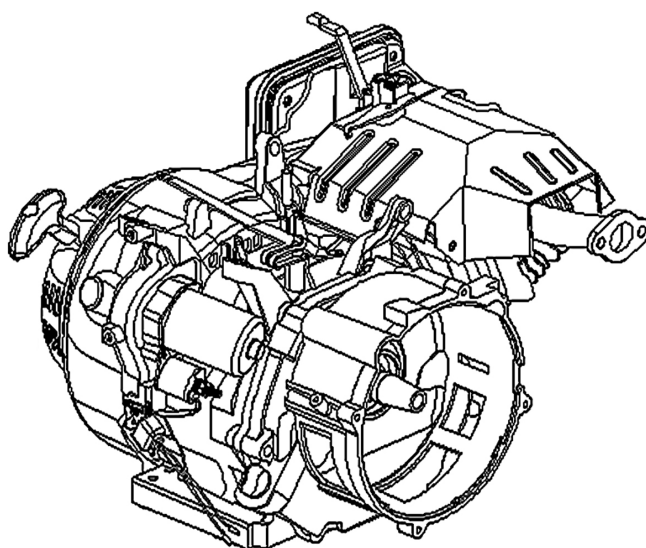


# Engine Parts Manual

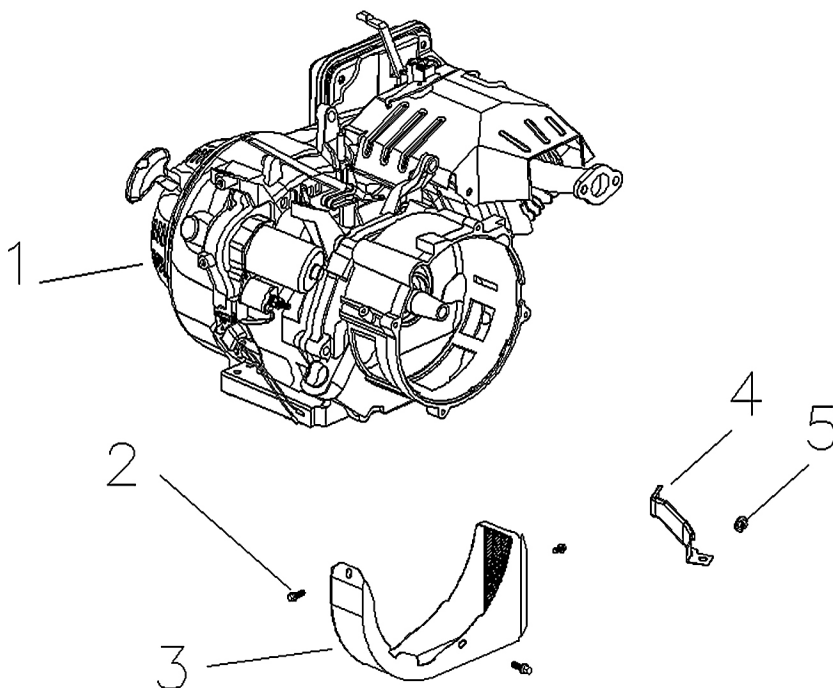
## 389cc Loncin (G19) Manual Start



### **NOTICE!**

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, please be sure to use the serial number of the unit being serviced when ordering from this manual. Always refer to any parts notes and changes before ordering. All other parts not shown in this manual can be found on Generac's exploded view drawings online on GENservice at [www.generac.com](http://www.generac.com).

## Engine

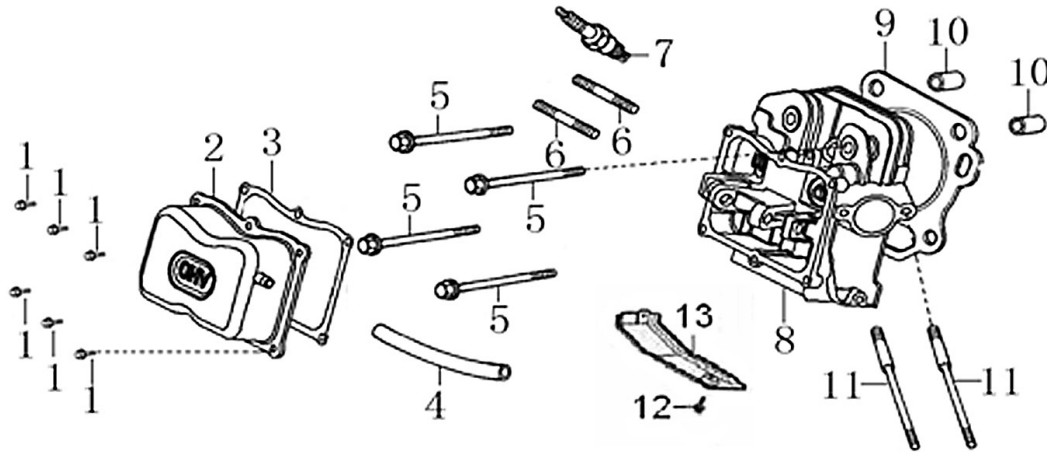


| ITEM      | PART NO.    | QTY. | DESCRIPTION                                         |
|-----------|-------------|------|-----------------------------------------------------|
| 1         | 0J2591      | 1    | ENGINE G390FA                                       |
| 2         | 0J38770ST03 | 1    | SCROLL, HONEYWELL                                   |
| 3         | 045770      | 3    | BOLT, FLANGE M5*10                                  |
| 4         | 0J39430110  | 1    | BRACKET,AIR CLEANER                                 |
| 5         | 0G84420272  | 1    | NUT, FLANGE M6                                      |
| NOT SHOWN | 0J259100SM  | 1    | SCHEDULED MAINTENANCE KIT (SPARK PLUG, AIR CLEANER) |

## 389cc ENGINE

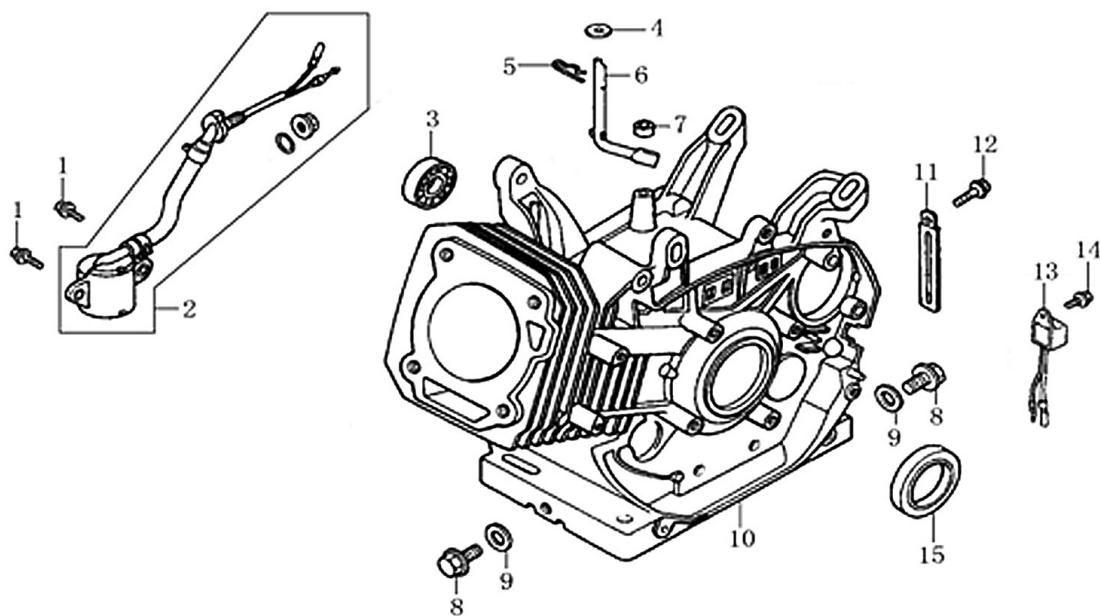


### Cylinder Head



| ITEM | PART NO.   | QTY. | DESCRIPTION         |
|------|------------|------|---------------------|
| 1    | 0J39340111 | 6    | BOLT, FLANGE        |
| 2    | 0J39340112 | 1    | COVER COMP. HEAD    |
| 3    | 0J39340113 | 1    | PACKING, HEAD COVER |
| 4    | 0J39340114 | 1    | TUBE, BREATHER      |
| 5    | 0G84420211 | 4    | BOLT, FLANGE, 10x80 |
| 6    | 0G84420210 | 2    | BOLT, STUD, EXHAUST |
| 7    | 0J00620106 | 1    | SPARK PLUG          |
| 8    | 0J39340115 | 1    | CYLINDER HEAD COMP  |
| 9    | 0J39340116 | 1    | GASKET, CYLINDER    |
| 10   | 0G84420212 | 2    | PIN, DOWEL          |
| 11   | 0G84420209 | 2    | BOLT, STUD, INTAKE  |
| 12   | 0G84420194 | 1    | BOLT, FLANGE M6x12  |
| 13   | 0J39340117 | 1    | SHROUD              |

## Crankcase

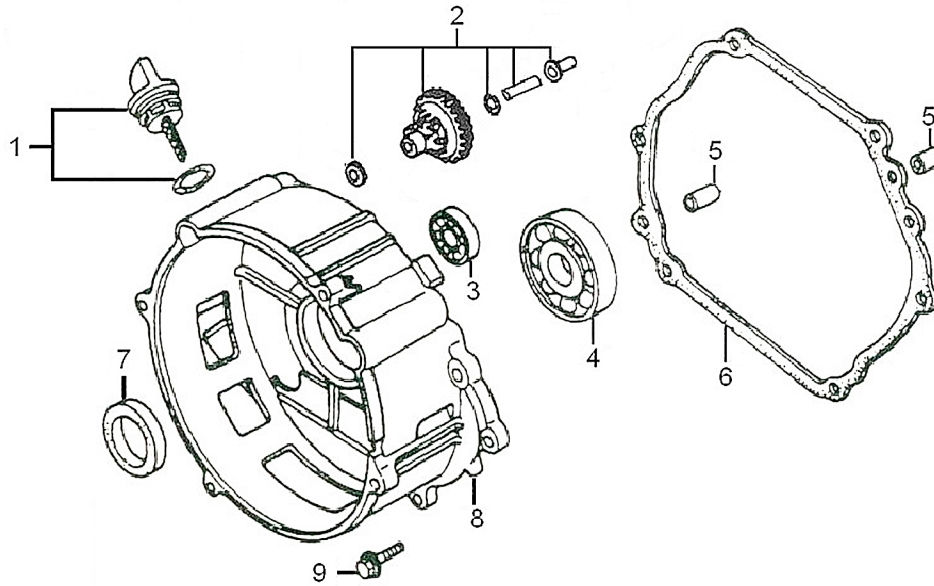


| ITEM | PART NO.   | QTY. | DESCRIPTION                              |
|------|------------|------|------------------------------------------|
| 1    | 0G84420217 | 2    | BOLT, FLANGE, 6×14                       |
| 2    | 0G84420105 | 1    | SWITCH ASSY., OIL LEVEL                  |
| 3    | 0G84420118 | 1    | BEARING, RADIAL BALL, 6202               |
| 4    | 0G84420218 | 1    | WASHER, 8×16×1.2                         |
| 5    | 0G84420219 | 1    | PIN, LOCK, 10MM                          |
| 6    | 0G84420220 | 1    | SHAFT, GOVERNOR ARM                      |
| 7    | 0G84420108 | 1    | OIL SEAL, $\phi \times \phi 14 \times 4$ |
| 8    | 0G84420110 | 2    | BOLT, DRAIN PLUG                         |
| 9    | 0G84420109 | 2    | WASHER, DRAIN PLUG                       |
| 10   | 0J25910110 | 1    | CRANKCASE                                |
| 11   | 0G84420267 | 1    | CLIP                                     |
| 12   | 0G84420194 | 1    | BOLT, FLANGE, M6×12                      |
| 13   | 0G84420112 | 1    | ALERT UNIT, OIL                          |
| 14   | 0G84420194 | 1    | BOLT, FLANGE, M6×12                      |

# 389cc ENGINE

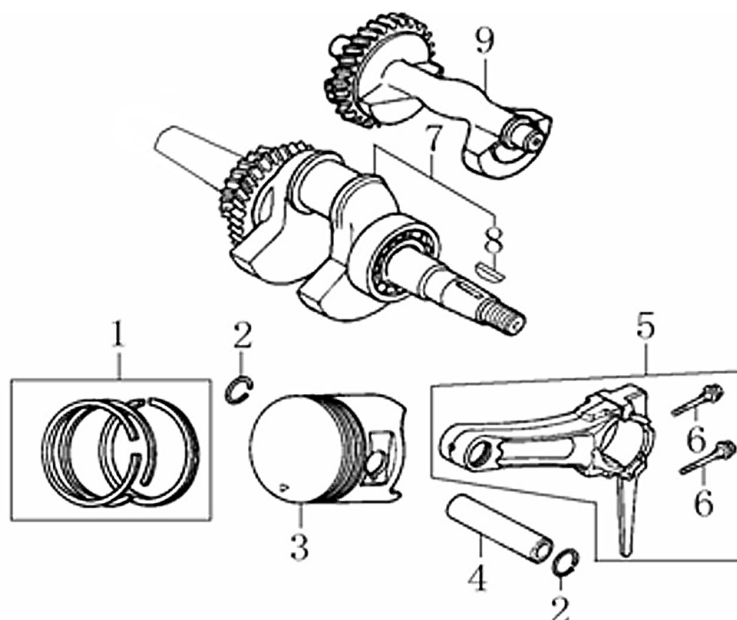


## Crankcase Cover



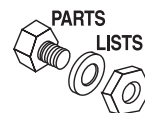
| ITEM | PART NO.   | QTY. | DESCRIPTION               |
|------|------------|------|---------------------------|
| 1    | 0J39430119 | 1    | CAP COMP., OIL FILLER     |
| 2    | 0J39430120 | 1    | GOVERNOR ASSY.            |
| 3    | 0G84420117 | 1    | BEARING, RADIAL BALL 6207 |
| 4    | 0G84420118 | 1    | BEARING, RADIAL BALL 6202 |
| 5    | 0G84420228 | 2    | PIN, DOWEL 8×12           |
| 6    | 0G84420115 | 1    | PACKING, CASE COVER       |
| 7    | 0G84420116 | 1    | OIL SEAL 35×52×7          |
| 8    | 0G84420227 | 1    | CRANKCASE COVER           |
| 9    | 0G84420229 | 7    | BOLT, FLANGE M8×40        |

Crankshaft Piston and Connecting Rod

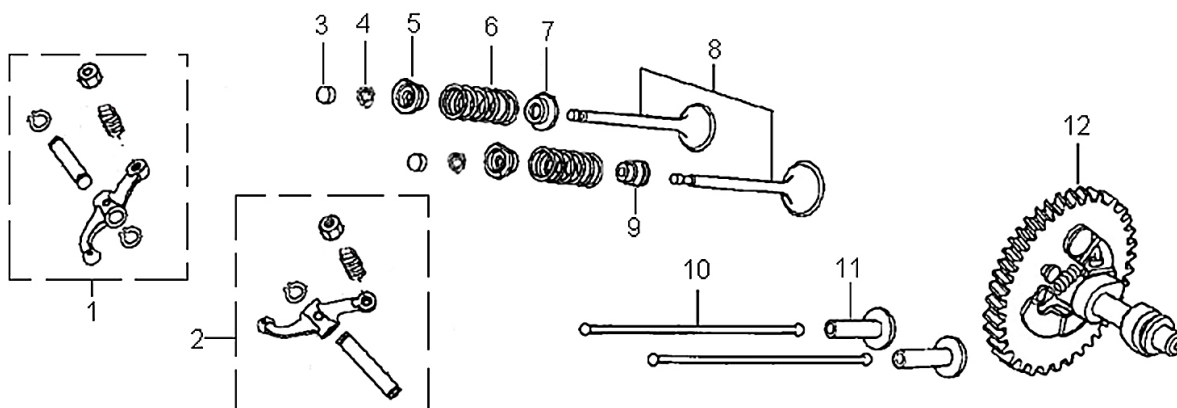


| ITEM | PART NO.   | QTY. | DESCRIPTION          |
|------|------------|------|----------------------|
| 1    | 0J39430121 | 1    | RING SET,PISTON      |
| 2    | 0G84420237 | 2    | CLIP,PISTON PIN      |
| 3    | 0J39430122 | 1    | PISTON               |
| 4    | 0G84420238 | 1    | PIN,PISTON           |
| 5    | 0G84420235 | 1    | CONNECTING ROD ASSY  |
| 6    | 0G84420236 | 2    | BOLT,CONNECTING ROD  |
| 7    | 0G84420230 | 1    | CRANKSHAFT ASSY      |
| 8    | 0J39430123 | 1    | KEY,SPECIAL WOODRUFF |
| 9    | 0G84420232 | 1    | WEIGHT,BALANCER      |

# 389cc ENGINE

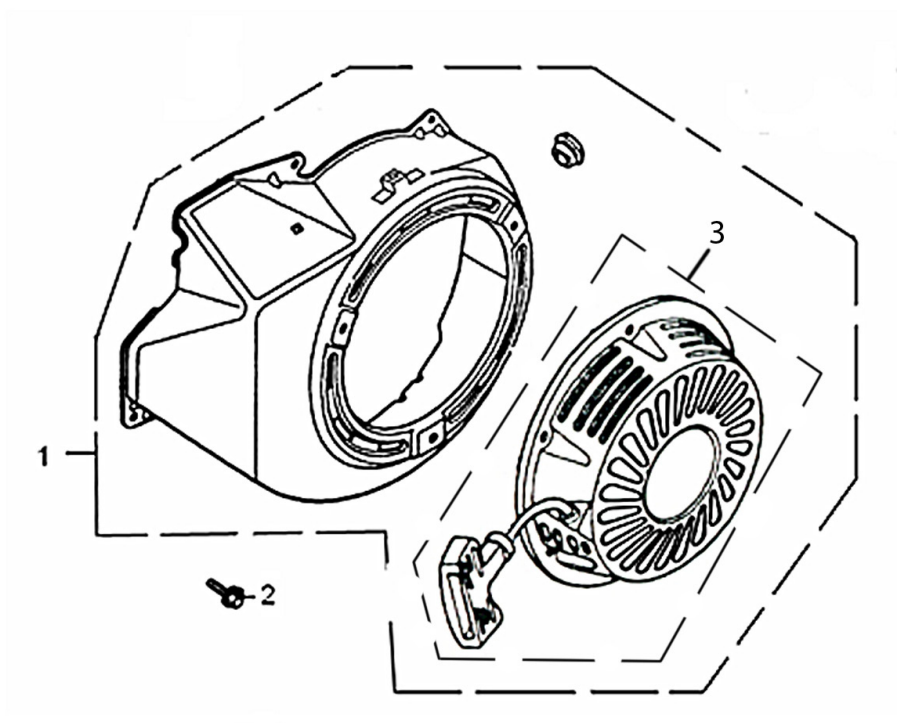


## Camshaft



| ITEM | PART NO.   | QTY. | DESCRIPTION            |
|------|------------|------|------------------------|
| 1    | 0J39430124 | 1    | ROCKER ARM ASSY.       |
| 2    | 0J39430125 | 1    | ROCKER ARM ASSY.       |
| 3    | 0G84420122 | 2    | ROTATOR, VALVE         |
| 4    | 0J35240114 | 4    | VALVE LOCKER           |
| 5    | 0G84420123 | 2    | RETAINER, VALVE SPRING |
| 6    | 0G84420124 | 2    | SPRING, VALVE          |
| 7    | 0G84420125 | 1    | SEAT, VALVE SPRING     |
| 8    | 0J39430126 | 1    | VALVE ASSY.            |
| 9    | 0G84420128 | 1    | SEAL, VALVE STEM       |
| 10   | 0J39430127 | 2    | PUSH ROD               |
| 11   | 0G84420174 | 2    | LIFTER , VALVE         |
| 12   | 0G84420175 | 1    | CAMSHAFT ASSY          |

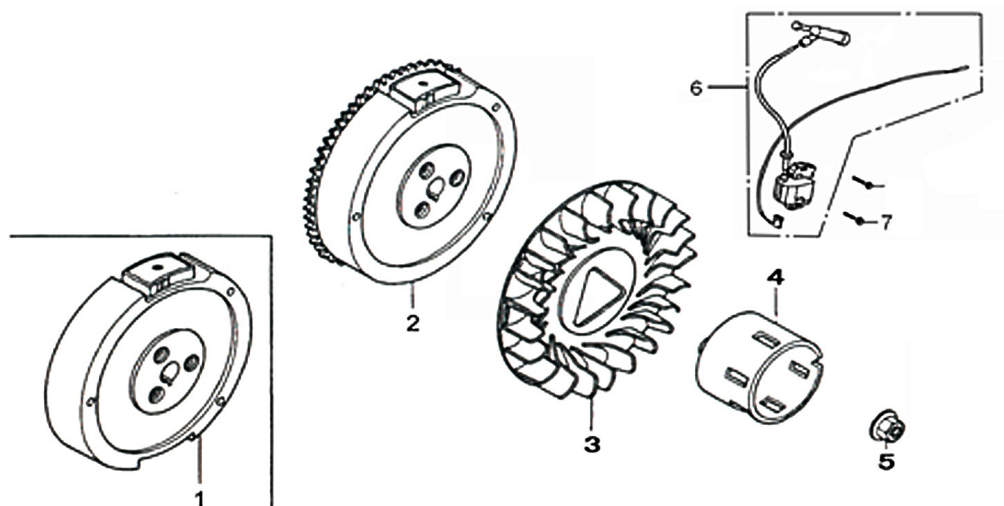
Starter



| ITEM | PART NO.   | QTY. | DESCRIPTION                                  |
|------|------------|------|----------------------------------------------|
| 1    | 0J39430128 | 1    | STARTER ASSY. HW                             |
| 2    | 0G84420194 | 5    | BOLT, FLANGE, M6 X12                         |
| 3    | 0J39430134 | 1    | ASSY, RECOIL STARTER HW (W/O BLOWER HOUSING) |

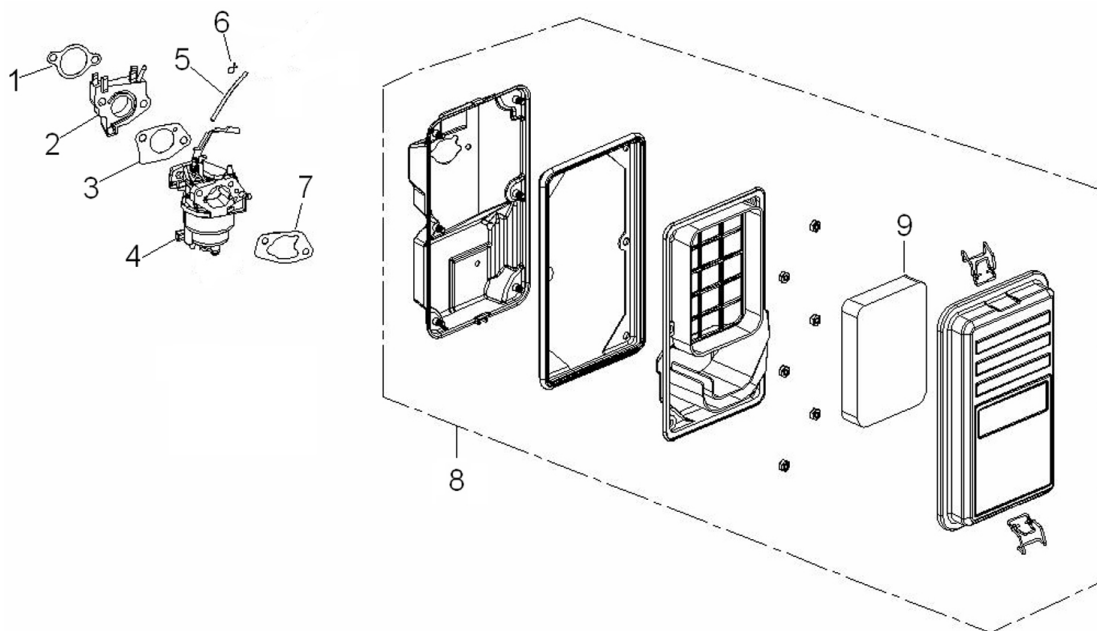


## Flywheel and Ignition



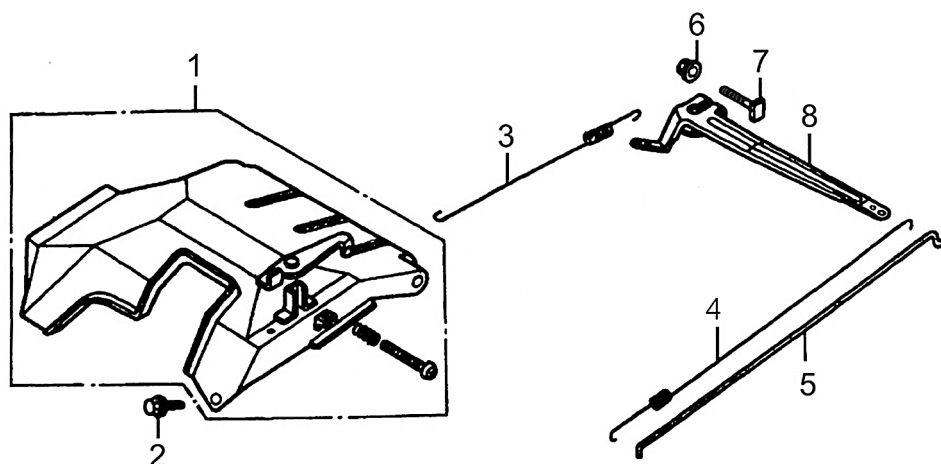
| ITEM | PART NO.   | QTY. | DESCRIPTION          |
|------|------------|------|----------------------|
| 1    | 0J25910111 | 1    | FLYWHEEL COMP.       |
| 3    | 0G84420147 | 1    | FAN COOLING          |
| 4    | 0G84420148 | 1    | PULLEY, STARTER      |
| 5    | 0G84420149 | 1    | NUT SPECIAL, M16     |
| 6    | 0G84420150 | 1    | COIL ASSY., IGNITION |
| 7    | 0G84420268 | 2    | BOLT, FLANGE, M6X25  |

## Carburetor and Air Cleaner

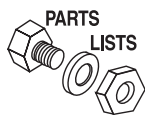


| ITEM | PART NO.   | QTY. | DESCRIPTION          |
|------|------------|------|----------------------|
| 1    | 0G84420144 | 1    | GASKET, CARBURETOR   |
| 2    | 0J25910112 | 1    | SPACER, CARBURETOR   |
| 3    | 0G9916     | 1    | GASKET, CARBURETOR   |
| 4    | 0J25910113 | 1    | CARBURETOR ASSY.     |
| 5    | 0J25910114 | 1    | TUBE, FUEL           |
| 6    | 0J25910115 | 2    | CLAMP                |
| 7    | 0G84420156 | 1    | GASKET, CARBURETOR   |
| 8    | 0J25910116 | 1    | AIR CLEANER          |
| 9    | 0G84420151 | 1    | ELEMENT, AIR CLEANER |

## Control System



| ITEM | PART NO.   | QTY. | DESCRIPTION        |
|------|------------|------|--------------------|
| 1    | 0J39430130 | 1    | CONTROL ASSY.      |
| 2    | 0G84420194 | 3    | BOLT, FLANGE, 6x12 |
| 3    | 0J39430131 | 1    | SPRING, GOVERNOR A |
| 4    | 0J39430132 | 1    | SPRING, GOVERNOR B |
| 5    | 0J39430133 | 1    | ROD, GOVERNOR      |
| 6    | 0G84420196 | 1    | NUT, FLANGE, M6    |
| 7    | 0G84420197 | 1    | BOLT, GOVERNOR ARM |
| 8    | 0G84420198 | 1    | ARM, GOVERNOR      |



## 389cc ENGINE

Generac Power Systems  
S45 W29290 Hwy 59  
Waukesha, WI 53187  
1-855-GEN-INFO  
[honeywellgenerators.com](http://honeywellgenerators.com)

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