



# ***389cc Gasoline Portable Generator Engine Parts Manual***

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

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

 **WARNING**

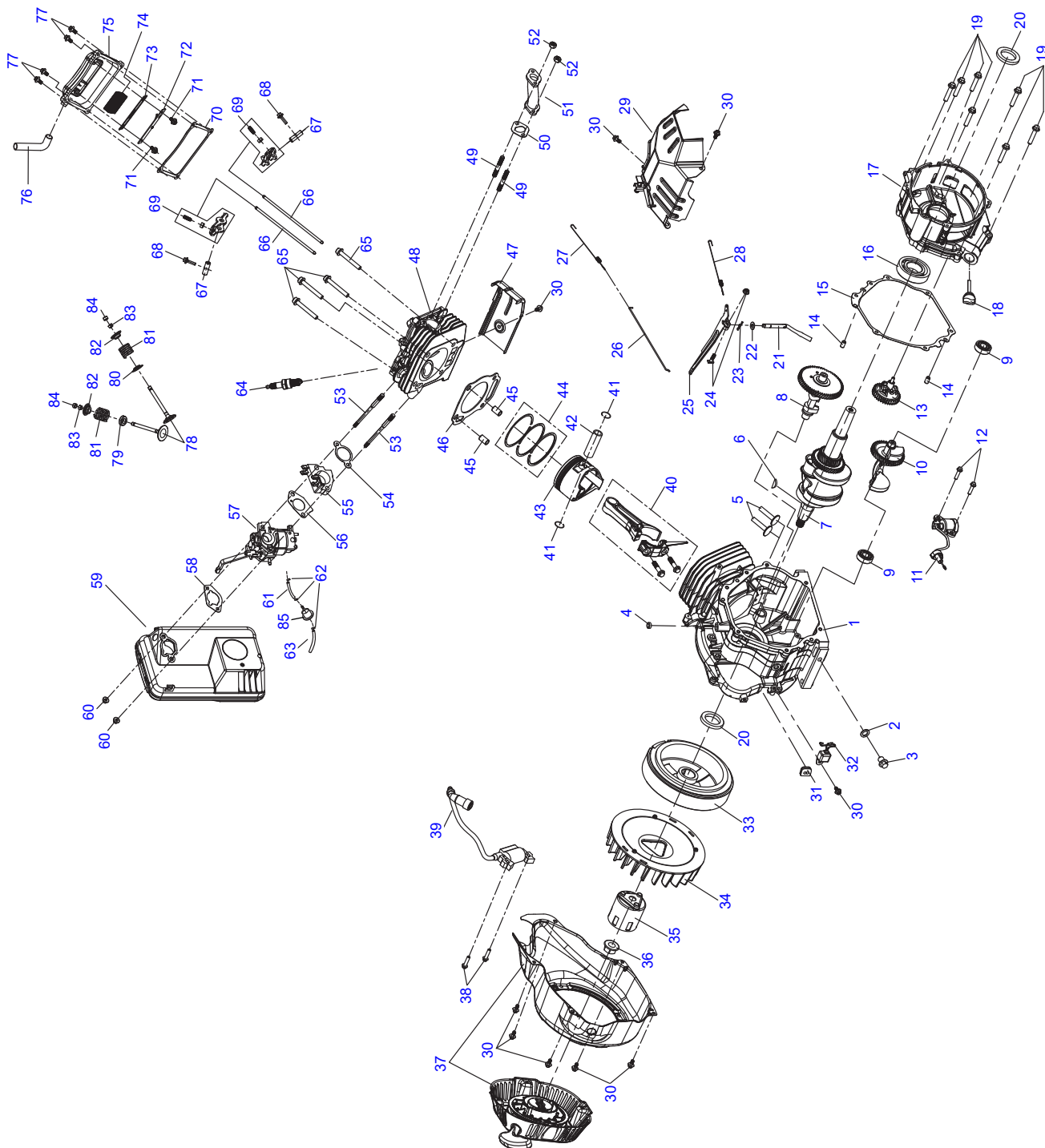
**CANCER AND REPRODUCTIVE HARM**

[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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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](http://www.generac.com) or by contacting your local authorized dealer.

**[www.generac.com](http://www.generac.com) or 1-888-GENERAC**



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| 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<br>RETAINER          | 2    |
| 83   | 0G84420239 | VALVE KEEPER                      | 2    |
| 84   | 0G84420122 | VALVE ROTATOR                     | 2    |
| 85   | 0G9914     | FUEL FILTER                       | 1    |
| 86   | 0G8442F119 | AIR FILTER ELEMENT<br>(NOT SHOWN) | 1    |

N/A - ITEMS NOT SERVICED

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