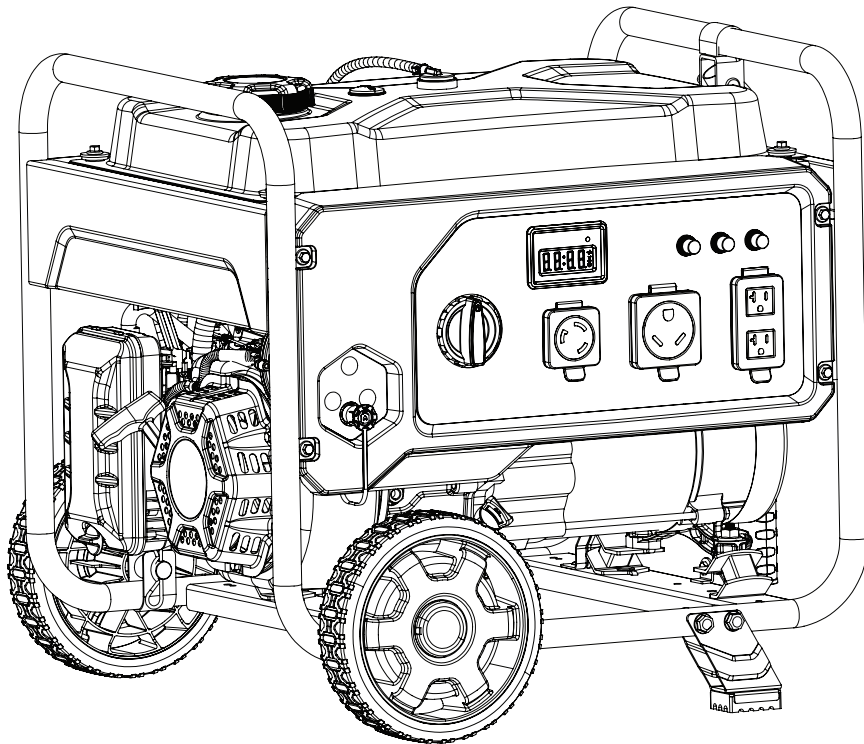




Champion Power Equipment, Inc.

**MODEL #201279**



## **PARTS INFORMATION**

**4250W DUAL FUEL PORTABLE GENERATOR**

**SERIAL NUMBER RANGE: ALL**



To order replacement parts please visit:  
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GENERATOR PARTS DIAGRAM

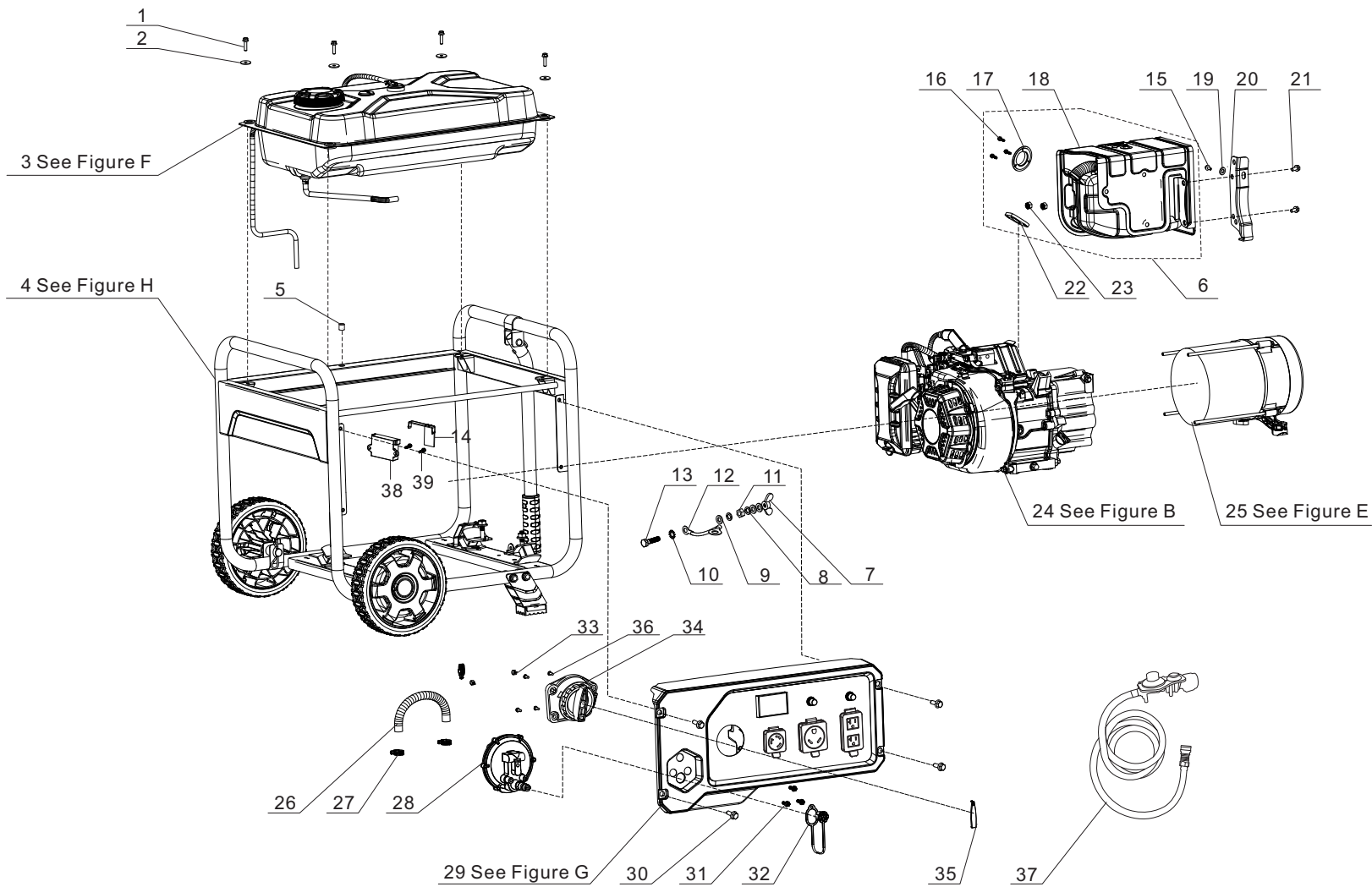


Figure A

## GENERATOR PARTS LIST

| #  | Part Number       | Description                              | Qty. |
|----|-------------------|------------------------------------------|------|
| 1  | 90007-000014      | Hexagon Flange Bolt, M6 x 20, Black Zinc | 4    |
| 2  | 90408-000008      | Flat Washer, Ø6, Black Zinc              | 4    |
| 3  | 96003-Y16620-0005 | Fuel Tank Assembly - See Figure F        | 1    |
| 4  | 96103-Y51100-0001 | Frame Assembly - See Figure H            | 1    |
| 5  | 90698-000001      | Protective Rubber Sleeve                 | 1    |
| 6  | 96117-Y18100-0001 | Muffler Assembly 1                       | 1    |
| 7  | 90312-000001      | Wing Nut, M6, Black Zinc                 | 1    |
| 8  | 90403-000003      | Spring Washer, Black Zinc                | 2    |
| 9  | 90408-000006      | Flat Washer, Black Zinc                  | 3    |
| 10 | 90415-000002      | Lock Washer, Toothed, Black Zinc         | 1    |
| 11 | 90303-000003      | Hexagon Nut, M6, Black Zinc              | 1    |
| 12 | 30009-000002      | Grounding Wire                           | 1    |
| 13 | 90001-000027      | Hexagon Flange Bolt, M6 x 25, Black Zinc | 1    |
| 14 | 30351-000003      | Cover, CO Alarm                          | 1    |
| 15 | 90001-000019      | Hexagon Flange Bolt, M6 x 12, Black Zinc | 1    |
| 16 | 90103-000015      | Screw, M4 x 6, White Zinc                | 3    |
| 17 | 18250-000007      | Spark Arrestor                           | 1    |
| 18 | 18100-000044      | Muffler Assembly                         | 1    |
| 19 | 90406-000003      | Flat Washer, Black Zinc                  | 1    |
| 20 | 18030-000008      | Muffler Bracket                          | 1    |
| 21 | 90001-000041      | Hexagon Flange Bolt, M8 x 16, Black Zinc | 2    |
| 22 | 18001-000011      | Exhaust Outlet Gasket                    | 1    |
| 23 | 90303-000006      | Hexagon Nut, M8, Black Zinc              | 2    |
| 24 | 96100-225NV000-01 | Engine R225 - See Figure B               | 1    |
| 25 | 96114-Y31300-0001 | Alternator - See Figure E                | 1    |
| 26 | 90729-000001      | Hose, Ø10 x Ø16.8 x 195                  | 1    |
| 27 | 90748-000002      | Clamp, Ø10 -16                           | 3    |
| 28 | 77100-000007      | Gas Pressure Reducing Valve              | 1    |
| 29 | 35610-000139      | Contral Pannel Assembly - See Figure G   | 1    |
| 30 | 90007-000012      | Hexagon Flange Bolt, M6 x 16, Black Zinc | 4    |

| #  | Part Number  | Description                                       | Qty. |
|----|--------------|---------------------------------------------------|------|
| 31 | 90134-000001 | Bolt, Cross Hexagon Pan Head, M5 x 12, Black Zinc | 3    |
| 32 | 16287-000001 | Dust Cap                                          | 1    |
| 33 | 90685-000002 | Clamp, Ø9 x 8 x 0.8                               | 2    |
| 34 | 16750-000012 | Fuel Valve Assembly                               | 1    |
| 35 | 82007-000005 | Decorative Cover                                  | 1    |
| 36 | 90124-000003 | Self Tapping Screw, PT5x16                        | 4    |
| 37 | 77300-000002 | LPG Hose With Regulator                           | 1    |
| 38 | 35720-000001 | CO Alarm                                          | 1    |
| 39 | 90103-000013 | Screw, M5 x 16, White Zinc                        | 2    |

ENGINE PARTS DIAGRAM

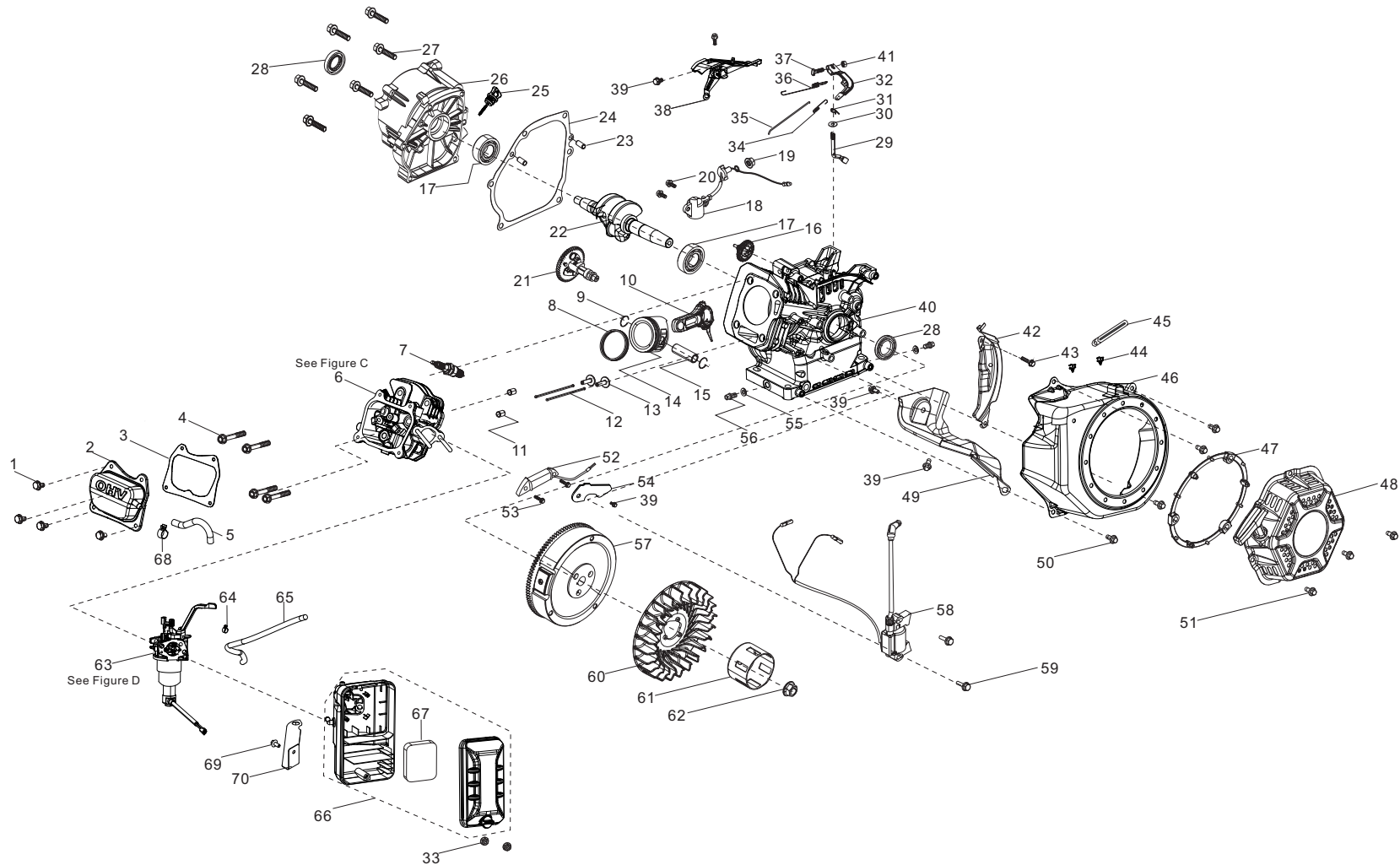


Figure B

## ENGINE PARTS LIST

| #  | Part Number       | Description                              | Qty. |
|----|-------------------|------------------------------------------|------|
| 1  | 90001-000018      | Hexagon Flange Bolt, M6 x 12, White Zinc | 4    |
| 2  | 12410-000012      | Cylinder Head Cover, White Zinc          | 1    |
| 3  | 12004-000017      | Cylinder Head Cover Gasket               | 1    |
| 4  | 12003-000001      | Cylinder Head Bolt, M8 x 60, White Zinc  | 4    |
| 5  | 17004-000022      | Tube, Breather, Ø8 x Ø12                 | 1    |
| 6  | 96003-Z12140-0042 | Cylinder Head - See Figure C             | 1    |
| 7  | 30010-000001      | Spark Plug, F6RTC                        | 1    |
| 8  | 13200-000007      | Piston Ring Assembly                     | 1    |
| 9  | 13122-000001      | Piston Pin Clip                          | 2    |
| 10 | 13010-000015      | Connecting Rod                           | 1    |
| 11 | 90502-000007      | Pin, Ø11 x 14                            | 2    |
| 12 | 14071-000005      | Valve Lifter                             | 2    |
| 13 | 14081-000002      | Valve Tappet                             | 2    |
| 14 | 13111-000010      | Piston                                   | 1    |
| 15 | 13121-000001      | Piston Pin, Ø18 x Ø14 x 54               | 1    |
| 16 | 16400-000003      | Governor Gear Assembly                   | 1    |
| 17 | 90547-000007      | Bearing, 6205                            | 2    |
| 18 | 37060-000003      | Engine oil Sensor, W/O Nut               | 1    |
| 19 | 90305-000015      | Hexagon Flange Nut, M10, Black Zinc      | 1    |
| 20 | 90001-000020      | Hexagon Flange Bolt, M6 x 14, White Zinc | 2    |
| 21 | 14200-000012      | Camshaft Assembly                        | 1    |
| 22 | 13300-000033      | Crankshaft Assembly                      | 1    |
| 23 | 90502-000005      | Pin, Ø9 x 12                             | 2    |
| 24 | 11001-000008      | Crankcase Gasket                         | 1    |
| 25 | 15010-000016      | Oil Dipstick                             | 1    |
| 26 | 11411-000018      | Crankcase Cover                          | 1    |
| 27 | 90001-000047      | Hexagon Flange Bolt, M8 x 32, White Zinc | 6    |
| 28 | 90682-000010      | Oil Seal, Ø25 x Ø41.25 x 6               | 2    |
| 29 | 16061-000001      | Governor Arm                             | 1    |
| 30 | 90408-000020      | Washer, Ø6.2 x Ø15 x 0.6                 | 1    |

| #  | Part Number  | Description                                  | Qty. |
|----|--------------|----------------------------------------------|------|
| 31 | 90501-000005 | Pin, White Zinc                              | 1    |
| 32 | 16070-000001 | Governor Support Subassembly, White Zinc     | 1    |
| 33 | 90305-000008 | Hexagon Flange Nut, M6, Black Zinc           | 2    |
| 34 | 16012-000002 | Throttle Valve Returning Spring              | 1    |
| 35 | 16062-000002 | Governor Rod, White Zinc                     | 1    |
| 36 | 16063-000001 | Spring, Governor, Ø6 x Ø0.8 x 115            | 1    |
| 37 | 16072-000001 | Governor Support Bolt, M6 x 21, White Zinc   | 1    |
| 38 | 16520-000018 | Air Guide, Engine Fan, White Zinc            | 1    |
| 39 | 90001-000016 | Hexagon Flange Bolt, M6 x 10, White Zinc     | 5    |
| 40 | 11310-000015 | Crankcase Subassembly                        | 1    |
| 41 | 90305-000005 | Hexagon Flange Nut, M6, White Zinc           | 1    |
| 42 | 19340-000006 | Lower Shield, White Zinc                     | 1    |
| 43 | 90001-000022 | Hexagon Flange Bolt, M6 x 16, White Zinc     | 1    |
| 44 | 90685-000017 | Clamp 2                                      | 2    |
| 45 | 90684-000001 | Clip, Ø6 x 10.6 x 130                        | 1    |
| 46 | 28110-000005 | Cover, Cooling Fan, PMS 109C                 | 1    |
| 47 | 28261-000001 | Retainer Ring, Recoil Starter                | 1    |
| 48 | 28200-000005 | Recoil Starter Assembly                      | 1    |
| 49 | 19304-000009 | Cylinder Body Shroud                         | 1    |
| 50 | 90001-000019 | Hexagon Flange Bolt, M6 x 12, Black Zinc     | 4    |
| 51 | 90251-000002 | Bolts & Washer, M6 x 18, Black Zinc          | 3    |
| 52 | 30140-000003 | Charging Coil                                | 1    |
| 53 | 90001-000028 | Hexagon Flange Bolt, M6 x 28, White Zinc     | 2    |
| 54 | 30001-000003 | Plate, Charging Coil                         | 1    |
| 55 | 90408-000021 | Washer, Ø10 x Ø15.8 x 1.5                    | 2    |
| 56 | 11007-000001 | Drain Plug Bolt, M10 x 1.25 x 15, White Zinc | 2    |
| 57 | 13510-000024 | Flywheel Subassembly                         | 1    |
| 58 | 30400-000015 | Ignition Coil                                | 1    |
| 59 | 90001-000026 | Hexagon Flange Bolt, M6 x 25, White Zinc     | 2    |
| 60 | 19352-000012 | Cooling Fan, Engine                          | 1    |

| #  | Part Number       | Description                              | Qty. |
|----|-------------------|------------------------------------------|------|
| 61 | 28002-000010      | Starter Pulley, White Zinc               | 1    |
| 62 | 13501-000001      | Flywheel Nut, M14 x 1.5, White Zinc      | 1    |
| 63 | 96105-Z16100-0001 | Carburetor Subassembly - See Figure D    | 1    |
| 64 | 90748-000002      | Clamp, Ø10 x 16                          | 1    |
| 65 | 90729-000013      | Vent Hose, Ø9.5 x Ø16.8 x 320            | 1    |
| 66 | 17100-000020      | Air Cleaner                              | 1    |
| 67 | 17151-000009      | Element, Air Cleaner                     | 1    |
| 68 | 90685-000008      | Clamp, Ø10.5 x 1, White Zinc             | 1    |
| 69 | 90001-000019      | Hexagon Flange Bolt, M6 x 12, Black Zinc | 1    |
| 70 | 17003-000003      | Air Cleaner Support                      | 1    |

CYLINDER HEAD PARTS DIAGRAM

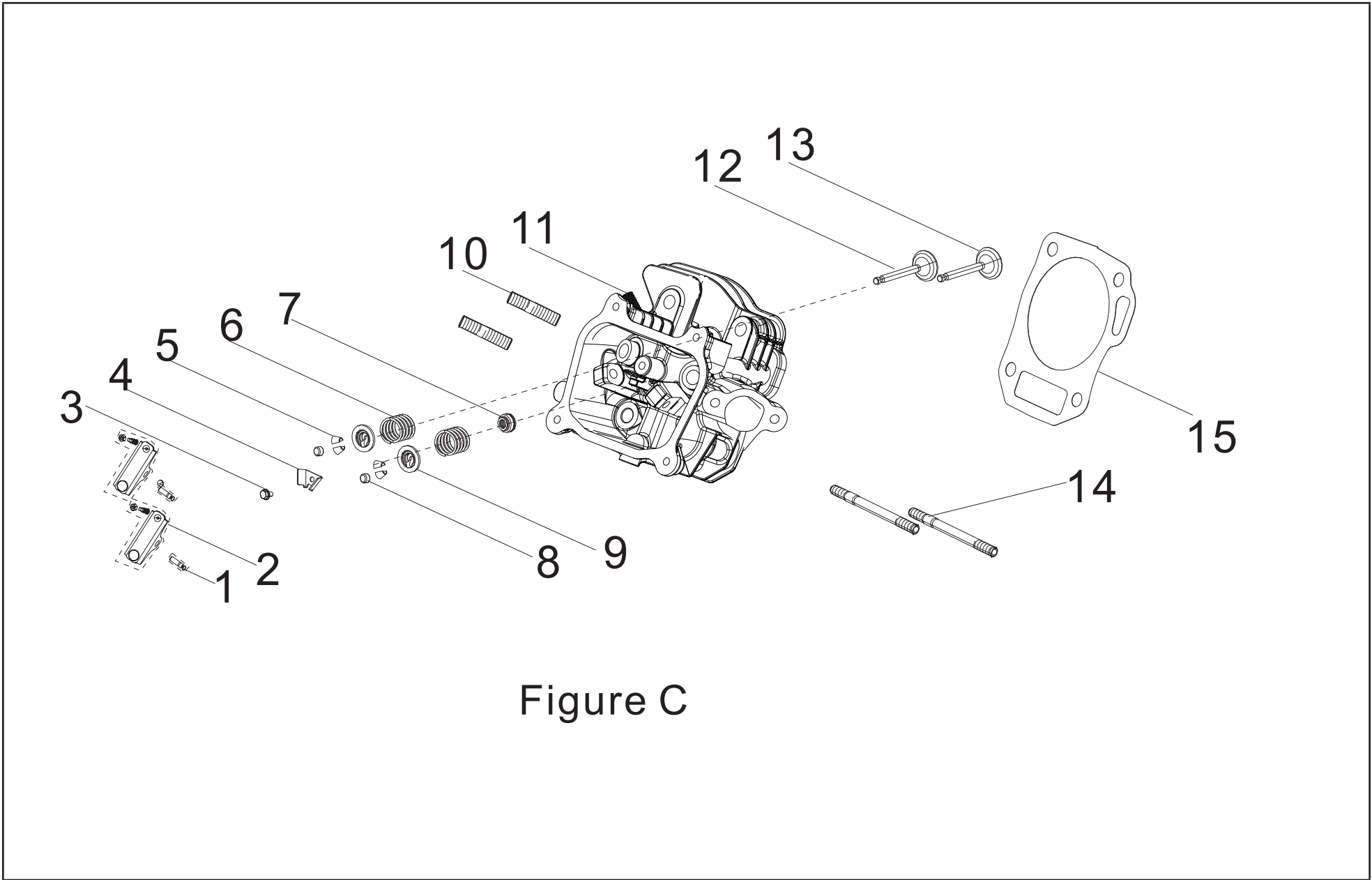


Figure C

## CYLINDER HEAD PARTS LIST

| #  | Part Number  | Description                              | Qty. |
|----|--------------|------------------------------------------|------|
| 1  | 14318-000007 | Rocker Shaft Assembly                    | 2    |
| 2  | 14310-000008 | Valve Rocker Assembly                    | 2    |
| 3  | 90001-000015 | Hexagon Flange Bolt, M6 x 10, White Zinc | 1    |
| 4  | 12419-000002 | Pin Stopper Plate, Cylinder Head Cover   | 1    |
| 5  | 12109-000004 | Valve Lock Clamp                         | 4    |
| 6  | 12103-000010 | Valve Spring                             | 2    |
| 7  | 12101-000006 | Seal Guide                               | 1    |
| 8  | 12104-000003 | Rotator, Valve                           | 2    |
| 9  | 12112-000008 | Valve Spring Retainer                    | 2    |
| 10 | 90203-000001 | Stud, M8 x 34, Black Zinc                | 2    |
| 11 | 12140-000012 | Cylinder Head Subassembly                | 1    |
| 12 | 12121-000009 | Exhaust Valve                            | 1    |
| 13 | 12111-000008 | Inlet Valve                              | 1    |
| 14 | 90204-000001 | Stud, M6 x 96, Black Zinc                | 2    |
| 15 | 12131-000009 | Cylinder Head Gasket                     | 1    |

CARBURETOR PARTS DIAGRAM

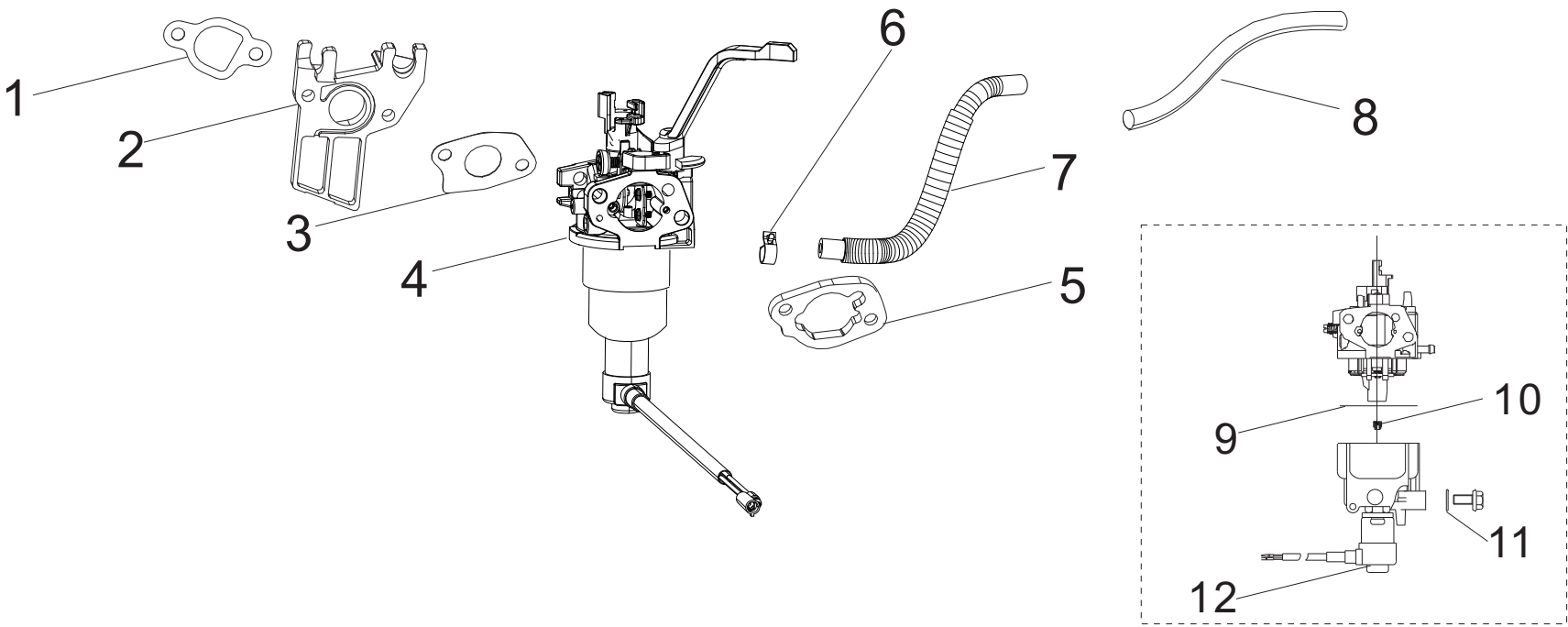


Figure D

## CARBURETOR PARTS LIST

| #  | Part Number  | Description                             | Qty. |
|----|--------------|-----------------------------------------|------|
| 1  | 16002-000006 | Carburetor Insulator Gasket             | 1    |
| 2  | 16003-000016 | Carburetor Insulator Plate              | 1    |
| 3  | 16001-000001 | Carburetor Gasket                       | 1    |
| 4  | 16100-000049 | Carburetor Assembly                     | 1    |
| 5  | 17001-000002 | Air Cleaner Gasket                      | 1    |
| 6  | 90685-000002 | Clamp, Ø9 x Ø0.8 x 8                    | 1    |
| 7  | 90686-000046 | Fuel Tube, Ø4 x Ø10 x 415               | 1    |
| 8  | 30431-000020 | Rubber Sleeve, Ø13 x Ø11.5 x 150        | 1    |
| 9  | 16112-000001 | Seal Ring, Float                        | 1    |
| 10 | 16161-000029 | Main Jet (78#), Standard                | 1    |
|    | 16161-000026 | Main Jet (76#), Altitude 3000-6000 Feet | /    |
|    | 16161-000024 | Main Jet (74#), Altitude 6000-8000 Feet | /    |
| 11 | 90681-000003 | Seal Ring                               | 1    |
| 12 | 16108-000001 | Valve, Solenoid                         | 1    |

ALTERNATOR PARTS DIAGRAM

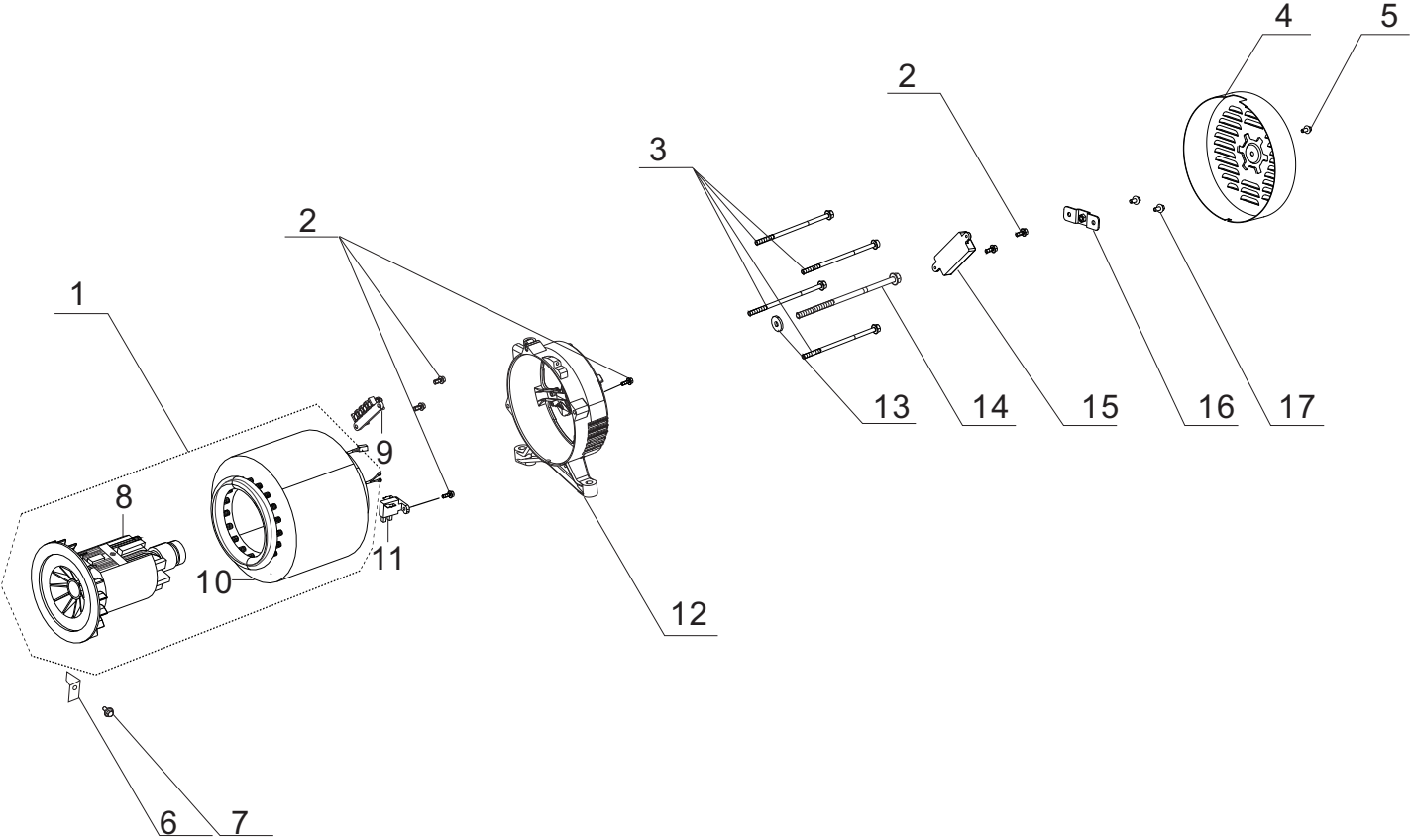


Figure E

## ALTERNATOR PARTS LIST

| #  | Part Number  | Description                              | Qty. |
|----|--------------|------------------------------------------|------|
| 1  | 31300-000022 | Alternator Assembly, AL, Ø160 x 130      | 1    |
| 2  | 90001-000007 | Hexagon Flange Bolt, M5 x 16, Black Zinc | 6    |
| 3  | 30048-000005 | Bolt, M6 x 174, Stator, White Zinc       | 4    |
| 4  | 30022-000007 | Cover, End Housing, PMS 109C             | 1    |
| 5  | 90007-000001 | Hexagon Flange Bolt, M5 x 8, Black Zinc  | 1    |
| 6  | 30023-000001 | Stopper, Motor Right Cover, White Zinc   | 1    |
| 7  | 90001-000019 | Hexagon Flange Bolt, M6 x 12, Black Zinc | 1    |
| 8  | 31330-000011 | Rotor, AL, Ø160 x 130                    | 1    |
| 9  | 31303-000001 | Terminal Block                           | 1    |
| 10 | 31310-000012 | Stator Assembly, AL, Ø160 x 130          | 1    |
| 11 | 31320-000001 | Carbon Brush Subassembly                 | 1    |
| 12 | 30021-000004 | End Housing                              | 1    |
| 13 | 90408-000009 | Flat Washer, Black Zinc                  | 1    |
| 14 | 30049-000005 | Bolt, M8 x 230, Rotor, White Zinc        | 1    |
| 15 | 30060-000009 | AVR                                      | 1    |
| 16 | 51124-000001 | Mounting Bracket, White Zinc             | 1    |
| 17 | 90005-000003 | Hexagon Flange Bolt, M5 x 12, White Zinc | 2    |

FUEL TANK PARTS DIAGRAM

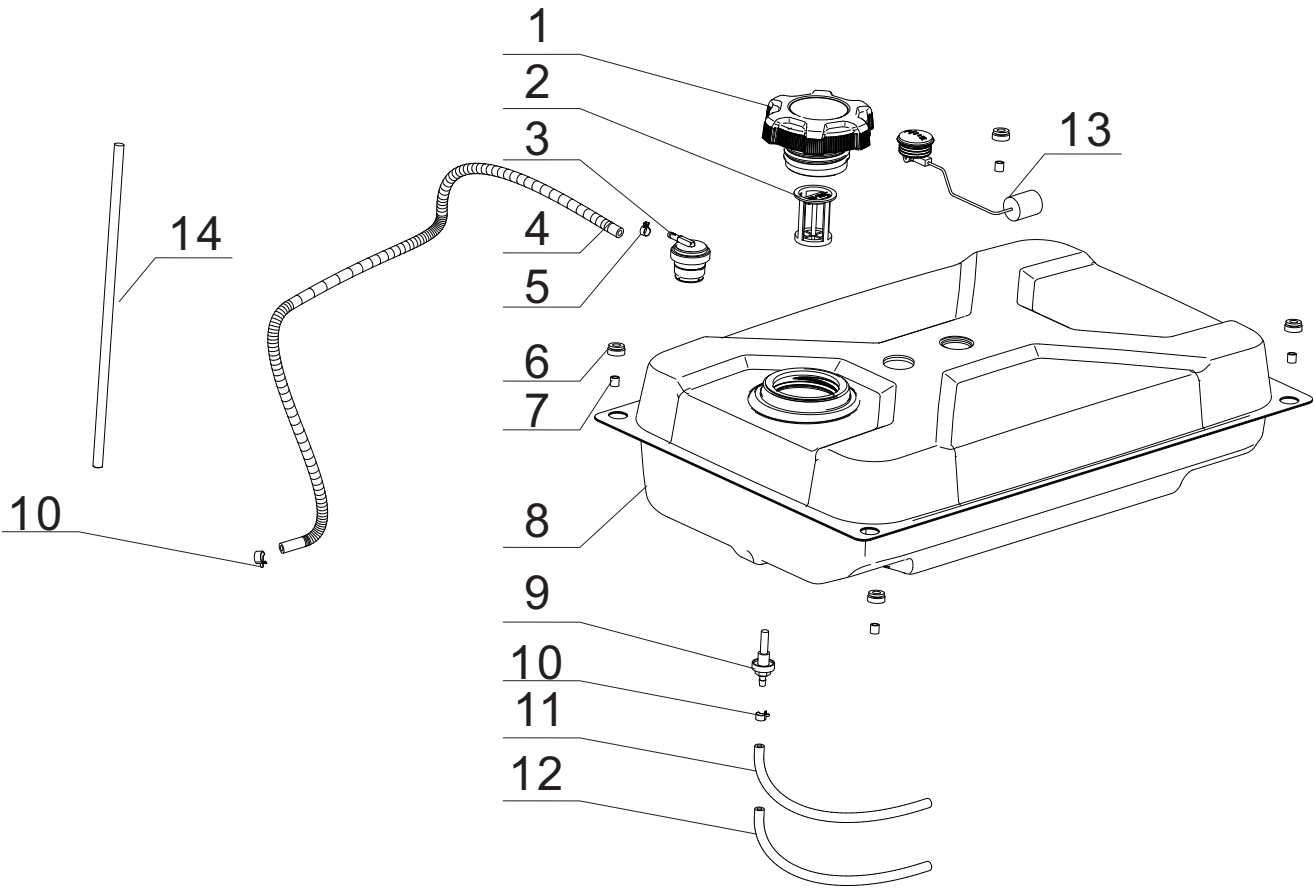


Figure F

## FUEL TANK PARTS LIST

| #  | Part Number  | Description                               | Qty. |
|----|--------------|-------------------------------------------|------|
| 1  | 16730-000010 | Fuel Tank Cap                             | 1    |
| 2  | 16652-000009 | Fuel Filter                               | 1    |
| 3  | 15150-000003 | One Way Valve                             | 1    |
| 4  | 16804-000002 | Tube, Ø4.5 x Ø8.5 x 685                   | 1    |
| 5  | 90740-000005 | Clamp, Ø9                                 | 1    |
| 6  | 16601-000002 | Rubber Sleeve, Vibration Mount, Fuel Tank | 4    |
| 7  | 90683-000002 | Bushing, White Zinc                       | 4    |
| 8  | 16620-000014 | Fuel Tank, PMS 109C                       | 1    |
| 9  | 16680-000002 | Fitting, Fuel Tank                        | 1    |
| 10 | 90685-000010 | Clamp, Ø10.5x8x0.8, Black Zinc            | 2    |
| 11 | 90686-000020 | Tube, Ø4 x Ø10 x 250                      | 1    |
| 12 | 30431-000019 | Rubber Sleeve, Ø13 x Ø11.5x 180           | 1    |
| 13 | 37200-000012 | Fuel Gauge                                | 1    |
| 14 | 30431-000013 | Rubber Sleeve, Ø9.5 x Ø11 x 150           | 1    |

CONTROL PANEL PARTS DIAGRAM

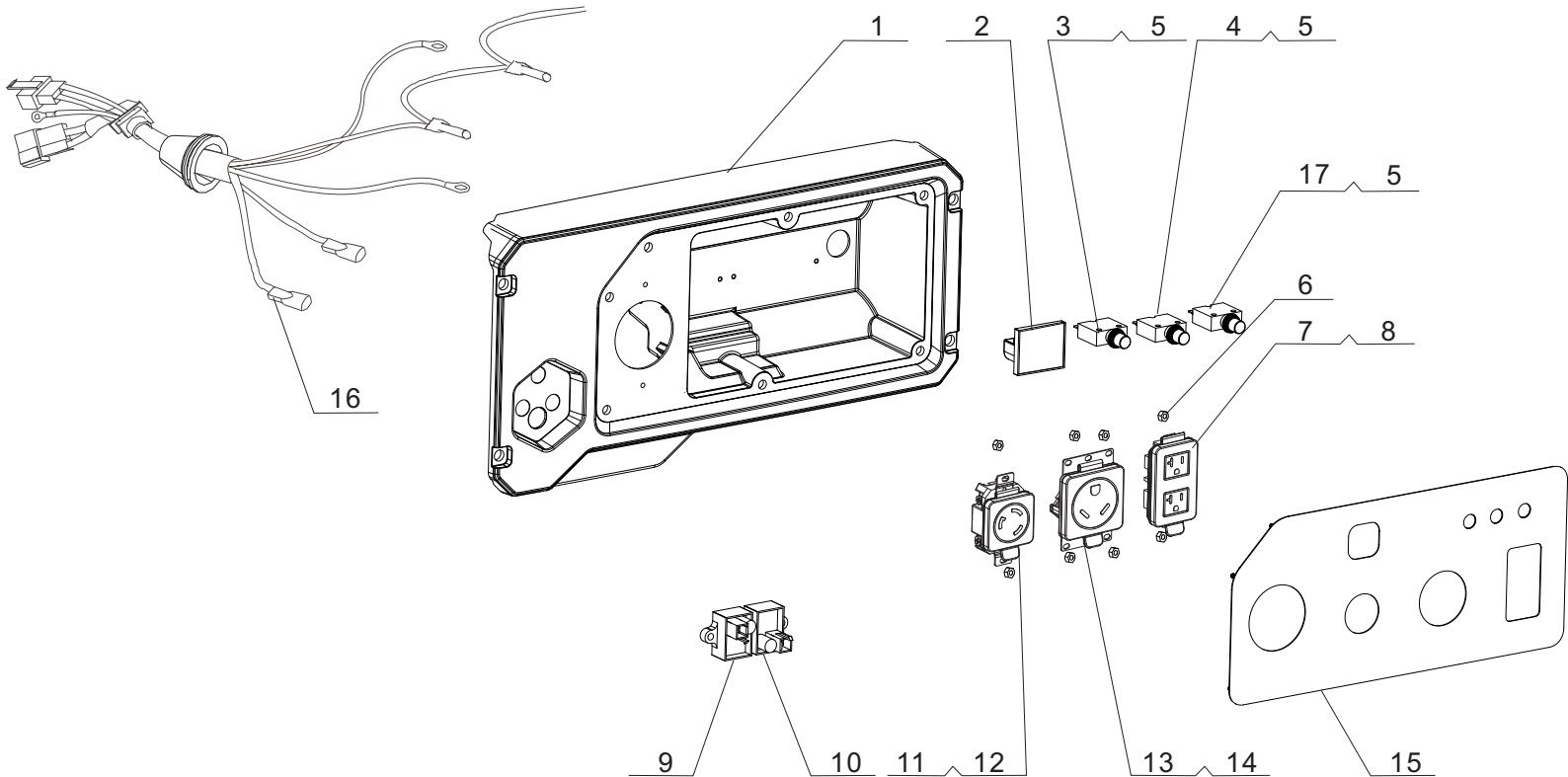


Figure G

## CONTROL PANEL PARTS LIST

| #  | Part Number  | Description                           | Qty. |
|----|--------------|---------------------------------------|------|
| 1  | 35680-000020 | Control Panel Housing                 | 1    |
| 2  | 35632-000012 | Intelliguage, INT10F                  | 1    |
| 3  | 31234-000012 | 35Amp Circuit Breaker, Push Button    | 1    |
| 4  | 31234-000007 | 30Amp Circuit Breaker, Push Button    | 1    |
| 5  | 35654-000005 | Cover, Push Button                    | 3    |
| 6  | 90305-000002 | Hexagon Flange Nut, M6, White Zinc    | 8    |
| 7  | 35654-000013 | Receptacle Cover, 5-20R               | 1    |
| 8  | 35614-000017 | 5-20R Receptacle, 20A, 125V           | 1    |
| 9  | 30008-000003 | Control Module, Ignition Coil, OV0402 | 1    |
| 10 | 30008-000006 | Control Module, Carburator, EV02      | 1    |
| 11 | 35654-000009 | Receptacle Cover, L5-30R              | 1    |
| 12 | 35614-000005 | L5-30R Receptacle, 30A,125V           | 1    |
| 13 | 35654-000011 | Receptacle Cover, TT-30R              | 1    |
| 14 | 35614-000007 | TT-30R Receptacle, 30A, 125V          | 1    |
| 15 | 35650-000036 | Control Panel                         | 1    |
| 16 | 35660-000040 | Wire Harness, Control Panel           | 1    |
| 17 | 31234-000003 | 20Amp Circuit Breaker, Push Button    | 1    |

FRAME ASSEMBLY PARTS DIAGRAM

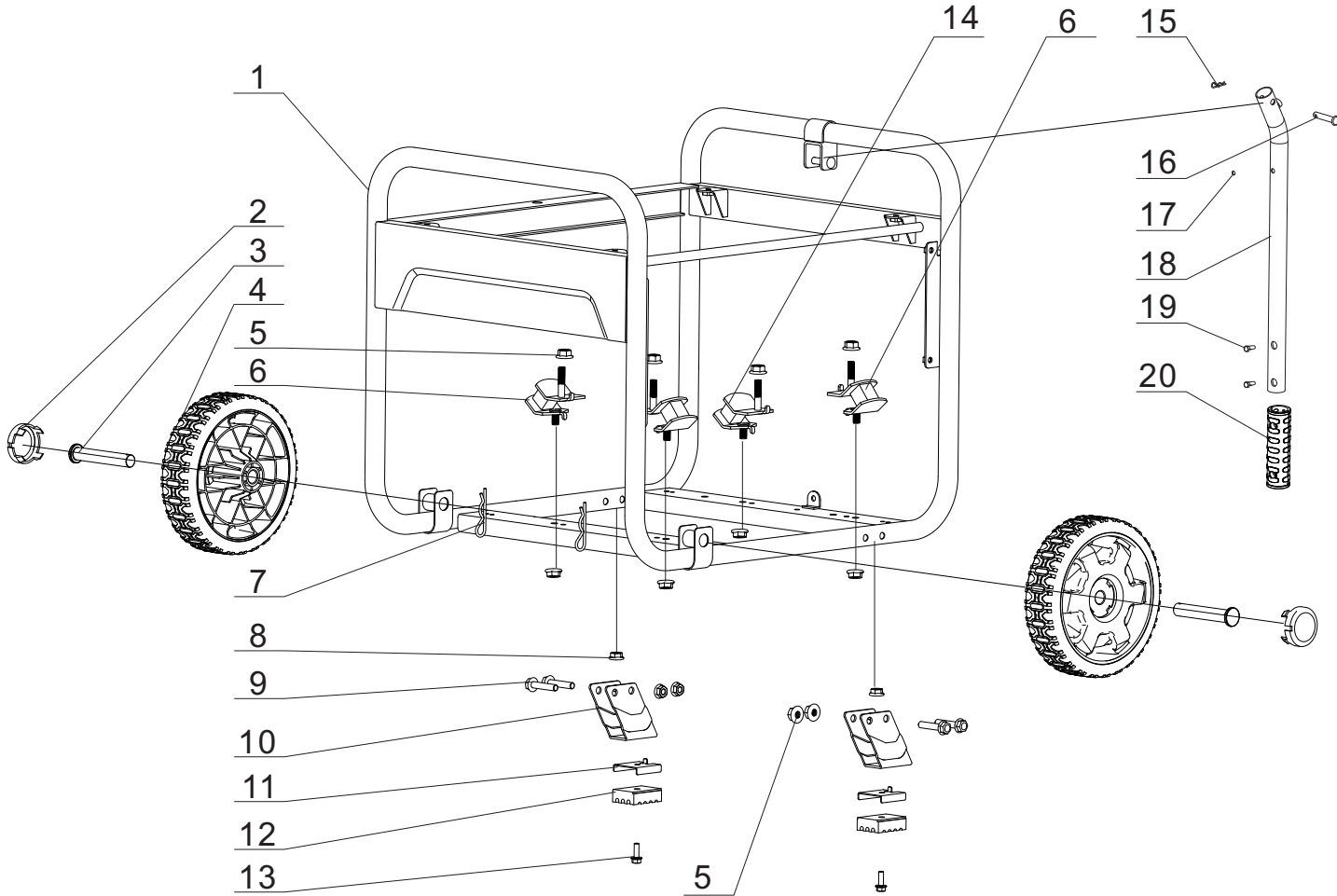


Figure H

## FRAME ASSEMBLY PARTS LIST

| #  | Part Number  | Description                              | Qty. |
|----|--------------|------------------------------------------|------|
| 1  | 51100-000046 | Frame                                    | 1    |
| 2  | 44001-000003 | Cover, Hub Decorated, PMS 109C           | 2    |
| 3  | 44020-000003 | Roll Pin, Ø16 x 89.5 x 98, Black Zinc    | 2    |
| 4  | 44110-000002 | 8in, Wheel                               | 2    |
| 5  | 90305-000011 | Hexagon Flange Nut, M8, Black Zinc       | 12   |
| 6  | 51005-000002 | Vibration Mount 1, Frame                 | 2    |
| 7  | 90501-000004 | Pin, Black Zinc                          | 2    |
| 8  | 90305-000006 | Hexagon Flange Nut, M6, Black Zinc       | 2    |
| 9  | 90001-000051 | Hexagon Flange Bolt, M8 x 40, Black Zinc | 4    |
| 10 | 51016-000009 | Support Leg, Frame                       | 2    |
| 11 | 24329-000008 | Bracket, Anti-Rotation                   | 2    |
| 12 | 51014-000017 | Vibration Mount 1, Support Leg           | 2    |
| 13 | 90001-000025 | Hexagon Flange Bolt, M6 x 20, Black Zinc | 2    |
| 14 | 51011-000001 | Vibration Mount 2, Frame                 | 2    |
| 15 | 90583-000001 | R Pin, Ø2 x 35, Black Zinc               | 1    |
| 16 | 90504-000003 | Pin Shaft, Ø8 x 40                       | 1    |
| 17 | 90722-000006 | Plug, Handle                             | 1    |
| 18 | 54110-000006 | Handle, Ø25 x 1.2                        | 1    |
| 19 | 90103-000007 | Screw, M4 x 16, Black Zinc               | 2    |
| 20 | 54101-000001 | Grip, Handle                             | 1    |

WIRING DIAGRAM

