

RYOBI
Digital Inverter Generator
Item No. RYi4022X
Mfg. No. 099930628
Replacement Parts List

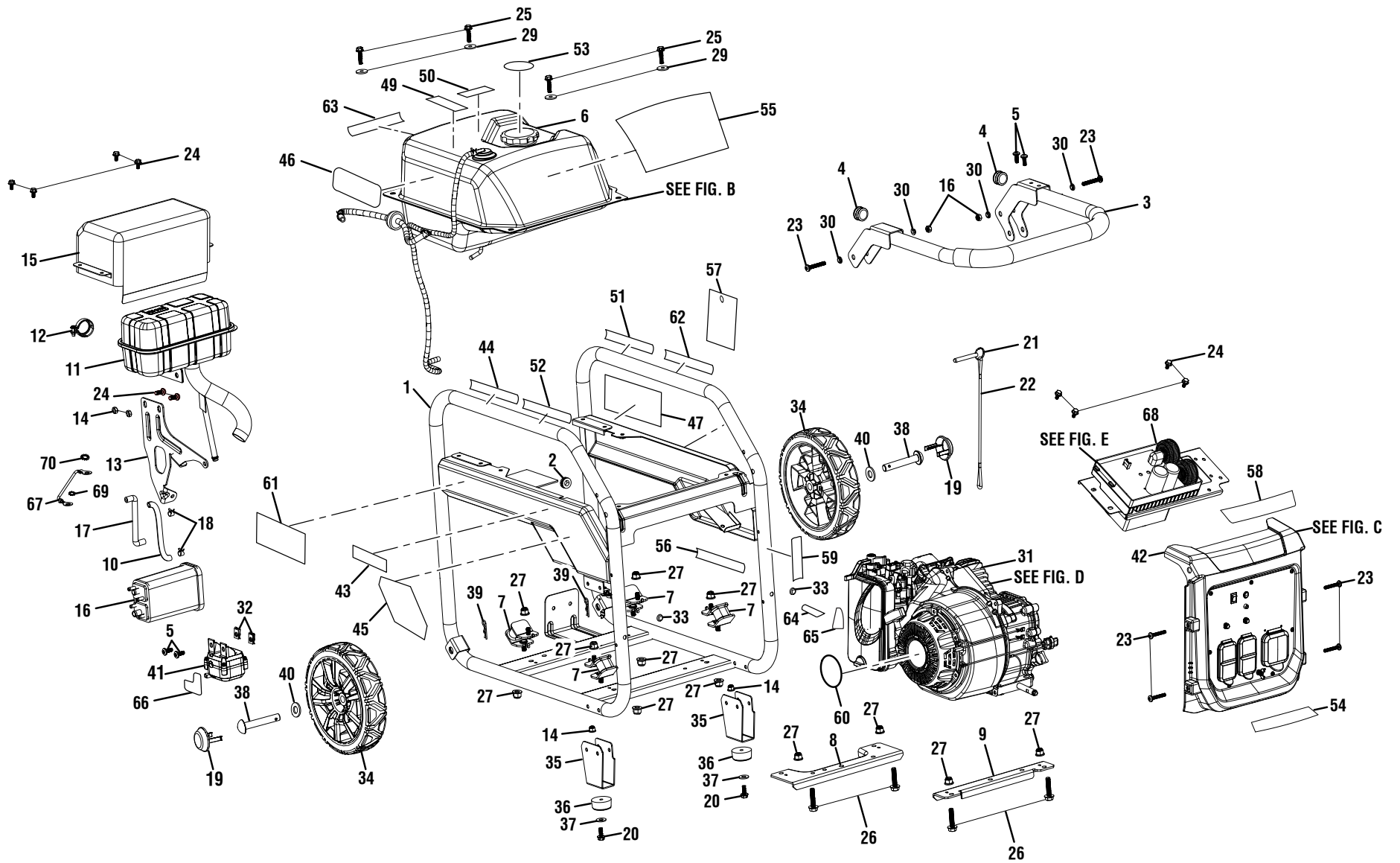
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RYOBI DIGITAL INVERTER GENERATOR – MODEL NO. RYi4022X

FIGURE A



RYOBI DIGITAL INVERTER GENERATOR – MODEL NO. RYi4022X

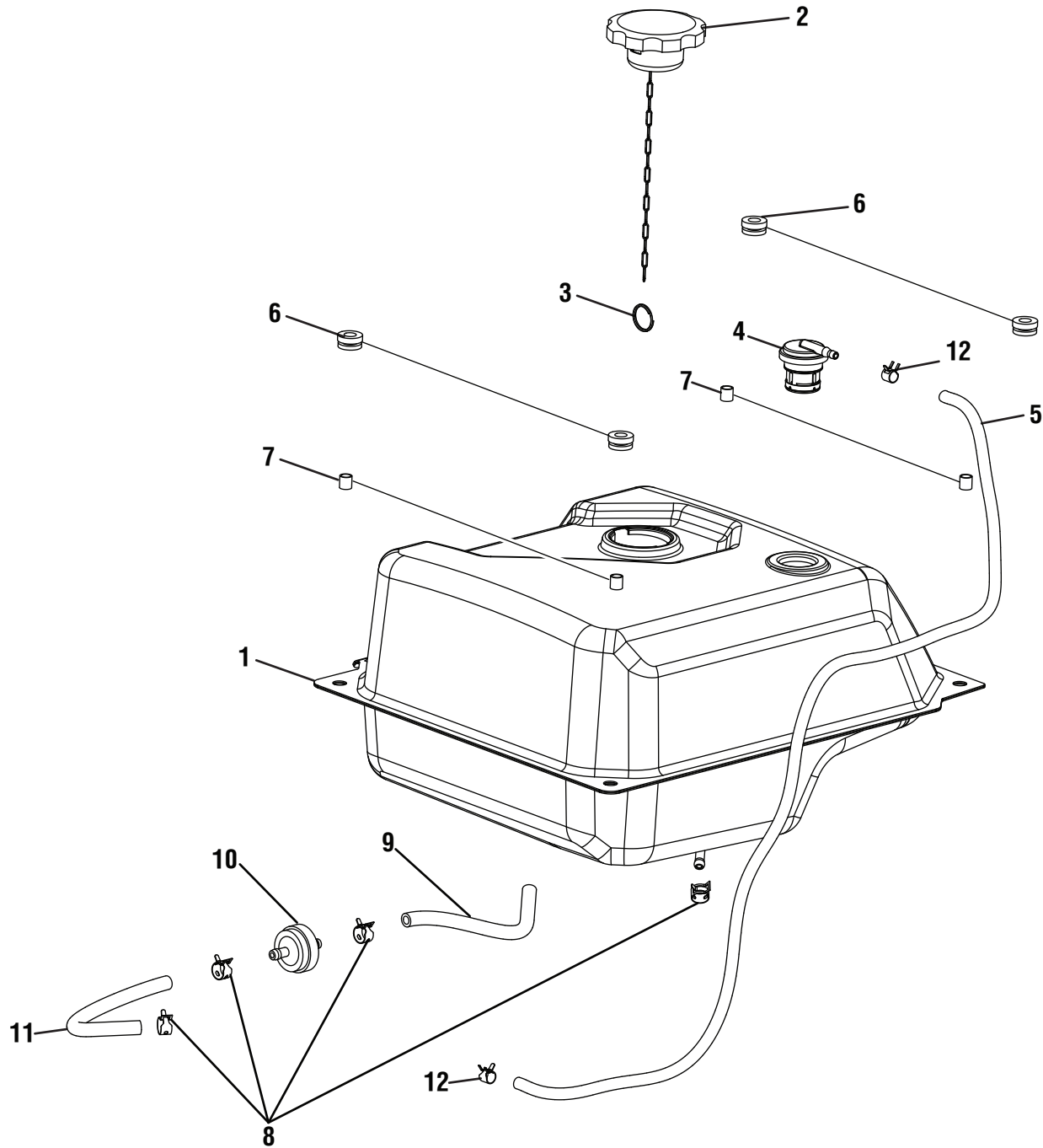
The model number will be found on a label attached to the motor housing. Always mention the model number in all correspondence regarding your **DIGITAL INVERTER GENERATOR** or when ordering parts.

PARTS LIST – FIGURE A

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	308581090	Frame Assembly.....	1	25	662979002	Flange Bolt (M6 x 25 mm)	4	52	940974007	Fire Danger Label	1
2	570766017	Grommet	1	26	662979004	Flange Bolt (M6 x 16 mm, T30 Torx Pan Hd.).....	4	53	940872022	Remove Cap Fuel Stabilizer Label (ENG).....	1
3	308581091	Handle	1	27	678774002	Lock Nut (M8).....	12	54	940513030	Ground Warning Label (ENG/FR).....	1
4	519712010	Handle End Caps	2	28	940680086	Hot Surface Label.....	1	55	940705449	Tank Logo Label	1
5	660764013	Bolt (M6 x 10 mm, T30 Torx Pan Hd.).....	4	29	638128038	Washer	4	56	940708019	Lubricant Label.....	1
6	SEE FIG. B	Fuel Tank Assembly.....	1	30	639128039	Shoulder Washer	4	57	940971087	Notice Hang Tag.....	1
7	679940014	Isolator (45 Deg)	4	31	SEE FIG. C	Control Panel Assembly	1	58	940705448	Performance Label	1
8	638496059	Bottom Plate (Left)	1	32	678824004	U-Clip	2	59	940514001	Locking Pin Label.....	1
9	638496060	Bottom Plate (Right)	1	33	570371008	Handle Bumper	2	60	940633057	Engine Recoil Label.....	1
10	570358213	Pair Valve Hose	1	34	330073008	Wheel (8 in.).....	2	61	940734189	Start Label	1
11	309322052	Muffler	1	35	638496062	Foot	2	62	940872027	Fuel Stabilizer Label (Fr/Sp)	1
12	638147015	Spark Screen.....	1	36	570554001	Wear Pad	2	63	940680064	Hot Surface Label.....	1
13	638496063	Muffler Bracket.....	1	37	638128004	Washer	2	64	940734192	Off Label.....	1
14	678460009	Nut (M6).....	16	38	681866010	Axle.....	2	65	940734191	On Label	1
15	638497052	Muffler Heat Shield.....	1	39	678146004	Hitch Pin.....	2	66	941207016	Led Warning Label	1
16	310771072	Carbon Canister (Rewin Q-08-007 RW320cc).....	1	40	638275002	Washer	2	67	290404022	Ground Wire	1
	310771075	Carbon Canister (Depurate Q-13-004)	1	41	290432044	Control Module Assembly	1	68	SEE FIG. E	Invert Module assembly	1
17	570358218	Carbon Canister To Airbox Hose.....	1	42	SEE FIG. D	Engine, Ducar 212cc Inverter EZSRT 2019	1	69	638704001	Star Washer (5/16 in.).....	1
				43	941486008	Inquiries Label	1	70	638704002	Star Washer (ID6.4 x OD11 x 0.6t)	1
18	678409008	Fuel Clamp (3/8 in)	2	44	940947025	Combustion Label	1		Not Shown:		
19	529655001	Hub Caps	2	45	941807005	Monitoring System Label	1		995000894	Spark Arrestor Screen Insert Sheet	
20	662979005	Bolt (M6 x 16 mm, Hex Hd).....	2	46	941211001	Instruction Label.....	1		995000700	Operator's Manual	
21	310712001	Pin Release.....	1	47	940515017	CPSC Danger Label	1		995000701	Quick Start Guide	
22	310715001	Lanyard.....	1	48	940654413	Danger Icon Label	1				
23	660224012	Bolt (M6 x 40 mm, T30 Torx Pan Hd.).....	6	49	940872003	E85 Label.....	1				
24	662979001	Flange Bolt (M6 x 12 mm)	10	50	941209003	Exhaust Direction Label	1				
				51	940974089	Fire Distance Label.....	1				

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FIGURE B



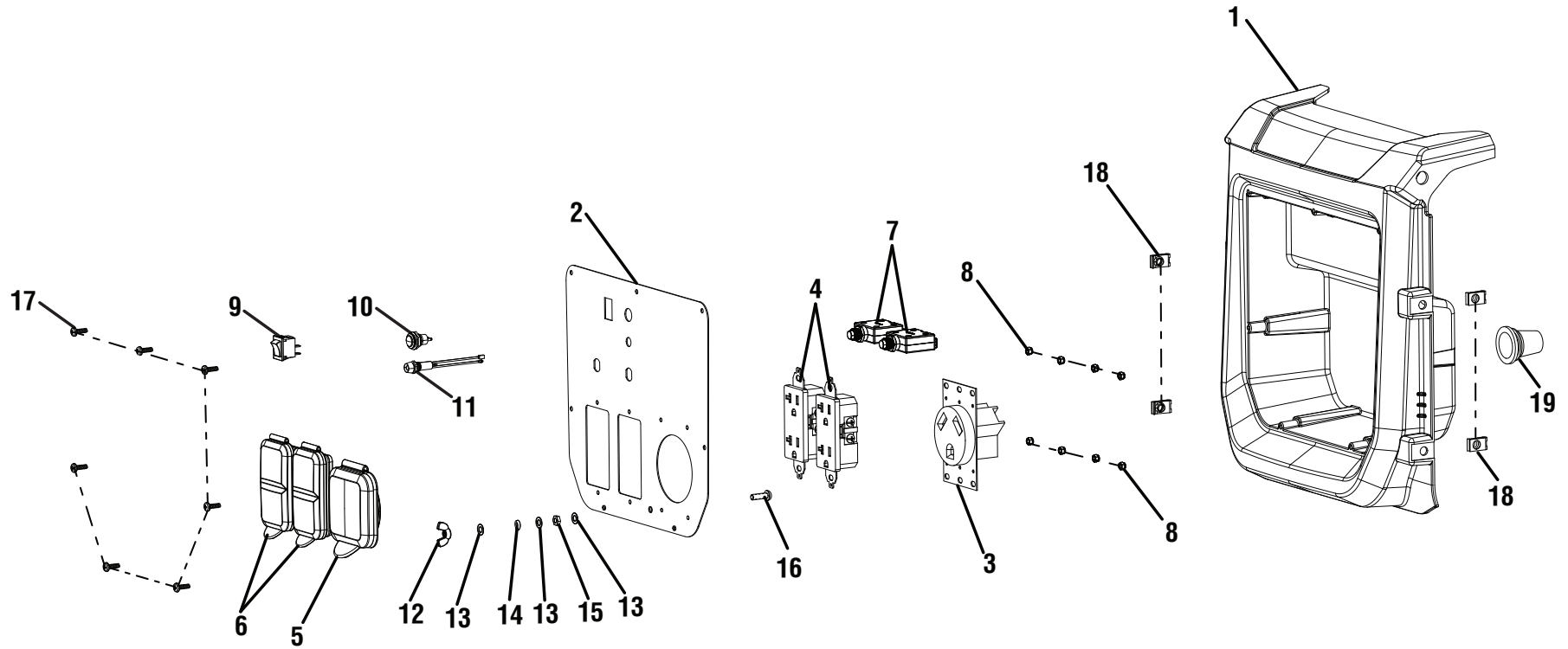
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PARTS LIST – FIGURE B

KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	310711232	Fuel Tank	1
2	310720026	Fuel Cap w/Chain	1
3	678899007	Ring Clip	1
4	310854004	Vapor Vent.....	1
5	570358209	Vapor Hose (4.5 mm x 760 mm)	1
6	519832003	Bushing.....	4
7	518528002	Isolator Insert Spacer.....	4
8	678408006	Fuel Clamp (1/2 in.).....	4
9	570358210	Fuel Hose (6.2 mm to 4.5 mm)	1
10	308733008	Inline Fuel Filter.....	1
11	570358211	Fuel Hose.....	1
12	678409008	Fuel Clamp (3/8 in.).....	2

FIGURE C



RYOBI DIGITAL INVERTER GENERATOR – MODEL NO. RYi4022X

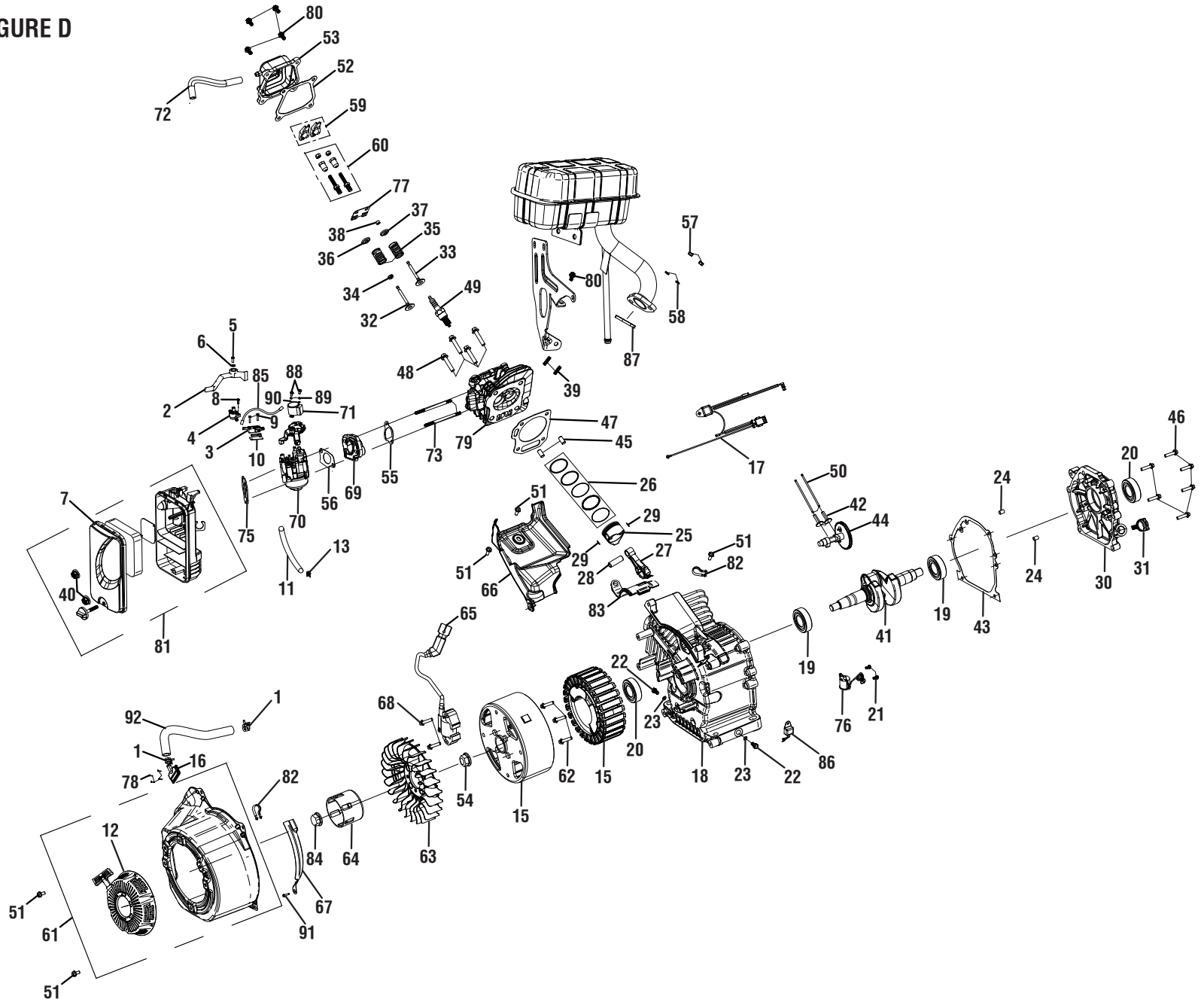
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PARTS LIST – FIGURE C

KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	519815016	Electrical Panel Housing	1
2	638496051	Control Panel.....	1
3	290400009	120 Volt Receptacle	1
4	290400017	120 Volt 20 Amp Duplex Receptacle	2
5	570412013	Outlet Cover	1
6	570412008	120 Volt Rain Cover.....	2
7	780350009	Breaker 20A.....	2
8	678827004	Lock Nut (M4).....	8
9	760504016	Auto Idle Rocker Switch.....	1
10	760945005	Momentary Push Button-Reset	1
11	270290022	Indicator - Red Led	1
12	678016009	Wing Nut (M5)	1
13	638623005	Washer (ID 5.3 x OD 10.0 x 0.5 t).....	1
14	678343003	Split Lock Washer (OD 9 x ID 5 x 1.3t).....	1
15	678016008	Nut (M5).....	1
16	660976002	Bolt (M5 x 16 mm, Pan Hd).....	1
17	661864006	Screw (M4.2 x 12 mm, Pan Hd)	7
18	678824004	U-Clip (M6)	4
19	570766006	Wiring Rubber Boot.....	1

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FIGURE D



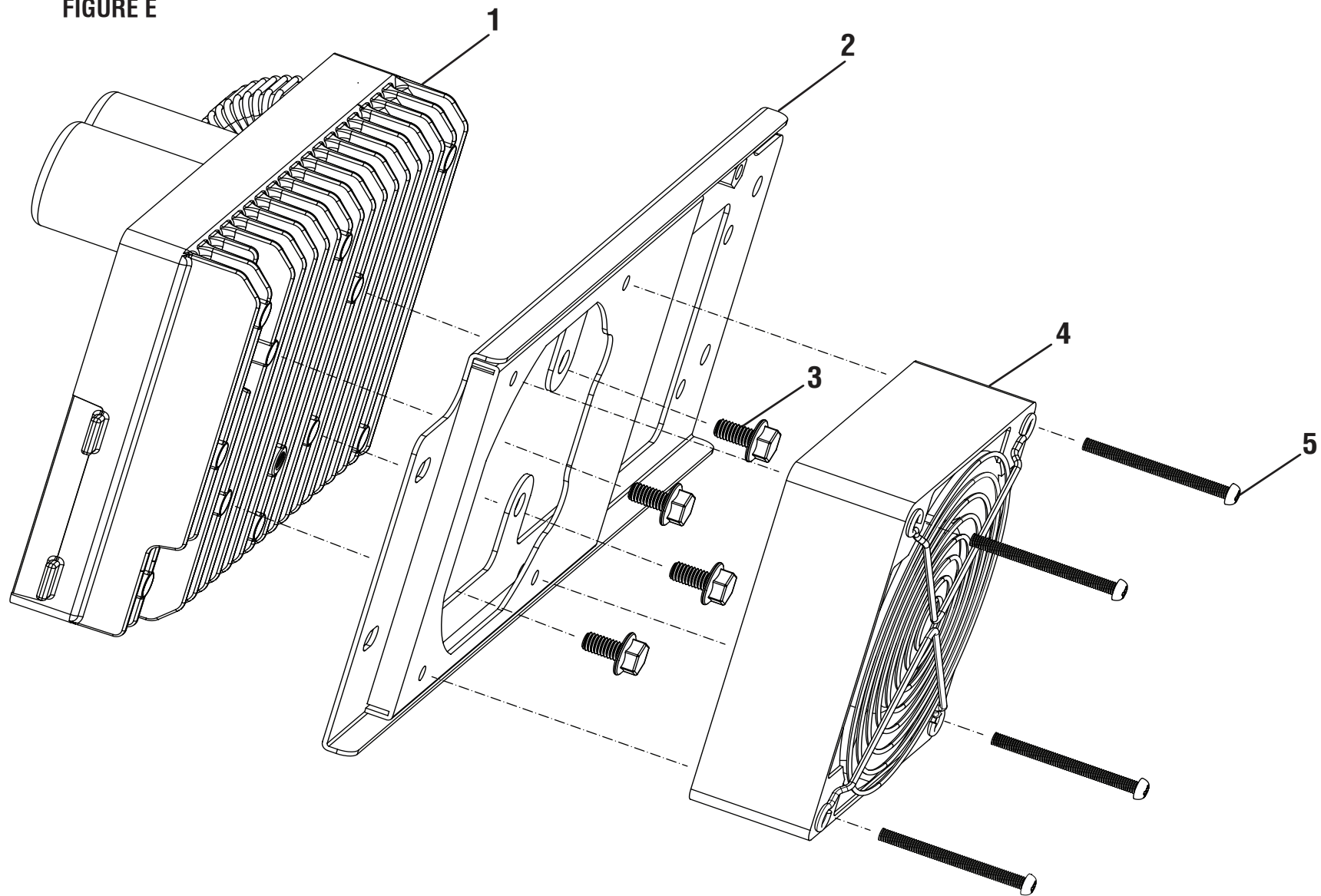
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PARTS LIST – FIGURE D

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	678409012	Fuel Hose Pinch Clamp.....	2	32	D241704	Intake Valve	1	64	D334502	Starter Pulley.....	1
2	525361004	Control Lever.....	1	33	D245904	Exhaust Valve.....	1	65	D249813	Ignition Coil	1
3	291443003	Engine Stop Switch.....	1	34	D241806	Intake Valve Returner	1	66	D240520	Shroud.....	1
4	678670007	Fuel Valve.....	1	35	D246001	Spring Valve	1	67	D240521	Shroud.....	1
5	660465002	Bolt (M4 x 10 mm, Pan Hd.).....	1	36	D241801	Spring Valve Intake Seat	1	68	D91334	Bolt (M6 x 30 mm).....	2
6	673156001	Washer	1	37	D241802	Spring Valve Exhaust Seat	1	69	D332301	Carburetor Insulator	1
7	518248002	Air Box.....	1	38	D241804	Rotator	1	70	D247616	Carburetor Assembly	1
8	660972028	Bolt (M6 x 10 mm, Pan Hd.).....	1	39	D91007	Stud Bolt	2	71	D359911	Stepper Motor	1
9	661864011	Screw (M2.9 x 16 mm, Pan Hd.)	2	40	D90016	Nut (M6).....	2	72	D95602	Breather Tube.....	1
10	638970004	Engine Stop Bracket	1	41	D248015	Crankshaft Assembly	1	73	D91029	Stud.....	2
11	570358154	Fuel Hose (300 mm)	1	42	D246102	Valve Lifter.....	2	74	D94412	Fuel Line Clip	1
12	636996001	Engine Recoil Cover.....	1	43	D96041	Casecover Packing	1	75	D94226	Carburetor Spacer.....	1
13	678409008	Fuel Clamp (3/8 in.)	2	44	D332006	Camshaft Assembly	1	76	D245106	Oil Level Switch Assembly.....	1
14	310771074	Rotor	1	45	D240905	Dowel Pin	2	77	D242202	Push Rod Guide Plate.....	1
15	310772069	Stator.....	1	46	D91347	Bolt (M8 x 30 mm).....	6	78	D92032	Screw	4
16	678670015	Pair Valve.....	1	47	D96058	Cylinder Head Gasket	1	79	D241028	Cylinder Head	1
17	290435073	Engine Shutdown Wire Harness.....	1	48	D91359	Bolt (M8 x 60 mm).....	4	80	D91969	Bolt (M6 x 16 mm).....	5
18	D240245	Crankcase	1	49	D97108	Spark Plug.....	1	81	D242932	Air Cleaner Assembly	1
19	D93009	Ball Bearing	2	50	D241901	Push Rod.....	2	82	D94447	Fuel Line Clip	2
20	D93507	Oil Seal	1	51	D91325	Bolt.....	5	83	D240519	Shroud.....	1
21	D91329	Bolt (M6 x 16 mm).....	2	52	D96256	Headcover Packing.....	1	84	D91864	Bolt.....	1
22	D91816	Drain Plug Bolt	2	53	D241119	Cylinder Head Cover	1	85	D536418	Flameout Wire	1
23	D94007	Drain Plug Washer.....	2	54	D90003	Nut.....	2	86	D245116	Amplifier	1
24	D240901	Casecover Dowel Pin	2	55	D96047	Intake Packing.....	1	87	D96255	Washer	1
25	D241208	Piston	1	56	D96051	Carburetor Packing	1	88	D91805	Bolt (M3 x 8 mm).....	2
26	D241607	Piston Scraper Ring Set.....	1	57	D90011	Nut.....	2	89	D94203	Spring Washer.....	2
27	D241503	Connecting Rod Assembly	1	58	D94206	Spring Washer.....	2	90	D94217	Flat Washer	2
28	D245503	Piston Ring.....	1	59	D242101	Rocker Assembly	2	91	D91330	Bolt (M6 x 20 mm).....	1
29	D241301	Piston Clip.....	2	60	D91818	Adjuster Rocker Arm	2	92	570358213	Pair Valve Hose	1
30	D240130	Crankcase Cover Assembly	1	61	D247429-164A	Recoil Starter Assembly	1		Not Shown		
31	D245601-313	Dipstick	1	62	D91312	Bolt (M6 x 45 mm).....	3		120968052	High Altitude Kit	
				63	D244602	Recoil StarterFan	1				

FIGURE E



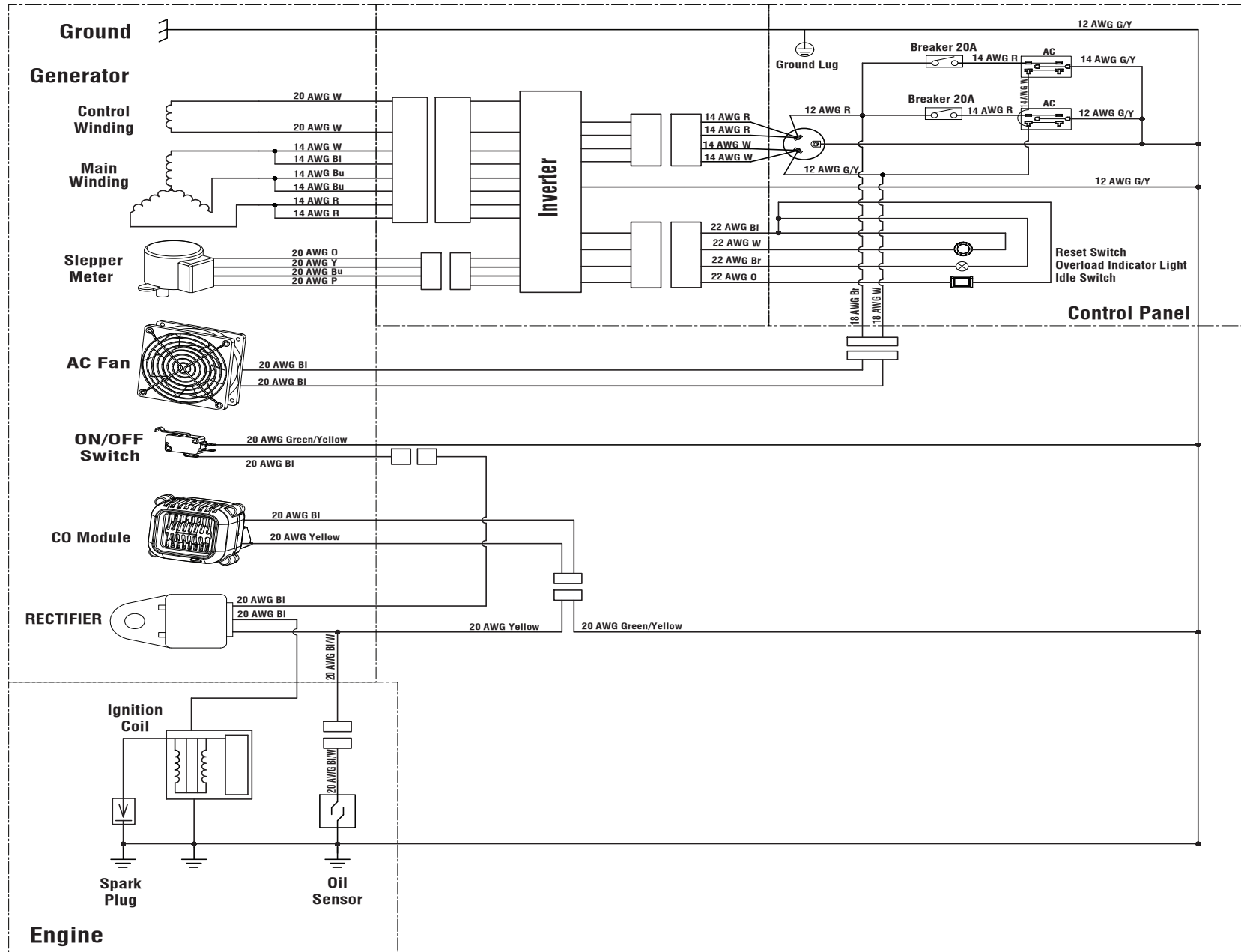
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PARTS LIST – FIGURE E

KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	290991044	Inverter Module	1
2	315310001	Inverter Module Bracket Assembly	1
3	890025004	AC Cooling Fan	1
4	662979001	Bolt (M6 x 12 mm, Hex Hd.).....	4
5	660764009	Screw (M4 x 46 mm, Pan Hd.)	4

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WIRING DIAGRAM