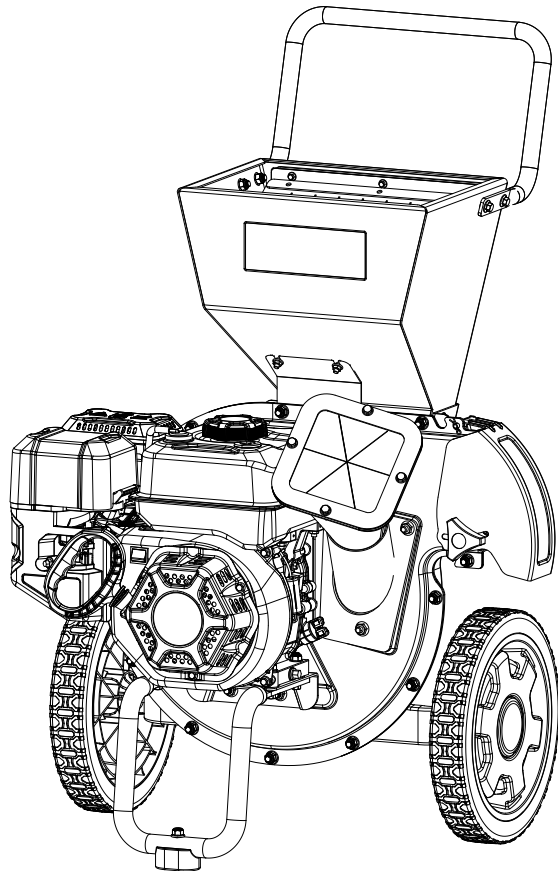




Champion Power Equipment, Inc.

**MODEL #200905**



## **PARTS INFORMATION**

**3 IN. (7.6 CM) CHIPPER SHREDDER**

**SERIAL NUMBER RANGE: 20APR2000281-21JUN2100288**



To order replacement parts please visit:  
**[shop.championpowerequipment.com](http://shop.championpowerequipment.com)**  
or call **1-877-338-0999**.

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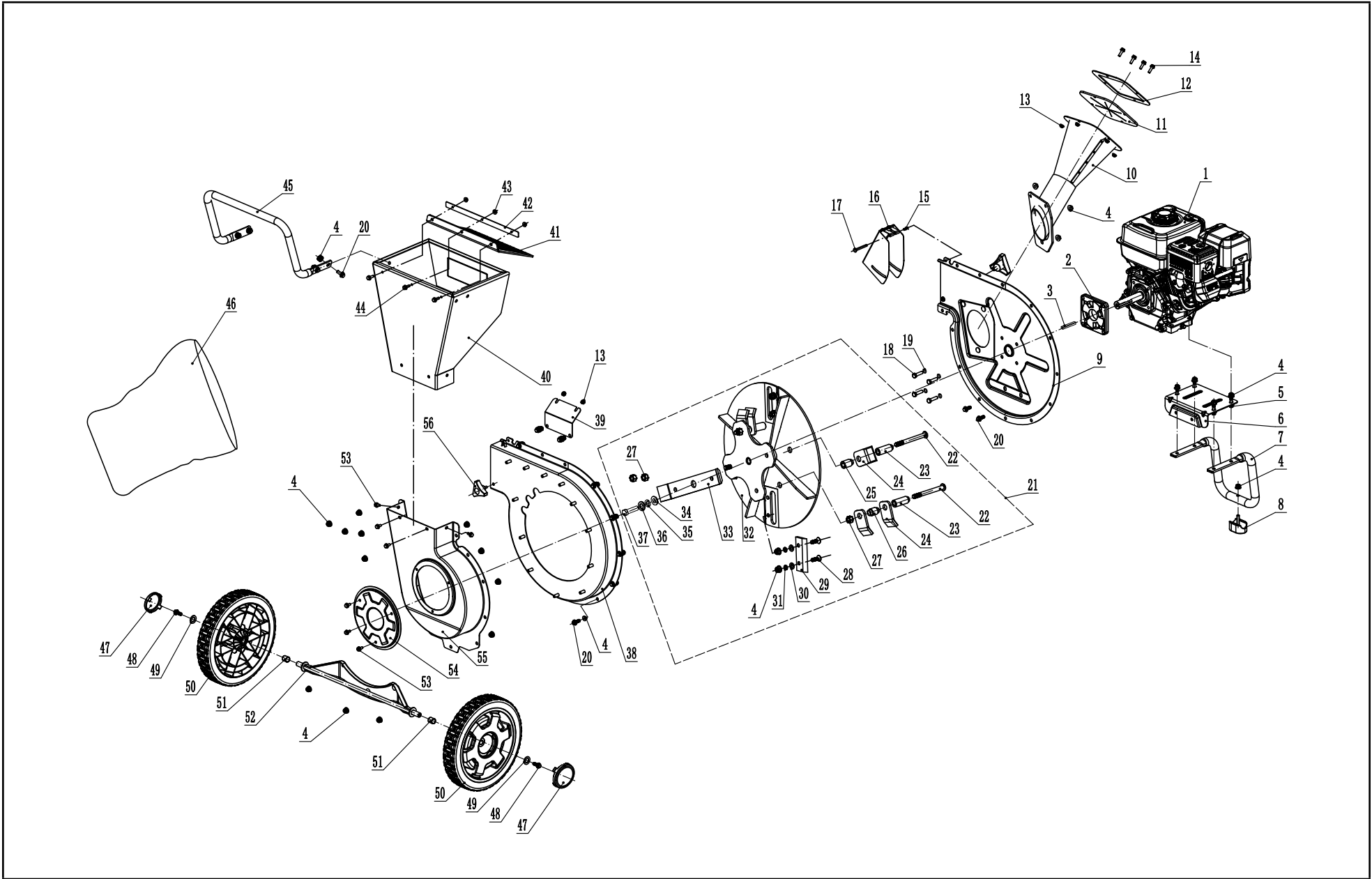
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PARTS DIAGRAM

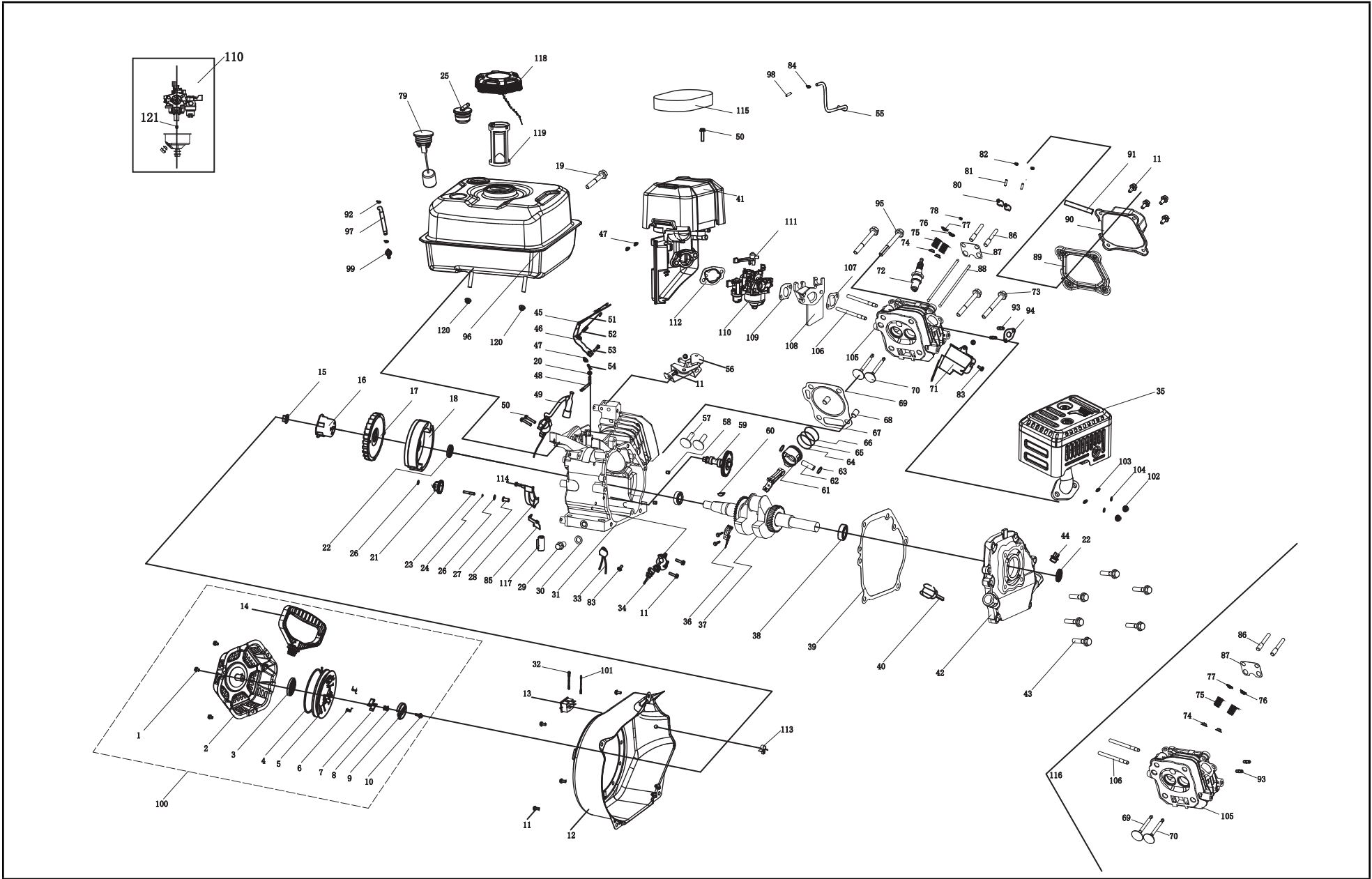


## PARTS LIST

| #  | Part Number      | Description                         | Qty. |
|----|------------------|-------------------------------------|------|
| 1  | 27.304           | Engine, 224cc                       | 1    |
| 2  | 602.300601.01    | Engine Plate Assembly               | 1    |
| 3  | 2.14.002         | Flat Key, 6.3 x 6.3 x 50            | 1    |
| 4  | 1.6187.1.08      | Lock Nut, M8                        | 41   |
| 5  | 1.5789.0840      | Flange Bolt, M8 x 40                | 4    |
| 6  | 602.300901.00.2  | Frame Assembly, Black               | 1    |
| 7  | 602.300011.00.2  | Tube Support, Black                 | 1    |
| 8  | 602.300021.00.2  | Rubber Cushion, Black               | 1    |
| 9  | 602.300200.00.2  | Inner Flail Housing Assembly, Black | 1    |
| 10 | 602.300110.00.48 | Chipper Chute Assembly, Yellow      | 1    |
| 11 | 601.300103.00    | Block Rubber, Black                 | 1    |
| 12 | 601.300112.00.48 | Rubber Cover, Yellow                | 1    |
| 13 | 1.6187.1.06      | Lock Nut, M6                        | 6    |
| 14 | 1.5789.0620      | Flange Bolt, M6 x 20                | 4    |
| 15 | 11.110008.00     | "R" Shape                           | 1    |
| 16 | 602.300401.00.2  | Chute Deflector Assembly, Black     | 1    |
| 17 | 602.300022.00    | Clevis Pin                          | 1    |
| 18 | 2.08.137         | Bolt , 5/16 - 24UNF                 | 4    |
| 19 | 1.93.08          | Lock Washer, Ø8                     | 4    |
| 20 | 1.16674.0820     | Bolt M8 x 20                        | 19   |
| 21 | 602.303000.00    | Impeller Assembly                   | 1    |
| 22 | 602.303005.00    | Clevis Pin                          | 4    |
| 23 | 602.303006.02    | Bush Ø18.5 × Ø10.5 × 43.5           | 4    |
| 24 | 602.303004.01    | Flail Blade                         | 6    |
| 25 | 602.303006.01    | Bush Ø18.5 × Ø10.5 × 24.5           | 2    |
| 26 | 602.303006.00    | Bush Ø18.5 × Ø10.5 × 19.5           | 2    |
| 27 | 1.6182.10        | Lock Nut, M10                       | 4    |
| 28 | 1.70.3.0825      | Machine Screw, M8 x 25              | 4    |
| 29 | 601.303002.00    | Chipper Blade                       | 2    |
| 30 | 1.848.08         | Washer, Ø8                          | 4    |

| #  | Part Number      | Description                            | Qty. |
|----|------------------|----------------------------------------|------|
| 31 | 1.93.08          | Lock Washer, Ø8                        | 4    |
| 32 | 602.303100.00.2  | Impeller Assembly, Black               | 1    |
| 33 | 602.303004.00    | Shredder Blade                         | 1    |
| 34 | 601.300024.00    | Washer                                 | 1    |
| 35 | 2.03.063         | Lock Washer, Ø12                       | 1    |
| 36 | 2.03.062         | Washer, Ø12                            | 1    |
| 37 | 2.08.136         | Screw, 7/16 - 20UNF                    | 1    |
| 38 | 602.300500.00.2  | Outer Flail Housing Assembly, Black    | 1    |
| 39 | 602.301751.00.2  | Shredder hopper Support Bracket, Black | 1    |
| 40 | 602.301700.00.48 | Shredder hopper Assembly, Yellow       | 1    |
| 41 | 602.301721.00    | Baffle, Black                          | 1    |
| 42 | 602.301722.00.48 | Rubber Baffle Press Plate, Yellow      | 1    |
| 43 | 1.6182.05        | Lock Nut, M5                           | 3    |
| 44 | 1.16674.0516     | Bolt M5 x 16                           | 3    |
| 45 | 602.301703.00.2  | Handle, Black                          | 1    |
| 46 | 9.1400.003       | Collection Bag - 2 Bushels (70 L)      | 1    |
| 47 | 254.201702.04.48 | Wheel Cap, Yellow                      | 2    |
| 48 | 1.16674.0812     | Bolt, M8 x 12                          | 2    |
| 49 | 2.03.067         | Washer, Ø15                            | 2    |
| 50 | 254.201701.04.48 | 12 in. Wheel, Yellow                   | 2    |
| 51 | 602.301740.00.2  | Frame Assembly, Black                  | 1    |
| 52 | 602.301744.00    | Jacket Axle, Black                     | 2    |
| 53 | 1.5789.0615      | Flange Bolt, M6 x 15                   | 7    |
| 54 | 602.300800.00.48 | Maintenance Cover, Yellow              | 1    |
| 55 | 602.300701.00.2  | Inlet Guide, Black                     | 1    |
| 56 | 602.300020.00.2  | Knob, M6                               | 2    |

ENGINE PARTS DIAGRAM



## ENGINE PARTS LIST

| #  | Part Number     | Description                        | Qty. |
|----|-----------------|------------------------------------|------|
| 1  | 1.16674.0608    | Flange Bolt M6 x 8                 | 3    |
| 2  | 27.061100.02.2  | Cover, Recoil Starter, Black       | 1    |
| 3  | 21.061005.00    | Spring, Recoil Starter             | 1    |
| 4  | 2.10.003.1      | Rope Ø4 x 1550, Black              | 1    |
| 5  | 21.061001.01    | Reel, Recoil Starter               | 1    |
| 6  | 45.060003.00    | Spring, Ratchet                    | 2    |
| 7  | 45.060002.00    | Starter Ratchet, Steel             | 2    |
| 8  | 45.060009.00    | Spring, Ratchet Guide              | 1    |
| 9  | 45.060007.00    | Ratchet Guide                      | 1    |
| 10 | 45.060008.00    | Screw, Ratchet Guide               | 1    |
| 11 | 1.5789.0612     | Flange Bolt M6 x 12                | 12   |
| 12 | 27.080100.09.48 | Fan cover, Yellow                  | 1    |
| 13 | 5.1000.013.3    | Switch, Red                        | 1    |
| 14 | 23.061006.01    | Handle, Recoil                     | 1    |
| 15 | 2.02.006        | Nut M14                            | 1    |
| 16 | 23.060001.01    | Pulley, Start                      | 1    |
| 17 | 27.080001.00    | Cooling Fan                        | 1    |
| 18 | 24.120100.02    | Flywheel                           | 1    |
| 19 | 2.08.156        | Flange Bolt Assembly M6 x 33       | 1    |
| 20 | 2.03.021.1      | Washer Ø6.4 x Ø13 x 1              | 1    |
| 21 | 21.110100.00    | Gear, Governor                     | 1    |
| 22 | 2.11.001        | Oil Seal Ø25 x Ø41.3 x 6           | 2    |
| 23 | 21.110013.00    | Shaft, Governor Gear               | 1    |
| 24 | 21.110011.00    | Clip, Governor Gear                | 1    |
| 25 | 152.070800.00   | Reversal Valve                     | 1    |
| 26 | 2.03.020.1      | Washer Ø6.2 x Ø15 x 0.5            | 2    |
| 27 | 21.110012.01    | Bushing, Governor Gear             | 1    |
| 28 | 23.080600.00    | Air Guide, Right                   | 1    |
| 29 | 2.08.037        | Drain Bolt M10 x 1.25 x 25         | 2    |
| 30 | 2.03.016        | Washer Ø10 x Ø16 x 1.5, Drain Bolt | 2    |

| #  | Part Number     | Description                   | Qty. |
|----|-----------------|-------------------------------|------|
| 31 | 27.030100.06    | Crankcase                     | 1    |
| 32 | 27.120300.00    | Ground Lead                   | 1    |
| 33 | 21.120400.00    | Diode Assembly                | 1    |
| 34 | 21.127000.02    | Oil Level Sensor              | 1    |
| 35 | 27.101000.12.2  | Muffler Assembly, Black       | 1    |
| 36 | 27.050200.00    | Connecting Rod                | 1    |
| 37 | 27.050100.03    | Crankshaft                    | 1    |
| 38 | 1.276.6205      | Bearing 6205                  | 2    |
| 39 | 24.030008.00    | Gasket, Crankcase Cover       | 1    |
| 40 | 21.031000.00.48 | Oil Dipstick Assembly, Yellow | 1    |
| 41 | 27.091000.05    | Air Cleaner Assembly          | 1    |
| 42 | 24.030007.00    | Cover, Crankcase              | 1    |
| 43 | 1.5789.0832     | Flange Bolt M8 x 32           | 6    |
| 44 | 21.031000.01.48 | Oil Filler Cap, Yellow        | 1    |
| 45 | 23.110005.01    | Spring, Throttle Return       | 1    |
| 46 | 27.110003.00    | Arm, Governor                 | 1    |
| 47 | 1.6177.06       | Nut M6                        | 3    |
| 48 | 21.110001.00    | Shaft, Governor Arm           | 1    |
| 49 | 22.123000.07    | Ignition Coil                 | 1    |
| 50 | 1.5789.0625     | Flange Bolt M6 x 25           | 3    |
| 51 | 23.110006.00    | Rod, Governor                 | 1    |
| 52 | 23.110007.00    | Spring, Governor              | 1    |
| 53 | 2.08.040        | Bolt M6 x 21, Governor Arm    | 1    |
| 54 | 21.110008.00    | Pin, Shaft                    | 1    |
| 55 | 24.070014.06    | Pipe, Reversal Valve          | 1    |
| 56 | 27.111000.00    | Control Assembly              | 1    |
| 57 | 25.040013.00    | Lifter, Valve                 | 2    |
| 58 | 2.04.001        | Dowel Pin Ø9 x 14             | 2    |
| 59 | 27.041000.01    | Camshaft                      | 1    |
| 60 | 2.14.012        | Woodruff Key 4 x 7.5 x 19     | 1    |

| #  | Part Number  | Description                    | Qty. |
|----|--------------|--------------------------------|------|
| 61 | 27.050005.00 | Piston                         | 1    |
| 62 | 23.050003.00 | Pin, Piston                    | 1    |
| 63 | 2.09.001     | Circlip Ø18 x Ø1               | 2    |
| 64 | 27.050303.00 | Ring, Oil                      | 1    |
| 65 | 27.050302.00 | Ring, Second Piston            | 1    |
| 66 | 27.050301.00 | Ring, First Piston             | 1    |
| 67 | 27.030009.01 | Gasket, Cylinder Head          | 1    |
| 68 | 2.04.003     | Dowel Pin Ø10 x 14             | 2    |
| 69 | 23.040002.02 | Valve, Intake                  | 1    |
| 70 | 23.040006.02 | Valve, Exhaust                 | 1    |
| 71 | 26.080400.00 | Air Guide, Lower               | 1    |
| 72 | 2.15.002     | Spark Plug F6RTC               | 1    |
| 73 | 1.5789.0865  | Flange Bolt M8 x 65            | 3    |
| 74 | 23.040017.00 | Valve Oil seal                 | 2    |
| 75 | 21.040003.00 | Oil Seal, Valve                | 2    |
| 76 | 21.040007.00 | Retainer, Exhaust Valve Spring | 1    |
| 77 | 21.040001.00 | Retainer, Intake Valve Spring  | 1    |
| 78 | 21.040008.00 | Rotator, Exhaust Valve         | 1    |
| 79 | 27.072000.00 | Fuel Gauge Assembly            | 1    |
| 80 | 21.040009.00 | Rocker Arm                     | 2    |
| 81 | 21.040020.00 | Screw, Valve Adjustment        | 2    |
| 82 | 21.040021.00 | Nut M6, Lock                   | 2    |
| 83 | 1.5789.0608  | Flange Bolt M6 x 8             | 3    |
| 84 | 2.06.006     | Clamp Ø7 x Ø1                  | 1    |
| 85 | 21.080002.00 | Suppoet, Diode                 | 1    |
| 86 | 21.040010.00 | Bolt, Rocker Arm               | 2    |
| 87 | 23.040004.00 | Guide Plate, Push Rod          | 1    |
| 88 | 27.040005.00 | Push Rod                       | 2    |
| 89 | 21.020002.00 | Gasket, Cylinder Head Cover    | 1    |
| 90 | 15.021000.00 | Cover, Cylinder Head           | 1    |
| 91 | 21.020001.00 | Breather Tube                  | 1    |
| 92 | 2.06.004     | Clamp Ø8 x Ø1                  | 2    |

| #   | Part Number     | Description            | Qty. |
|-----|-----------------|------------------------|------|
| 93  | 2.01.010        | Stud Bolt M8 x 35      | 2    |
| 94  | 26.100001.00    | Gasket, Exhaust Pipe   | 1    |
| 95  | 2.08.121        | Flange Bolt M10 x 65   | 1    |
| 96  | 27.071000.01.2  | Fuel Tank              | 1    |
| 97  | 24.070011.03    | Pipe                   | 1    |
| 98  | 24.070030.00    | Venthole               | 1    |
| 99  | 21.070600.03    | Fitting, Fuel Tank     | 1    |
| 100 | 27.061000.02    | Recoil Assembly        | 1    |
| 101 | 27.120300.01    | Off Line               | 1    |
| 102 | 1.6175.08       | Nut M8                 | 2    |
| 103 | 1.848.08        | Washer Ø8              | 2    |
| 104 | 1.93.08         | Lock Washer Ø8         | 2    |
| 105 | 26.010100.01    | Cylinder Head, 224cc   | 1    |
| 106 | 2.01.009        | Stud Bolt M6 x 110     | 2    |
| 107 | 24.130002.00    | Gasket, Insulator      | 1    |
| 108 | 23.130001.00    | Insulator, Carburetor  | 1    |
| 109 | 22.130003.00    | Gasket, Carburetor     | 1    |
| 110 | 27.131000.20    | Carburetor             | 1    |
| 111 | 27.130100.00    | Choke Handle           | 1    |
| 112 | 21.130004.00    | Gasket, Air Cleaner    | 1    |
| 113 | 2.05.005        | Clamp Ø6 x 6.5         | 1    |
| 114 | 1.5789.0620     | Flange Bolt M6 x 20    | 1    |
| 115 | 27.091003.05    | Element, Air Cleaner   | 1    |
| 116 | 27.010000.00    | Cylinder Head Assembly | 1    |
| 117 | 27.210003.00    | Wire Sheath            | 1    |
| 118 | 24.070100.04    | Cap, Fuel Tank         | 1    |
| 119 | 46.070300.00    | Fuel Filter, Fuel Tank | 1    |
| 120 | 1.6187.1.06     | Nut M6                 | 2    |
| 121 | 27.131017.04    | Main Jet, Standard     | 1    |
|     | 27.131017.04.01 | Main Jet, Altitude     | /    |