

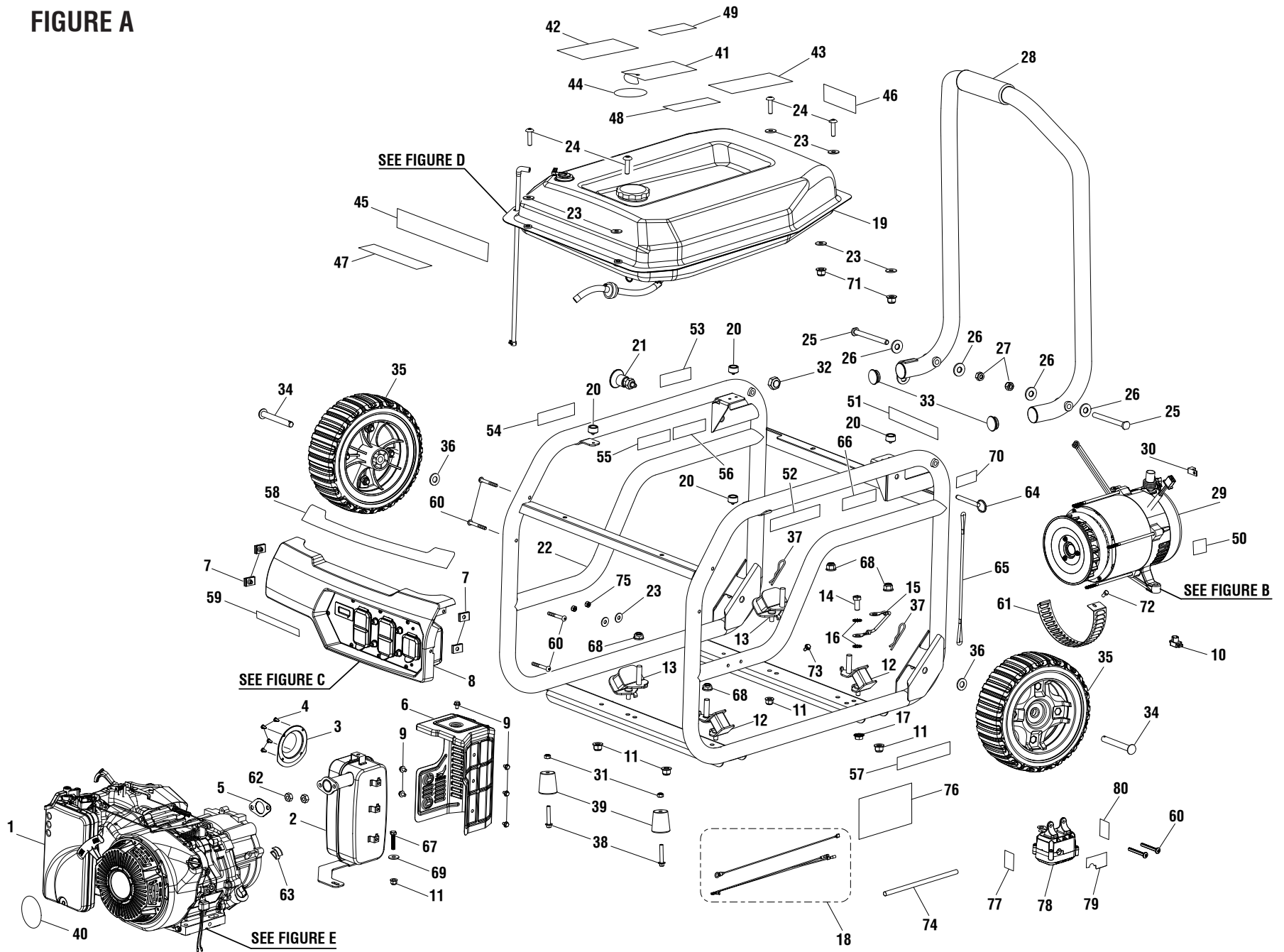
RYOBI
Item No. RY906500S
Mfg. No. 099930624
Replacement Parts List

TECHTRONIC INDUSTRIES POWER EQUIPMENT

P.O. Box 1288
Anderson, SC 29622
Phone 1-800-860-4050
www.ryobitools.com

RYOBI GENERATOR - RY906500S

FIGURE A



RYOBI GENERATOR – RY906500S

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

PARTS LIST – FIGURE A

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	Note A	Engine (Ducar 420cc)	1	26	638128002	Washer (5/16 in.).....	4
2	309322041	Muffler.....	1	27	678259003	Lock Nut (5/16-18).....	2
3	638147003	Spark Arrester.....	1	28	310224081	Handle Assembly (Inc. Key No. 33)	1
4	661306001	Screw (8-32 x 3/8 in.).....	4	29	310227079	Generator Head Assembly	1
5	678728006	Exhaust Gasket	1	30	638703005	Ground Lug.....	1
6	638497044	Heat Shield	1	31	678774003	Lock Nut (M8).....	2
7	678824004	U-Clip (M6)	4	32	678518002	Lock Nut (1/2-20).....	1
8	See Fig. C	Control Panel Assembly	1	33	519712003	End Cap.....	2
9	660975009	Bolt (M6 x 9 mm, Hex Flange Hd.)	6	34	681866002	Axle Bolt	2
10	570766008	Rubber Wire Protector.....	1	35	308451033	Wheel.....	2
11	678774002	Lock Nut (M8)	5	36	638422004	Washer (M10).....	2
12	679940003	Isolator (Large).....	2	37	678146002	Hitch Pin	2
13	679940005	Isolator (Small).....	2	38	661836007	Bolt (M8 x 45 mm, Hex Flange Hd.)	2
14	661502005	Bolt (5/16-18 X 0.75 in.).....	1	39	562856010	Foot	2
15	290404001	Ground Wire Assembly.....	1	40	940633049	Recoil Label.....	1
16	638704001	Star Washer (5/16 in.)	2	41	940971087	Notice Hang-tag	1
17	678145002	Flange Nut (5/16-18).....	1	42	940654254	Warning Label.....	1
18	290435031	Wire Harness	1	43	940515016	CPSC Label.....	1
19	310711180	Fuel System.....	1	44	940872022	Fuel Stabilizer Label	1
20	570712006	Handle Bumper.....	4	45	940705327	Logo Label.....	1
21	308910008	Quick Release Pin (Inc Key No. 32).....	1	46	940947025	Combustion Warning Label.....	1
22	308581082	Carrier Assembly	1	47	940617154	Start Label	1
23	638387002	Washer (1/4 in., Type A).....	8	48	940872024	Fuel Stabilizer Label (SP/FR).....	1
24	660901003	Screw (1/4-20 x 1 in., T30 Torx Hd.).....	4	49	940872003	E85 Label.....	1
25	678522027	Handle Pivot Bolt.....	2				

NOTE A: Techtronic Industries Power Equipment, Inc., Will not provide complete engines as replacement parts. Engines are covered through the engine manufacturer's warranty. Consult the accompanying engine manual or contact our service department for assistance.

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PARTS LIST – FIGURE A

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
50	940513002	Ground Label.....	1	68	678297001	Locking Nut (M10)	4
51	940513029	Ground Warning Label.....	1	69	638675001	Washer (OD 25.4 x ID 9 x 1t)	1
52	940974007	Fire Danger Label	1	70	940514010	Insert Pin Lock Label.....	1
53	940758005	Pin Release Label.....	1	71	678016002	Lock Nut	2
54	941209001	Exhaust Direction Label.....	1	72	660927001	Screw (M5 x 11.8 mm, Hex Hd.).....	1
55	940680027	Hot Surface Label.....	1	73	661603001	Bolt (M5 x 10 mm, Hex Flange Hd.)	2
56	940974089	Fire Distance Label.....	1	74	700152005	Sleeve	1
57	940708019	Lubricant Label.....	1	75	678460009	Lock Nut (M6)	2
58	940779240	Performance Label	1	76	941211002	Auto Shut-Off Hang Tag	1
59	940647122	Choke Label	1	77	941207001	CO Shut-Off Label (English/Spanish)	1
60	660224019	Screw (M6 x 50 mm, T30 Torx Pan Hd.).....	6	78	290432028	CO Detector Shutdown Module.....	1
61	638983001	Gen-head Fan Cover	1	79	941207002	CO Monitor LED Label	1
62	678355001	Hex Nut (M8).....	2	80	941207003	CO Do Not Tamper (French/Spanish).....	1
63	563030001	Gen-head Hole Cover.....	1	Not Shown:			
64	310712001	Release Pin.....	1		995000446	Operator's Manual	
65	310715001	Lanyard.....	1		995000447	Quick Reference Guide	
66	941486008	Inquiries Label	1		120302017	Hardware Kit	
67	660973019	Bolt (M8 x 40 mm, Hex Hd.).....	1				

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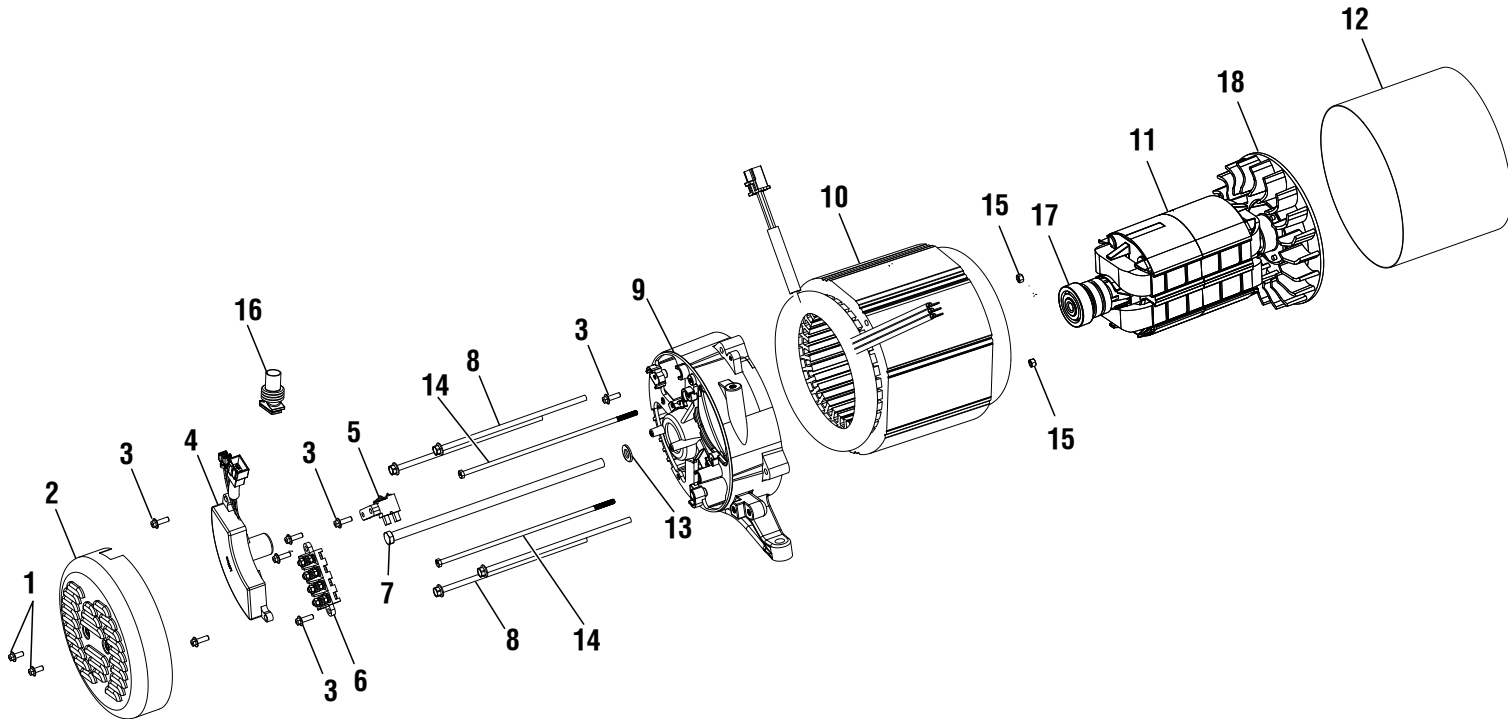


FIGURE B

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	660938025	Bolt (M5 x 12 mm, Hex Flange Hd.)	2	10	310772016	Stator Assembly	1
2	678296002	Brush Cover	1	11	310771017	Rotor Assembly	1
3	660938024	Bolt (M5 x 16 mm, Hex Flange Hd.)	7	12	638545004	Wrapper	1
4	290440010	Automatic Voltage Regulator	1	13	638678012	Rotor Washer	1
5	290441006	Brush Assembly	1	14	660938023	Bolt (M6 x 224 mm)	2
6	290602006	Terminal Block	1	15	690840003	Nut (M5)	2
7	661557019	Rotor Bolt (M10 x 272 mm)	1	16	570766004	Rubber Boot	1
8	660869009	Stator Bolt (M6 x 187 mm)	4	17	681963001	Ball Bearing (190 mm)	1
9	678289008	Bearing Housing	1	18	310757004	Fan	1

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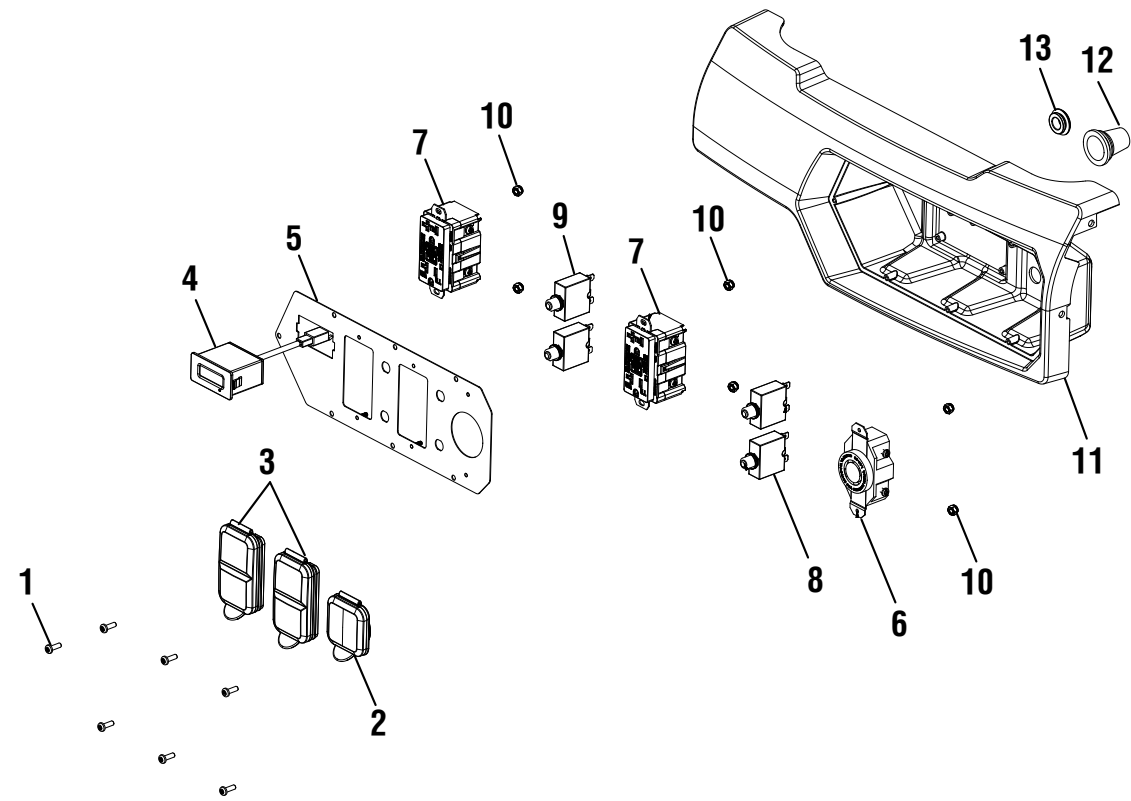


FIGURE C

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	660899002	Screw (M8-18 x ½ in., T20 Torx Hd.)	7	7	290400024	Duplex Receptacle (120V)	2
2	570412007	Outlet Cover	1	8	780351018	Circuit Breaker (27 Amp)	2
3	570412008	Duplex Outlet Cover	2	9	780350001	Circuit Breaker (20 Amp)	2
4	290492005	Digital Meter	1	10	678827004	Lock Nut (M4)	6
5	638496041	Front Panel	1	11	519815010	Control Box (Back Panel)	1
6	290401004	Twist Lock Receptacle (120/240 Volt, 30 Amp, L14-30)	1	12	570766006	Rubber Boot	1
				13	570766010	Grommet	1

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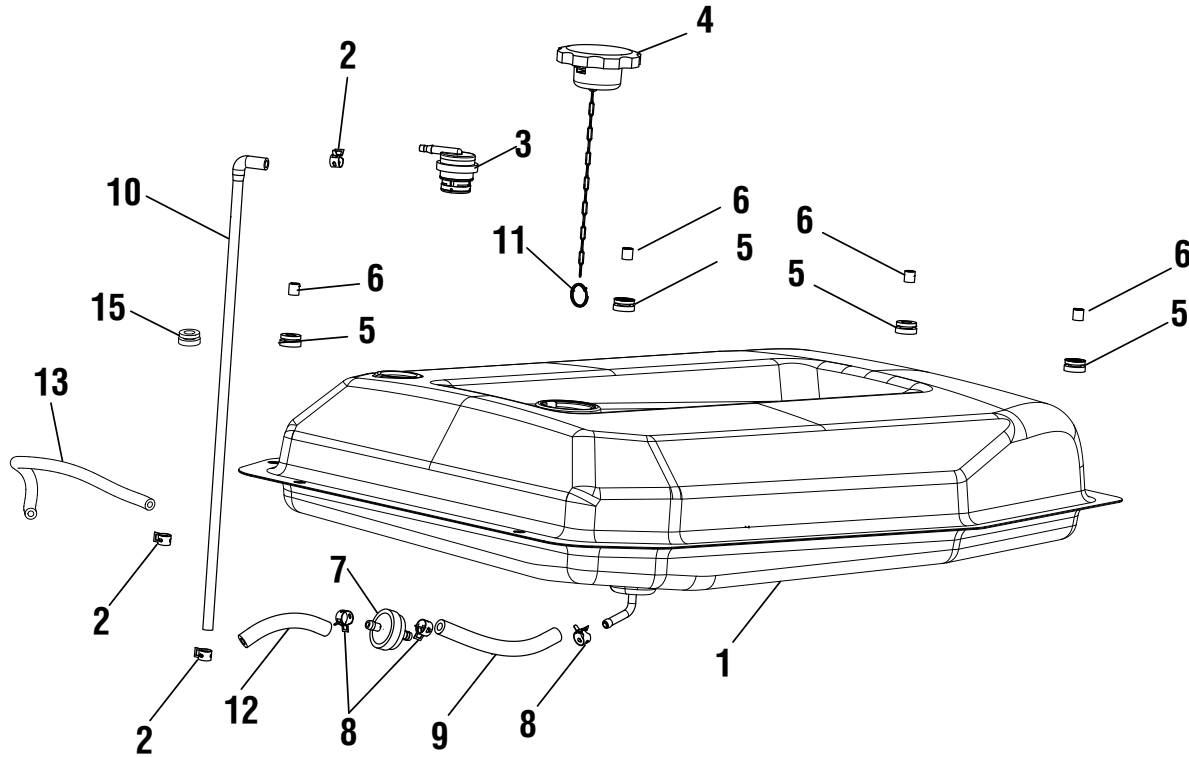
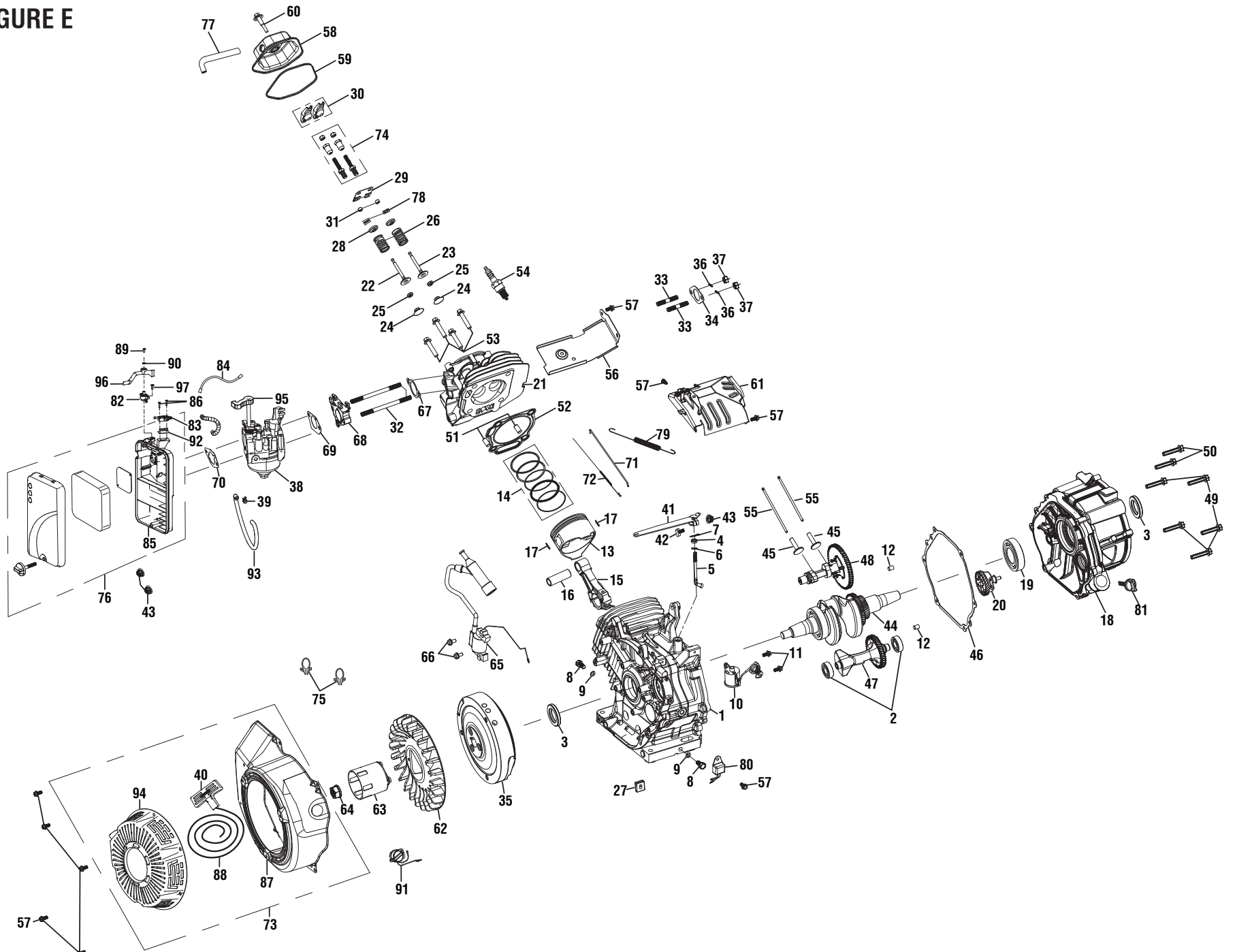


FIGURE D

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	310711097	Fuel Tank.....	1	8	678408006	Fuel Line Clamp (1/2 in.).....	3
2	678409003	Fuel Line Clamp (7/16 in.).....	3	9	570358162	Fuel Hose (270 mm).....	1
3	310854006	Vapor Vent.....	1	10	570358163	Vapor Hose (420 mm).....	1
4	310720026	Fuel Cap.....	1	11	678899007	Ring Clip	1
5	519832003	Bushing.....	4	12	570358161	Fuel Hose (115 mm).....	1
6	518528002	Isolator	4	13	570358160	Fuel Hose (280 mm).....	1
7	308733001	Fuel Filter Inline (1/4 in.).....	1	14	570358091	Fuel Hose Protector.....	1

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FIGURE E



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PARTS LIST – FIGURE E

KEY	P/N	DESCRIPTION	QTY	KEY	P/N	DESCRIPTION	QTY
1	D260220	Crankcase	1	26	D266002	Valve Spring.....	2
2	D93002	Ball Bearing	2	27	D269901	Starter Assembly Rubber	1
3	D93511	Oil Seal	2	28	D261805	Exhaust Valve Spring Seat	2
4	D93514	Governor Arm Shaft Seal.....	1	29	D262201	Push Rod Guide Plate	1
5	D263901	Governor Arm Shaft.....	1	30	D262101	Rocker Assembly.....	2
6	D96806	Governor Arm Shaft Washer	1	31	D261806	Rotator.....	2
7	D263902	Lock Pin	1	32	D91016	Stud Bolt.....	2
8	D91817	Drain Plug Bolt.....	2	33	D91007	Stud Bolt.....	2
9	D94004	Drain Plug Washer.....	2	34	D96083	Exhaust Packing.....	1
10	D265102	Oil Level Switch Assembly	1	35	D260401	Flywheel Assembly	1
11	D91329	Bolt (M6 x16 mm)	2	36	D94206	Spring Washer	2
12	D240901	Cascover Dowel Pin	2	37	D90011	Hex Nut (M8).....	2
13	D261205	Piston.....	1	38	D262839	Carburetor Assembly.....	1
14	D261604	Piston Scraper Ring Set	1	39	DF4000H-14008-C	Fuel Line Clip.....	1
15	D261503	Connecting Rod Assembly.....	1	40	DJ188f-16110-B	Starter Grip	1
16	D265501	Piston Pin	1	41	D264001	Governor Arm	1
17	D261301	Piston Clip	2	42	D91822	Governor Arm Bolt.....	1
18	D260111	Crankcase Cover Assembly	1	43	D90016	Nut (M6).....	3
19	D93015	Ball Bearing	1	44	D260316	Crankshaft Assembly	1
20	D264301	Governor Assembly	1	45	D266101	Valve Lifter	2
21	D261002	Cylinder Head.....	1	46	D96072	Cascover Package	1
22	D261702	In Valve	1	47	D260301	Balancing Shaft	1
23	D265903	Exhaust Valve	1	48	D262003	Camshaft Assembly	1
24	D261807	Intake Valve Returner	2	49	D91348	Bolt (M8 x 35 mm)	5
25	D93513	Oil Seal Valve.....	2	50	D91349	Bolt (M8 x 40 mm)	2

WARNING:

To avoid possible personal injury or equipment damage, a registered electrician or an authorized service representative should perform installation and all service. Under no circumstances should an unqualified person attempt to wire into a utility circuit.

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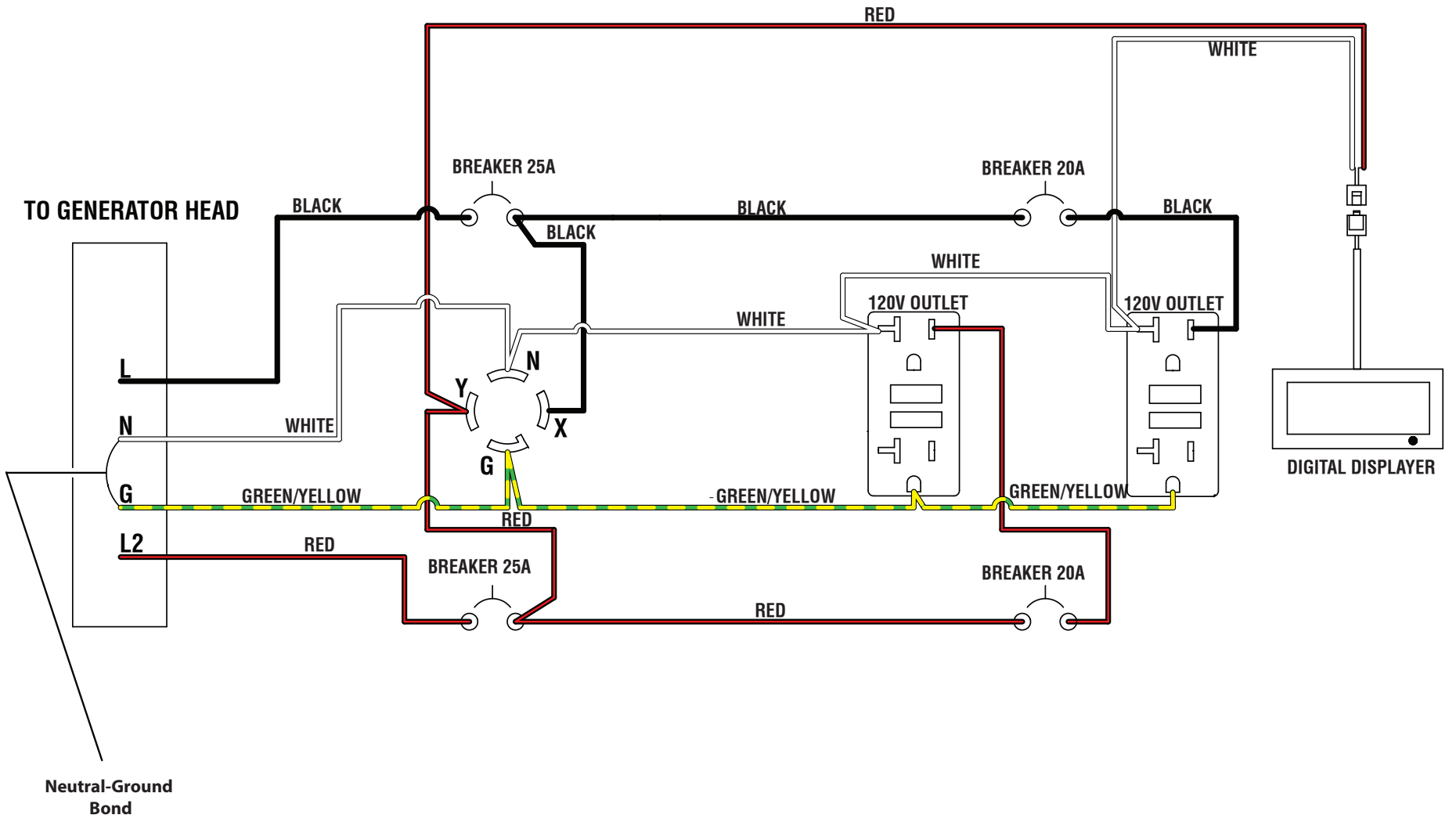
PARTS LIST – FIGURE E

KEY	P/N	DESCRIPTION	QTY	KEY	P/N	DESCRIPTION	QTY
51	D260901	Dowel Pin	2	76	D262922	Air Cleaner Assembly	1
52	D96089	Cylinder Head Gasket	1	77	D95622	Breather Tube	1
53	D91321	Bolt (M10 x 80 mm)	4	78	D260802	Locking Flaps	4
54	D97108	Spark Pulg.....	1	79	D264101	Governor Spring	1
55	D261901	Push Rod.....	2	80	D245111	Amplifier.....	1
56	D260501	Shroud.....	1	81	D265614	Dipstick.....	1
57	D91325	Bolt (M6 x 12 mm)	9	82	678670007	Fuel Valve	1
58	D261104	Cylinder Head Cover Comp	1	83	291443003	Switch Assembly	1
59	D96075	Headcover Packing	1	84	D536408	Flameout Wire	1
60	D91819	Lock Bolt	1	85	518248003	Rear Air Box	1
61	D264409	Upper Shroud Assembly	1	86	661864011	Screw (St 2.9 x 16 mm, Pan Hd)	2
62	D264601	Recoil Starter Fan.....	1	87	D264729-164	Recoil Starter Comp.....	1
63	D264501	Starter Pulley	1	88	DJ188F-16111-A	Rope.....	1
64	D90004	Nut.....	1	89	660465002	Screw (M4 x 10 mm).....	1
65	D97589	Ignition Coil Assembly.....	1	90	973156001	Washer.....	1
66	D91331	Bolt (M6 x 25 mm)	2	91	D536406	Switch Assembly	1
67	D96078	Intake Packing	1	92	638970004	Engine Switch Bracket	1
68	D262301	Carburetor Insulator	1	93	570358160	Fuel Hose (280 mm)	1
69	D96081	Carburetor Packing	1	94	636997001	Recoil cover.....	1
70	D94227	Carburetor Spacer.....	1	95	590458022	Choke Lever (Grey).....	1
71	D262701	Governor Rod	1	96	525361006	Control Lever (Grey).....	1
72	D264201	Throttle Return Spring	1	97	660972028	Bolt (M6 x 10 mm, Pan Hd.)	1
73	D264729-164	Recoil Starter Assembly	1		Not Shown		
74	D91818	Rocker Arm Adujuster	2		120968043	High Altitude Kit (Ducar 420CC)	
75	D260801	Clip	2				

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WIRING DIAGRAM