

RYOBI
Item No. RY907000FI
Mfg. No. 090930308
Replacement Parts List

TECHTRONIC INDUSTRIES POWER EQUIPMENT

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RYOBI GENERATOR - RY907000FI

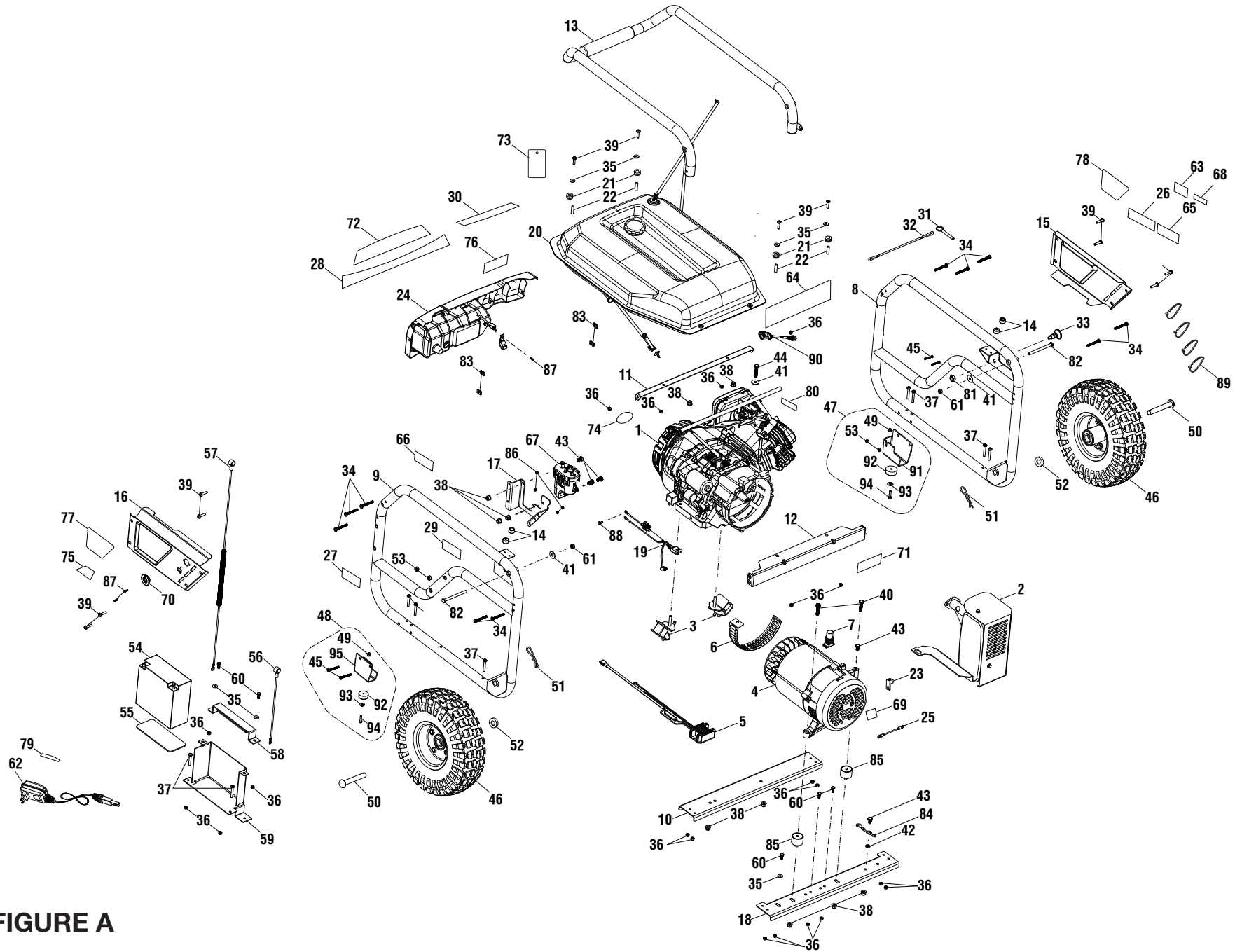


FIGURE A

RYOBI GENERATOR – RY907000FI

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 PART NO. NUMBER	DESCRIPTION	QTY	KEY PART NO. NUMBER	DESCRIPTION	QTY	KEY PART NO. NUMBER	DESCRIPTION	QTY
1	See Note Engine (R420 EFI).....	1	19	290435048 Battery Storage Charger Wire Harness.....	1	37	661834004 Bolt (M8 x 42 mm, Torx Pan Hd.).....	9
2	309322042 Muffler Assembly.....	1	20	See Fig D Fuel System	1	38	678774012 Lock Nut (M8).....	10
3	570356006 Isolator	2	21	519832003 Fuel Tank Bushing.....	4	39	661834005 Bolt (M6 x 25 mm, Torx Pan Hd.).....	12
4	310227073 Generator Head Assembly (See Figure B).....	1	22	51828002 Fuel Tank Isolator	4	40	660973017 Bolt (M8 x 35 mm, Hex Hd.).....	2
5	290433010 Ac To Dc Regulator	1	23	638703003 Ground Lug (1/4-20).....	1	41	638675001 Washer (M8)	3
6	638983001 Genhead Fan Cover	1	24	290403088 Electrical Panel.....	1	42	673157001 Star Washer (M8).....	1
7	570766002 Rubber boot	1	25	290455001 Bonding Wire.....	1	43	660973016 Bolt (M8 x 15 mm, Hex Hd.).....	5
8	308581062 Frame Assembly (Left)	1	26	940680075 Hot Surface Label	1	44	660973019 Bolt (M8 x 40 mm, Hex Hd.).....	1
9	308581063 Frame Assembly (Right)	1	27	940708019 Lubricant Label	1	45	661834008 Bolt (M6 x 48 mm, Pan Hd.).....	4
10	638735052 Cross Member.....	1	28	940779165 Performance Label.....	1	46	308710007 Wheel	1
11	638959024 Fuel Tank Support (Front).....	1	29	940514010 Lock Pin Label.....	1	47	310739015 Foot (Left) (Inc. Key Nos. 45, 49, 53 & 91-94)	1
12	638960016 Fuel Tank Support (Rear).....	1	30	940734173 Quick Start Label	1	48	310739016 Foot (Right) (Inc. Key Nos. 45, 49, 53 & 92-95)	2
13	310224082 Handle Assembly	1	31	310712001 Release Pin	1	49	678259003 Lock Nut.....	2
14	570712002 Handle Bumper	4	32	310715001 Lanyard	1	50	620505001 Axle	2
15	678607011 Panel (Left)	1	33	308910010 Handle Lock Assembly	1	51	678146002 Hitch Pin.....	2
16	678607011 Panel (Right).....	1	34	660224019 Bolt (M6 x 50 mm, T30 Torx Pan Hd.).....	10	52	638128001 Washer (5/8)	2
17	638279017 Fuel Pump Mounting Bracket.....	1	35	673154002 Washer (M6)	7	53	678460009 Nut (M6 x 1 mm).....	4
18	637735002 Cross Member.....	1	36	678460009 Lock Nut (M6).....	20			

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PARTS LIST – FIGURE A

KEY PART NO. NUMBER	DESCRIPTION	QTY	KEY PART NO. NUMBER	DESCRIPTION	QTY	KEY PART NO. NUMBER	DESCRIPTION	QTY
54	750400009 Battery.....	1	70	519813017 Fuel Valve Bezel	1	86	678390001 Nut (M5).....	4
55	570631002 Battery Tray Gasket.....	1	71	940513029 Ground Warning Label	1	87	660923018 Screw (M4 x 12 mm, T20 Torx Pan Hd.).....	3
56	290418004 Battery Cable (Red).....	1	72	940705327 Logo Label	1	88	661603001 Bolt (M5 x 10 mm, Hex Hd.).....	1
57	290419005 Battery Cable (Black 390 mm)	1	73	940971087 Notice Hangtag	1	89	900333015 Wire Tie	4
58	308681002 Battery Bracket	1	74	940633049 Recoil Label.....	1	90	830291002 O2 Sensor	1
59	678714011 Battery Tray	1	75	940780031 Charge Cable Label.....	1	91	638706017 Foot Tall Bracket (Left)	1
60	661505030 Bolt (M6 x 16 mm, Hex hd.)	5	76	940617197 EFI Logo Label (Front).....	1	92	570554001 Wear Pad.....	2
61	678259003 Nut (5/16-18 mm).....	2	77	940617003 EFI Logo Label (Right).....	1	93	638128004 Washer (1/4)	2
62	140173033 Battery Charger	1	78	940617004 EFI Logo Label (Left)	1	94	660154001 Bolt (M6 x 20 mm, Hex Hd.).....	2
63	941486008 Inquires Label.....	1	79	940780025 Battery Maintainer Label	1	95	638706018 Foot Tall Bracket (Right).....	1
64	940947003 Combustion Warning Label.....	1	80	940617199 Throttle Body EFI Logo Label.....	1	Not Shown:		
65	940974089 Fire Distance Label.....	1	81	678518002 Lock Nut (1/2-20)	1	991000695	Operator's Manual	
66	940974007 Fire Danger Label	1	82	678522006 Handle Pivot Pin.....	2	991000696	Quick Reference Guide	
67	308459012 Returnless Fuel Pump.....	1	83	678824004 U-Clip (M6)	4	120302014	Hardware Kit	
68	940758005 Pull Pin Label	1	84	290404001 Ground Wire	1	120302012	Hardware Kit	
69	940513002 Ground Label	1	85	570356012 Isolator Generation 7.....	2			

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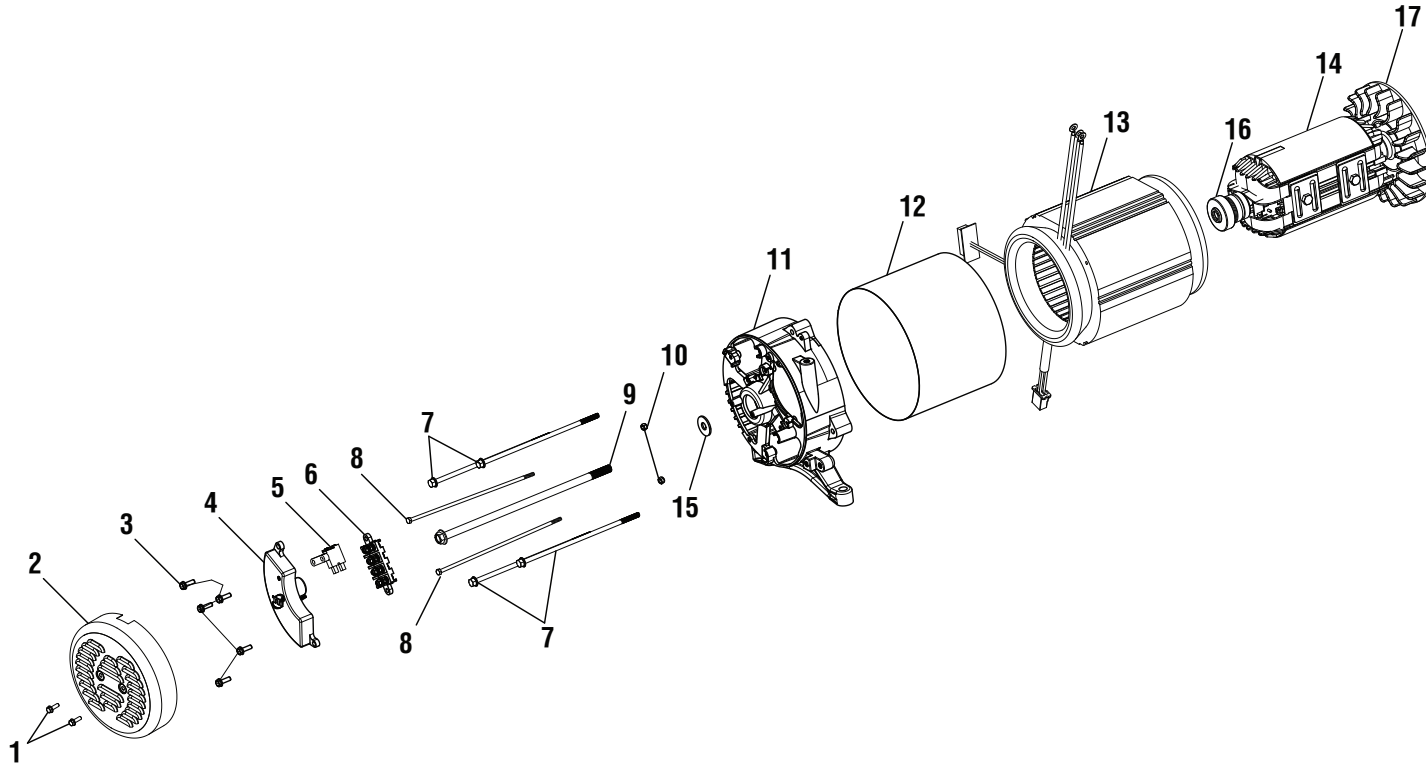


FIGURE B

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	660938011	Bolt (M5 x 12 mm, Hex Flange Hd.).....	2	10	690840002	Nut (M5)	2
2	678296004	Brush Cover	1	11	678865003	Bearing Housing	1
3	660938012	Bolt (M5 x 16 mm, Hex Flange Hd.).....	5	12	638624016	Wrapper	1
4	290440008	Automatic Voltage Regulator	1	13	310771057	Stator Assembly.....	1
5	290441005	Brush Assembly 190 mm.....	1	14	310772060	Rotor Assembly	1
6	290602003	Terminal Block	1	15	638623002	Rotor Washer	1
7	661603012	Stator Bolt.....	4	16	681963003	Ball Bearing (190 mm).....	1
8	660938021	Bolt (M6 x 229mm).....	2	17	307471003	Fan	1
9	661557033	Bolt (M10 x 280 mm).....	1				

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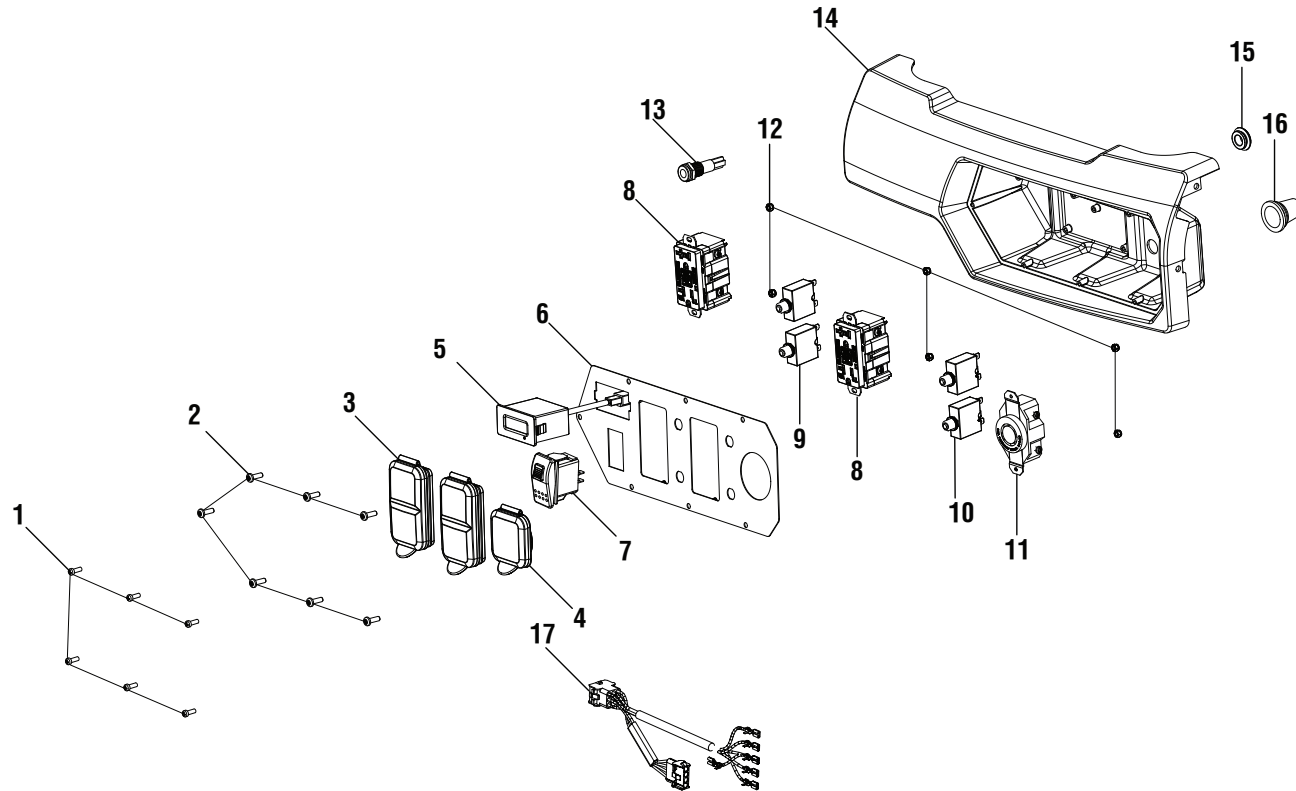


FIGURE C

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	660598001	Screw (6-20 x 5 mm).....	6	10	780351001	Circuit Breaker (30 Amp).....	2
2	660899002	Screw (8-18 x 1/2 in.).....	7	11	290401004	120 Volt Twist Lock Receptacle (30 Amp)	1
3	570412008	GFCI Receptacle Cover.....	2	12	678720001	Lock Nut (#6-32)	6
4	570412007	Receptacle Cover (30 Amp).....	1	13	270290023	12V LED w/Resistor Indicator	1
5	290492005	Digital Display	1	14	519815010	Control Box.....	1
6	638496046	Faceplate	1	15	570766010	Grommet.....	1
7	270290017	Start/Stop Switch.....	1	16	570766006	Rubber Boot	1
8	290400022	120 Volt GFCI Receptacle.....	2	17	290435040	Wiring Harness	1
9	780350001	Circuit Breaker (20 Amp).....	2				

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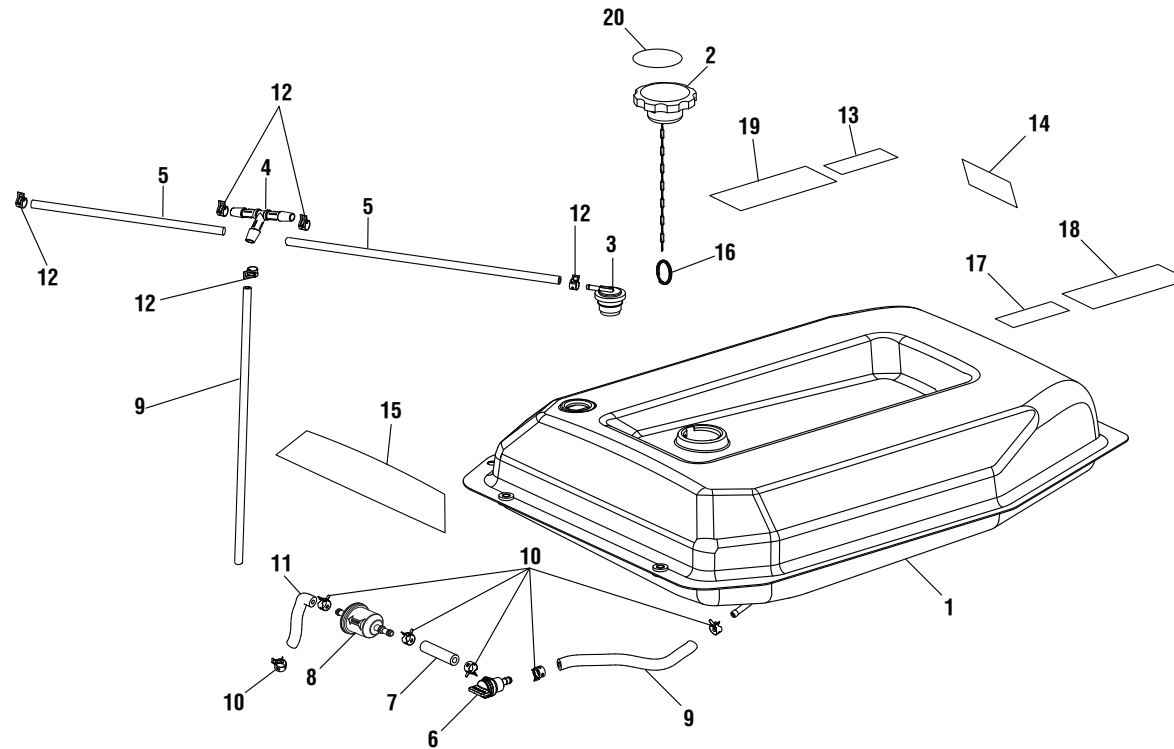


FIGURE D

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	310711234	Fuel Tank.....	1	11	570358186	Vapor Hose (500 mm)	1
2	310720026	Fuel Cap.....	1	12	678409008	Hose Clamp (3/8 in.)	5
3	310854002	Vapor Vent.....	1	13	940872003	E85 Label	1
4	518382003	Vapor Hose Tee Fitting.....	1	14	570358189	Fuel Hose (210 mm).....	1
5	570358185	Vapor Hose (300 mm)	2	15	308459012	Returnline Fuel Pump	1
6	308459002	Fuel Shut Off Valve	1	16	678899007	Ring Clip	1
7	570358188	Fuel Hose (60 mm).....	1	17	940872024	Fuel Stabilizer Label (French/Spanish)	1
8	308733008	Fuel Filter	1	18	940515016	CPSC Label	1
9	570358183	Fuel Hose (135 mm).....	2	19	940654254	Warning Label.....	1
10	678408006	Hose Clamp (1/2 in.)	6	20	940872022	Fuel Stabilizer Danger.....	1

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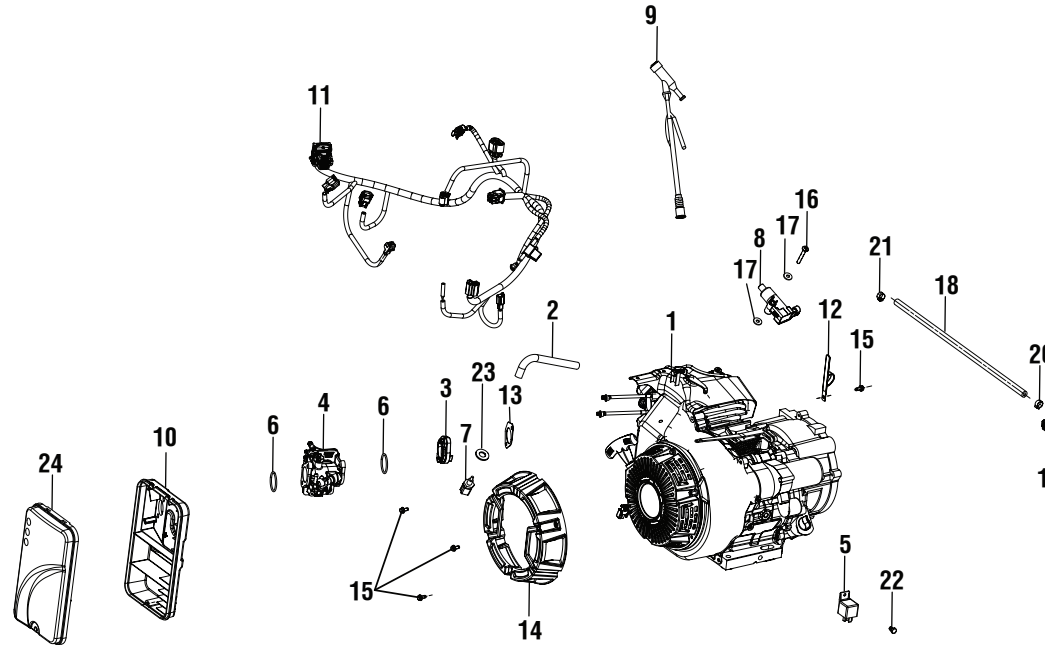


FIGURE E

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	See Note	R420 EFI Engine (Longblock).....	1	13	901657008	EFI Intake Gasket.....	1
2	570358173	Crankcase Vent Hose	1	14	519815011	Recoil Cover.....	1
3	528049005	Heat Dam	1	15	661603001	Bolt (M5 x 10 mm, Hex Hd.).....	4
4	308802008	Throttle Body Assembly.....	1	16	661834004	Bolt (M6 x 42 mm, T30 Torx Pan Hd.).....	1
5	291422002	Starter EFI Relay	1	17	673154002	Washer	2
6	570742120	O-Ring.....	2	18	570358184	Fuel Hose (440 mm).....	1
7	830291004	Head Temperature Sensor	1	19	308459011	Fuel Quick Connect 90	1
8	290190006	Ignition Coil.....	1	20	678408018	Injector Fuel Clamp.....	1
9	291337007	High Tension Wire Assembly.....	1	21	678408017	Fuel Hose Ear Clamp	1
10	518248006	Rear Airbox w/ Bushings Assembly.....	1	22	661834009	Bolt (M6 x 10mm, Hex Hd.).....	1
11	290435036	EFI Wire Harness	1	23	638275002	Washer (1/2).....	1
12	519729002	J-Clamp Flexible	1	24	17101-Z310210-0000	Front Airbox Cover.....	1

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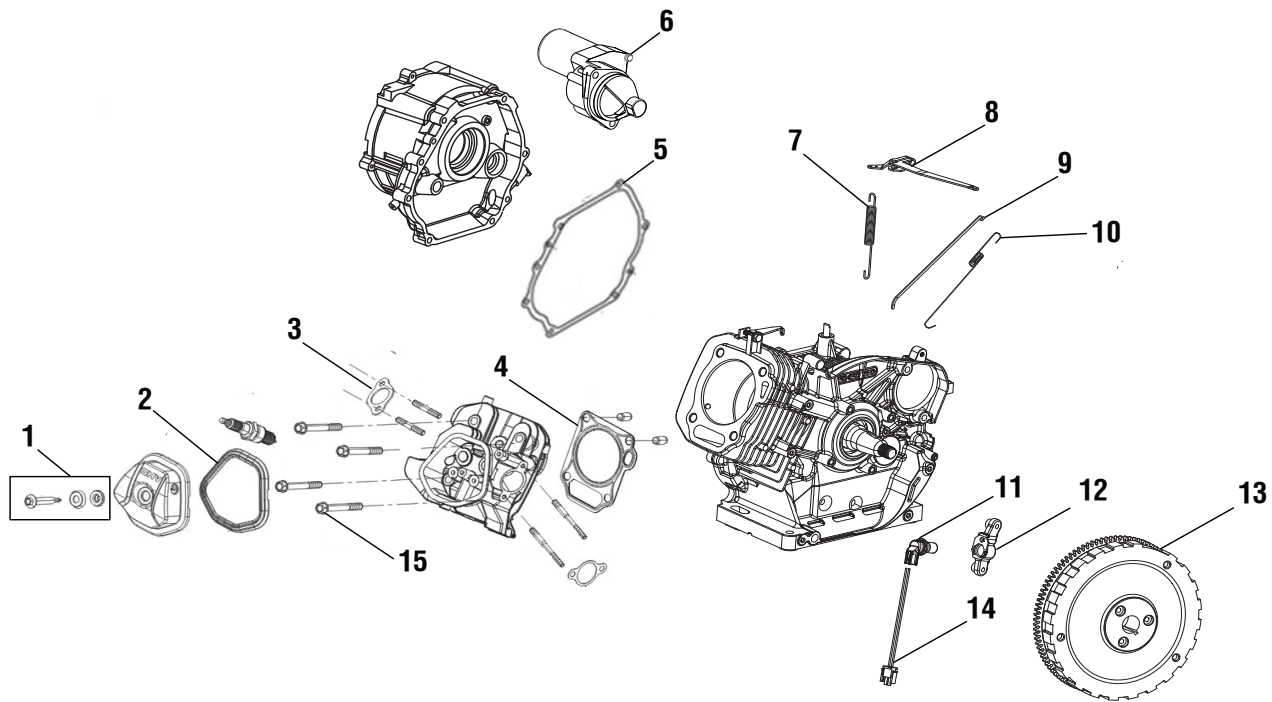
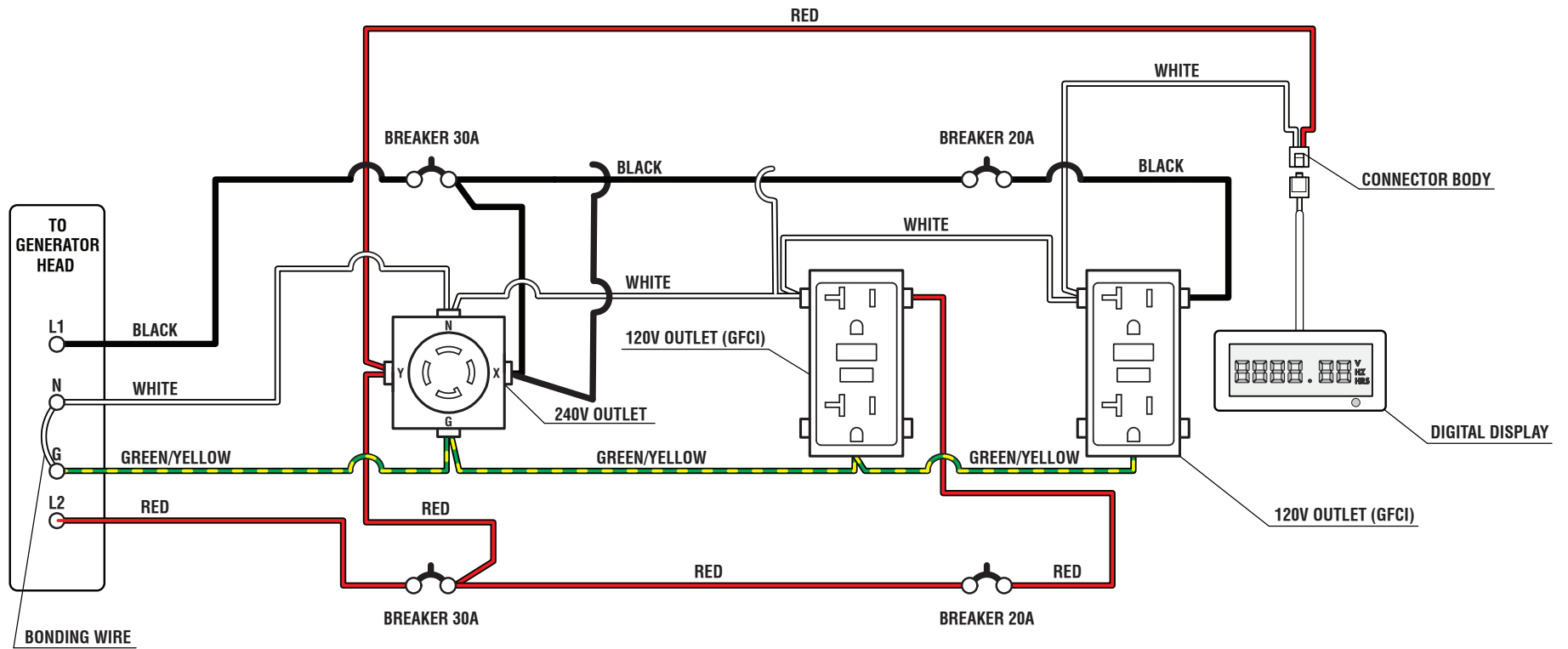


FIGURE F

KEY PART NO.	NUMBER	DESCRIPTION	QTY	KEY PART NO.	NUMBER	DESCRIPTION	QTY
1	12034-Z080110-0099	Bolt + Gasket	1	9	16062-Z100110-0990	Governor Rod	1
2	12004-Z080110-0000	Cylinder Head Cover Gasket	1	10	16012-Z080110-0000	Throttle Valve Return Spring	1
3	18001-Z190110-0000	Exhaust Gasket.....	1	11	830291003	VR Sensor	1
4	12131-Z190410-0000	Cylinder Head Gasket.....	1	12	30401-Z190110-0000	VR Sensor Assembly Mount	1
5	11001-Z100120-0000	Crankcase Gasket.....	1	13	13510-Z190710-0990	Flywheel Assembly	1
6	09100-Z170110-0000	Starter Motor.....	1	14	30402-Z190110-0000	VR Sensor Wire Harness Pigtail.....	1
7	16063-Z190310-0000	Governor Spring.....	1	15	12003-Z080110-0000	Cylinder Head Bolt.....	4
8	16070-Z100120-0000	Governor Support Assembly	1				

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WIRING DIAGRAM