



389cc Gasoline Portable Generator Engine Parts Manual

(49ST (NON CARB) - Engine Part No. 10000047790)

(50ST (CARB) - Engine Part No. 10000044818)

 WARNING

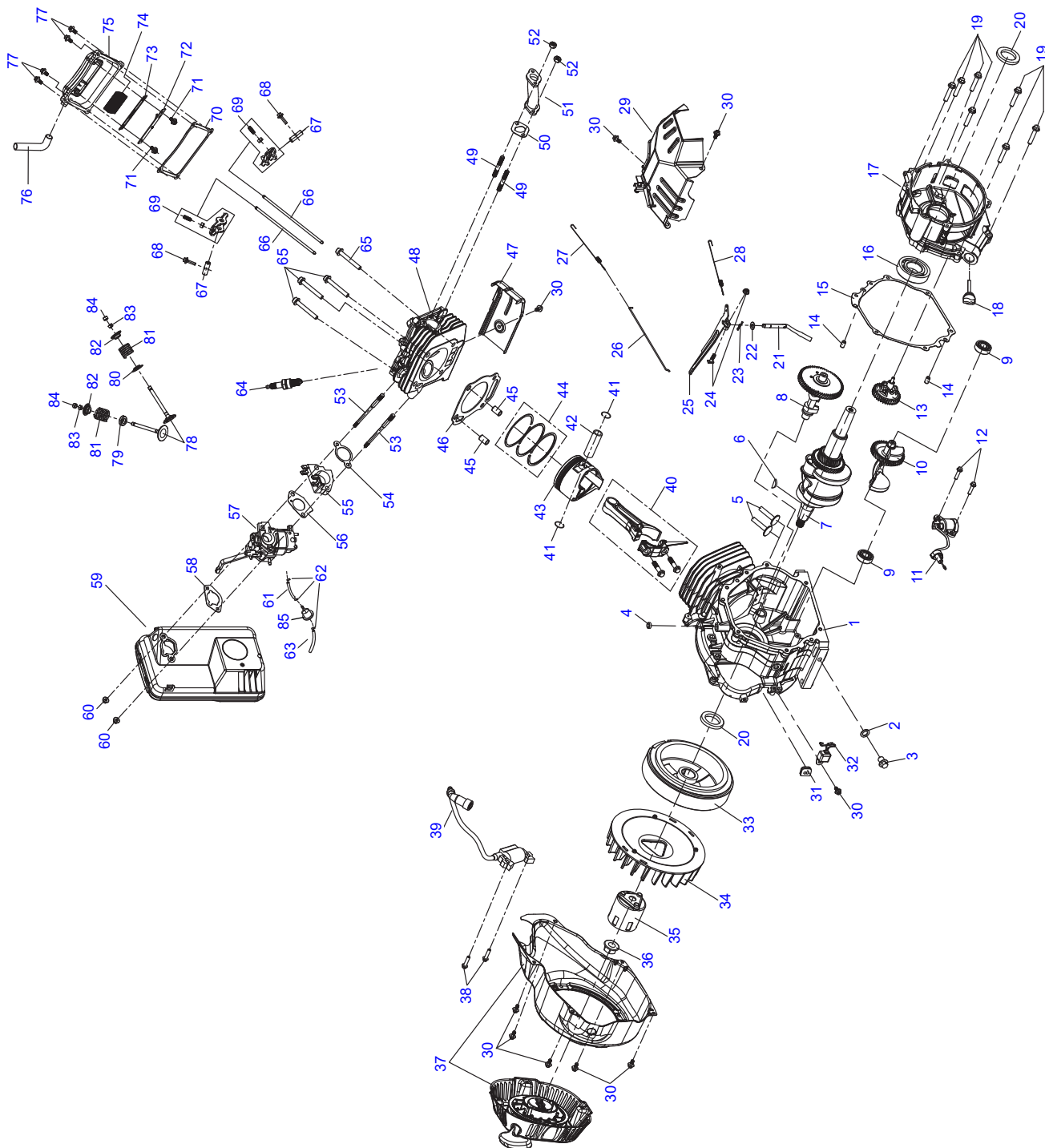
CANCER AND REPRODUCTIVE HARM

www.P65Warnings.ca.gov

(000393a)

The information in this manual is known to be accurate as of the date of release shown on the cover. However, engineering changes can occur without notice. To obtain the proper parts, be sure to use the serial number of the unit being serviced when ordering from this manual. Always refer to any part notes and changes before ordering. All other parts not shown in the manual can be found on Generac's exploded view drawings at www.generac.com or by contacting your local authorized dealer.

www.generac.com or 1-888-GENERAC



008854

Item	Part No.	Description	Qty.
1	0G84420216	CRANKCASE	1
2	0G84420109	FLAT WASHER	1
3	0G84420110	DRAIN PLUG BOLT	1
4	0G84420108	OIL SEAL	1
5	0G84420174	TAPPET	2
6	0K22930117	KEY	1
7	0G84420230	CRANKSHAFT ASSEMBLY	1
8	0G8442F114	CAMSHAFT ASSEMBLY	1
9	0G84420118	RADIAL BALL BEARING	2
10	0G84420232	BALANCER	1
11	0G84420105	OIL LEVEL SWITCH ASSEMBLY	1
12	0G84420217	FLANGE BOLT	2
13	0G84420221	GOVERNOR ASSEMBLY	1
14	0G84420228	DOWEL PIN	2
15	0G84420115	CRANKCASE COVER GASKET	1
16	NA	BEARING	1
17	0G84420227	CRANKCASE COVER	1
18	0G8442J113	OIL FILLER CAP ASSEMBLY	1
19	0G84420229	FLANGE BOLT	7
20	0G84420116	OIL SEAL	2
21	0G84420220	GOVERNOR ARM SHAFT	1
22	0G84420218	FLAT WASHER	1
23	0G84420219	LOCK PIN	1
24	ORDER ITEM 25	SQUARE HEAD BOLT AND NUT	1
25	0G8442J115	GOVERNOR ARM (INCLUDES ITEM 24)	1
26	0J39430133	GOVERNOR ROD	1
27	0J39430132	THROTTLE RETURN SPRING	1
28	0J39430131	GOVERNOR SPRING	1
29	10000039212	CONTROL ASSEMBLY	1
30	0G84420194	FLANGE BOLT	9
31	0G84420267	WIRE GROMMET	1
32	0G84420112	OIL ALERT UNIT	1
33	0J25910111	FLYWHEEL ASSEMBLY	1
34	0G84420147	COOLING FAN	1
35	0G84420148	STARTER PULLEY	1
36	0G84420149	FLANGE NUT	1
37	0K20670116	STARTER SUB ASSEMBLY	1
38	0G84420268	FLANGE BOLT	2

Item	Part No.	Description	Qty.
39	0L44530117	IGNITION COIL ASSEMBLY	1
40	0G84420235	CONNECTING ROD ASSEMBLY	1
41	0G84420237	PISTON PIN CIRCLIP	2
42	0G84420238	PISTON PIN	1
43	0G8442J112	PISTON	1
44	0J39430121	PISTON RING SET	1
45	0G84420212	DOWEL PIN	2
46	0J39340116	CYLINDER HEAD GASKET	1
47	0J39340117	SHROUD	1
48	10000039224	CYLINDER HEAD ASSEMBLY	1
49	0G84420210	EXHAUST STUD BOLT	2
50	0G9028	EXHAUST PIPE GASKET	1
51	0G8442F111	EXHAUST MANIFOLD	1
52	0J35220161	FLANGE NUT (M8)	2
53	0K0090	INTAKE STUD BOLT	2
54	0G84420144	CARBURETOR GASKET	1
55	0J25910112	CARBURETOR CUSHION	1
56	0G9916	CARBURETOR GASKET	1
57	0G8442D110	CARBURETOR	1
58	0G84420156	CARBURETOR GASKET	1
59	0J2591A110	AIR CLEANER ASSEMBLY	1
60	10000021871	FLANGE NUT	2
61	10000039204	FUEL HOSE	1
62	0J25910115	FUEL HOSE CLAMP	3
63	10000039240	FUEL HOSE	1
64	0J00620106	SPARK PLUG	1
65	0G84420211	FLANGE HEAD BOLT	4
66	10000039196	PUSHROD	2
67	10000026954	ROCKER ARM SHAFT	2
68	0J35220156	FLANGE BOLT	2
69	10000026939	ROCKER ARM ASSEMBLY	2
70	10000027002	VALVE COVER GASKET	1
71	10000021973	FLANGE BOLT	2
72	10000039250	BREATHER CHAMBER CAP	1
73	10000039178	BREATHER CAP GASKET	1
74	0J88870108	VALVE COVER FILTER	1
75	10000039225	VALVE COVER	1
76	0J39340114	BREATHER TUBE	1
77	10000024655	FLANGE BOLT	4

Item	Part No.	Description	Qty.
78	0J39430126	VALVE KIT	1
79	0G84420128	VALVE STEM OIL SEAL	1
80	0G84420125	VALVE SPRING SEAT	1
81	0G84420124	VALVE SPRING	2
82	0G84420123	VALVE SPRING RETAINER	2
83	0G84420239	VALVE KEEPER	2
84	0G84420122	VALVE ROTATOR	2
85	0G9914	FUEL FILTER	1
86	0G8442F119	AIR FILTER ELEMENT (NOT SHOWN)	1

N/A - ITEMS NOT SERVICED

Part No. 10000047840 Rev. A 02/20/2019
 ©2019 Generac Power Systems, Inc.
 All rights reserved
 Specifications are subject to change without notice.
 No reproduction allowed in any form without prior written
 consent from Generac Power Systems, Inc.



Generac Power Systems, Inc.
 S45 W29290 Hwy. 59
 Waukesha, WI 53189
 1-888-GENERAC (1-888-436-3722)
www.generac.com