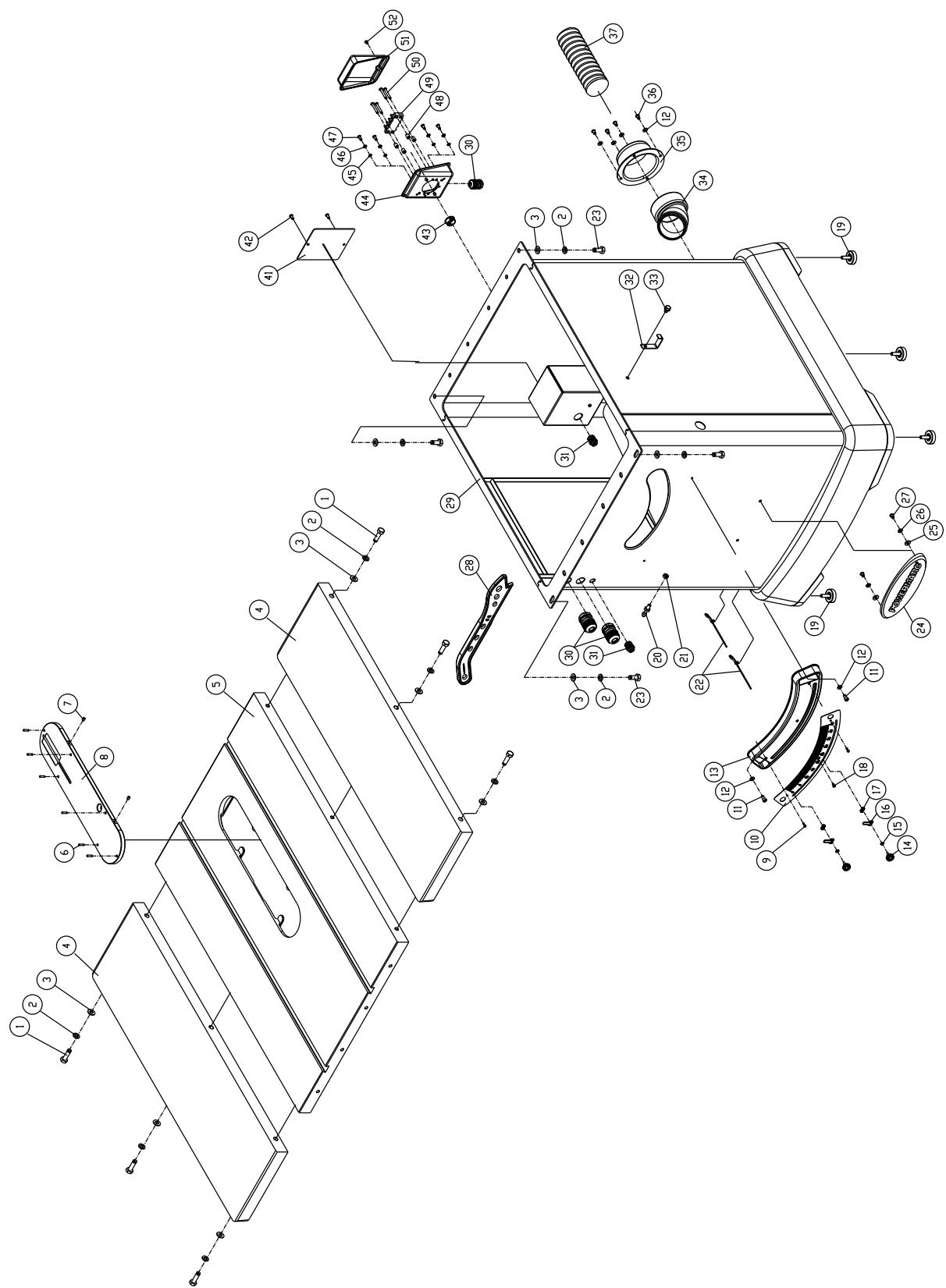


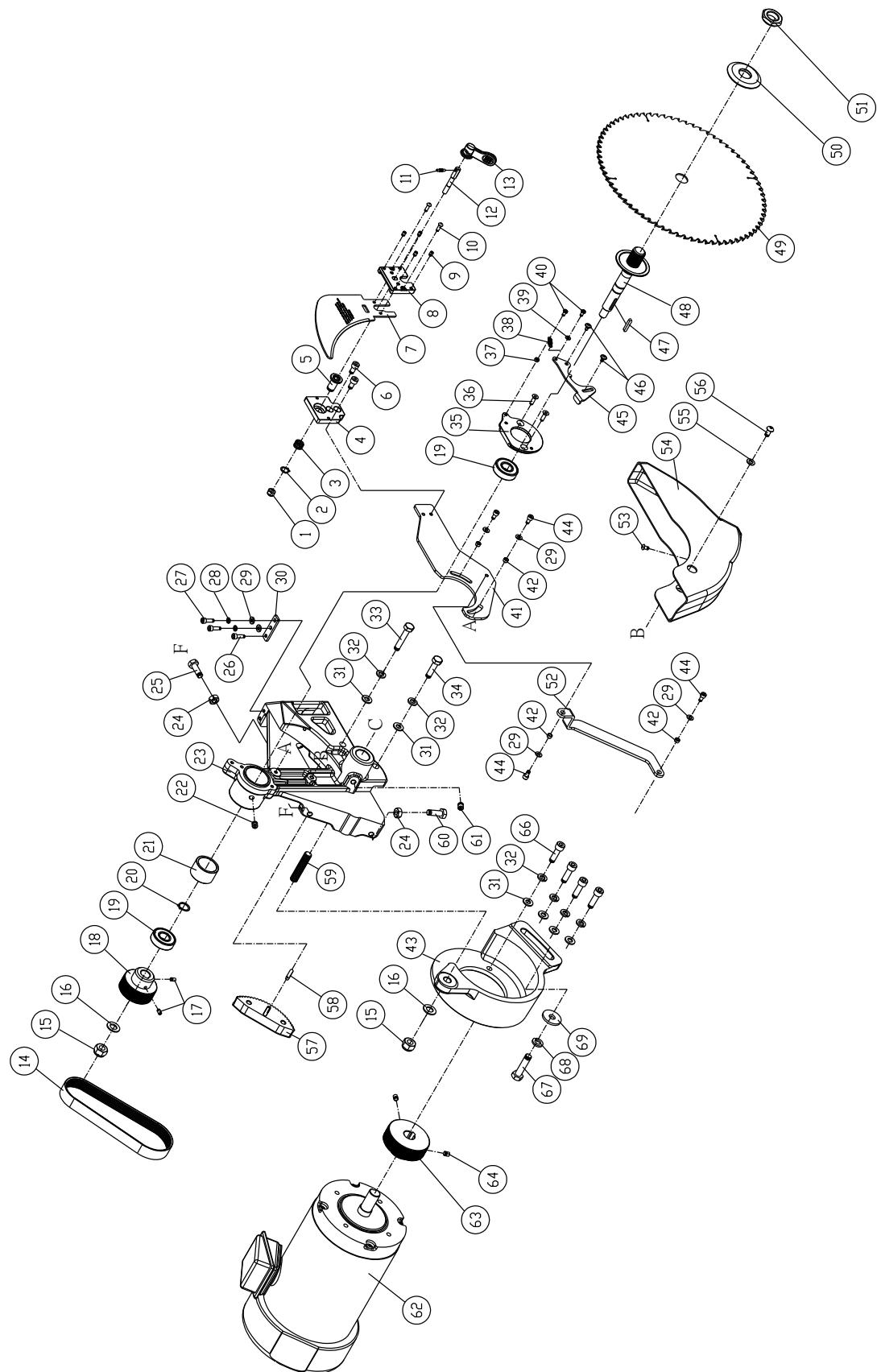
14.1.1 PM3000B Table and Cabinet Assembly – Exploded View



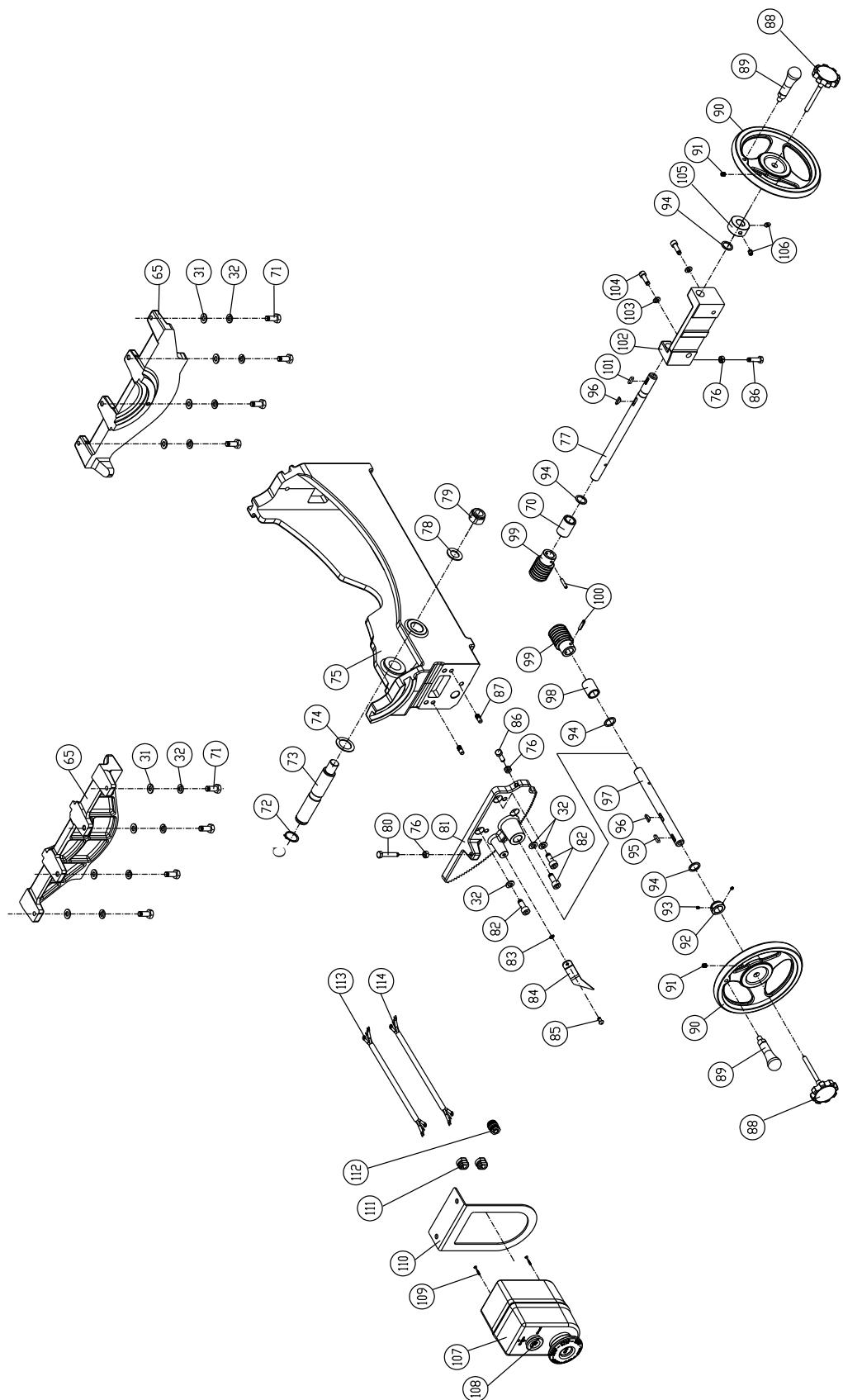
14.1.2 PM3000B Table and Cabinet Assembly – Parts List

| Index No | Part No | Description | Size | Qty |
|----------|----------------|--|------------------------|---------|
| 1 | TS-149105 | Hex Cap Screw..... | M10-1.5 x 35L | 6 |
| 2 | TS-2361101 | Lock Washer..... | M10 | 10 |
| 3 | TS-1550071 | Flat Washer | 10 x 20 x 2.0T | 10 |
| 4 | PM3000B-104 | Extension Table..... | ..... | 2 |
| 5 | PM3000B-105 | Table..... | ..... | 1 |
| 6 | F010395L | Soc Set Screw CPP w/thrdlckr..... | M5-0.8 x 12L | 6 |
| 7 | PM2000B-107 | Plunger ..... | ..... | 2 |
| 8 | PM3000B-108 | Table Insert..... | ..... | 1 |
| | PM3000B-108TIA | Table Insert Assembly (includes #6,7,8)..... | ..... | 1 |
| 9 | PM2000B-109 | Phillips Socket HD Tapping Screw | M4-1.41P x 12L | 2 |
| 10 | PM2000B-110 | Tilt Angle Scale..... | ..... | 1 |
| 11 | TS-1503031 | Socket Head Cap Screw | M6-1.0 x 12L | 2 |
| 12 | TS-1550041 | Flat Washer | 6.2 x 13 x 1.5T | 6 |
| 13 | PM3000B-113 | Scale Base ..... | ..... | 1 |
| 14 | PM2000B-114 | Angle Reference Knob ..... | ..... | 2 |
| 15 | TS-1550031 | Flat Washer | 5.2 x 10 x 1.0T | 2 |
| 16 | PM2000B-116 | Specific Angle Reference ..... | ..... | 2 |
| 17 | PM2000B-117 | Special Nut ..... | ..... | 2 |
| 18 | PM2000B-118 | Phillips Flat HD Tapping Screw | M4-1.41P x 10L | 1 |
| 19 | PM2000B-134 | Leveling Foot ..... | ..... | 4 |
| 20 | PM2000B-127 | Peg ..... | ..... | 1 |
| 21 | TS-2311081 | Hex Nut..... | M8-1.25 | 1 |
| 22 | PM2000B-129 | Cable Tie ..... | ..... | 2 |
| 23 | TS-1491031 | Hex Cap Screw..... | M10-1.5 x 25L | 4 |
| 24 | PM2000B-130 | Powermatic Logo ..... | ..... | 1 |
| 25 | TS-1550041 | Flat Washer | 6.7 x 16 x 2.0T | 2 |
| 26 | TS-0720071 | Lock Washer..... | 1/4" | 2 |
| 27 | PM2000B-133 | Phillips Round HD Machine Screw | 1/4"-20UNC x 3/8"L.... | 2 |
| 28 | PM2000B-126 | Push Stick..... | ..... | 1 |
| 29 | PM3000B-129 | Cabinet ..... | ..... | 1 |
| 30 | PM2000B-148A | Strain Relief | MG25A-18B | 3 |
| 31 | PM2000B-1123 | Strain Relief | MGB16-10B | 2 |
| 32 | PM2000B-136 | Hanger ..... | ..... | 1 |
| 33 | PM2000B-137 | Hex Cap Screw w/Flat Washer | M8-1.25 x 12L | 1 |
| 34 | PM2000B-138 | Dust Chute Adaptor ..... | ..... | 1 |
| 35 | PM2000B-139 | Dust Port..... | ..... | 1 |
| 36 | TS-2246122 | Socket Head Button Screw | M6-1.0 x 12L | 4 |
| 37 | PM3000B-137 | Dust Hose ..... | ..... | 1 |
| 41 | PM2000B-1127 | Transformer Box Cover ..... | ..... | 1 |
| 42 | F009884 | Socket Head Button Screw..... | M5-0.8 x 8L | 2 |
| 43 | PM2000B-143 | Grommet ..... | ..... | 1 |
| 44 | PM2000B-144 | Terminal Box ..... | ..... | 1 |
| 45 | F002097 | Lock Washer, Ext Tooth | M5 | 4 |
| 46 | TS-1550031 | Flat Washer | 5.3 x 10 x 2.0T | 4 |
| 47 | TS-1533042 | Phillips Pan HD Machine Screw | M5-0.8 x 12L | 4 |
| 48 | PM2000B-149 | Spacer ..... | ..... | 4 |
| 49 | PM2000B-150 | Terminal Plate ..... | ..... | 1 |
| 50 | F001221 | Phillips Pan HD Machine Screw | M5-0.8 x 35L | 4 |
| 51 | PM2000B-152 | Terminal Box Cover ..... | ..... | 1 |
| 52 | F000648 | Phillips Pan HD Machine Screw | #10-24UNC x 1/4"L.... | 1 |
| 53 | PM2000B-1129 | Fuse | 2A x 250V | 2 |
| | LM000304 | Warning Label ..... | ..... | 1 |
| | LM000306RU | ID Label, PM3000B (not shown)..... | ..... | 1 |
| | CL-HV | Caution Label - High Voltage ..... | ..... | 2 |
| | PM2000B-1133 | Black Stripe..... | 1" W | per ft. |

14.2.1 PM3000B Motor and Trunnion Assembly I – Exploded View



14.2.2 PM3000B Motor and Trunnion Assembly II – Exploded View

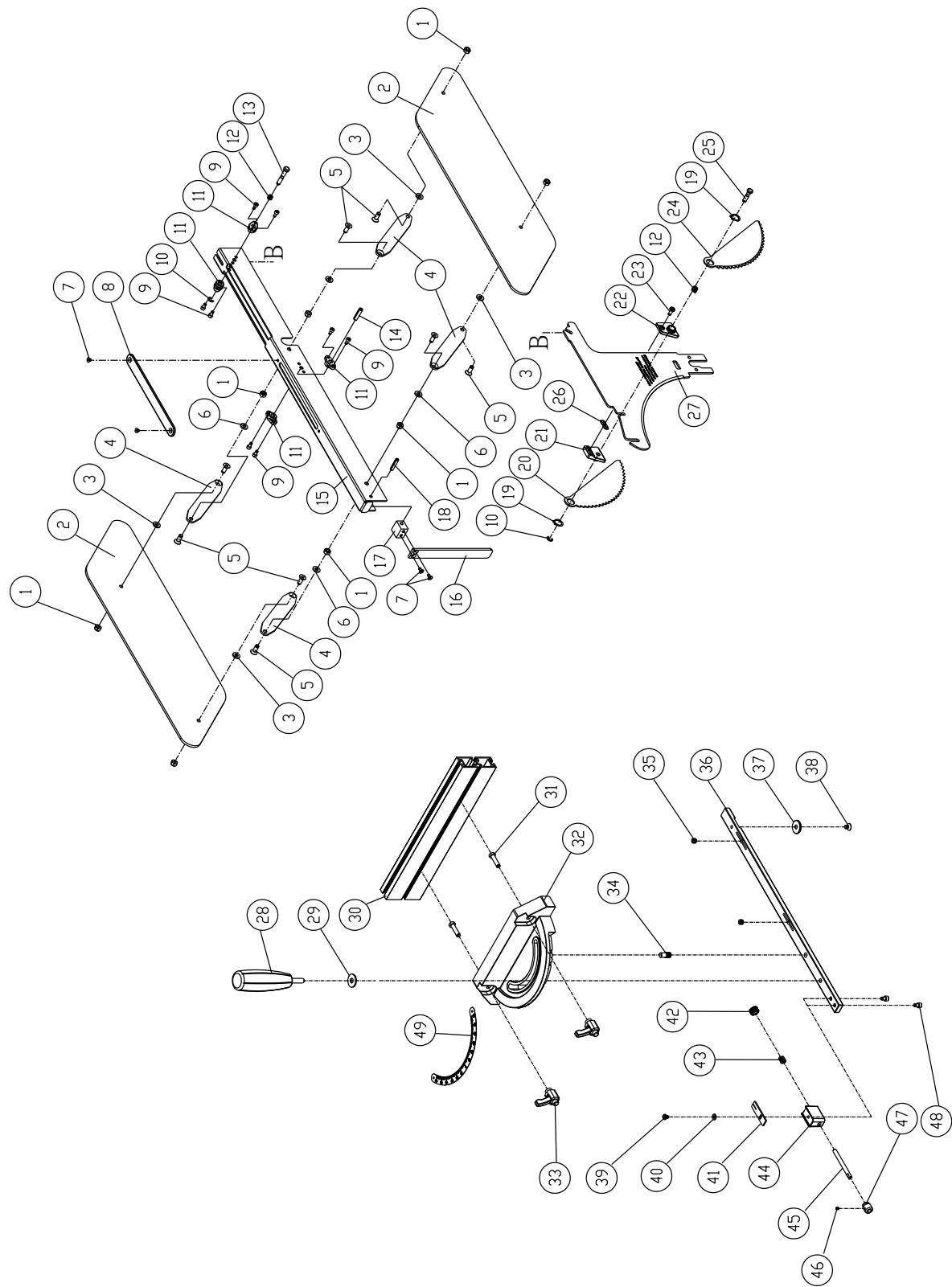


14.2.3 PM3000B Motor and Trunnion Assembly – Parts List

| Index No | Part No | Description | Size | Qty |
|----------|---------------|--------------------------------------|-----------------------|-----|
| 1 | TS-1541031 | Nylon Lock Hex Nut..... | M8-1.25..... | 1 |
| 2 | F006042 | C-Retaining Ring, Ext..... | STW-14..... | 1 |
| 3 | PM2000B-203 | Compression Spring..... | ..... | 1 |
| 4 | PM2000B-204 | Riving Knife Fixed Base ..... | ..... | 1 |
| 5 | PM2000B-205 | Clamping Block..... | ..... | 1 |
| 6 | TS-1504031 | Socket Head Cap Screw | M8-1.25 x 16L..... | 2 |
| 7 | PM3000B-207 | Low Profile Riving Knife..... | 0.12"(3mm) thk | 1 |
| 8 | PM2000B-208 | Riving Knife Movable Base..... | ..... | 1 |
| 9 | TS-2276081 | Socket Set Screw | M6-1.0 x 8L..... | 4 |
| 10 | TS-2245162 | Socket Head Button Screw..... | M5-0.8 x 16L..... | 2 |
| 11 | PM2000B-211 | Solid Pin..... | ..... | 1 |
| 12 | PM2000B-212 | Shaft ..... | ..... | 1 |
| 13 | PM2000B-213 | Lever..... | ..... | 1 |
| 14 | VB-270J12 | Poly-V Belt..... | 270J-12..... | 1 |
| 15 | TS-2342141 | Nylon Lock Hex Nut..... | M14-2.0..... | 2 |
| 16 | TS-155009 | Flat Washer | 14.2 x 26 x 2T..... | 2 |
| 17 | F010401L | Soc Set Scrw CPP w/thrdlckr | M6-1.0 x 8L..... | 2 |
| 18 | PM3000B-218 | Arbor Pulley ..... | ..... | 1 |
| 19 | BB-6204VV | Ball Bearing | 6204VV..... | 2 |
| 20 | F006047 | C-Retaining Ring, Ext..... | STW-20..... | 1 |
| 21 | PM2000B-221 | Bushing..... | ..... | 1 |
| 22 | F010414L | Soc Set Screw CPP w/thrdlckr | M10-1.5 x 10L..... | 1 |
| 23 | PM3000B-223 | Bearing Arm..... | ..... | 1 |
| 24 | TS-2311101 | Hex Nut..... | M10-1.5..... | 2 |
| 25 | TS-149105 | Hex Cap Screw..... | M10-1.5 x 35L..... | 1 |
| 26 | F005382L | Soc Hd Cap Screw w/thrdlckr | M6-1.0 x 16L..... | 1 |
| 27 | TS-1503041 | Socket Head Cap Screw | M6-1.0 x 16L..... | 2 |
| 28 | TS-2361061 | Lock Washer..... | M6..... | 2 |
| 29 | TS-1550041 | Flat Washer | 6.3 x 13 x 1.0T | 6 |
| 30 | PM3000B-230 | Belt Tension Plate ..... | ..... | 1 |
| 31 | TS-1550071 | Flat Washer | 10 x 20 x 2.0T | 14 |
| 32 | TS-2361101 | Lock Washer..... | M10..... | 17 |
| 33 | JTS315PST-08 | Hex Cap Screw..... | M10-1.5 x 55L..... | 1 |
| 34 | TS-1491061 | Hex Cap Screw..... | M10-1.5 x 40L..... | 1 |
| 35 | PM2000B-228 | Fixed Plate ..... | ..... | 1 |
| 36 | TS-2286201 | Phillips Flat HD Machine Screw | M6-1.0 x 20L..... | 2 |
| 37 | TS-1540031 | Hex Nut | M5-0.8..... | 1 |
| 38 | PM2000B-231 | Tension Spring ..... | ..... | 1 |
| 39 | TS-1550031 | Flat Washer | 5.3 x 10 x 2.0T | 1 |
| 40 | F001208L | Pan HD Mach Scrw w/thrdlckr | M5-0.8 x 8L..... | 2 |
| 41 | PM3000B-241 | Riving Knife Extension Plate ..... | ..... | 1 |
| 42 | PM2000B-235 | Bushing..... | ..... | 4 |
| 43 | PM2000B-256 | Motor Rotation Bracket ..... | ..... | 1 |
| 44 | F005267L | Soc Hd Cap Screw w/thrdlckr | M6-1.0 x 12L..... | 4 |
| 45 | PM2000B-238 | Spindle Lock ..... | ..... | 1 |
| 46 | PM2000B-239 | Shoulder Screw ..... | ..... | 2 |
| 47 | 6291479 | Flat Key, Dbl Rd Hd | 5 x 5 x 30mm | 1 |
| 48 | PM3000B-248 | Arbor ..... | ..... | 1 |
| 49 | PM3000B-249 | Saw Blade ..... | ..... | 1 |
| 50 | PM3000B-250 | Flange ..... | ..... | 1 |
| | PM3000B-250RU | Flange (not shown) | I.D.30mm | 1 |
| 51 | PM3000B-251 | Nut ..... | ..... | 1 |
| 52 | PM3000B-252 | Link ..... | ..... | 1 |
| 53 | F009893L | Soc Hd Button Screw w/thrdlckr | M6-1.0 x 10L..... | 1 |
| 54 | PM3000B-254 | Dust Chute ..... | ..... | 1 |
| 55 | TS-1550061 | Flat Washer | 8.5 x 16 x 1.5T | 1 |
| 56 | TS-2248162 | Socket Head Button Screw | M8-1.25 x 16L..... | 1 |
| 57 | PM2000B-250 | Elevation Gear Block ..... | ..... | 1 |
| 58 | DT45-110 | Flat Key, Dbl Rd Hd | 6 x 6 x 30mm | 1 |
| 59 | PM2000B-252 | Socket Set Screw | M14-2.0P x 70L | 1 |

| Index No | Part No | Description | Size | Qty |
|-----------------|----------------|--|------------------------------|------------|
| 60 | TS-2210451 | Hex Cap Screw..... | M10-1.5 x 45L | 1 |
| 61 | F010418L | Soc Set Screw CPP w/thrdlckr | M10-1.5 x 25L | 1 |
| 62 | PM3000B-262E | Motor..... | 7.5HP 400V 50Hz 3PH | 1 |
| | PM2000B-260AF | Fan..... | ..... | 1 |
| | PM2000B-260AFC | Fan Cover..... | ..... | 1 |
| | LM000319E | Motor Label, PM3000B (7.5HP 3Ph) ..... | ..... | 1 |
| 63 | PM3000B-263E | Motor Pulley (for 50Hz)..... | O.D.103mm | 1 |
| 64 | PM2000B-262 | Soc Set Screw CPP w/thrdlckr | M8-1.25 x 20L | 2 |
| 65 | PM2000B-264 | Trunnion..... | ..... | 2 |
| 66 | TS-1505051 | Socket Head Cap Screw | M10-1.5 x 35L | 4 |
| 67 | TS-1492051 | Hex Cap Screw..... | M12-1.75 x 50L | 1 |
| 68 | TS-2361121 | Lock Washer..... | M12 | 1 |
| 69 | PM2000B-259 | Flat Washer | 13 x 28 x 3.0T | 1 |
| 70 | PM3000B-270 | Spacer ..... | ..... | 1 |
| 71 | TS-1491031 | Hex Cap Screw..... | M10-1.5x25L | 8 |
| 72 | F006051 | C-Retaining Ring, Ext | STW-28 | 1 |
| 73 | PM2000B-266 | Shaft ..... | ..... | 1 |
| 74 | PM2000B-267 | Nylon Washer ..... | ..... | 1 |
| 75 | PM3000B-275 | Center Trunnion..... | ..... | 1 |
| 76 | TS-2311081 | Hex Nut..... | M8-1.25 | 3 |
| 77 | PM3000B-277 | Tilt Hand Wheel Shaft..... | ..... | 1 |
| 78 | PM2000B-271 | Flat Washer | 21 x 38 x 3T | 1 |
| 79 | PM2000B-272 | Nylon Lock Hex Nut | M20-1.5 | 1 |
| 80 | TS-1490081 | Hex Cap Screw..... | M8-1.25 x 45L | 1 |
| 81 | PM2000B-274 | Tilt Gear Block ..... | ..... | 1 |
| 82 | TS-1505031 | Socket Head Cap Screw | M10-1.5 x 25L | 3 |
| 83 | JWBS10OS-107 | Lock Washer Ext Tooth | M6 | 1 |
| 84 | PM3000B-284 | Angle Pointer ..... | ..... | 1 |
| 85 | TS-2246122 | Socket Head Button Screw..... | M6-1.0 x 12L | 1 |
| 86 | TS-1490051 | Hex Cap Screw..... | M8-1.25 x 30L | 2 |
| 87 | PM2000B-280 | Roll Pin ..... | ..... | 2 |
| 88 | PM2000B-281 | Locking Knob ..... | ..... | 2 |
| 89 | PM2000B-282 | Handle ..... | ..... | 2 |
| 90 | PM2000B-283 | Handwheel..... | ..... | 2 |
| 91 | F010052L | Soc Set Screw CPP w/thrdlckr | 5/16"-18UNC x 5/16" | 2 |
| 92 | PM2000B-285 | Collar ..... | ..... | 1 |
| 93 | F010449L | Soc Set Screw CPP w/thrdlckr | M5-0.8 x 5L | 2 |
| 94 | PM2000B-287 | Nylon Washer | 19.1 x 25.4 x 1.6T | 4 |
| 95 | 5509207 | Flat Key, Dbl Rd Hd | 5 x 5 x 20 mm | 1 |
| 96 | PM2000B-289 | Woodruff Key ..... | ..... | 2 |
| 97 | PM2000B-290 | Elevation Hand Wheel Shaft..... | ..... | 1 |
| 98 | PM2000B-291 | Bushing..... | ..... | 1 |
| 99 | PM2000B-292 | Worm Shaft..... | ..... | 2 |
| 100 | F012076 | Roll Pin | 5 x 30 mm | 2 |
| 101 | 5783961 | Flat Key, Dbl Rd Hd | 5 x 5 x 18 mm | 1 |
| 102 | PM2000B-296 | Tilt Worm Shaft Base ..... | ..... | 1 |
| 103 | TS-2361081 | Lock Washer..... | M8 | 2 |
| 104 | TS-1504061 | Socket Head Cap Screw | M8-1.25 x 30L | 2 |
| 105 | PM2000B-2104 | Collar ..... | ..... | 1 |
| 106 | F010408L | Soc Set Screw CPP w/thrdlckr | M8-1.25 x 10L | 2 |
| 107 | PM3000B-2107E | Magnetic Switch Assembly..... | 7.5HP 400V 50Hz 3PH | 1 |
| | PM2000B-2107RU | Overload Relay | NTH15 | 1 |
| | PM3000B-2107C | Contactor | C-12D10 | 1 |
| 108 | PM2000B-2108 | Safety Key ..... | ..... | 1 |
| 109 | PM2000B-2116 | Phillips Pan HD Tapping Screw | M5-2.12 x 25 | 2 |
| 110 | PM2000B-2109 | Switch Plate ..... | ..... | 1 |
| 111 | PM2000B-2110A | Strain Relief | SR-8R3 | 2 |
| 112 | PM2000B-2111 | Strain Relief | MGB16-10B | 1 |
| 113 | PM3000B-2113 | Motor Cable..... | ST 12AWG x 4C x 1900mm | 1 |
| 114 | PM3000B-2114 | Power Cable..... | ST 12AWG x 4C x 2000mm | 1 |

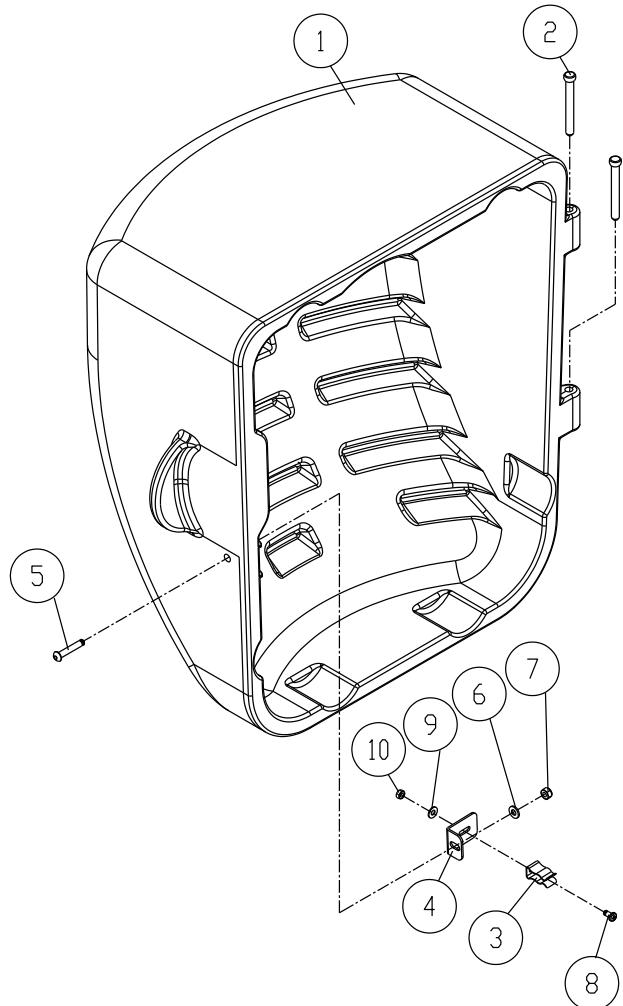
14.3.1 PM3000B Blade Guard and Miter Gauge Assemblies – Exploded View



14.3.2 PM3000B Blade Guard and Miter Gauge Assemblies – Parts List

| Index No | Part No | Description | Size | Qty |
|-----------------|----------------|--|-----------------|------------|
| | PM3000B-BGA | Blade Guard Assembly (includes #1 thru 18) | | 1 |
| 1 | TS-1541021 | Nylon Lock Hex Nut | M6-1.0 | 8 |
| 2 | PM3000B-302 | Blade Guard Side Shield | | 2 |
| 3 | PM2000B-303 | Flat Washer Thin | 6.7 x 16 x 1.0T | 4 |
| 4 | PM3000B-304 | Linkage | | 4 |
| 5 | TS-1534051 | Phillips Flat HD Machine Screw | M6-1.0 x 16L | 8 |
| 6 | TS-1550041 | Flat Washer | 6.7 x 16 x 2.0T | 4 |
| 7 | TS-2284081 | Phillips Flat HD Machine Screw | M4-0.7 x 8L | 4 |
| 8 | PM2000B-308 | Top Sight Shield | | 1 |
| 9 | F005350L | Socket Head Cap Screw w/threadlocker | M4-0.7 x 8L | 8 |
| 10 | F006087 | E-Retaining Ring | ETW-5 | 2 |
| 11 | PM2000B-311 | Lock Pin Bushing | | 4 |
| 12 | PM2000B-312 | Compression Spring | | 2 |
| 13 | PM2000B-313 | Riving Knife Lock Pin | | 1 |
| 14 | F012098 | Roll Pin | 6 x 25mm | 1 |
| 15 | PM3000B-315 | Blade Guard Body | | 1 |
| 16 | PM3000B-316 | Front Shield | | 1 |
| 17 | PM3000B-317 | Front Shield Holder | | 1 |
| 18 | F012099 | Roll Pin | 5 x 26mm | 1 |
| | PM3000B-APA | Anti-Kickback Pawl Assembly (includes #10, 12, 19 thru 26) | | 1 |
| 19 | F006042 | C-Retaining Ring, Ext | STW-14 | 2 |
| 20 | PM3000B-320 | Left Anti-Kickback Pawl | | 1 |
| 21 | PM2000B-320 | Left Pawl Base | | 1 |
| 22 | PM2000B-321 | Right Pawl Base | | 1 |
| 23 | TS-1533042 | Phillips Pan HD Machine Screw | M5 x 0.8P x 12L | 1 |
| 24 | PM3000B-324 | Right Anti-Kickback Pawl | | 1 |
| 25 | PM2000B-324 | Anti-Kickback Pawl Lock Pin | | 1 |
| 26 | PM3000B-326 | Spacer | | 1 |
| 27 | PM3000B-327 | Riving Knife | 0.12" (3mm) thk | 1 |
| | PM2000B-MGA | Miter Gauge Assembly (includes #28 thru 49) | | 1 |
| 28 | PM2000B-326 | Knob | | 1 |
| 29 | TS-1550061 | Flat Washer | 8.5 x 23 x 2.0T | 1 |
| 30 | PM2000B-328 | Fence | | 1 |
| 31 | TS-0050051 | Hex Cap Screw | 1/4-20UNC x 1" | 2 |
| 32 | PM2000B-330 | Miter Gauge Body | | 1 |
| 33 | PM2000B-331 | Universal Handle | | 2 |
| 34 | PM2000B-332 | Pin | | 1 |
| 35 | F010450 | Socket Set Screw CPP | M8-1.25 x 5L | 2 |
| 36 | PM2000B-334 | Miter Bar | | 1 |
| 37 | PM2000B-335 | Guide Washer | | 1 |
| 38 | F001220 | Phillips Flat HD Machine Screw | M6-1.0 x 8L | 1 |
| 39 | TS-0810012 | Round HD Machine Screw | #10-24 x 1/4"L | 1 |
| 40 | TS-1550031 | Flat Washer | 5.2 x 10 x 1.0T | 1 |
| 41 | PM2000B-339 | Pointer | | 1 |
| 42 | PM2000B-340 | Pinion | | 1 |
| 43 | PM2000B-341 | Compression Spring | | 1 |
| 44 | PM2000B-342 | Pinion Shaft Hub | | 1 |
| 45 | PM2000B-343 | Shaft | | 1 |
| 46 | TS-1521011 | Socket Set Screw | M4-0.7 x 4L | 1 |
| 47 | PM2000B-345 | Knob | | 1 |
| 48 | TS-1502011 | Socket Head Cap Screw | M5-0.8 x 8L | 2 |
| 49 | PM2000B-347 | Scale | | 1 |
| | LM000309 | Warning Label - Blade Guard | | 1 |

14.4.1 PM3000B Motor Cover Assembly – Exploded View



14.4.2 PM3000B Motor Cover Assembly – Parts List

| Index No | Part No | Description | Size | Qty |
|----------|-------------------|--|--------------------------|-----|
| ..... | 6827044B | Motor Cover Assembly (includes #1 thru 10) | | 1 |
| 1 | PM2000B-401 | Motor Cover | | 1 |
| 2 | PM2000B-402 | Hinge Pin | | 2 |
| 3 | PM2000B-403 | Spring Clamp | | 1 |
| 4 | PM2000B-404 | Clamp Holder | | 1 |
| 5 | TS-2246302 | Socket Head Button Screw | M6-1.0 x 30L | 1 |
| 6 | TS-1550041 | Flat Washer | 6.2 x 13 x 1.5T mm | 1 |
| 7 | TS-1541021 | Nylon Lock Hex Nut | M6-1.0 | 1 |
| 8 | TS-1533032 | Phillips Pan HD Machine Screw | M5-0.8 x 10L | 1 |
| 9 | TS-1550031 | Flat Washer | 5.3 x 12 x 1.0T mm | 1 |
| 10 | TS-1540031 | Hex Nut | M5-0.8 | 1 |

15.0 Electrical Connections

15.1 PM3000B Wiring diagram – 7.5HP, 400V, 3PH

