2
74	100758450	Trigger	1
75	100011247-0004	Flange Bolt M5 x 8, GB5789	2
76	100812681	Stator Assembly	1
77	100011543-0001	Flange Bolt M6 x 65, GB16674	3
78	100831916	Rotor Assembly	1
79	100817716	Fan, Engine Cooling	1
80	100760102	Pulley, Starter	1
81	100055585-0001	Flange Bolt M6 x 16, GB5787	4
82	100011459-0003	Flange Nut M14 x 1.5, GB6177	1
83	100823874	Fan Cover	1
84	100033038-0002	Flange Bolt M6 x 32, GB5789	3
85	100000672	Clip Ø9	1
86	100011004-0003	Self-tapping Screw, ST4.2 x 25	8
87	100760103	Stud, M6-8×130.5	2
88	100760104	Stud, M6-8×148	2
89	100000655	Clip B	2
90	100093250-0002	Self-tapping Screw, ST4.8 x 20	1
91	100796434-0001	Recoil Starter	1
92	100823868	Blower Housing 1	1

#	Part Number	Description	Qty.
93	100761736	Idle Spring	1
94	100011264-0003	Flange Bolt M6 x 16, GB5789	2
95	100011265-0003	Flange Bolt M6 x 18, GB5789	2
96	100823871	Blower Housing 2	1
97	100771350	Wire Jacket	1
98	100093250-0004	Self-tapping Screw, ST4.8 x 20,GB845	2
99	100781069	Ignition Coil	1

CYLINDER HEAD PARTS DIAGRAM

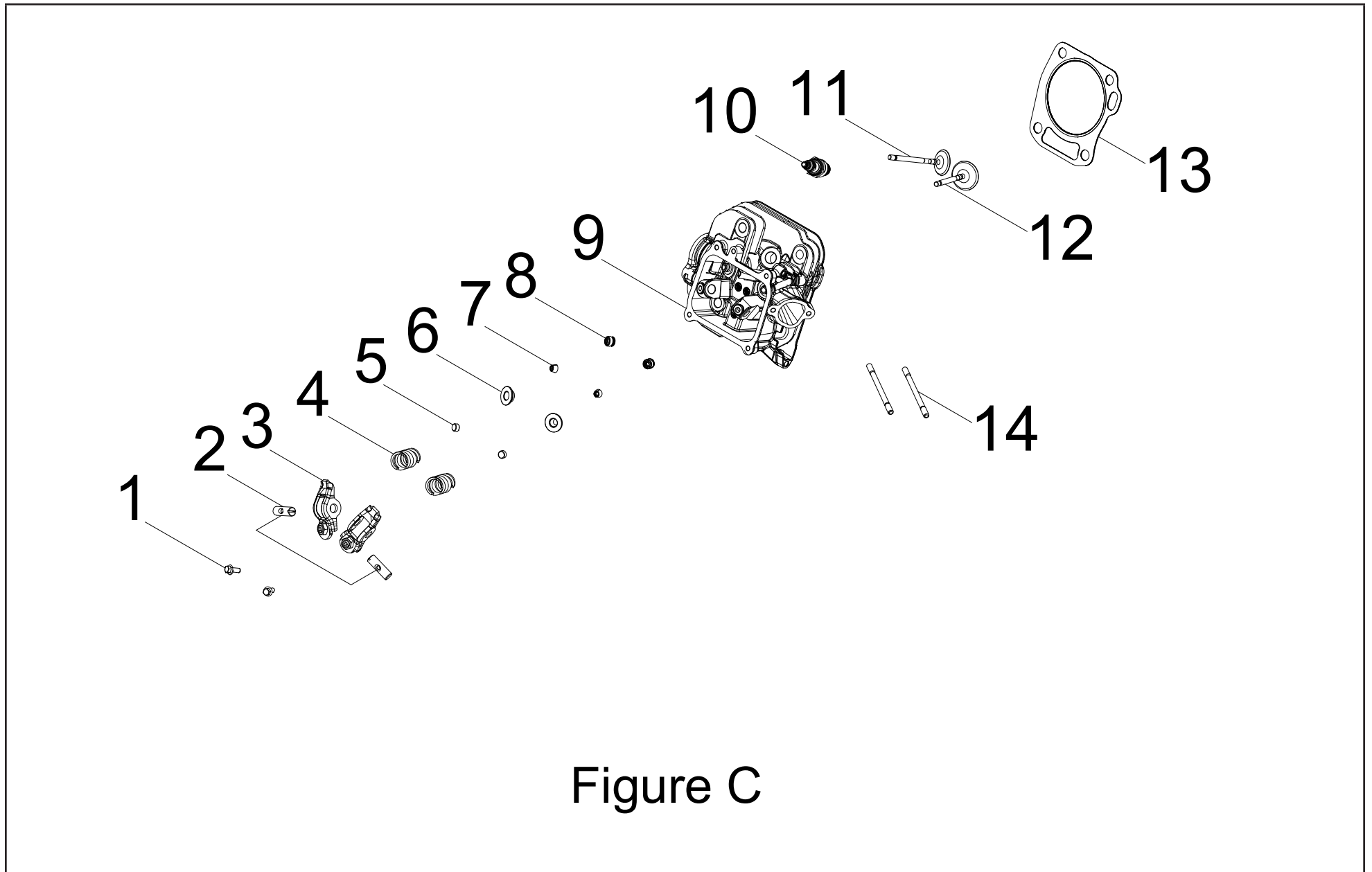


Figure C

CYLINDER HEAD PARTS LIST

#	Part Number	Description	Qty.
1	100011518-0001	Flange Bolt M5 x 12, GB16674	2
2	100765720	Rocker Arm Shaft	2
3	100750420	Rocker Arm Assembly	2
4	100750445	Spring Valve	2
5	100004588	Valve Adjust Cap, Exhaust	2
6	100073758	Valve Spring Seat, Upper	2
7	100073840	Valve Collet	4
8	100004599	Intake Valve Seal	2
9	100835709	Cylinder Head	1
10	100009378	Spark Plug F6RTC	1
11	100750187	Exhaust Valve	1
12	100750222	Intake Vavle	1
13	100833942	Gasket, Cylinder Head	1
14	100762052	Stud, M6 x 95	2

CARBURETOR PARTS DIAGRAM

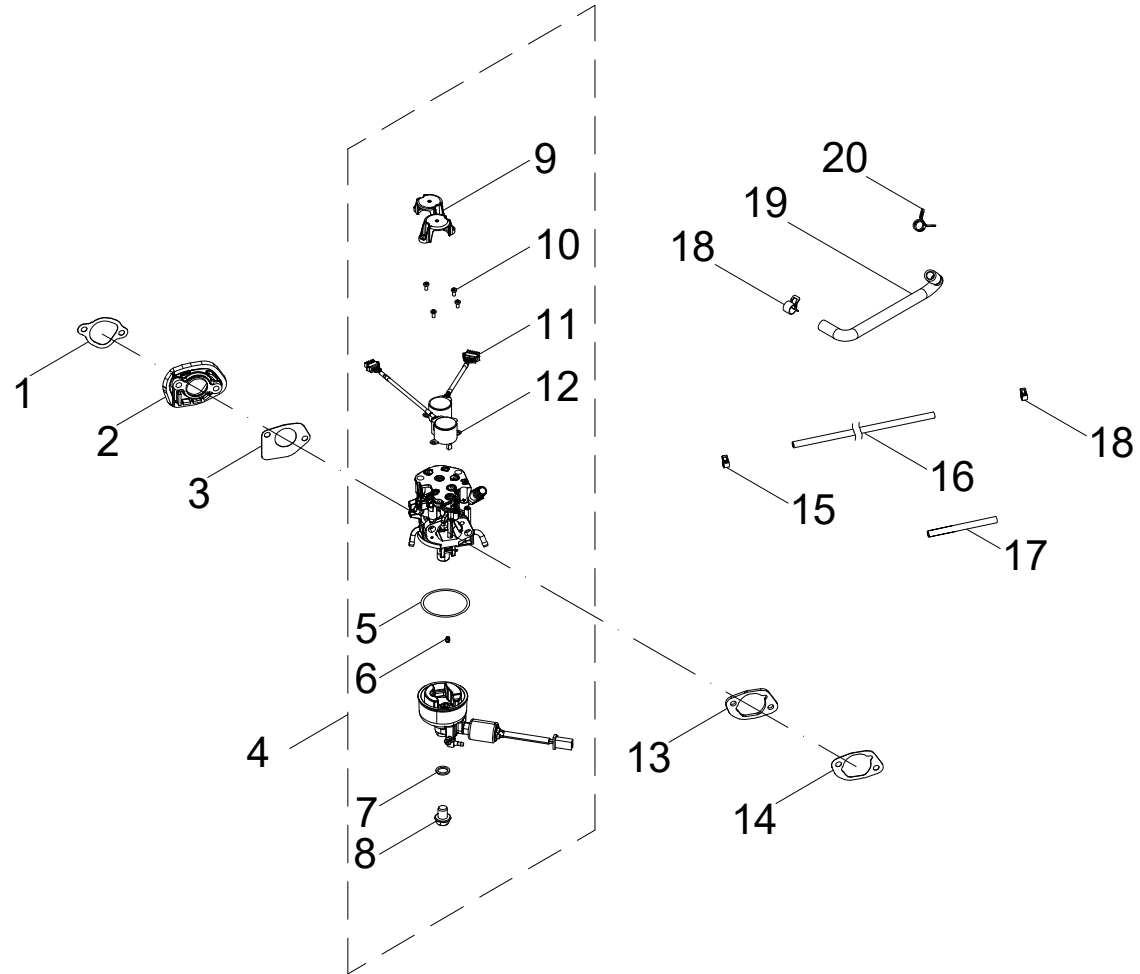


Figure D

CARBURETOR PARTS LIST

#	Part Number	Description	Qty.
1	100753495	Gasket, Insulator	1
2	100760558	Insulator, Carburetor	1
3	100762049	Gasket 1, Carburetor	1
4	100815879-0002	Carburetor	1
5	100005717	Fuel Bowl O-Ring	1
6	100084513	Main Jet Standard (95)	1
7	100005771	Main Jet Altitude 1000-3000m (93)	/
8	100006095	O-Ring, Solenoid Valve Base	1
9	100005727	O-Ring, Solenoid Valve	1
10	100060473	Stepping Motor Cover	2
11	100031810-0003	Screw, M3 x 8	4
12	100762803-0001	Stepping Motor 1	1
13	100766425	Stepping Motor 2	1
14	100804368	Gasket, Air Filter	1
15	100804369	Gasket 2, Carburetor	1
16	100005149	Clamp Ø7.5	1
17	100815053	Fuel Tube, Fuel Valve to Carburetor	1
18	100154409	Fuel Hose Jacket	1
19	100771620	Clamp Ø8.5	2
20	100833391	Fuel Tube, Fuel Tank to Valve	1
21	100005138	Clamp Ø9.5 x 8	1

FUEL TANK PARTS DIAGRAM

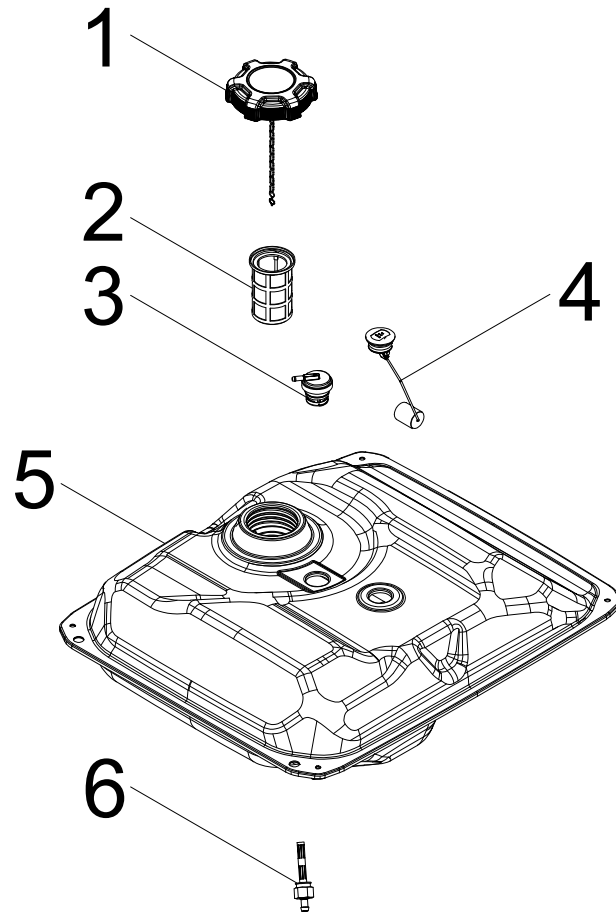


Figure E

FUEL TANK PARTS LIST

#	Part Number	Description	Qty.
1	100142004	Fuel Tank Cap	1
2	100814919	Fuel Filter Assembly	1
3	100814189	Reversal Valve	1
4	100760632	Fuel Indicator	1
5	100817687-0001	Fuel Tank	1
6	100814188	Fuel Valve	1

CONTROL PANEL PARTS DIAGRAM

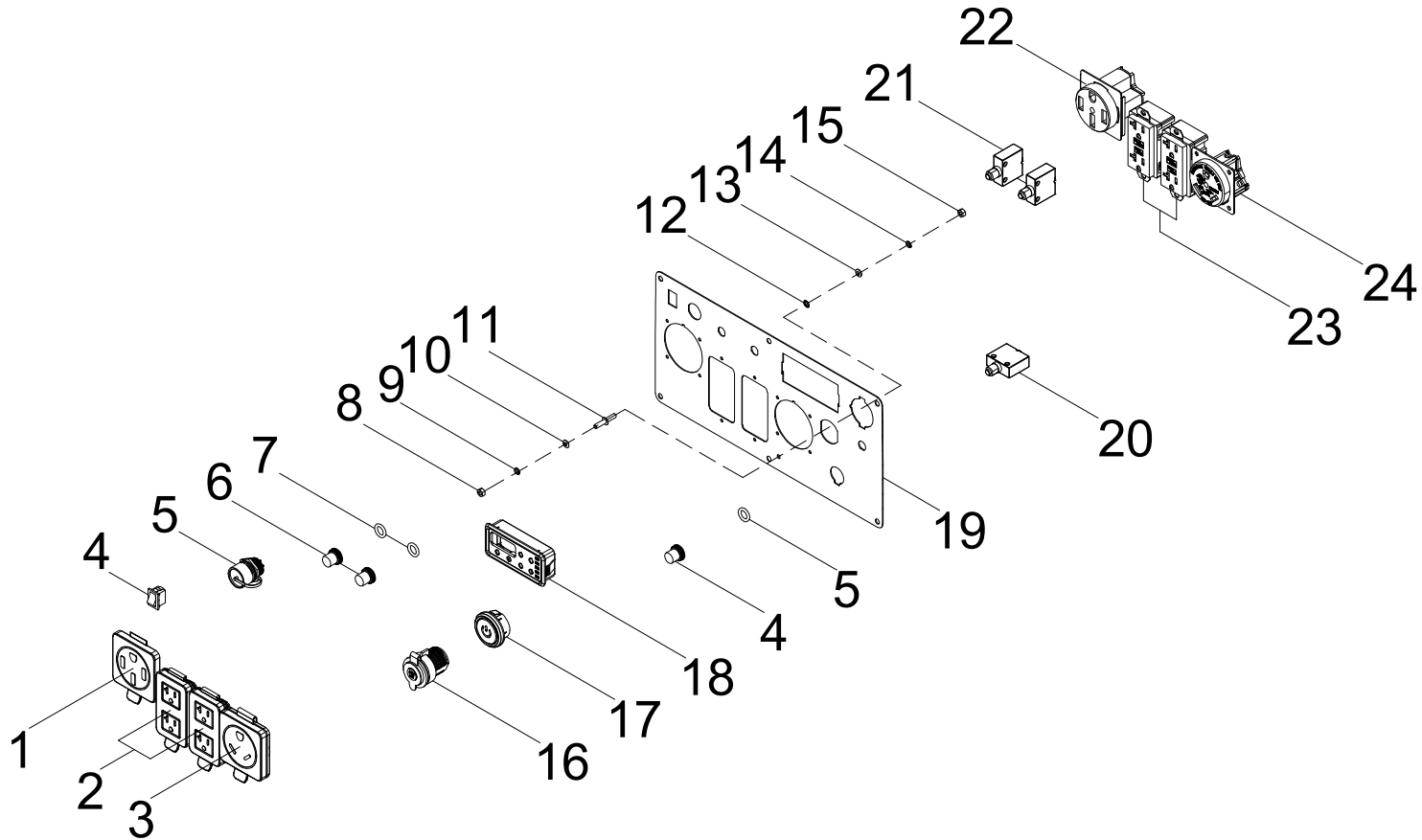


Figure F

CONTROL PANEL PARTS LIST

#	Part Number	Description	Qty.
1	100731570	Receptacle Cover, 14-50R	1
2	100731574	Receptacle Cover, GFCI 5-20R, Duplex	2
3	100731572	Receptacle Cover, TT-30R	1
4	100831371	Stop Switch	1
5	100822313	Receptacle, AC380V,5A	1
6	100120180-0001	Cover, Circuit Breaker	3
7	100031552	O-Ring	3
8	100011421-0003	Flange Nut M6	1
9	100010886-0004	Spring Washer Ø6	1
10	100010910-0003	Flat Washer Ø6	1
11	100092320-0001	Ground Stud	1
12	100128826-0001	Lock Washer Ø6, Toothed	1
13	100010919-0002	Flat Washer Ø5	1
14	100010885-0003	Spring Washer Ø5	1
15	100074511-0003	Nut M5	1
16	100019782	Receptacle, 12 VDC	1
17	100822827	Push-Button Start	1
18	100762714	Intelligauge, INT5DINV	1
19	100817570	Control Panel	1
20	100057719	8Amp Circuit Breaker, Push Button	1
21	100019754	20Amp Circuit Breaker, Push Button	2
22	100020022	Receptacle L14-50R	1
23	100052461-0001	Receptacle 5-20R, Duplex	2
24	100161320	Receptacle TT-30R	1

HOUSING ASSEMBLY PARTS DIAGRAM

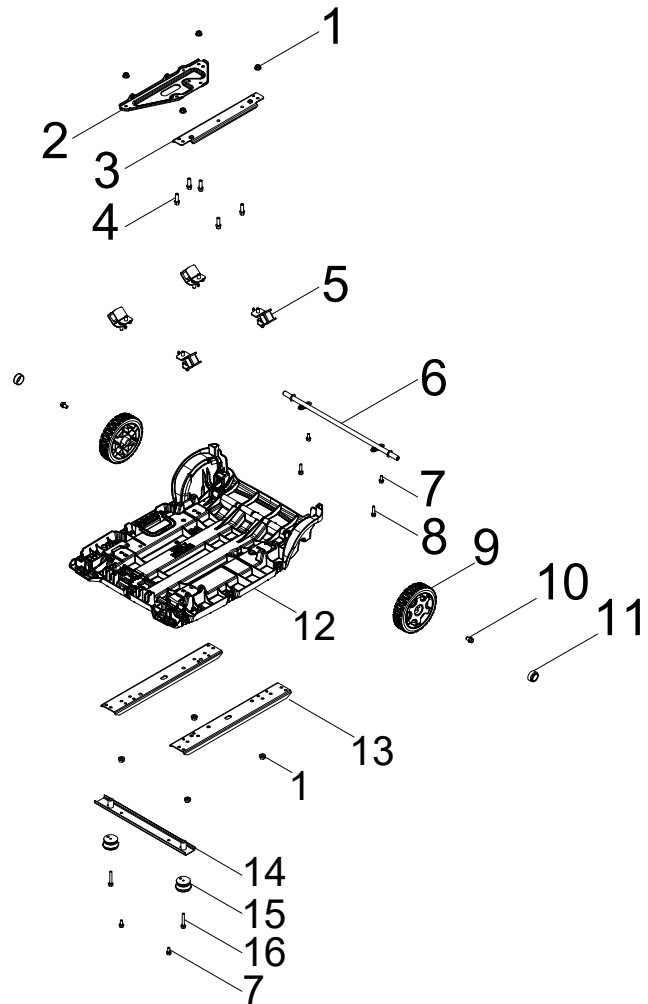


Figure G

HOUSING ASSEMBLY PARTS LIST

#	Part Number	Description	Qty.
1	100011464-0003	Nut M8	8
2	100759245	Engine Front Board	1
3	100759247	Engine Rear Board	1
4	100011551-0002	Small Flange Bolt M8 x 25	5
5	100760467	Vibration Mount, Support	4
6	100813643	Wheel Shaft	1
7	100011262-0003	Flange Bolt M6 x 14	4
8	100011268-0003	Flange Bolt M6 x 25	2
9	100813498	Tire	2
10	100011308-0003	Flange Bolt M8 x 12	2
11	100762498-0001	Tire Cover, Yellow	2
12	100813676-0001	Housing, Bottom, Black	1
13	100813644-0001	Framework Board 2	2
14	100813645-0001	Framework Board 1	1
15	100150594	Base	2
16	100011273-0003	Flange Bolt M6 x 40	2

StartLINK WIRING DIAGRAM

