



Champion Power Equipment, Inc., Santa Fe Springs, CA USA

**MODEL #100679**

## **PARTS INFORMATION**

**24 IN. 2-STAGE SNOWBLOWER**

**SERIAL NUMBER RANGE: ALL**



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**TABLE OF CONTENTS**

**Snowblower Parts Diagram** ..... **3**

**Snowblower Parts List** ..... **4**

**Engine Assembly Diagram** ..... **5**

**Engine Assembly Parts List** ..... **6**

**Engine Parts Diagram** ..... **7**

**Engine Parts List** ..... **8**

**Drivetrain Diagram** ..... **11**

**Drivetrain Parts List** ..... **12**

**Auger Diagram** ..... **13**

**Auger Parts List** ..... **14**

**Chute Diagram** ..... **15**

**Chute Parts List** ..... **16**

SNOWBLOWER PARTS DIAGRAM

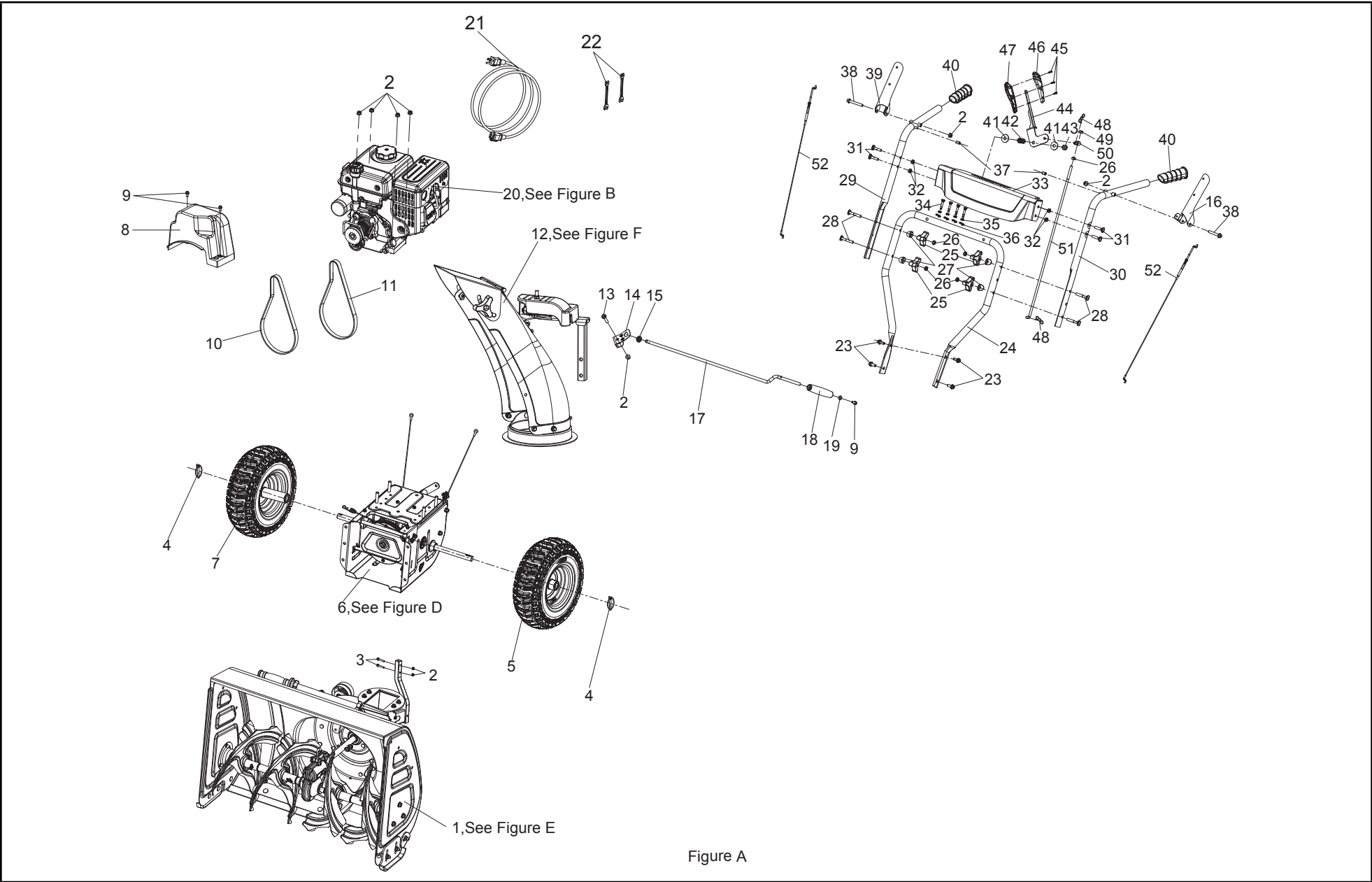


Figure A

## SNOWBLOWER PARTS LIST

| #  | Part Number     | Description                                                | Qty. |
|----|-----------------|------------------------------------------------------------|------|
| 1  | Figure E        | Auger Assembly                                             | 1    |
| 2  | 30323060035000  | Flange Locking Nut, M8, All Metal Hexagon, Blue White Zinc | 9    |
| 3  | 3091307023      | Hexagon Flange Bolt, M8 × 40, Blue White Zinc              | 2    |
| 4  | 23093000145000A | O Type Elastic Pin, Ø6.2 × 40, Blue White Zinc             | 2    |
| 5  | 23019000100034D | Left Wheel Assembly                                        | 1    |
| 6  | Figure D        | Drivetrain Assembly                                        | 1    |
| 7  | 23019000110034D | Right Wheel Assembly                                       | 1    |
| 8  | 23041000120001A | Belt Protection Cover, Black                               | 1    |
| 9  | 30913070015000  | Hexagon Flange Bolt, M6 × 16, Blue White Zinc              | 3    |
| 10 | 23096000085000A | Triangle Belt, 4LXA880E                                    | 1    |
| 11 | 23096000165000A | Synchronous Belt, 740-5mm                                  | 1    |
| 12 | Figure F        | Chute Assembly                                             | 1    |
| 13 | 30913070065000  | Hexagon Flange Bolt, M8 × 45, Blue White Zinc              | 1    |
| 14 | 23062000495000B | Rocker Bracket, THK=2,76 × 32 × 30, Black                  | 1    |
| 15 | 23066000015000A | Rocker Sleeve, Black                                       | 1    |
| 16 | 23062000150001B | Left Trigger, Black                                        | 1    |
| 17 | 23063000305000B | Rocker, Ø10 × 875, Black                                   | 1    |
| 18 | 23061000220001B | Rocker Sheath, Ø10.5, Black                                | 1    |
| 19 | 23092000015000A | Adjusting Washer, Ø6.1 × Ø15 × 1.6, Black                  | 1    |
| 20 | Figure B        | Engine Assembly                                            | 1    |
| 21 | 23089000035000A | AC Start Line, 1830mm                                      | 1    |
| 22 | 20121000315000A | Open End Wrenches, 10-12 mm, White Zinc                    | 2    |
| 23 | 30913070185000  | Hexagon Flange Bolt, M8 × 20, Blue White Zinc              | 4    |
| 24 | 23063000600001A | Lower Handle, Black                                        | 1    |
| 25 | 21061000400001A | Rotating Knob, Black                                       | 4    |
| 26 | 30313060025000  | Hexagon Nut, M8, Blue White Zinc                           | 5    |
| 27 | 21061000113206A | Curved Washer, Black                                       | 4    |
| 28 | 23099000035000A | Flat Head Bolt, M8 × 52, White Zinc                        | 4    |
| 29 | 23063000570001A | Right Upper Handle Assembly, Black                         | 1    |

| #  | Part Number     | Description                                                               | Qty. |
|----|-----------------|---------------------------------------------------------------------------|------|
| 30 | 23063000580001A | Left Upper Handle Assembly, Black                                         | 1    |
| 31 | 23099000025000A | Flat Head Bolt, M8 × 35, White Zinc                                       | 4    |
| 32 | 30333040045000  | Serrated Anti-Slip And Anti-Loose Hexagon Flange Nut, M8, Blue White Zinc | 4    |
| 33 | 23043000020001A | Handle Panel Assembly, Black                                              | 1    |
| 34 | 23093000025000A | Shear Pin, Ø6 × 35.5, Blue White Zinc                                     | 4    |
| 35 | 23096000055000A | Rubber Sheath, Ø10.7 × Ø6 × 5.1, Black                                    | 4    |
| 36 | 23093000195000B | B Pin, White Zinc                                                         | 4    |
| 37 | 23096000015000A | Rubber Sheath                                                             | 2    |
| 38 | 23093000185000A | Special Bolt, M8 × 55, White Zinc                                         | 2    |
| 39 | 23062000160001B | Right Trigger, Black                                                      | 1    |
| 40 | 23061000140001C | Handle Sheath, PVC, Black                                                 | 2    |
| 41 | 30512050045000  | Big Washer, Ø10, Blue White Zinc                                          | 2    |
| 42 | 23068000135000B | Gear Pressing Spring, Ø14.5 × 33.75, White Zinc                           | 1    |
| 43 | 23093000125000A | Hexagon Locking Nut, M10, Blue White Zinc                                 | 1    |
| 44 | 23065000195000A | Speed Adjustment Handle, 229 × 90 × 29, Black                             | 1    |
| 45 | 30113010115000  | Self-Driving Screw, ST3 × 12, Black Zinc                                  | 3    |
| 46 | 23061000150001B | Gear Handle, Left, Black                                                  | 1    |
| 47 | 23061000160001B | Gear Handle, Right, Black                                                 | 1    |
| 48 | 22698000065000A | B Pin, White Zinc                                                         | 2    |
| 49 | 30313090025000  | Hexagon Locking Nut, M8, White Zinc                                       | 1    |
| 50 | 23063000215000A | Column, Gear Connecting Rod, White Zinc                                   | 1    |
| 51 | 23063000195000C | Gear Connecting Rod, 547 × M8, Black                                      | 1    |
| 52 | 23068000045000A | Snow Throwing Cable 1, 425mm                                              | 2    |

ENGINE ASSEMBLY DIAGRAM

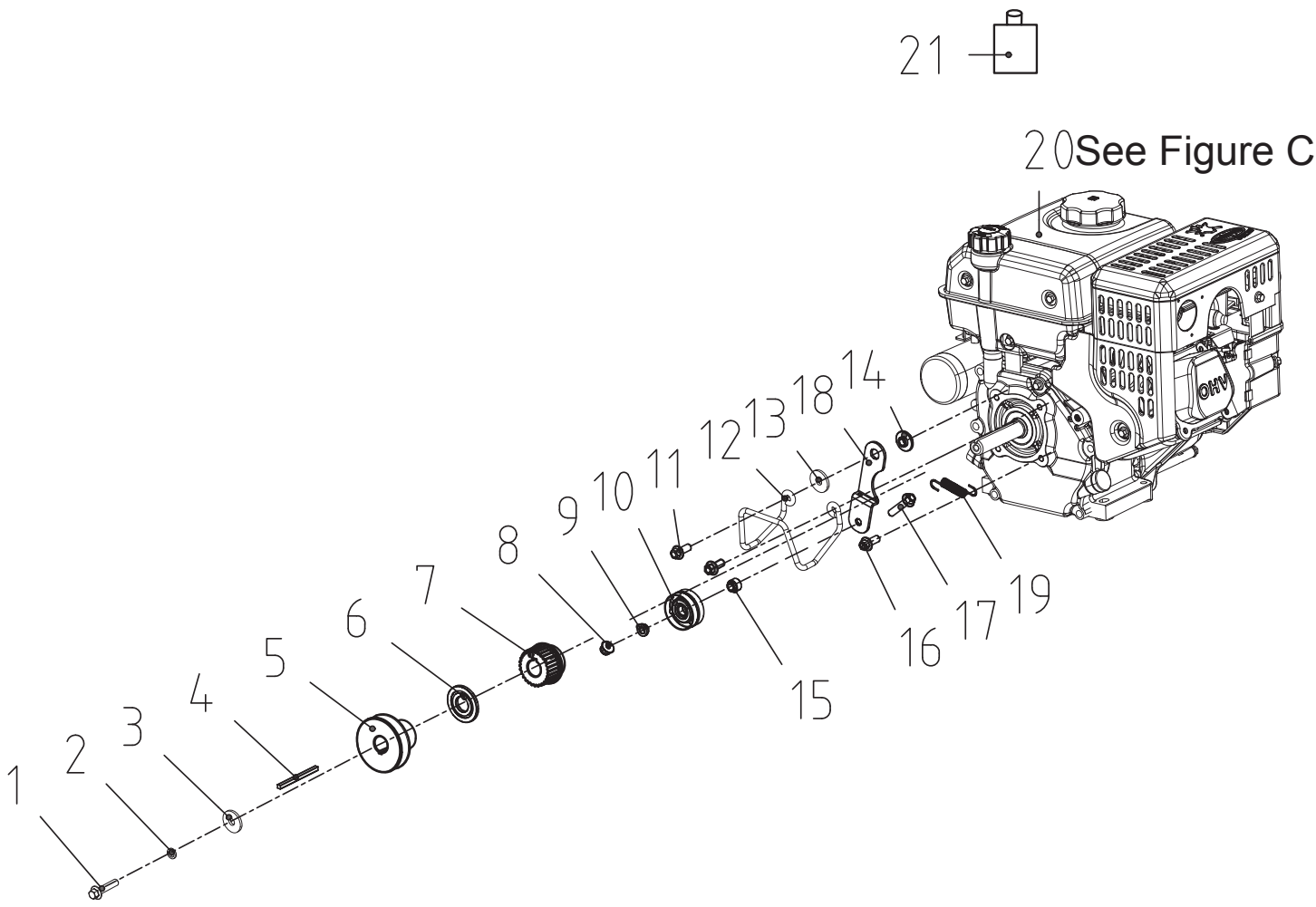


Figure B

## ENGINE ASSEMBLY PARTS LIST

| #  | Part Number     | Description                                                   | Qty. |
|----|-----------------|---------------------------------------------------------------|------|
| 1  | 3091308004      | Hexagon Flange Bolt,M8×30,Blue White Zinc                     | 1    |
| 2  | A26800800202    | Spring Washer,Ø8,Black Zinc                                   | 1    |
| 3  | 23032000335000A | Thickened Big Washer, Ø8.2 × Ø30 × 3.7, White Zinc            | 1    |
| 4  | 23013000015000A | Flat Key,4.78×4.78×70, Black                                  | 1    |
| 5  | 23034000145000D | Small Triangle Belt Pulley , Ø19×Ø72.5×47.5, Black            | 1    |
| 6  | 23034000205000B | Small Synchronous Pulley bushings                             | 1    |
| 7  | 23034000165000B | Small Synchronous Pulley                                      | 1    |
| 8  | 30323060035000  | Flange Locking Nut, M8, All Metal Hexagon, Blue White Zinc    | 1    |
| 9  | 23034000265000A | Shaft Sheath, Small Tension Pulley, Ø8 × Ø15 × 6.1            | 1    |
| 10 | 23032000115000A | Small Tension Pulley Assembly, Ø45 × 19.4                     | 1    |
| 11 | 23093000205000A | Hexagon Flange Bolt, 30mm, 5/16"(24UNF-2A)                    | 1    |
| 12 | 23033000075008B | Belt Lever, Ø6, Black                                         | 1    |
| 13 | 30512050045000  | Big Washer, Ø10, Blue White Zinc                              | 1    |
| 14 | 23034000295000B | Small Tensioning Plate Cushion                                | 1    |
| 15 | 23034000275000B | Shaft Sheath, Small Tension Pulley, Ø8 × Ø15 × 11.5           | 1    |
| 16 | 23093000175000A | Hexagon Flange Bolt, 20mm, 5/16"(24UNF-2A)                    | 2    |
| 17 | 30913070195000  | Hexagon Flange Bolt,M8x35,Blue White Zinc                     | 1    |
| 18 | 23032000265000A | Small Tensioning Plate, White Zinc                            | 1    |
| 19 | 23038000135000A | Small Tension Pulley Spring,65Mn,Ø1.5× Ø10.5×69.3, White Zinc | 1    |
| 20 | 2030100354A     | Engine,224CC                                                  | 1    |
| 21 | 2309900008      | Engine Oil                                                    | 1    |

## ENGINE PARTS DIAGRAM

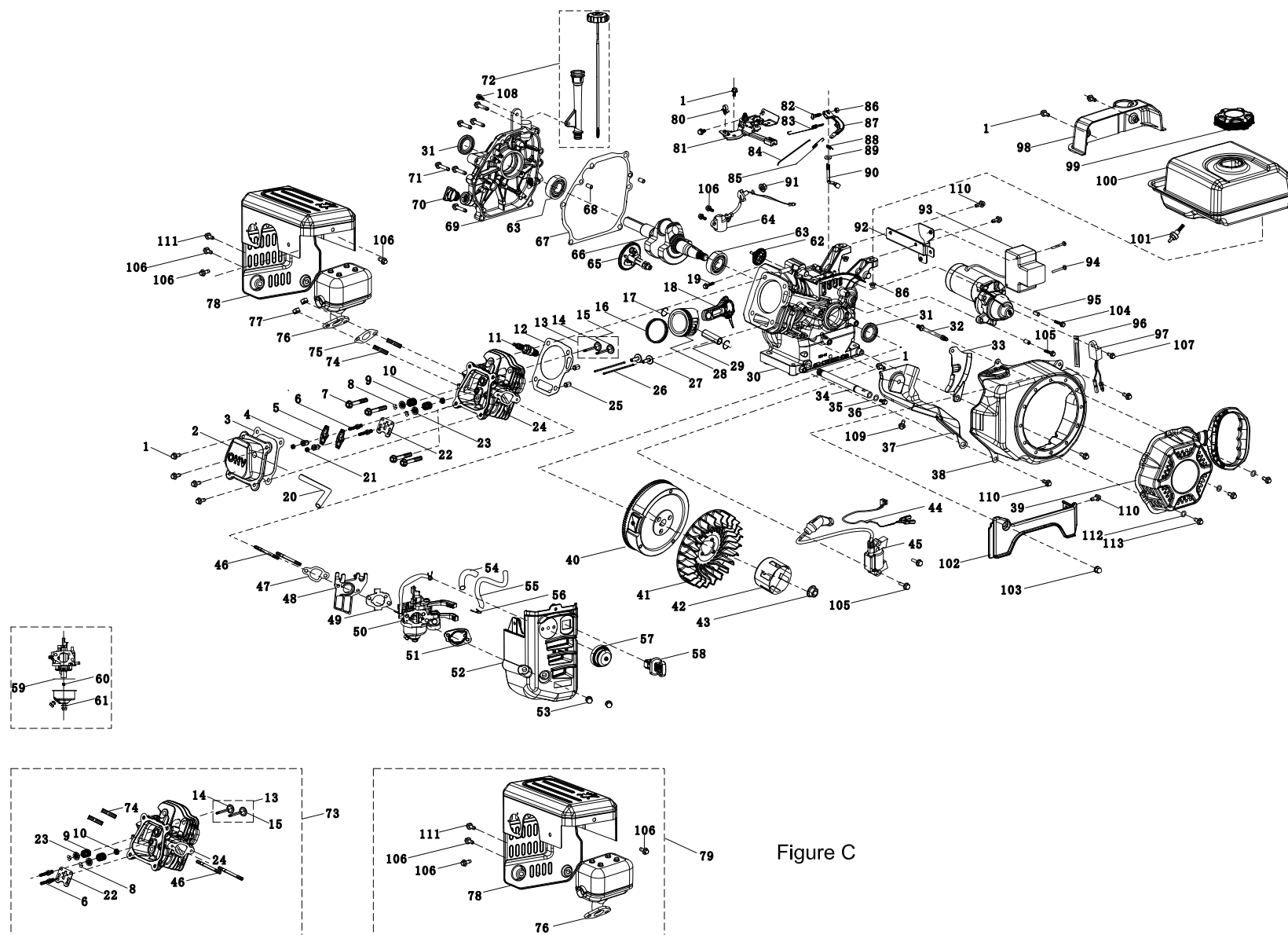


Figure C

## ENGINE PARTS LIST

| #  | Part Number        | Description                                          | Qty. |
|----|--------------------|------------------------------------------------------|------|
| 1  | 90001-0612-0101    | Hexagon Flange Bolt,<br>M6 × 12, Blue White Zinc     | 9    |
| 2  | 12410-Z300120-0100 | Cylinder Head Cover Subassembly,<br>Blue White Zinc  | 1    |
| 3  | 12004-Z010110-0001 | Cylinder Head Cover Gasket                           | 1    |
| 4  | 14314-Z010110-0000 | Valve Adjusting Nut                                  | 2    |
| 5  | 14311-Z010110-0000 | Valve Rocker                                         | 2    |
| 6  | 14313-Z010110-0000 | Valve Adjusting Bolt                                 | 2    |
| 7  | 12003-Z010110-0000 | Cylinder Head Bolt, M8 × 60, Blue<br>White Zinc      | 4    |
| 8  | 12109-Z810110-0000 | Valve Lock Clamp                                     | 4    |
| 9  | 12103-Z010110-0000 | Valve Spring                                         | 2    |
| 10 | 12101-Z810210-0000 | Seal Guide                                           | 1    |
| 11 | 30010-Z010110-0000 | Spark Plug, F6RTC                                    | 1    |
| 12 | 12131-Z950110-00A0 | Cylinder Head Gasket                                 | 1    |
| 13 | 12110-Z810120-0099 | Valves Set                                           | 1    |
| 14 | 12121-Z810120-0000 | Exhaust Valve                                        | 1    |
| 15 | 12111-Z810110-0000 | Inlet Valve                                          | 1    |
| 16 | 13200-Z140210-00A9 | Piston Rings Set                                     | 1    |
| 17 | 13122-Z510210-0000 | Piston Pin Clip                                      | 2    |
| 18 | 13010-Z810210-00A0 | Connecting Rod                                       | 1    |
| 19 | 90001-0632-0101    | Hexagon Flange Bolt,<br>M6 × 32, Blue White Zinc     | 1    |
| 20 | 17004-Z1S0111-0001 | Breather Tube                                        | 1    |
| 21 | 14312-Z010110-0000 | Valve Lock Nut                                       | 2    |
| 22 | 14090-Z010110-0000 | Lifter Stopper Plate Subassembly,<br>Blue White Zinc | 1    |
| 23 | 12112-Z810210-0000 | Valve Spring Retainer                                | 2    |
| 24 | 12140-Z810410-0BA0 | Cylinder Head Subassembly                            | 1    |
| 25 | 90502-1114-00      | Pin, 11 × 14                                         | 2    |
| 26 | 14071-Z440110-0000 | Valve Rod                                            | 2    |

| #  | Part Number            | Description                                          | Qty. |
|----|------------------------|------------------------------------------------------|------|
| 27 | 14081-Z040110-0000     | Valve Lifter                                         | 2    |
| 28 | 13111-Z810120-00A0     | Piston                                               | 1    |
| 29 | 13121-Z810110-0000     | Piston Pin, Ø13 × Ø45.9                              | 1    |
| 30 | 11310-Z1S0110-0BA0     | Crankcase Subassembly                                | 1    |
| 31 | 90682-Z1S0110-0001     | Oil Seal, Ø25 × Ø41.25 × 6                           | 2    |
| 32 | 90204-Z520110-0001     | Stud, M6 × 92.8                                      | 1    |
| 33 | 19340-Z330110-0000     | Lower Shield, Blue White Zinc                        | 1    |
| 34 | 11011-Z1S0110-0001     | Oil Drain Tube                                       | 1    |
| 35 | 90408-Z010510-0000     | Washer, Ø10 × Ø15.8 × 1.5                            | 1    |
| 36 | 11007-Z010110-0001     | Drain Plug Bolt, M10 × 1.25 × 15,<br>Blue White Zinc | 1    |
| 37 | 19304-Z010710-00A1     | Cylinder Body Shroud, Blue White<br>Zinc             | 1    |
| 38 | 28110-Z1S0110-<br>L400 | Shroud                                               | 1    |
| 39 | 28200-Z1S0210-<br>H000 | Recoil Starter Assembly                              | 1    |
| 40 | 13510-Z1S0110-0000     | Flywheel Subassembly                                 | 1    |
| 41 | 19352-Z010110-00A0     | Impeller                                             | 1    |
| 42 | 28002-Z0L0110-0000     | Starter Pulley, Blue White Zinc                      | 1    |
| 43 | 13501-Z010110-0000     | Flywheel Nut, M14 × 1.5, Blue White<br>Zinc          | 1    |
| 44 | 30423-Z1S0210-00A0     | Ignition Coil Stop Engine Wire                       | 1    |
| 45 | 30400-Z330110-0001     | Ignition Coil                                        | 1    |
| 46 | 90207-Z330120-0101     | Stud, M6 × 105, Blue White Zinc                      | 2    |
| 47 | 16002-Z050110-0000     | Carburetor Insulator Gasket                          | 1    |
| 48 | 16003-Z010110-0001     | Carburetor Insulator Plate                           | 1    |
| 49 | 16001-Z010110-0000     | Carburetor Gasket                                    | 1    |
| 50 | 16100-Z1S0210-00A0     | Carburetor Assembly                                  | 1    |
| 51 | 17001-Z010210-0000     | Air Cleaner Gasket                                   | 1    |
| 52 | 17100-Z1S0210-0001     | Air Cleaner                                          | 1    |



| #  | Part Number        | Description                                   | Qty. |
|----|--------------------|-----------------------------------------------|------|
| 53 | 90314-Z130210-0501 | Nut, M6 × 17, Chrome Plated                   | 2    |
| 54 | 30431-Z010110-0000 | Rubber Jacket, Ø9.5 × Ø11 × 90, Black         | 1    |
| 55 | 90686-Z010710-0001 | Fuel Pipe, Ø4.5 × Ø8.5 × 160                  | 1    |
| 56 | 90740-Z010210-0001 | Clamp, Ø7.5, Blue White Zinc                  | 2    |
| 57 | 16210-Z330310-0001 | Primer Bulb                                   | 1    |
| 58 | 35540-Z1A0110-0000 | Stop Engine Switch Subassembly                | 1    |
| 59 | 16112-Z010110-0000 | Seal Ring, Float                              | 1    |
| 60 | 16161-Z151310-0000 | Main Jet, Standard                            | 1    |
|    | 16161-Z151110-0000 | Main Jet, Altitude 3000-6000 feet             |      |
|    | 16161-Z150910-0000 | Main Jet, Altitude 6000-8000 feet             |      |
| 61 | 90681-Z010710-0000 | Seal Ring                                     | 1    |
| 62 | 16400-Z810210-0000 | Governor Gear Assembly                        | 1    |
| 63 | 90547-0205-00      | Bearing, 6205 P53                             | 2    |
| 64 | 37060-Z010120-0001 | Engine oil Sensor, W/O Nut                    | 1    |
| 65 | 14200-Z1S0110-0009 | Camshaft Assembly                             | 1    |
| 66 | 13300-Z1S0110-0000 | Crankshaft Assembly                           | 1    |
| 67 | 11001-Z330120-0000 | Crankcase Gasket                              | 1    |
| 68 | 90502-0812-00      | Pin, 8 × 12                                   | 2    |
| 69 | 11411-Z1S0110-0B00 | Crankcase Cover                               | 1    |
| 70 | 15030-Z010130-L400 | Engine Oil Plug Subassembly                   | 1    |
| 71 | 90001-0832-0101    | Hexagon Flange Bolt, M8 × 32, Blue White Zinc | 6    |
| 72 | 15010-Z1S0111-L400 | Oil Dipstick Subassembly                      | 1    |
| 73 | CMP-QGT-003        | Cylinder Head Assembly Kit                    | 1    |
| 74 | 90203-Z010110-0301 | Stud, M8 × 34                                 | 2    |
| 75 | 18001-Z010110-00A0 | Exhaust Outlet Gasket                         | 1    |
| 76 | 18100-Z1S0110-0000 | Muffler Assembly                              | 1    |
| 77 | 90303-0800-3101    | Hexagon Flange Nut, M8, Blue White Zinc       | 2    |

| #  | Part Number        | Description                                        | Qty. |
|----|--------------------|----------------------------------------------------|------|
| 78 | 18140-Z1S0410-H301 | Scald Resistant Cover                              | 1    |
| 79 | CMP-XSQ-003        | Muffler Assembly Kit                               | 1    |
| 80 | 90684-Z030210-0000 | Clip                                               | 1    |
| 81 | 16520-Z1S0110-0001 | Throttle Control Assembly, Blue White Zinc         | 1    |
| 82 | 16072-Z010110-0001 | Governor Support Bolt, M6 × 21, Blue White Zinc    | 1    |
| 83 | 16063-Z1S0110-0101 | Spring, Governor, Ø6 × Ø0.8 × 127, Blue White Zinc | 1    |
| 84 | 16062-Z010110-0001 | Governor Rod, Blue White Zinc                      | 1    |
| 85 | 16012-Z010110-0000 | Throttle Valve Returning Spring                    | 1    |
| 86 | 90305-0600-3101    | Hexagon Flange Nut, M6, Blue White Zinc            | 3    |
| 87 | 16070-Z010110-0001 | Governor Support Subassembly, Blue White Zinc      | 1    |
| 88 | 90501-Z010110-0001 | Pin, Blue White Zinc                               | 1    |
| 89 | 90408-Z010210-0000 | Washer, Ø6.2 × Ø15 × 0.6                           | 1    |
| 90 | 16061-Z010110-0000 | Governor Arm                                       | 1    |
| 91 | 90305-Z010210-0101 | Hexagon Flange Nut, M10, Blue White Zinc           | 1    |
| 92 | 30360-Z330110-H301 | Support Control Box Subassembly                    | 1    |
| 93 | 30300-Z1S0110-0001 | Starting Motor Assembly                            | 1    |
| 94 | 90103-0455-5301    | Screw, M4 × 55, Black Zinc                         | 2    |
| 95 | 90502-0810-00      | Pin, 8 × 10                                        | 2    |
| 96 | 90684-Z030120-00A0 | Clip                                               | 1    |
| 97 | 37050-Z010210-0001 | Oil Protector, Blue White Zinc                     | 1    |
| 98 | 16667-Z330110-0001 | Fuel Tank Decorated Plate                          | 1    |
| 99 | 16730-Z1S0110-Q201 | Fuel Tank Cover                                    | 1    |

| #   | Part Number        | Description                                      | Qty. |
|-----|--------------------|--------------------------------------------------|------|
| 100 | 16620-Z1S0110-H0A0 | Fuel Tank                                        | 1    |
| 101 | 16680-Z010110-0001 | Fuel Tank Oil Outlet Subassembly                 | 1    |
| 102 | 80057-Z1S0110-0001 | Front Snow Guard                                 | 1    |
| 103 | 90314-0600-B101    | Nut, M6, Blue White Zinc                         | 1    |
| 104 | 90001-0635-01      | Hexagon Flange Bolt,<br>M6 × 35, Blue White Zinc | 1    |
| 105 | 90001-0625-01      | Hexagon Flange Bolt,<br>M6 × 25, Blue White Zinc | 3    |
| 106 | 90001-0614-0101    | Hexagon Flange Bolt,<br>M6 × 14, Blue White Zinc | 5    |
| 107 | 90001-0514-0101    | Hexagon Flange Bolt,<br>M5 × 14, Blue White Zinc | 1    |
| 108 | 90001-0616-0109    | Hexagon Flange Bolt,<br>M6 × 16, Blue White Zinc | 1    |
| 109 | 90001-0610-0101    | Hexagon Flange Bolt,<br>M6 × 10, Blue White Zinc | 1    |
| 110 | 90007-0612-A102    | Hexagon Flange Bolt,<br>M6 × 12, Blue White Zinc | 6    |
| 111 | 90001-0816-0109    | Hexagon Flange Bolt,<br>M8 × 16, Blue White Zinc | 1    |
| 112 | 90408-0600-E1      | Washer                                           | 3    |
| 113 | 90001-0608-01      | Hexagon Flange Bolt,<br>M6 × 8, Blue White Zinc  | 3    |

DRIVETRAIN DIAGRAM

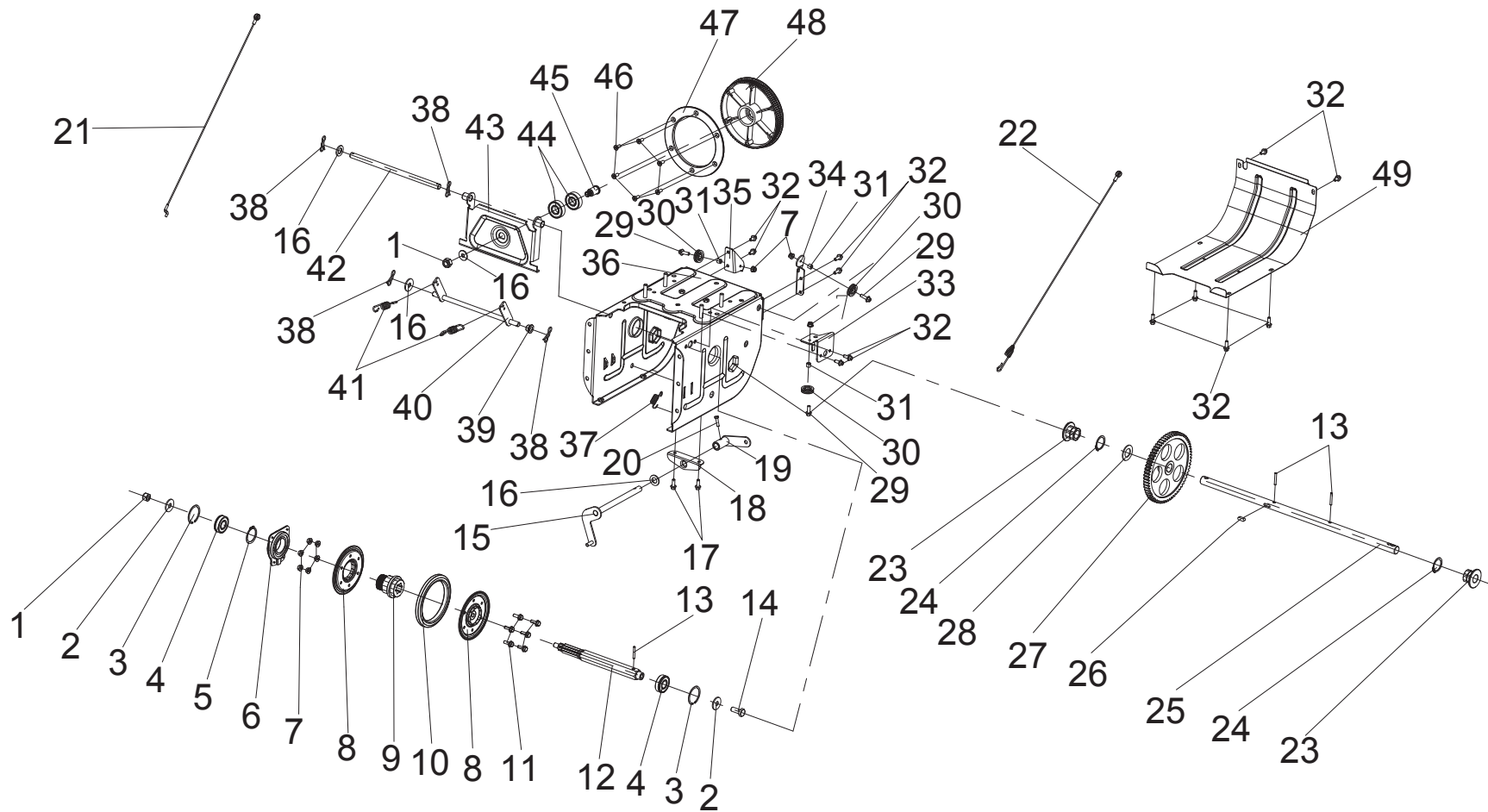


Figure D

## DRIVETRAIN PARTS LIST

| #  | Part Number     | Description                                                | Qty. |
|----|-----------------|------------------------------------------------------------|------|
| 1  | 23093000125000A | Hexagon Locking Nut, M10, Blue White Zinc                  | 2    |
| 2  | 30512050045000  | Big Washer, Ø10, Blue White Zinc                           | 4    |
| 3  | 23092000065000A | Shaft Ring, Ø38 × Ø43.6 × 1, Black                         | 2    |
| 4  | 23013000025000A | Bearing, 6203-2RS, 1.6 × 1                                 | 2    |
| 5  | 30423010065000  | A Type External Circlips, Ø35, Black                       | 1    |
| 6  | 23032000215000A | Shifting Fork Riveting, White Zinc                         | 1    |
| 7  | 30323060015000  | Flange Locking Nut, M6, All Metal Hexagon, Blue White Zinc | 9    |
| 8  | 23032000285000B | Friction Wheel Clamp, Ø117.6, White Zinc                   | 2    |
| 9  | 23034000285000B | Wheeled Six Party Sleeve, Ø52 × 52.9                       | 1    |
| 10 | 23036000105000A | Friction Wheel Rubber Ring, Ø127 × 12.4                    | 1    |
| 11 | 30913070015000  | Hexagon Flange Bolt, M6 × 16, Blue White Zinc              | 6    |
| 12 | 23033000495000A | Wheeled Six Party Shaft, Ø17 × 22 × 253, White Zinc        | 1    |
| 13 | 30823060015000  | Elastic Column Pin, 4 × 30, Black                          | 3    |
| 14 | 30913040065000  | Hexagon Bolt, M10 × 20, Blue White Zinc                    | 1    |
| 15 | 23032000195000A | Gear Shift Fork Assembly, Ø13, White Zinc                  | 1    |
| 16 | 23092000045000A | Flat Washer, Ø14 × Ø25 × 2.5, Blue White Zinc              | 2    |
| 17 | 30913070125000  | Hexagon Flange Bolt, M6 × 10, Blue White Zinc              | 2    |
| 18 | 23032000185000A | Shifting Fork Plate, THK=1.5, 95 × 22 × 26.5, White Zinc   | 1    |
| 19 | 23062000255000A | Gear Link Plate Assembly, Black                            | 1    |
| 20 | 30913040135000  | Hexagon Bolt, M5 × 20, Black Zinc                          | 1    |
| 21 | 23068000065000A | Self Driving Cable, 500mm                                  | 1    |
| 22 | 23068000055000A | Snow Throwing Cable 2, 705mm                               | 1    |
| 23 | 23034000255000B | Hexagon Bushing, Ø19 × Ø45 × 25.3                          | 2    |
| 24 | 30423010075000  | A Type External Circlips, Ø30, Black                       | 2    |
| 25 | 23013000115000C | Wheel Shaft, Ø19, White Zinc                               | 1    |

| #  | Part Number     | Description                                                     | Qty. |
|----|-----------------|-----------------------------------------------------------------|------|
| 26 | 31013010045000  | Flat Key, 6 × 6 × 18, Black                                     | 1    |
| 27 | 23034000765000A | Transmission Gear                                               | 1    |
| 28 | 23092000055000A | Flat Washer, Ø20 × Ø37 × 2, Blue White Zinc                     | 1    |
| 29 | 30913070105000  | Hexagon Flange Bolt, M6 × 20, Blue White Zinc                   | 3    |
| 30 | 23061000130001B | Wire Roller, Black                                              | 3    |
| 31 | 23033000185000A | Roller Sleeve, White Zinc                                       | 3    |
| 32 | 23033000485000A | Flange Triangle Self-Tapping Screw, M6 × 16, White Zinc         | 12   |
| 33 | 23035000125000C | Front Wire Support Seat Assembly, White Zinc                    | 1    |
| 34 | 23032000175000B | Clutch Wire Support Seat, White Zinc                            | 1    |
| 35 | 23062000145000B | Self Driving Wire Support Seat, White Zinc                      | 1    |
| 36 | 23035000110034N | Housing Assembly, Yellow 109C                                   | 1    |
| 37 | 23038000125000C | Extension Spring, Ø8.5 × 44.9, Black                            | 1    |
| 38 | 22698000065000A | B Pin, White Zinc                                               | 4    |
| 39 | 23034000355000A | Rocer Arm Spacer Bushing, Ø10.1 × Ø20 × 10                      | 1    |
| 40 | 23032000275000A | Rocer Arm, White Zinc                                           | 1    |
| 41 | 23068000125000A | Self-Driving Extension Spring, Ø2.1 × Ø15 × 86.5, White Zinc    | 2    |
| 42 | 23033000335000A | Bracket Shaft, Ø12.5 × 245                                      | 1    |
| 43 | 23035000140001B | Friction Disc Bracket Assembly, Black                           | 1    |
| 44 | 30613010075000  | Deep Groove Ball Bearing, 6203RS                                | 2    |
| 45 | 23033000115000B | Large Synchronous Pulley Shaft, Ø17 × Ø20 × 39.3, Black         | 1    |
| 46 | 30213010035000  | Cross Recessed Countersunk Head Screw, M6 × 12, Blue White Zinc | 6    |
| 47 | 23034000195000A | Large Synchronous Pulley Side Plate, Ø169.5                     | 1    |
| 48 | 23034000185000C | Large Synchronous Pulley, Ø170                                  | 1    |
| 49 | 23032000160034N | Big Bottom Plate, Yellow 109C                                   | 1    |

AUGER DIAGRAM

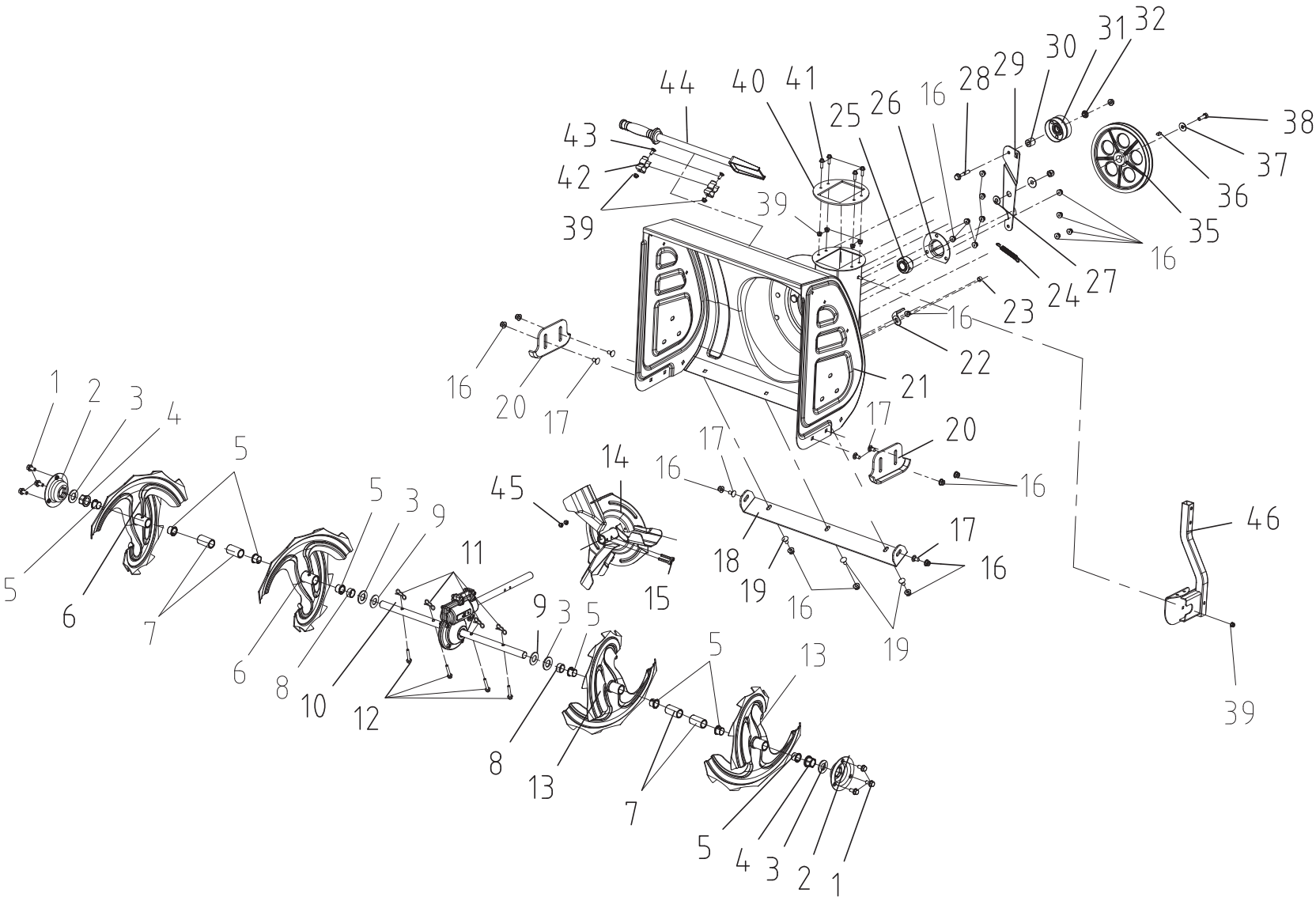


Figure E

## AUGER PARTS LIST

| #  | Part Number     | Description                                                | Qty. |
|----|-----------------|------------------------------------------------------------|------|
| 1  | 30913070165000  | Hexagon Flange Bolt, M8 × 16, Blue White Zinc              | 6    |
| 2  | 23052000115000A | Bearing Support, THK=2, White Zinc                         | 2    |
| 3  | 23092000055000A | Flat Washer, Ø20 × Ø37 × 2, Blue White Zinc                | 4    |
| 4  | 23053000035000A | Bearing Sheath, Auger                                      | 2    |
| 5  | 23051000130001B | T Type Bearing Sheath, Auger, Black                        | 8    |
| 6  | 23055000100001A | Right Auger Assembly                                       | 2    |
| 7  | 23051000120001B | Long Bearing Sheath, Auger, Ø19.4×Ø24.2×25.3, Black        | 4    |
| 8  | 23051000110001B | Short Bearing Sheath, Auger, Ø19.4×Ø24.2×16, Black         | 2    |
| 9  | 22627000125000A | Wool Felt Washer, Ø40 × Ø20 × 3, White                     | 2    |
| 10 | 2300200001      | Worm Gear Box Assembly, 24"                                | 1    |
| 11 | 23093000195000B | B Pin, White Zinc                                          | 4    |
| 12 | 23093000025000A | Shear Pin, Ø6 × 35.5, Blue White Zinc                      | 4    |
| 13 | 23055000110001A | Left Auger Assembly, black                                 | 2    |
| 14 | 23055000170001B | Fan Impeller Assembly, black                               | 1    |
| 15 | 30223010055000  | Hexagon Socket Head Cap Screw, M6 × 40, Black Zinc         | 2    |
| 16 | 30323060035000  | Flange Locking Nut, M8, All Metal Hexagon, Blue White Zinc | 21   |
| 17 | 30913090025000  | Half-Round Head Square Neck Bolt, M8 × 20, Blue White Zinc | 6    |
| 18 | 23032000400001N | Snow Shovel Plate, 24 Inch, Black                          | 1    |
| 19 | 30913090015000  | Half-Round Head Square Neck Bolt, M8 × 16, Blue White Zinc | 3    |
| 20 | 23032000230001N | Sled, Black                                                | 2    |
| 21 | 23035000220034N | Big Housing Assembly                                       | 1    |
| 22 | 23032000135000A | Belt Support, THK=3, 40 × 38 × 20.5, White Zinc            | 1    |
| 23 | 2303300002A     | Bushing, Ø8 × Ø12 × 7, White Zinc                          | 1    |
| 24 | 2303800001A     | Tension Spring, 65Mn, Big Tension Wheel, White Zinc        | 1    |

| #  | Part Number     | Description                                                  | Qty. |
|----|-----------------|--------------------------------------------------------------|------|
| 25 | 30693010015000  | Spherical Bearing                                            | 1    |
| 26 | 23052000125000B | Pressing Plate, Bearing, THK=2, Ø95 × 8.5, White Zinc        | 1    |
| 27 | 2303400070A     | Bushing, Ø35 × Ø16 × 6.2, Large Tension Board                | 1    |
| 28 | 30913040145000  | Hexagon Bolt, M8 × 40, Blue White Zinc                       | 1    |
| 29 | 23032000255000D | Large Tension Board                                          | 1    |
| 30 | 23034000345000A | Sheath (Thick), Large Tension Wheel, Ø20 × Ø8 × 16.5         | 1    |
| 31 | 23032000105000C | Large Tension Wheel Assembly, Ø66.5 × 36.2, THK=1.5          | 1    |
| 32 | 23034000325000A | Sheath (Thin), Large Tension Wheel, Ø20 × Ø8 × 5.5           | 1    |
| 33 | 30512050045000  | Big Washer, Ø10, Blue White Zinc                             | 1    |
| 34 | 23093000125000A | Hexagon Locking Nut, M10, Blue White Zinc                    | 1    |
| 35 | 23034000135000C | Big Triangle Pulley, Ø200 × 15.7, Black                      | 1    |
| 36 | 23093000165000A | Flat Key, 6 × 6 × 15, Black                                  | 1    |
| 37 | 23032000335000A | Thickened Big Washer, Ø8.2 × Ø30 × 3.7, White Zinc           | 1    |
| 38 | 30913040115000  | Hexagon Bolt, M8 × 25, Blue White Zinc                       | 1    |
| 39 | 30323060015000  | Flange Locking Nut, M6, All Metal Hexagon, Blue White Zinc   | 7    |
| 40 | 23071000210001D | Steering Positioning Plate, Ø158.5 × 4, Black                | 1    |
| 41 | 30913070105000  | Hexagon Flange Bolt, M6 × 20, Blue White Zinc                | 4    |
| 42 | 23092000075000A | Bracket, Snow Removal, THK=1.2, 39.2 × 30.4 × 13, White Zinc | 2    |
| 43 | 30913090035000  | Half-Round Head Square Neck Bolt, M6 × 16, Blue White Zinc   | 2    |
| 44 | 23002000130265A | Snow Removal (Shovel) Assembly, Black 419C                   | 1    |
| 45 | 30313030015000  | Hexagon Nut, M6, Black Zinc                                  | 2    |
| 46 | 2307200016A     | Support Frame Weld, 178 × 92.5 × 320                         | 1    |

CHUTE DIAGRAM

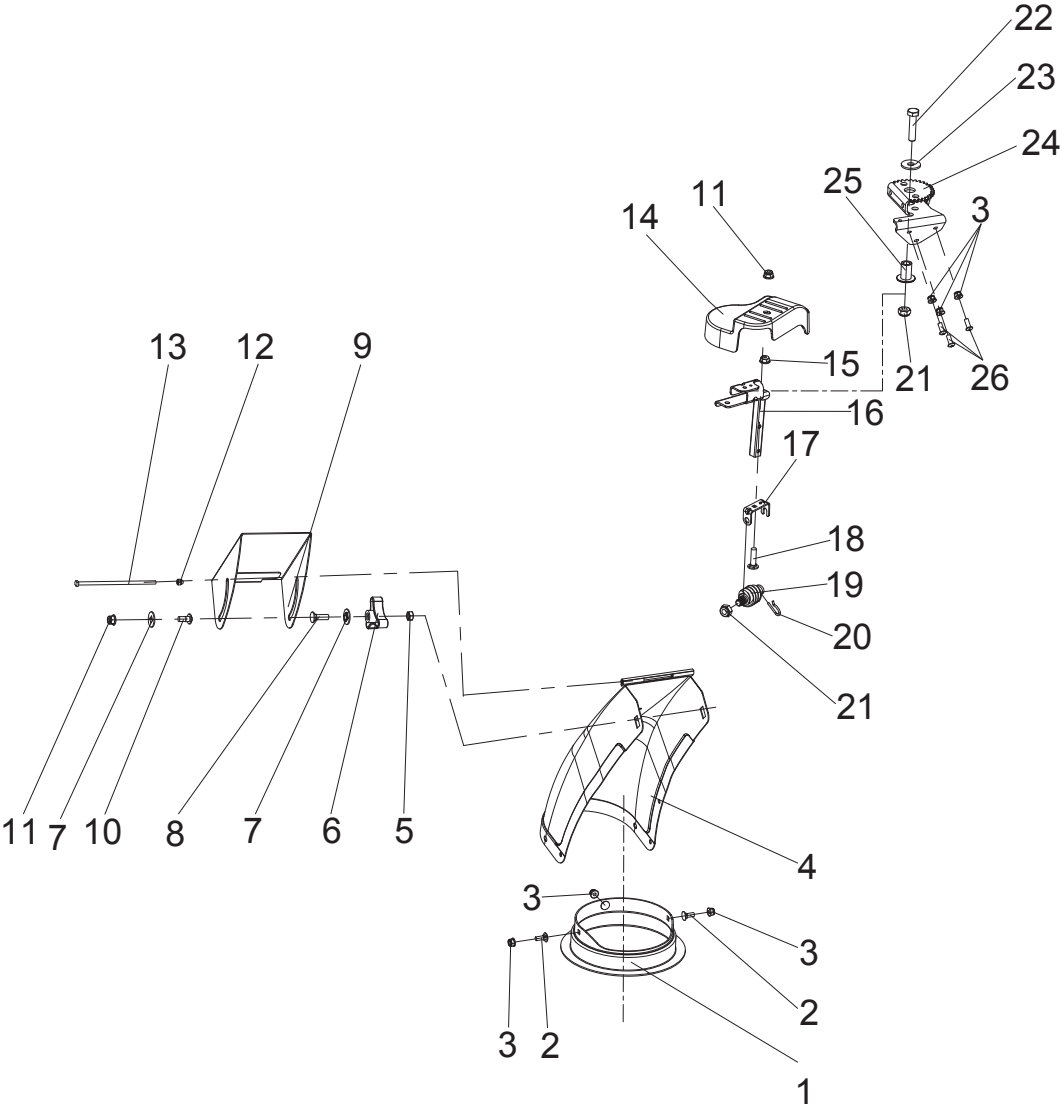


Figure F

## CHUTE PARTS LIST

| #  | Part Number     | Description                                                               | Qty. |
|----|-----------------|---------------------------------------------------------------------------|------|
| 1  | 23075000165001A | Steering Positioning Block Assembly, Ø195 × 51                            | 1    |
| 2  | 30913090035000  | Half-Round Head Square Neck Bolt, M6 × 16, Blue White Zinc                | 2    |
| 3  | 30323060015000  | Flange Locking Nut, M6, All Metal Hexagon, Blue White Zinc                | 6    |
| 4  | 23072000060001A | Snow Bucket Assembly, 388 × 295.5 × 164.7, Black                          | 1    |
| 5  | 30313060025000  | Hexagon Nut, M8, Blue White Zinc                                          | 1    |
| 6  | 21061000400001A | Rotating Knob, Black                                                      | 1    |
| 7  | 23071000140001B | Snow Bucket Washer, Black                                                 | 2    |
| 8  | 30913090045000  | Half-Round Head Square Neck Bolt, M8 × 25, Blue White Zinc                | 1    |
| 9  | 23075000100001N | Small Snow Bucket Assembly, Black                                         | 1    |
| 10 | 23099000045000A | Flat Head Inner Hexagon Bolt, M8 × 17, White Zinc                         | 1    |
| 11 | 30323060035000  | Flange Locking Nut, M8, All Metal Hexagon, Blue White Zinc                | 2    |
| 12 | 30333020025000  | Cap Nut, M5, Blue White Zinc                                              | 1    |
| 13 | 23093000155000A | Hinge Pin, Ø5, White Zinc                                                 | 1    |
| 14 | 23041000330001A | Worm Protection Cover, Black                                              | 1    |
| 15 | 30333040045000  | Serrated Anti-Slip And Anti-Loose Hexagon Flange Nut, M8, Blue White Zinc | 1    |

| #  | Part Number     | Description                                                | Qty. |
|----|-----------------|------------------------------------------------------------|------|
| 16 | 23072000155000A | Joint Plate Weld, 142.5 × 90.5 × 219.5                     | 1    |
| 17 | 23063000615000A | Worm Bracket, 64 × 40 × 24, Black                          | 1    |
| 18 | 30933010035000  | Half-Round Head Square Neck Bolt, M8 × 30, Blue White Zinc | 1    |
| 19 | 23073000115000A | Steering Worm, Ø29.2 × 61, White Zinc                      | 1    |
| 20 | 23093000135000A | R Pin, Ø2.5 × 26.3 × 12.3, White Zinc                      | 1    |
| 21 | 23093000125000A | Hexagon Locking Nut, M10, Blue White Zinc                  | 2    |
| 22 | 30913030045000  | Haft-Thread Hexagon Bolt, M10 × 45, White Zinc             | 1    |
| 23 | 30512050045000  | Big Washer, Ø10, Blue White Zinc                           | 1    |
| 24 | 23072000115000B | Worm Wheel Plate, THK=3.2, 102.5 × 82.9 × 86.2, Black      | 1    |
| 25 | 23024000195000B | Spacer Bushing, Worm Wheel Plate, Ø29 × Ø25.6              | 1    |
| 26 | 30213020045000  | Machine Screw, M6 × 16, White Zinc                         | 3    |