# Parts Catalog



**SP10**

# Mixer

## Model: SP10

2/25/25 Rev C
IMPORTANT!
TO EXPEDITE SHIPMENT OF PARTS, ALWAYS SPECIFY MODEL, REV,
PART NUMBER, AND SERIAL NUMBER OF UNIT.


## GLOBE FOOD EQUIPMENT COMPANY

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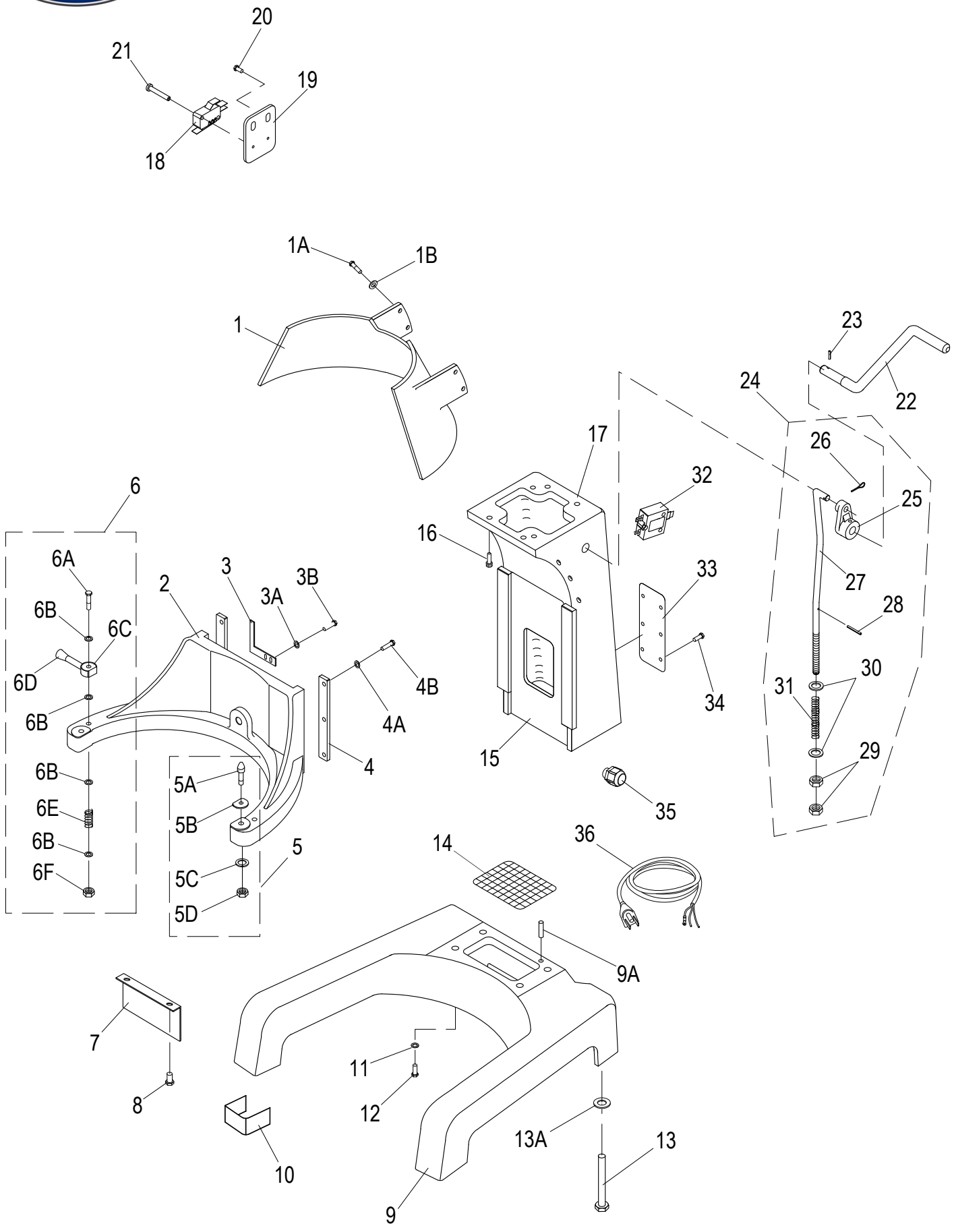
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**995120 ECN 1988**

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# SP10 Base Components






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# SP10 Base Components

| Item | Part Number | Description | Qty | Serial Number |
|---|---|---|---|---|
| 1 | X10023 | Rear Guard | 1 | |
| 1A | X25097 | Screw | 4 | |
| 1B | X25069 | Flat Washer, M6 ID-6mm, OD-24mm, TH-3mm, Thick | 4 | |
| 2 | X10021-DG | Bowl Cradle | 1 | |
| 3 | X10190 | Touch Plate | 1 | |
| 3A | H00551 | Lock Washer | 2 | |
| 3B | X80J41 | Screw M4x12mm Hex Hd - SS | 2 | |
| 4 | X10022 | Bowl Slide | 2 | |
| 4A | X08008 | Washer | 6 | |
| 4B | X25097 | Screw | 6 | |
| 5 | X20087 | Dowel Screw Kit | 2 | |
| 5A | | Dowel Screw | 1 | |
| 5B | X01759 | Flat Washer M8, ID-8.4, OD-24, TH-2mm | 2 | |
| 5C | X08102 | Lock Washer M8 ID-8.5, OD-14.8, TH-2mm Zn | 2 | |
| 5D | X10088 | Cap Nut M8-1.25, OD-13, TH-15mm Zinc | 2 | |
| 6 | X10020 | Bowl Clamp Kit (2/Set) (Incl. items 6A-6F) | 1 | |
| 6A | X20086 | Ext. Hex Hd Screw M8-1.25x80mm, Zn | 2 | |
| 6B | X10189 | Washer M8 Flat | 8 | |
| 6C | X10020-1 | Bowl Clamp (2/Set) | 1 | |
| 6D | | Bowl Clamp Handle | 2 | |
| 6E | | Spring | 2 | |
| 6F | X08074 | Nut M8 Hex | 2 | |
| 7 | | Cover, Cradle | 1 | |
| 8 | X40056 | Truss Hd Screw PHH M6-1.0x10mm, SS-18 | 2 | |
| 9 | X10024-DG | Base | 1 | |
| 9A | | Dowel Pin Ø8x15mm | 2 | |
| 10 | X10136 | Foot Kit (4/Set) | 4 | |
| 11 | | Washer M10 Flat | 4 | |
| 12 | H01022 | Screw M10x40mm Hex Head | 4 | |
| 13 | H02746 | Bolt & Washer Kit | 4 | |
| 13A | | Washer | 4 | |
| 14 | X20031 | Screen | 1 | |
| 15 | X10035-1-DG | Column | 1 | |
| 16 | X80E09 | Screw M8x25mm Socket Hd | 4 | |
| 17 | X91014 | Hazardous Voltage Label Not Shown | 1 | |
| 18 | X10057 | Microswitch | 1 | |
| 19 | | Bracket | 1 | |
| 20 | X40056 | Truss Hd Screw PHH M6-1.0x10mm, SS-18 | 2 | |
| 21 | H00546 | M5x10mm Button Hd Screw | 2 | |
| 22 | X10040 | Bowl Lift Arm | 1 | |
| 23 | X10039 | Dowel Pin Ø5x30mm | 1 | |
| 24 | X10037A | Bowl Lift Kit (Incl. items 25-31) | 1 | |
| 25 | | Bowl Lift Cam | 1 | |
| 26 | | Cotter Pin | 1 | |
| 27 | | Bowl Lift Rod | 1 | |
| 28 | | Roll Pin Ø3x28mm | 1 | |
| 29 | X08051 | Nut M10 Hex | 2 | |
| 30 | | Washer | 2 | |
| 31 | | Spring | 1 | |
| 32 | X10027-2 | Reset Switch | 1 | |
| 33 | X10191 | Plate | 1 | |
| 34 | X25051 | Rd Hd Screw | 6 | |
| 35 | X03111 | Strain Relief | 1 | |



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# SP10 Base Components

| Item | Part Number | Description | Qty | Serial Number |
|---|---|---|---|---|
| 36 | X02739 | Power Cord | 1 | |
| 37 | X80J11 | Terminal Block Not Shown | 1 | |



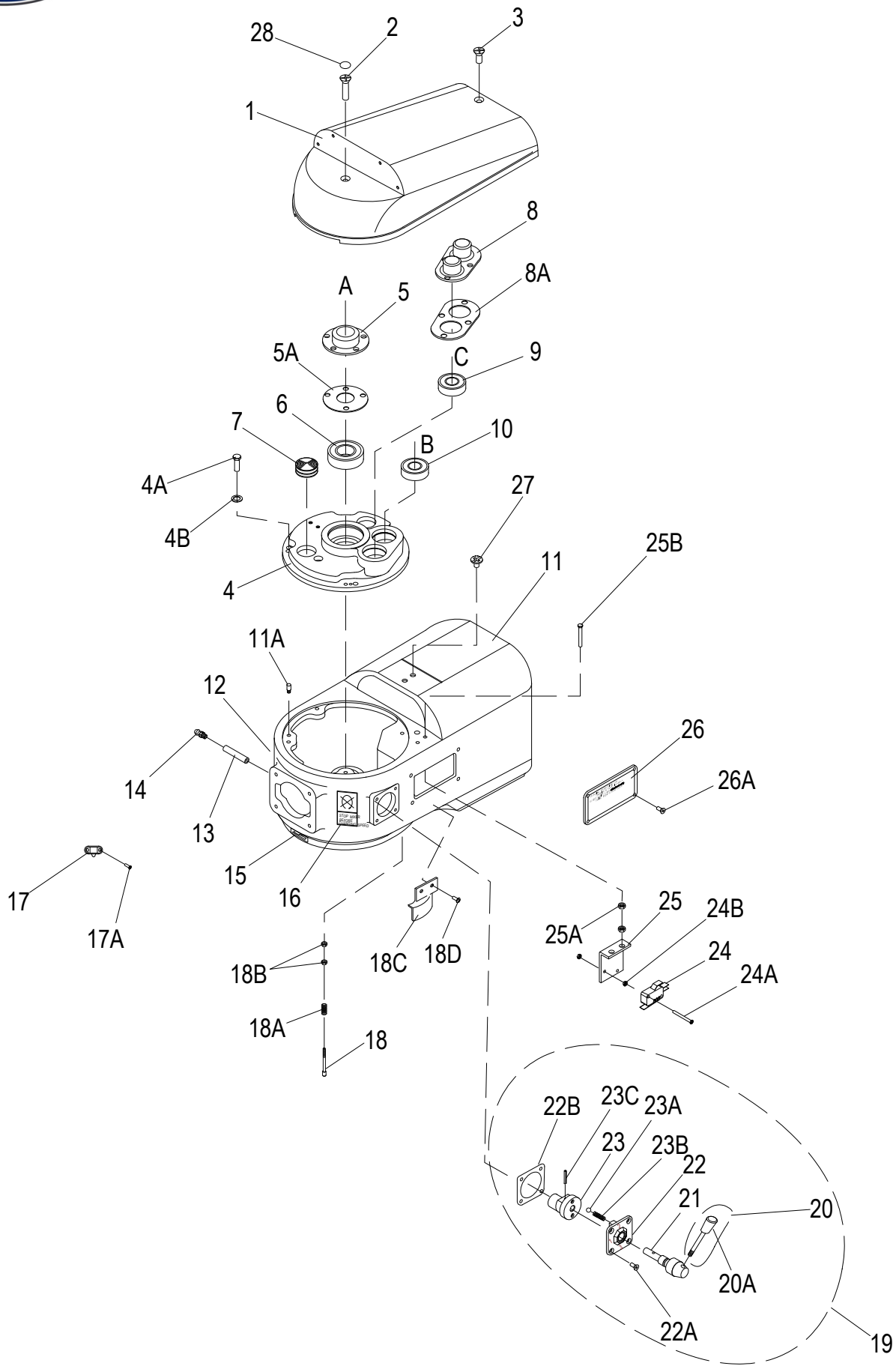
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# SP10 Head Components






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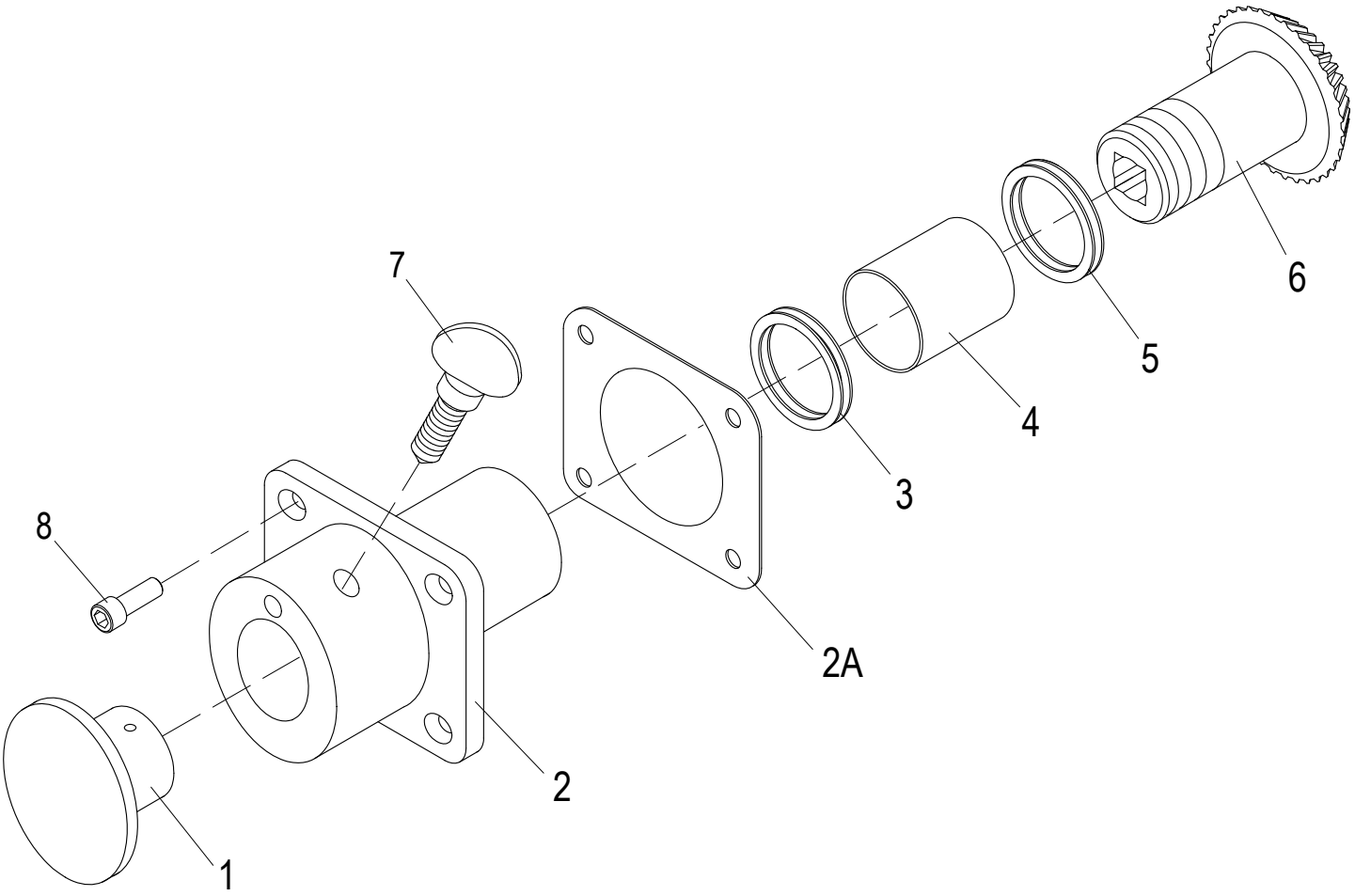
# SP10 Head Components

| Item | Part Number | Description | Qty | Serial Number |
|---|---|---|---|---|
| 1 | X10001-2-DG | Top Cover | 1 | |
| 2 | X10180 | Flat Hd Screw-PHH 1/4"-20x1.25", Zinc | 1 | |
| 3 | X10181 | Flat Hd Screw-PHH 1/4"-20x0.75", Zinc | 1 | |
| 4 | X10074 | Gear Cover | 1 | |
| 4A | X80H50 | Screw M6x16mm Hex Hd | 4 | |
| 4B | | Washer M6 Split Lock | 4 | |
| 5 | X10072 | Cap | 1 | |
| 5A | X10187 | Gasket | 1 | |
| 6 | X10010 | Bearing (6203Z) | 1 | |
| 7 | X10073 | Oil Plug | 1 | |
| 8 | X10071 | Twin Cap | 1 | |
| 8A | X10188 | Gasket | 1 | |
| 9 | X10068 | Bearing (6201Z) | 1 | |
| 10 | X10068 | Bearing (6201Z) | 1 | |
| 11 | X10059-1 | Transmission Case | 1 | |
| 11A | | Locating Pin Ø8xM6x10mm | 2 | |
| 12 | X91009 | Gear Maintenance Label | 1 | |
| 13 | X10217 | Grease Tube w/o Zert | 1 | |
| 14 | X10900 | Grease Fitting | 1 | |
| 15 | X91012 | Arrow Label | 1 | |
| 16 | X91010 | Gear Damage Label | 1 | |
| 17 | X10134 | Spring Lock Assembly | 1 | |
| 17A | X10134B | Round Hd Screw-PHH M3-0.5x8mm, SS-18 | 2 | |
| 18 | X10043N | Nylon Touch Shaft Kit | 1 | |
| 18A | X30095 | Spring | 1 | |
| 18B | X30186 | Hex Nut M5-0.8 OD-8, TH-4mm, Zinc | 2 | |
| 18C | X20516 | Cover | 1 | |
| 18D | H02533 | Truss Hd Screw-Combo M5x8mm, Zn | 2 | |
| 19 | X10045-48 | Gear Shift Kit (Incl. items 20-23C) | 1 | |
| 20 | X10045 | Arm With Knob (Incl. item 20A) | 1 | |
| 20A | X10045-1 | Knob | 1 | |
| 21 | | Shaft | 1 | |
| 22 | | Cover | 1 | |
| 22A | X25166 | Flat Hd Screw-PHH M5-0.8x16mm, Zinc | 4 | |
| 22B | X10199 | Gasket | 1 | |
| 23 | | Shaft Bias | 1 | |
| 23A | | Roller | 2 | |
| 23B | | Spring | 2 | |
| 23C | | Roll Ø3x28mm Pin | 1 | |
| 24 | X10057 | Microswitch | 1 | |
| 24A | X08156 | Screw | 2 | |
| 24B | | Washer M18 Flat | 4 | |
| 25 | X10058 | Bracket | 1 | |
| 25A | X08015 | Nut M6 Hex - Nylon Insert | 4 | |
| 25B | X80116 | Screw | 2 | |
| 26 | X10055 | Injury Warning Plate | 1 | |
| 26A | X25060 | Screw M4x6mm Pan Hd | 4 | |
| 27 | X10131 | Rd Hd Screw-PHH #10-24x3/8", Zinc | 1 | |
| 28 | X03161 | Screw Cover | 2 | |



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# SP10 Hub Components






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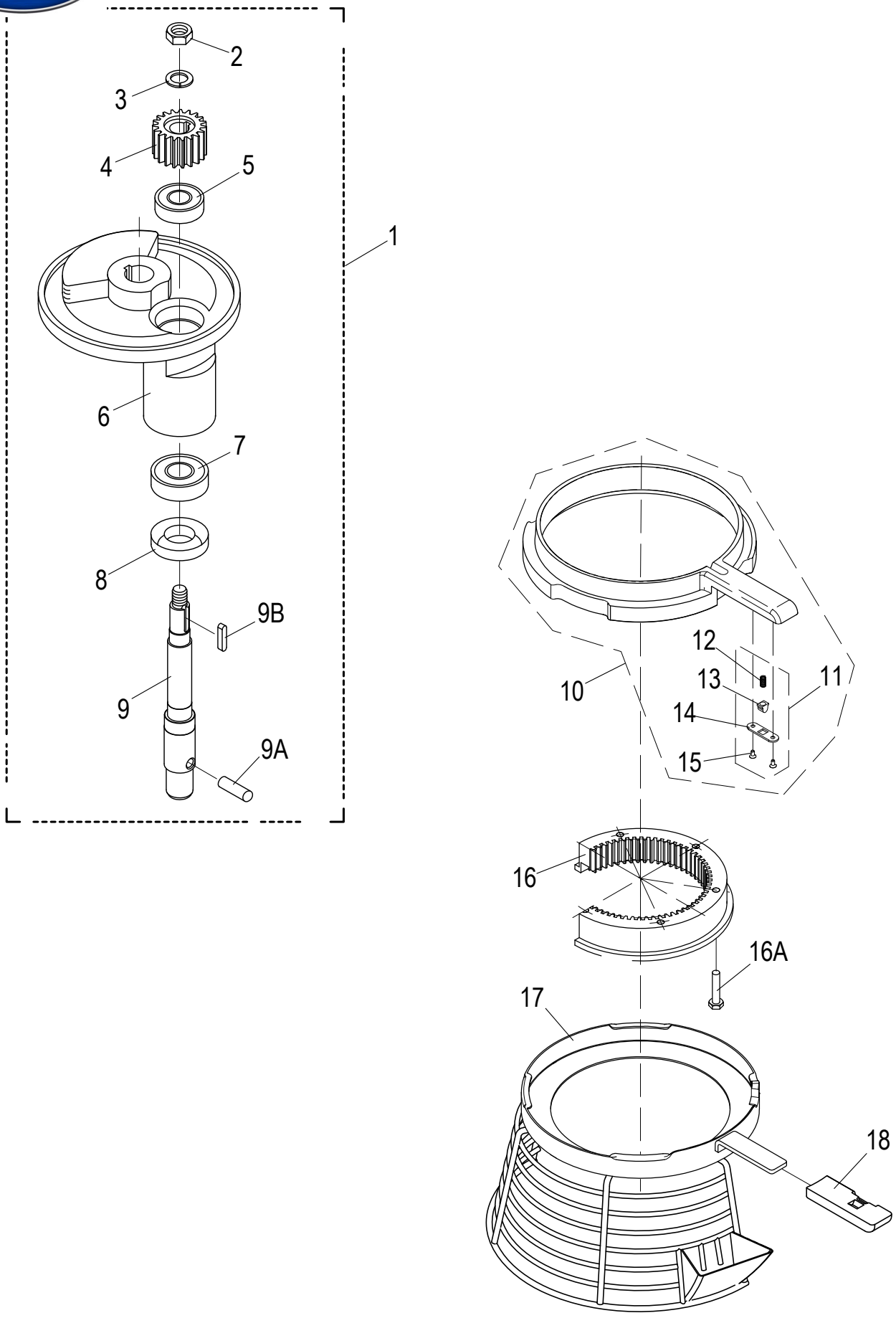
# SP10 Hub Components

| Item | Part Number | Description | Qty | Serial Number |
|---|---|---|---|---|
| 1 | X10007 | Hub Plug | 1 | |
| 2 | X10006-DG | Hub Assembly Includes * | 1 | |
| 2A | X10006 | Gasket | 1 | |
| 3 | X10089 | Oil Seal * | 1 | |
| 4 | X10075 | Needle Bearing * | 1 | |
| 5 | X30018-1 | Thrust Washer ID-35mm, OD-55mm, TH-1mm | 2 | |
| 6 | X10003 | Level Gear (35T) | 1 | |
| 7 | X10005 | Thumb Screw 1/2-13x3/4" | 1 | |
| 8 | X80B52 | Socket Hd Cap Screw M6-1.0x20mm, B.O. | 4 | |



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# SP10 Planetary Components






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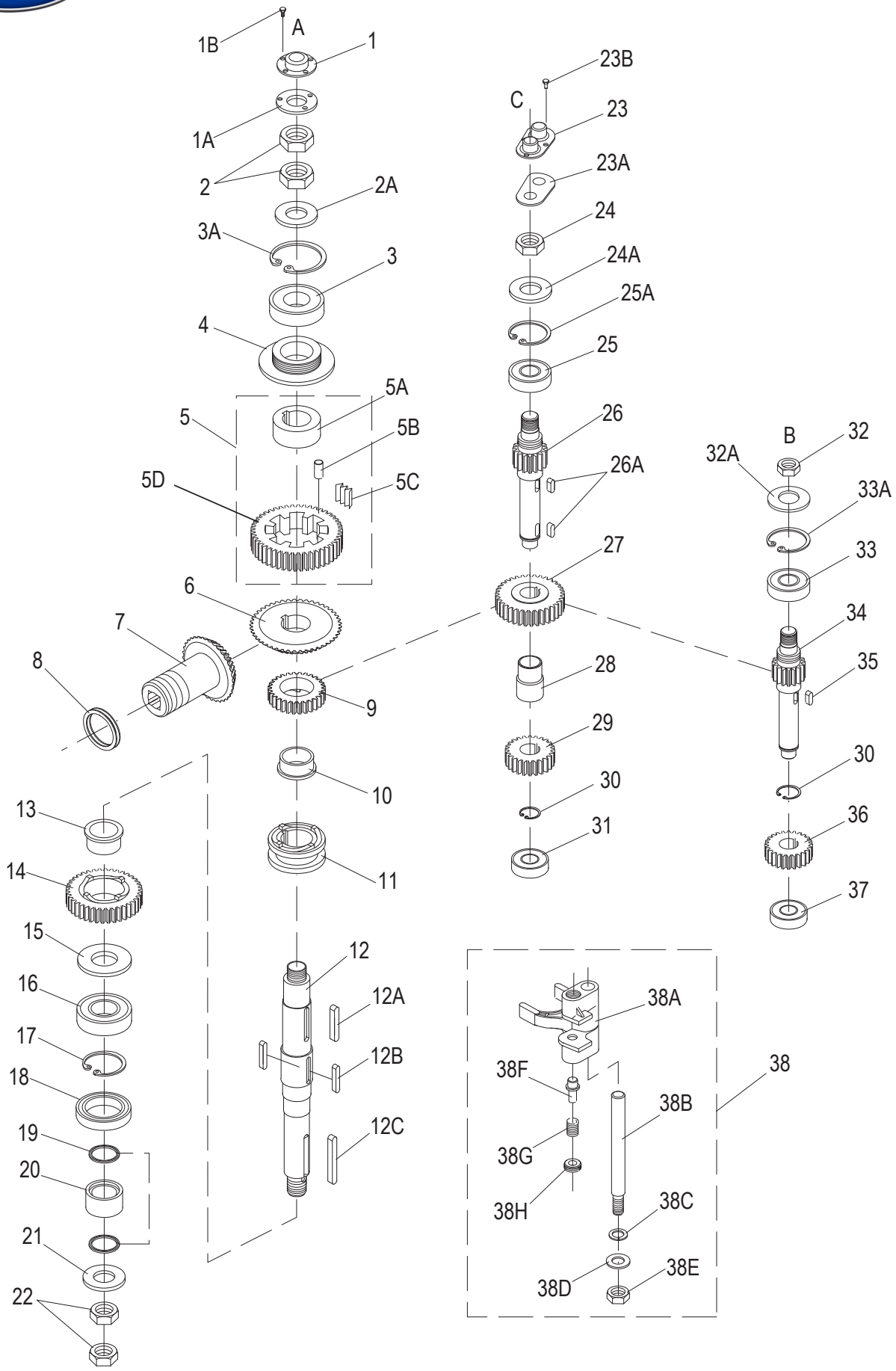
# SP10 Planetary Components

| Item | Part Number | Description | Qty | Serial Number |
|---|---|---|---|---|
| 1 | X10008-82 | Planetary Assembly (Incl. items 2-9B) | 1 | |
| 2 | X10008 | Hex Nut M12-1.25, OD-19, HT-10mm, Zinc | 1 | |
| 3 | X01372 | Lock Washer | 1 | |
| 4 | X10009 | Pinion Gear (19T) | 1 | |
| 5 | X10010 | Bearing (6203Z) | 1 | |
| 6 | X10011-DG | Planetary Holder | 1 | |
| 7 | X10012 | Bearing (6204Z) | 1 | |
| 8 | X10013 | Oil Seal | 1 | |
| 9 | X10015 | Planetary Shaft | 1 | |
| 9A | | Dowel Pin | 1 | |
| 9B | X10014 | Key (Incl. with X10015) | 1 | |
| 10 | X200S2 | Slide Sheath (Incl. items 11-15) | 1 | |
| 11 | X200S3 | Spring Lock Kit | 1 | |
| 12 | | Spring | 1 | |
| 13 | | Plunger | 1 | |
| 14 | | Plate, Plunger Retention | 1 | |
| 15 | X10134B | Round Hd Screw-PHH M3-0.5x8mm, SS-18 | 2 | |
| 16 | X10078 | Internal Gear (63T) | 1 | |
| 16A | X10082 | Screw | 6 | |
| 17 | X100S1 | Removable Bowl Guard | 1 | |
| 18 | X20504 | Plastic Handle | 1 | |



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# SP10 Gearbox Components






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# SP10 Gearbox Components

| Item | Part Number | Description | Qty | Serial Number |
|---|---|---|---|---|
| 1 | X10072 | Cap | 1 | |
| 1A | X10187 | Gasket | 1 | |
| 1B | X10133 | Pan Hd Screw-PHH M6-1.0x10mm, SS | 4 | |
| 2 | X10132 | Thin Hex Nut 1/2-20, OD-1/2", TH-11/64" Zn | 2 | |
| 2A | | Washer 1/2" Flat | 1 | |
| 3 | X10010 | Bearing (6203Z) | 1 | |
| 3A | | Retaining Ring | 1 | |
| 4 | X10090 | Lead-In Oil Pad | 1 | |
| 5 | X10091-94 | Slow Speed Gear Assembly (46T) (Incl. items 5A-5D) | 1 | |
| 5A | X10091 | Bushing | 1 | |
| 5B | | Dowel Ø8x16mm Pin | 8 | |
| 5C | X10093 | Gear Spring Kit (8/Set) | 8 | |
| 5D | | Gear, Slow Speed (46T) | 1 | |
| 6 | X10095 | Bevel Gear (46T) | 1 | |
| 7 | X10003 | Level Gear (35T) | 1 | |
| 8 | X30018-1 | Thrust Washer ID-35mm, OD-55mm, TH-1mm | 1 | |
| 9 | X10096 | Clutch Gear (29T) | 1 | |
| 10 | X10097 | Bushing | 1 | |
| 11 | X10110 | Clutch Sleeve | 1 | |
| 12 | X10107 | Drive Shaft | 1 | |
| 12A | X10098 | Key H-6xW-6xL-28mm, Round Ends | 1 | |
| 12B | X10109 | Key 5x5x27mm | 1 | |
| 12C | X10108 | Key 6x6x45mm | 1 | |
| 13 | X10097 | Bushing | 1 | |
| 14 | X10100 | Clutch Gear (38T) | 1 | |
| 15 | X10101 | Heel | 1 | |
| 16 | X10102 | Bearing (6205LU) | 1 | |
| 17 | | Retaining Ring RTW-52 | 1 | |
| 18 | X10105 | Oil Seal | 1 | |
| 19 | X10103 | O-Ring 28x22x3mm | 2 | |
| 20 | X10104 | Bushing | 1 | |
| 21 | | Washer M20 Flat | 1 | |
| 22 | X10106 | Thin Hex Nut 3/4"-16, OD-1-1/8", HT-27/64", Zn | 2 | |
| 23 | X10071 | Twin Cap | 1 | |
| 23A | X10188 | Gasket | 1 | |
| 23B | X10131 | Rd Hd Screw-PHH #10-24x3/8", Zinc | 4 | |
| 24 | X10125 | Thin Hex Nut 3/8-24, OD-9/16", TH-7/32", Zn | 1 | |
| 24A | | Washer 3/8" Flat | 1 | |
| 25 | X10068 | Bearing (6201Z) | 1 | |
| 25A | | Retaining Ring | 1 | |
| 26 | X10129 | Transmission Shaft (15T) | 1 | |
| 26A | X25143 | Key 5x5x10mm | 2 | |
| 27 | X10126 | Gear (32T) | 1 | |
| 28 | X10122 | Bushing | 1 | |
| 29 | X10121 | Gear (24T) | 1 | |
| 30 | X10120 | Retaining Ring STW-19 | 2 | |
| 31 | X10117 | Bearing (6201) | 1 | |
| 32 | X10125 | Thin Hex Nut 3/8-24, OD-9/16", TH-7/32", Zn | 1 | |
| 32A | | Washer | 1 | |
| 33 | X10068 | Bearing (6201Z) | 1 | |
| 33A | | Retaining Ring | 1 | |
| 34 | X10124 | Master Shaft (15T) | 1 | |
| 35 | X20123 | Key, Round Ends H-5xW-5xL-18mm | 1 | |



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# SP10 Gearbox Components

| Item | Part Number | Description | Qty | Serial Number |
|---|---|---|---|---|
| 36 | X10118 | Bronze Gear (29T) | 1 | |
| 37 | X10117 | Bearing (6201) | 1 | |
| 38 | X10111-116 | Shifter Yoke Kit (Incl. items 38A-38H) | 1 | |
| 38A | | Yoke Shifter | 1 | |
| 38B | | Guide, Rod Shifter | 1 | |
| 38C | H00527 | Split Lock Washer | 1 | |
| 38D | | Washer | 1 | |
| 38E | H03157 | Hex Nut, SS | 1 | |
| 38F | | Plunger, Yoke Shifter | 2 | |
| 38G | | Spring, Retainer | 2 | |
| 38H | | Spring, Yoke Shifter | 2 | |



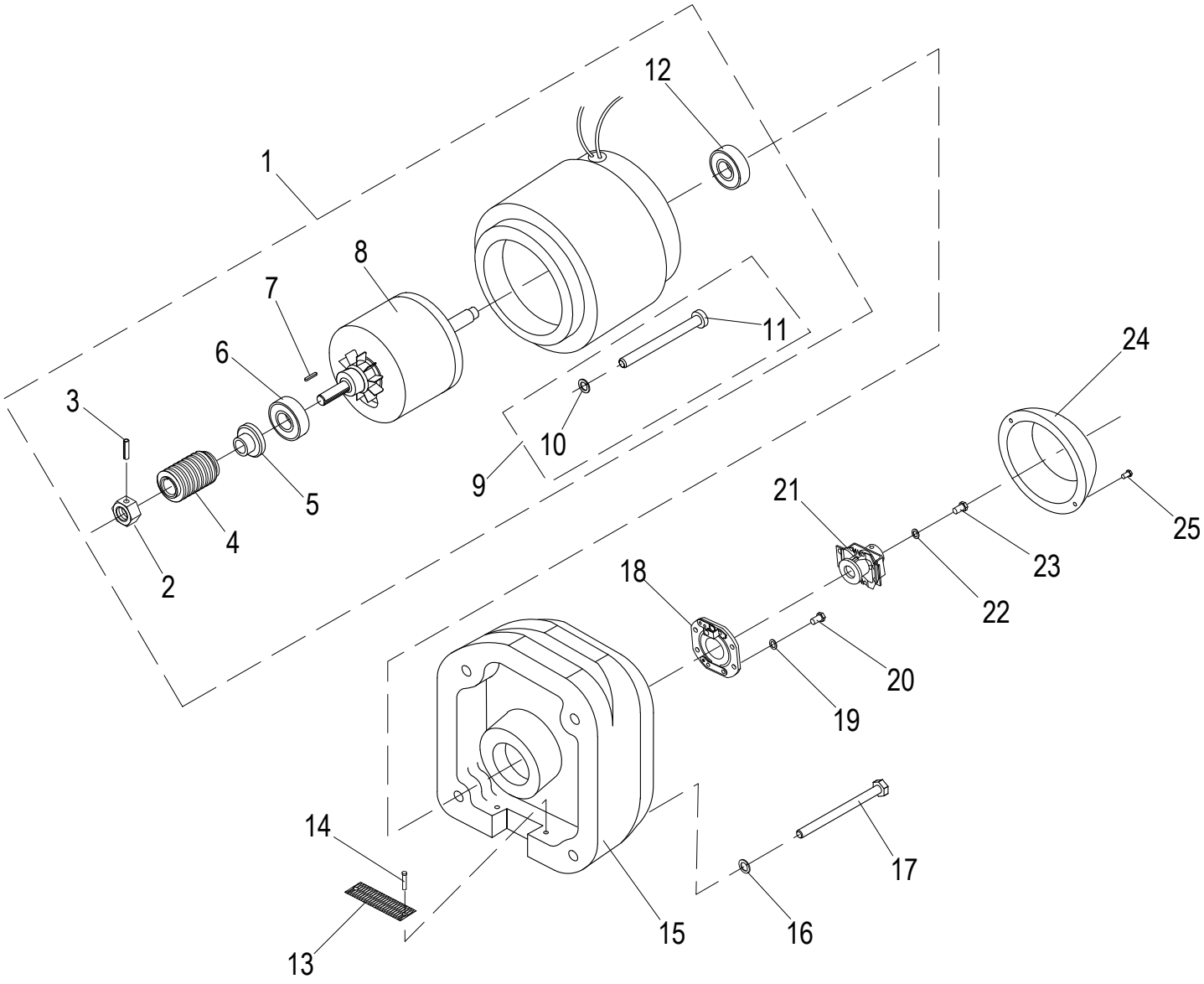
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# SP10 Motor Components






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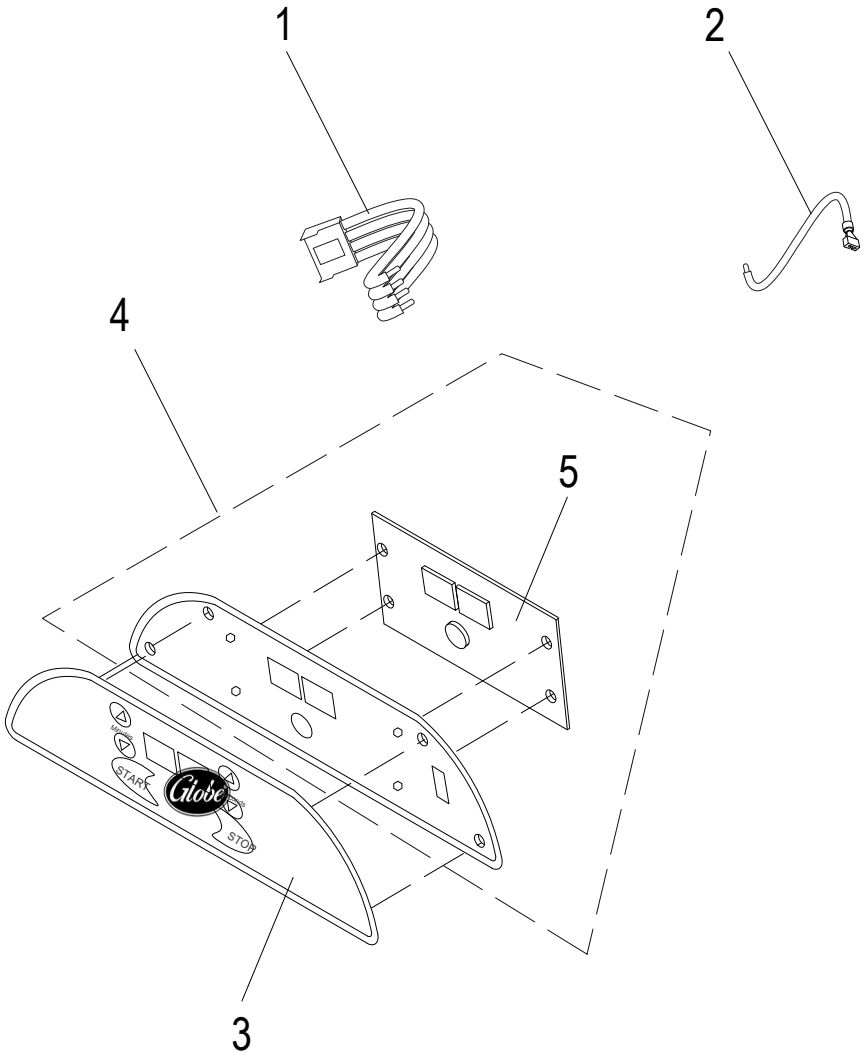
# SP10 Motor Components

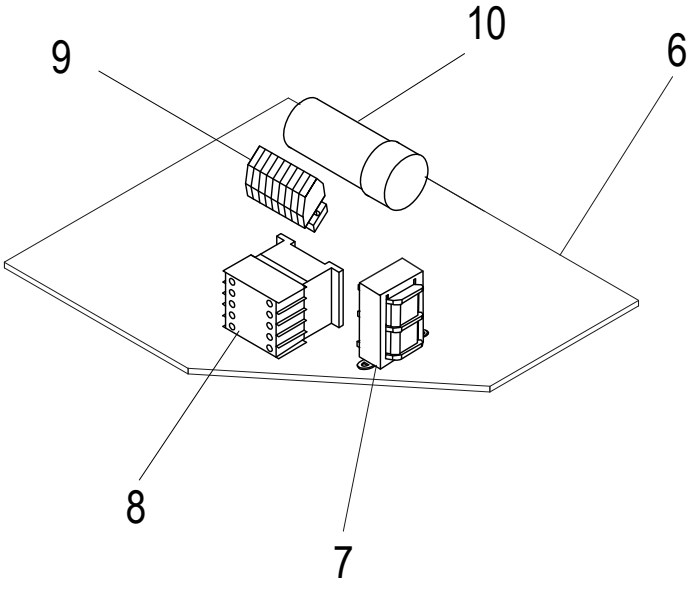
| Item | Part Number | Description | Qty | Serial Number |
|---|---|---|---|---|
| 1 | X10060-67 | Motor Kit (120V/60HZ/1PH/5A) (Incl. items 2-12) | 1 | |
| 2 | X20066 | Hex Nut 7/16, OD-11/16", TH-3/8", Zn | 1 | |
| 3 | X20067 | Roll Pin M3x16mm | 1 | |
| 4 | X20065 | Worm Gear | 1 | |
| 5 | X20060 | Bushing | 1 | |
| 6 | X08114 | Bearing (6203LU) | 1 | |
| 7 | X20202 | Key H-3xW-3xL-18mm, Round Ends | 1 | |
| 8 | | Motor Shaft | 1 | |
| 8 | | Motor Coil | 1 | |
| 9 | X20206-207 | Screw And Lock Washer Kit (Incl. items 10-11) | 1 | |
| 10 | X20207 | Lock Washer M5, ID-5.4, OD-8.8, TH-2mm, SS-18 | 4 | |
| 11 | | Screw M5x84mm Hex Hd | 4 | |
| 12 | X08114 | Bearing (6203LU) | 1 | |
| 13 | X20031 | Screen | 1 | |
| 14 | | Rivet | 2 | |
| 15 | X10054 | Rear Cover | 1 | |
| 16 | 1226 | Washer M6 Split Lock | 4 | |
| 17 | X20161 | Ext. Hex Hd Screw #1/4-20x2.25", Zn | 4 | |
| 18 | X10051 | Platinum Switch | 1 | |
| 19 | X20207 | Lock Washer M5, ID-5.4, OD-8.8, TH-2mm, SS-18 | 2 | |
| 20 | X10083 | Ext. Hex Hd Screw M5-0.8x10mm, SS | 2 | |
| 21 | X10052 | Clutch | 1 | |
| 22 | X20207 | Lock Washer M5, ID-5.4, OD-8.8, TH-2mm, SS-18 | 1 | |
| 23 | X10083 | Ext. Hex Hd Screw M5-0.8x10mm, SS | 1 | |
| 24 | X10053 | Cover | 1 | |
| 25 | X10083 | Ext. Hex Hd Screw M5-0.8x10mm, SS | 2 | |



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# SP10 Digital Timer Components






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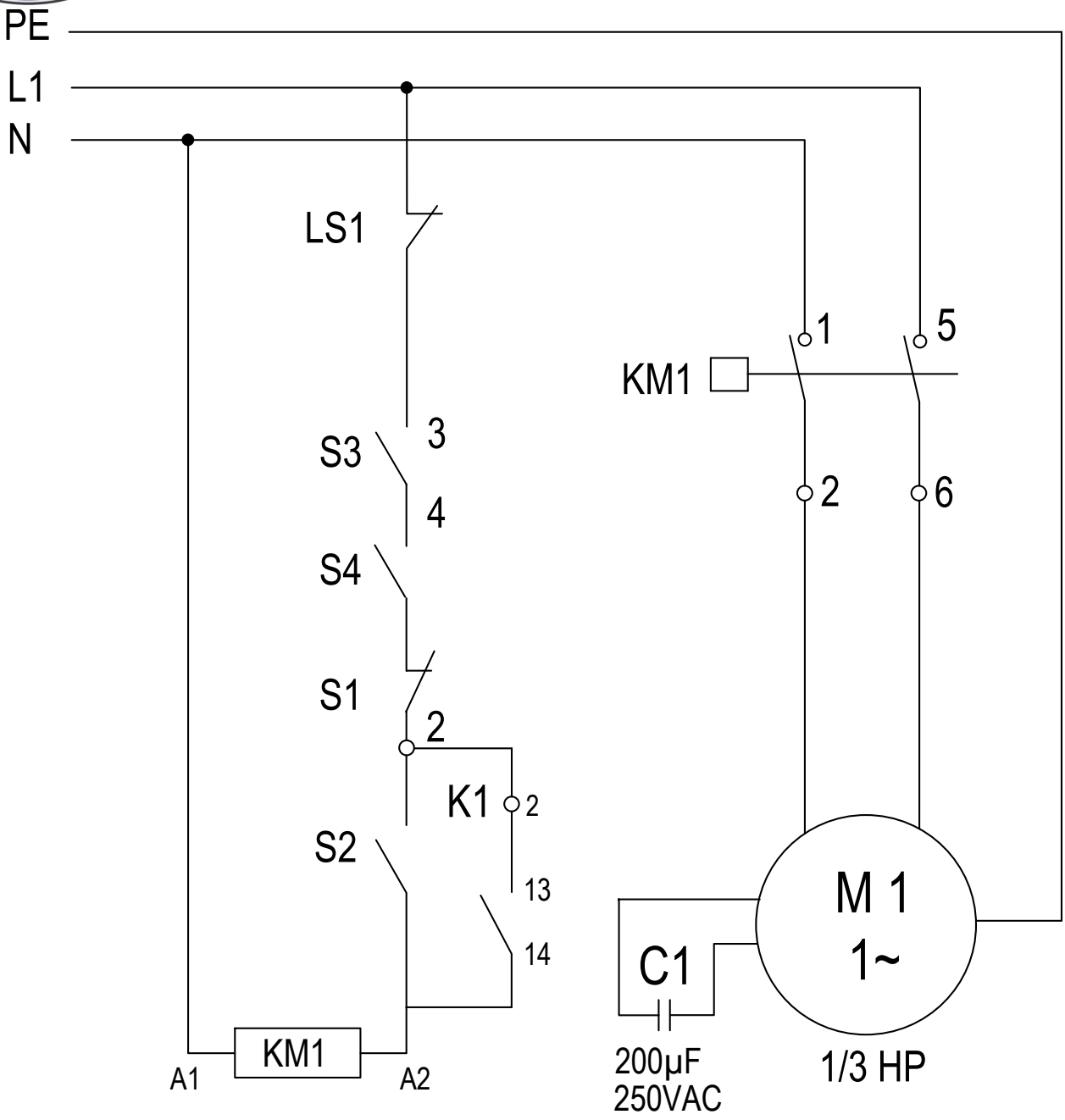
# SP10 Digital Timer Components

| Item | Part Number | Description | Qty | Serial Number |
|---|---|---|---|---|
| 1 | X00675-1 | Wire Harness | 1 | |
| 2 | X00676 | Control Board Wire | 2 | |
| 3 | X00565 | Membrane | 1 | |
| 4 | X01336 | Aluminum Panel Kit | 1 | |
| 5 | X00568 | Control Board | 1 | |
| 6 | X02493 | Mounting Plate | 1 | |
| 7 | X00569 | Transformer | 1 | |
| 8 | X10028ABB | Contactor (110-220V/50-60HZ/1-3PH/9A) | 1 | |
| 9 | X10029A | Connecting Block Kit | 1 | |
| 9 | X10029-2G | Connecting Block, Gray (2C) | 1 | |
| 9 | X10029-EC | Connecting Block End Cap | 1 | |
| 10 | X10026 | Capacitor, Start - 200MF | 1 | |
| 11 | X00570 | Fuse Not Shown | 1 | |



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# SP10 Electrical Diagram

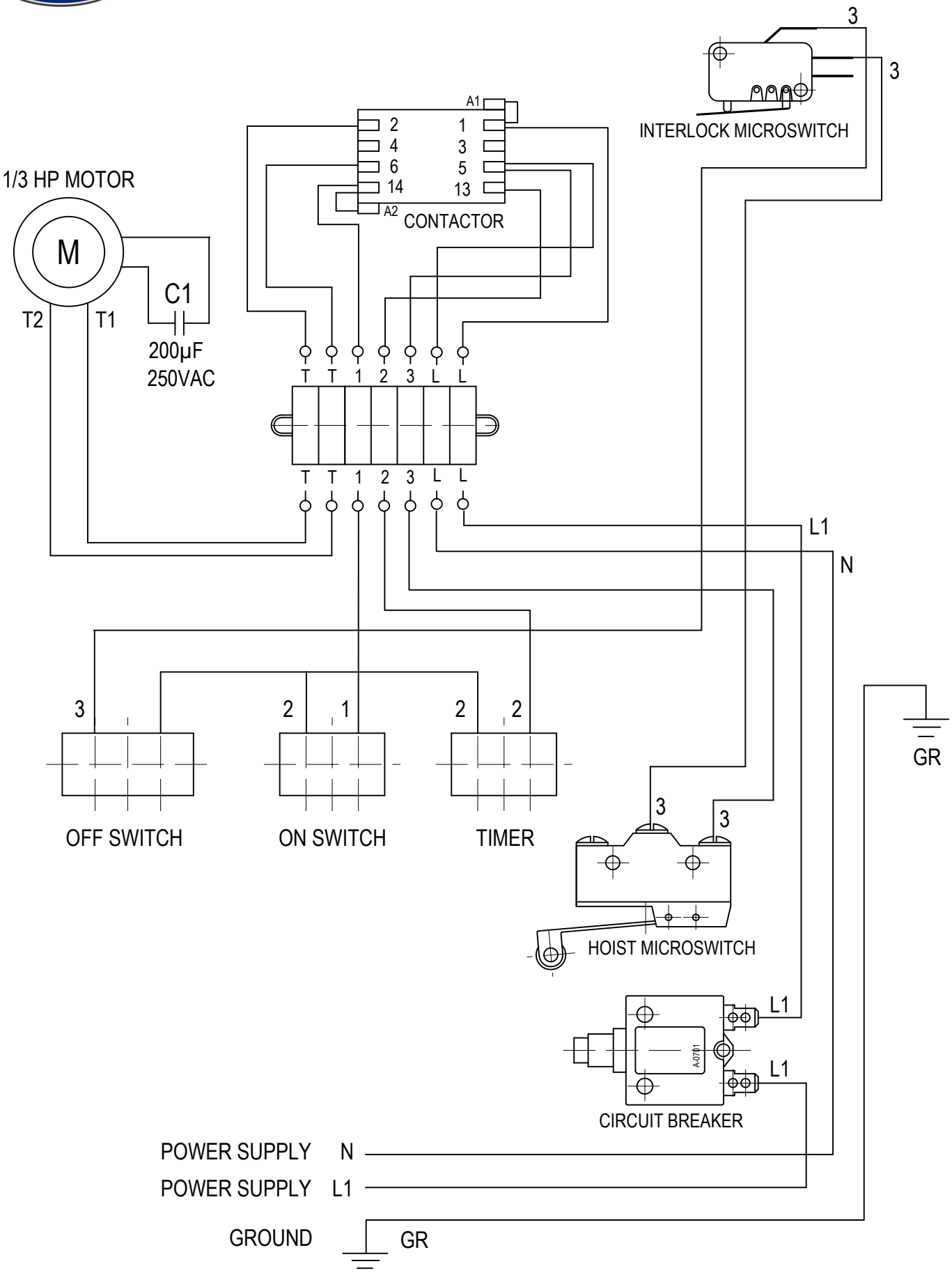



| Item | Description | Qty |
|---|---|---|
| C1 | Capacitor | 1 |
| S1 | Emergency Stop Button | 1 |
| S2 | Start Button | 1 |
| S3 | Microswitch (Interlock Guard) | 1 |
| S4 | Microswitch (Bowl Lift) | 1 |
| KM1 | Contactor Coil, 120V, 60 HZ | 1 |
| M1 | Motor, 1/2 HP Single Phase 120V | 1 |
| LS1 | Circuit Breaker | 1 |
| K1 | Timer | 1 |



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# SP10 Wiring Diagram






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