

Operating Instructions — Parts Manual 15-Inch Vari-Speed Drill Press

Models: A5816, A5818, A3816, A3818 Manufactured after Serial No. 807137 5507564

Part No. Revision B6



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General Specifications

The Wilton 15-Inch Vari-Speed Drill Presses, Models A5816, A5818, A5836, and A5838 provide drilling speeds from 400 to 5,000 rpm. Simple handwheel adjustment sets the speeds with an LED speed display on the faceplate of the machine.

Wilton's 15-inch vari-speed drill press provides a solid base for drilling and offers a wide range of spindle speeds. The large quill provides greater accuracy. The large worktable provides the operator with room to work and ample support for the workpiece. The drill press has a 3-inch diameter column for head and table support. The 15-Inch Vari-Speed Drill Press is equipped with a standard table raiser.



Specifications

| Model | A5816 | . A5818 | A5836 | . A5838 |
|----------------------|--------------------|----------------------|--------------------|-----------------------|
| | A3816 | A3818 | A3836 | A3838 |
| Туре | Floor Model | Floor Model | Bench Model | . Bench Model |
| Motor: | | | | |
| Motor Speed (rpm) | 1,725 rpm | . 1,725 rpm | 1,725 rpm | . 1,725 rpm |
| HP | 1 HP | . 3 HP | 1 HP | . 3 HP |
| Power Rating | 1 Ph, 115/220V | . 3 Ph, 220/440V | 1 Ph, 115/220V | . 3 Ph, 220/440V |
| Spindle speed (rpm) | 400 to 5,000rpm | 400 to 5,000 rpm | 400 to 5,000 rpm | . 400 to 5,000rpm |
| Capacity: | | | | |
| Cast iron | up to 5/8-in | up to 5/8-in | up to 5/8-in | . up to 5/8-in. |
| Steel | up to 1/2-in | up to 1/2-in | up to 1/2-in | . up to 1/2-in. |
| Drills to center | 15 in | . 15 in | 15 in | . 15 in. |
| Quill diameter | 2-1/4 in | . 2-1/4 in | 2-1/4 in | . 2-1/4 in. |
| Quill travel | 6 in | . 6 in | 6 in | . 6 in. |
| Spindle taper | #2 MorseTaper | #2 MorseTaper | #2 MorseTaper | . #2 MorseTaper |
| Dimensions: | | | | |
| Table (overall) | 15-1/4 x 17-3/4 in | . 15-1/4 x 17-3/4 in | 15-1/4 x 17-3/4 in | . 15-1/4 x 17-3/4 in. |
| Table (working area) | 12-1/2 x 14-1/2 in | . 12-1/2 x 14-1/2 in | 12-1/2 x 14-1/2 in | . 12-1/2 x 14-1/2 in. |
| T-slot | 1/2-in | . 1/2-in | 1/2-in | . 1/2-in. |
| Spindle to table | 41 in | . 41 in | 41 in | . 41 in. |
| Spindle to base | 47-1/2 in | . 47-1/2 in | 47-1/2 in | . 47-1/2 in. |
| Overall height | 67-1/2 in | . 67-1/2 in. | | |

WARNING

- Misuse of this machine can cause serious injury.
- For safety, machine must be set up, used and serviced properly.
- Read, understand and follow instructions in the Operating Instructions and Parts Manual which was shipped with your machine.

When setting up machine:

- Always avoid using machine in damp or poorly lighted work areas.
- Always be sure the machine support is securely anchored to the floor or the work bench.

When using machine:

- Always wear safety glasses with side shields (See ANSI Z87.1)
- Never wear loose clothing or jewelry.
- Never overreach—you may slip and fall.

When servicing machine:

- Always disconnect the machine from its electrical

Machinery general safety warnings

- Always wear protective eye wear when operating machinery. Eye wear shall be impact resistant, protective safety glasses with side shields which comply with ANSI Z87.1 specifications. Use of eye wear which does not comply with ANSI Z87.1 specifications could result in severe injury from breakage of eye protection.
- Wear proper apparel. No loose clothing or jewelry which can get caught in moving parts. Rubber soled footwear is recommended for best footing.
- Do not overreach. Failure to maintain proper working position can cause you to fall into the machine or cause your clothing to get caught pulling you into the machine.
- 4. Keep guards in place and in proper working order. Do not operate the machine with guards removed.
- 5. Avoid dangerous working environments. Do not use stationary machine tools in wet or damp locations. Keep work areas clean and well lit.
- 6. Avoid accidental starts by being sure the start switch is "OFF" before plugging in the machine.
- 7. Never leave the machine running while unattended. Machine shall be shut off whenever it is not in operation.
- 8. Disconnect electrical power before servicing. Whenever changing accessories or general maintenance is done on the machine, electrical

supply while servicing.

- Always follow instructions in Operating Instructions and Parts Manual when changing accessory tools or parts.
- Never modify the machine without consulting Wilton Corporation.

You—the stationary power tool user hold the key to safety.

Read and follow these simple rules for best results and full benefits from your machine. Used properly, Wilton's machinery is among the best in design and safety. However, any machine used improperly can be rendered inefficient and unsafe. It is absolutely mandatory that those who use our products be properly trained in how to use them correctly. They should read and understand the Operating Instructions and Parts Manual as well as all labels affixed to the machine. Failure in following all of these warnings can cause serious injuries.

power to the machine must be disconnected before work is done.

- 9. Maintain all machine tools with care. Follow all maintenance instructions for lubricating and the changing of accessories. No attempt shall be made to modify or have makeshift repairs done to the machine. This not only voids the warranty but also renders the machine unsafe.
- 10. Machinery must be anchored to the floor.
- 11. Secure work. Use clamps or a vise to hold work, when practical. It is safer than using your hands and it frees both hands to operate the machine.
- 12. Never brush away chips with machine in operation.

- 13. Keep work area clean. Cluttered areas invite accidents.
- 14. Remove adjusting keys and wrenches before turning machine on.
- 15. Use the right tool. Don't force a tool or attachment to do a job it was not designed for.
- 16. Use only recommended accessories and follow manufacturers instructions pertaining to them.
- 17. Keep hands in sight and clear of all moving parts and cutting surfaces.
- All visitors should be kept at a safe distance from the work area. Make workshop completely safe by using padlocks, master switches, or by removing starter keys.
- 19. Know the tool you are using its application, limitations, and potential hazards.

General electrical cautions

The drill press should be grounded in accordance with the National Electrical Code and local codes and ordinances. This work should be done by a qualified electrician. The drill press should be grounded to protect the user from electrical shock.

Wire sizes

Caution: for circuits which are far away from the electrical service box, the wire size must be increased in order to deliver ample voltage to the motor. To minimize power losses and to prevent motor overheating and burnout, the use of wire sizes for branch circuits or electrical extension cords according to the following table is recommended.

| | AWG (American wire gauge) number | | | | |
|---|----------------------------------|---------------------------|--|--|--|
| Conductor length | 240 volt lines | 120 volt lines | | | |
| 0-50 feet 50-100 feet Over 100 feet | No. 14 No. 14 No. 12 | No. 14 No. 12 No. 8 | | | |

Safety Instructions for Drill Presses

1. All work shall be secured using either clamps or a vise to the drill press table. It is unsafe to use your hands to hold any workpiece being drilled.

2. Drill press head and table shall be securely locked to the column before operating the drill press. This must always be checked prior to starting the machine.

3. Always use the correct tooling. Tooling shall always be maintained and properly sharpened. All tooling must be run at the proper speeds and feeds as they apply to the job. Use only recommended accessories and follow those manufacturers instructions pertaining to them. Tooling shall be not be forced in to any workpiece but fed according to the proper specifications. Failure to follow these instructions will not only ruin the tooling as well as the machine, but can cause serious injury.

4. Never brush away any chips while the machine is in operation. All clean up should be done when the machine is stopped.

5. Keep hands in sight. Do not put hands or fingers around, on, or below any rotating cutting tools. Leather safety gloves should be used when handling any sharp objects or cutting tools. See Figure A.

6. Always wear protective eye wear when operating, servicing or adjusting machinery. Eyewear shall be impact resistant, protective safety glasses with side shields complying with ANSI Z87.1 specifications. Use of the eye wear which does not comply with ANSI Z87.1 specifications could result in severe injury from breakage of eye protection. See Figure B.

7. When drilling in material which causes dust, a dust mask shall be worn. See Figure C.

8. Avoid contact with coolant, especially guarding the eyes.

9. Non-slip footwear and safety shoes are recommended. See Figure D.

10. Wear ear protectors (plugs or muffs) during extended periods of operation. See Figure E.



Introduction

This manual includes operating and maintenance instructions for the Wilton 15-Inch Vari-Speed Drill Presses, Models A5816, A5818, A5836, and A5838. This manual also includes parts listings and illustrations of replaceable parts.

Refer to Figure 1 for key features of the drill press.



Figure 1: Drill Press Features

Set-up and Operation

Securing the Base

The base of the drill press has four mounting holes. The drill press should be level and rest solidly on the floor. Place shims under the four mounting holes in the base as required to level the drill press.

Cleaning

Clean off any protective grease with solvent. After cleaning, lubricate the base, table, and column with a light coating of medium weight machine oil. Repeat at six months intervals.

Internal parts of the drill press are lubricated at the factory. No further lubrication is required at the time of installation.

Electrical Connection

Refer to the Wiring Diagram section for wiring information. Connection to electrical power should be made by a qualified electrician. Observe local electrical codes when connecting the machine.

The motor should be protected with a time delay fuse or circuit breaker with a amperage rating slightly higher than the full load current of the motor.

Operating Controls

(Refer to Figure 2)

ON/OFF Switch

The ON/OFF switch is located at the front of the drill head.

Speed Control Handwheel

CAUTION: TO AVOID DAMAGE TO THE SPEED ADJUSTMENT MECHANISM, THE MOTOR MUST BE OPERATING BEFORE ATTEMPTING TO ADJUST THE SPEED SETTING.

The speed control handwheel is located on the left side of the drill head. An LED speed indicator is provided on the face plate on the drill head.



Figure 2. Operating Controls

Depth Stop

A drilling depth stop (refer to Figure 3) is provided on the right side of the drill head. The depth stop consists of a threaded rod with depth setting jam nuts. The front side of the threaded rod has a depth scale. The jam nuts are loosened and moved to the desired depth on the scale. The upper jam nut is then tightened against the lower nut.



Figure 3. Depth Stop

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Operating Precautions

The following operating and safety precautions must be observed in order to avoid harm to the operator or damage to the drill press.

- 1. The head assembly must be locked to the column so the thrust produced by drilling will
- not force the head assembly up the column.
- 2. The work table must be locked to the column so it will not be forced down the column.
- 3. Be sure the belt is tightened to the proper tension.
- DO NOT start to drill the workpiece until making certain the workpiece is held down securely.
- MAKE SURE THE DRIVE MOTOR IS RUN-NING BEFORE turning the speed control handwheel in either direction.
- Point of operation protection is required for maximum safety. This remains the responsibility of the user/purchaser since conditions differ between jobs.
- 7. Make sure the drill is secured in the spindle or check before attempting to use the drill press.
- 8. Make sure the spindle taper is clean and free of burrs, scoring, and galling to assure maximum gripping.

Drilling Recommendations

Speeds for Drilling

The speed of a drill is usually measured in terms of the rate at which the outer periphery of the tool moves in relation to the work being drilled. The common term for this is Surface Feet per Minute (SFM). The relationship of SFM is expressed in the following formulas:

SFM = 0.26 X rpm X Drill Diameter (in inches) RPM = 3.8 x _____SFM____ Drill diameter (in inches)

In general, the higher the speed the shorter the drill life. Operating at the low end of the speed range for a particular material will result in longer life. The most efficient speed for operating a drill depends on many variables:

- 1. Composition and hardness of material.
- 2. Depth of the hole.
- 3. Efficiency of the cutting fluid.
- 4. Type and condition of the drilling machine.
- 5. Desired quality of the hole.

6. Difficulty of set-up.

Indication of Extreme Speeds and Feeds

A drill that splits up the web is evidence of too much feed or insufficient tip clearance at the center as a result of improper grinding. The rapid wearing away of the extreme outer corners of the cutting edges indicates that the speed is too high. A drill chipping or braking out at the cutting edges indicates that either the feed is too heavy or the drill has been ground with too much tip clearance.

Speeds for High Speed Steel Drills

| | Speed |
|---|-----------|
| Material | In SFM |
| Alloy Steel - 300 to 400 Brinell | |
| Stainless Steel | |
| Automotive Steel Forgings | |
| Tool Steel, 1.2C | |
| Steel, .4C to .5C | |
| Mild Machinery Steel, .2C to .3C | 80 - 110 |
| Hard Chilled Cast Iron | |
| Medium Hard Cast Iron | 70 - 100 |
| Soft Cast Iron | 100 - 150 |
| Malleable Iron | |
| High Nickel Steel or Monel | 40 - 50 |
| High Tensile Bronze | |
| Ordinary Brass and Bronze | 200 - 300 |
| Aluminum and its Alloys | 200 - 300 |
| Magnesium and its Alloys | 250 - 400 |
| Slate, Marble, and Stone | |
| Plastics and similar material (Bakelite). | 100 - 150 |
| Wood | 300 -400 |
| Titanium Alloys | |
| Titanium Alloy Sheet | 50 - 60 |
| | |

In cases where carbon steel drills are applicable, the drill should be run at speeds of from 40 to 50 percent of those given above.

Maintenance

Replacement of Drive Belt

WARNING: MAKE SURE TO DISCONNECT ELECTRICAL POWER TO THE DRILL PRESS TO AVOID THE POSSIBILITY OF INADVERTENT OPERATION AND EXPOSURE TO POTENTIALLY LETHAL VOLTAGE LEVELS.

- 1. Start drill press. Set speed control to highest speed. Stop drill press.
- 2. Disconnect electrical power to drill press.

- 3. Remove head cover.
- 4. Remove belt. (With speed control setting at the highest speed, the belt should be loose enough to remove.)
- 5. Install the replacement belt. Install the head cover.
- 6. Connect electrical power to the drill press.
- 7. Operate the drill press to verify correct operation.

Replacement of Motor

WARNING: MAKE SURE TO DISCONNECT ELECTRICAL POWER TO THE DRILL PRESS TO AVOID THE POSSIBILITY OF INADVERTENT OPERATION AND EXPOSURE TO POTENTIALLY LETHAL VOLTAGE LEVELS.

- 1. Disconnect electrical power to drill press.
- 2. Remove drive belt (refer to Replacement of Drive Belt).
- 3. Disconnect electrical wiring from motor junction box.
- 4. Remove nuts and washers from bolts securing motor to drill head. Remove motor.
- 5. Remove pulleys and related components from motor shaft.
- 6. Install pulleys and related components on replacement motor shaft.
- 7. Install motor on mounting bolts and secure with nuts and washers.
- 8. Connect electrical wiring (refer to Wiring Diagram section for wiring details).
- 9. Install drive belt (refer to Replacement of Drive Belt).
- 10. Operate drill press to verify proper operation.

Lubrication

Following are lubrication recommendations for drill press components.

- 1. Spindle pulley drive: Lubricate spindle splines occasionally with light grease.
- 2. Quill, Table, and Column: Lubricate with light film of oil.
- 3. Table lift rack: Lubricate regularly with SAE20 oil (clean rack with solvent before applying oil.)
- 4. Variable speed drive fork: Lubricate contact points occasionally with grease.

Adjustments

Table Adjustment

The table can be raised or lowered to accommodate the height of the component being drilled (refer to Figure 4). To raise or lower the table, loosen the lock handle. Then use the hand crank to move the table to the desired height. Then retighten the lock handle.

Figure 4. Table Adjustment

Head Adjustment

WARNING: CHANGE THE RADIAL POSITION OF THE DRILL HEAD ONLY IF THE DRILL PRESS BASE IS SECURED TO THE FLOOR. SWINGING THE DRILL HEAD WITHOUT THE BASE BEING SECURED TO THE FLOOR WILL CAUSE THE DRILL PRESS TO BECOME UNSTABLE AND TIP OVER RESULTING IN INJURY AND/OR DAMAGE TO THE MACHINE.

The radial position of the drill head can be changed



to accommodate the drilling of a hole that may be offset from the center of the table. Reposition the drill head by loosening the locking handles and swinging the drill head to the desired position. Then retighten the locking handles.

Wiring Diagrams

Refer to Figure 5 for wiring information. The drive motor is115/230 volt single phase or 220/440 volt three phase. Notice: When converting machine voltage, it is necessarry to re-wire the LED display connection accordingly. Refer to figure 5.



Figure 5. Wiring Diagrams

Troubleshooting

| Problem | Possible Cause | Remedy | | |
|-----------------------------|--|---|--|--|
| Spindle does not turn. | Circuit breaker tripped. Branch circuit breaker tripped or fuse blown. Open wire in switch circuit. Defective switch. Broken drive belt. | Reset circuit breaker. Reset branch circuit breaker/replace fuse. Repair open circuit. Repair switch. Replace drive belt. | | |
| Spindle noisy. | Damaged spindle bearings. Worn spline. | Replace bearings. Replace spline. | | |
| Drill stalls. | Worn drive belt. Excessive feed rate for size of drill and material being drilled. No cutting fluid or improper cutting fluid. | Check condition of belt. Replace if glazed or slipping on pulleys. Reduce feed pressure or use cutting fluid. Use correct cutting fluid. | | |
| Poorly drilled holes. | Drill dull. Lack of rigidity in hold-down method. Speed too fast for material and drill size. Feed too fast for material and drill size. No or improper cutting fluid or coolant being used. Improperly ground drill bit. | Sharpen drill. Check that all T-slot hold-downs are tight and that table-lock and drill head bolts are tight. Check spindle speed recom- mendations. Reduce speed if necessary. Reduce feed rate. Use cutting fluid, or change to proper fluid or coolant for material being drilled. Check for proper angles and reliefs. Regrind to proper geometry. | | |
| Motor overheating. | Electrical circuit fault. Oversize drill. Excessive feed. No cutting fluid, or wrong fluid. | Check current draw in circuit. Make sure current draw is the same as rating on motor plate. Reduce drill size. Reduce feed rate. Use correct cutting fluid for the material and drill. | | |
| Table can not be raised. | 1. Lack of lubrication. | 1. Lubricate. | | |
| No speed readout. | 1. Speed pickup out of adjustment or failed. | Adjust gap between speed pickup and post spindle pulley. If there is no readout on the speed indicator, replace the speed pickup. | | |

Replacement Parts

This section provides exploded view illustrations that show the replacement parts for the Wilton 15-Inch Vari-Speed Drill Presses, Models A58 and A38 series. Also provided are parts listings that provide part number, description, and quantity. The item numbers shown on the illustration relate to the item number on the facing page of the parts listing.

Order replacement parts from:

Wilton Corporation 300 South Hicks Road Palatine, IL 60067 TEL: 1-888-594-5866 FAX: 1-800-626-9676

Identify the replacement part by the part number shown in the parts listing. Be sure to include the model number and serial number of your machine when ordering replacement parts to assure that you will receive the correct part.

Exploded View — Head Models: A5816, A5818, A5836, & A5838



Parts List - Head Models A5816, A5818, A5836 and A5838

| No. Number Description Qty No. Number Description Qty 1 550750 Chuck (with Key) 1 55 5604001 Key (Moor) 1 3A 5507405 42 MT x.JT3 Abor 1 55 564101 Variable Speed Pulley (Spindle) 1 4 5053070 Cull Band 1 55 564110 Variable Speed Pulley (Spindle) 1 5 9010541 Set Screw 2 56 9100421 Bearing 1 1 6 9054511 Set Screw 1 1 56 5041701 Speed Change Lever 1 9 5041001 Cull Bearing 1 | | Item | Part | | | Item | Part | | |
|---|---|------|------------|-------------------------------|-----|------|------------|---------------------------------------|-----|
| 1 5507580 Chuck (with Key) 1 53 544 907101 Variable Speed Bell 1 3A 5507496 20014 Store 1 55 5041140 Valable Speed Pulley (Spindle) 1 4 5057496 Spindle Assembly 1 55 5041140 Valable Speed Pulley (Spindle) 1 5 9010541 O-Ring 1 556 51041761 Spindley 1 6 905411 Bearing Relainer 1 53 5041761 Speed Change Lever 1 7 5032611 Bearing Relainer 1 60 9127951 Sockel Sci Screw 1 10 9056481 Wavy Sping Washer 1 61 9057101 Hack and Cap Screw 4 11 907401 Tuacit Kingle Phase) 1 64 5518170 Self Tapping Screw 7 316-24 x 3/8 7 316-24 x 3/8 7 5145145 1420 x 11 1420 x 1 12 5518155 Pokuve | | No. | Number | Description | Qty | No. | Number | Description | Qty |
| 2A 5507495 42 MT & JT3 Afrior 1 54 9077101 Variable Speed Pulley (Spindle) 1 4 5053070 Oulli Band 1 55 50141 Variable Speed Pulley (Spindle) 1 5 901641 O-Ring 1 558 551310 Hex Nut 1 6 9054511 Set Screw 2 56 9010421 Bearing 1 7 5032611 Baaring Relainer 1 55 5041761 Speed Change Nut 1 9 5041010 Cull 1 60 912751 Socket Set Screw 1 10 9058511 Track Rainer 1 61 9057461 Waays Screw 4 114 9074681 Track Rainer 1 61 9057461 Waays Screw 7 316 5518170 Silted Sati Baping Screw 5 63 5042121 Right Mounting Plate 1 17 5517463 Power Cord (3-Phase) 1 685 <td< td=""><td>Ī</td><td>1</td><td>5507580</td><td>Chuck (with Key)</td><td>1</td><td>53</td><td>5042011</td><td>Key (Motor)</td><td>1</td></td<> | Ī | 1 | 5507580 | Chuck (with Key) | 1 | 53 | 5042011 | Key (Motor) | 1 |
| 3A 5507466 Spindle Assembly 1 55 5011140 Valable Speed Pulley (Spindle) 1 5 9010541 O-Ring 1 558 551351 SHCS 1 6 9010541 Set Scrow 2 56 9100421 Bearing 1 7 5032611 Bearing Rotainer 1 53 55114040 Speed Change Nut 1 9 5041010 Quill Turarc Relatiner 1 60 9127951 Spindle Assembly 1 10 905681 Waxy Spring Washer 1 61 9057461 Washer T14 3 114-20 Solded self taping Screw 5 63 5041271 Right Mounting Pitel 1 17 5518157 Power Cord (3-Phase) 1 668 5513513 Spacer, Threaded 1 174 5511458 Wiring Hamess (1-Phase) 1 668 5513518 Piate, Faace 1 174 5518159 Neuro, Magnetic 1 <t< td=""><td></td><td>2A</td><td>5507495</td><td>#2 MT x JT3 Arbor</td><td>1</td><td>54</td><td>9077101</td><td>Variable Speed Belt</td><td>1</td></t<> | | 2A | 5507495 | #2 MT x JT3 Arbor | 1 | 54 | 9077101 | Variable Speed Belt | 1 |
| 4 5053070 Quill Band 1 55A 5513510 Hex Nut 1 5 901541 O-Ring 1 55B 5513511 SHCS 1 6 9054511 Set Screw 2 56 9100421 Bearing 1 7 5032611 Bearing Relatiner 1 58 5041761 Speed Change Rut 1 8 9100331 Bearing 2 59 5041040 Speed Change Rut 1 10 9058561 Wavy Spring Washer 1 14.20 x 12 1 14.20 x 12 1 11 9076981 Hex Jaan Nut 3 62 9052101 Hex Head Cap Screw 7 316 551617 Solted self taping Screw 5 63 5041271 Right Mounting Palte 1 17A 5511815 Procenc (rd: Phase) 1 668 5513513 Spacer, Threaded 1 19A 5507500 Switch (Single Phase) 1 668 5513514 | 1 | 3A | 5507496 | Spindle Assembly | 1 | 55 | 5041140 | Vaiable Speed Pulley (Spindle) | 1 |
| 5 9010541 O-Ring 1 558 551311 SHCS 1 6 9054511 Set Screw 2 56 910421 Bearing 1 1 7 5034701 Bearing 1 58 5041761 Speed Change Rutt 1 9 9008551 Wavy Spring Washer 1 0 9127951 Socket Set Screw 1 10 9058561 Wavy Spring Washer 1 0 9127951 Socket Set Screw 4 11 9074081 Truarc. Retainer 1 61 965461 Washer 1/4 3 16 5518170 Soleted self taping Screw 5 63 5041271 Right Mounting Plate 1 17 5518157 Power Cord (3-Phase) 1 648 5513513 Spacer, Threaded 1 18 5507497 Switch (3-Phase) 1 668 5513515 Pickup, Magnetic 1 19 55145750 Switch (3-Phase) 1 668 <td></td> <td>4</td> <td>5053070</td> <td>Quill Band</td> <td>1</td> <td>55A</td> <td>5513510</td> <td>Hex Nut 1</td> <td></td> | | 4 | 5053070 | Quill Band | 1 | 55A | 5513510 | Hex Nut 1 | |
| 6 9054511 Set Screw 2 5.6 9100321 Bearing 1 7 5032611 Bearing 1 58 5041761 Speed Change Nut 1 8 9100331 Bearing 2 59 5041040 Speed Change Nut 1 9 5041010 Quill 1 60 9127951 Socket Set Screw 1 10 9058561 Wavy Spring Washer 1 61 9057461 Washer 1/4 3 11 9074081 Truzer Relainer 1 61 9057461 Washer 1/4 3 12 5518157 Power Cord (1-Phase) 1 644 5518170 Set Tapping Screw 7 17 5518157 Power Cord (1-Phase) 1 668 5513513 Speacer. Troadod 1 17A 5518158 Wiring Harness (1-Phase) 1 668 5513514 Pickup, Magnetic 1 19A 5507501 Slotted Machine Screw 4 689 5 | 1 | 5 | 9010541 | O-Ring | 1 | 55B | 5513511 | SHCS | 1 |
| 5/16-18 x 3/8 1 9/00331 Bearing 1 5/16-18 x 3/8 1 1 5/16-18 x 3/8 1 1 9 9/00331 Bearing 1 1 5/9 5/041040 Speed Change Luver 1 10 905861 Way Spring Washer 1 6/0 9127951 Socket Set Screw 3 11 9074081 Truarc Retainer 1 6/1 9057461 Washer 1/4 3 16 5518170 Solted Self taping Screw 5 6/3 Solt2101 Hex Head Cap Screw 7 31/6-24 x 3/8 1 6/8 5513513 Self Tapping Screw 7 31/6-24 x 3/8 1 6/8 Solt3513 Spect Trapping Screw 7 31/6-24 x 3/8 1 6/8 Solt3513 Spect Trapping Screw 7 31/6-24 x 3/8 1 6/8 Solt351 Plate 1 1 31/6 <t< td=""><td>1</td><td>6</td><td>9054511</td><td>Set Screw</td><td>2</td><td>56</td><td>9100421</td><td>Bearing 1</td><td></td></t<> | 1 | 6 | 9054511 | Set Screw | 2 | 56 | 9100421 | Bearing 1 | |
| 7 5032411 Bearing Retainer 1 58 5041761 Speed Change Lever 1 9 5041010 Ouill 1 60 912795 Socket Set Sercew 1 10 9058561 Wavy Spring Washer 1 60 912795 Socket Set Sercew 1 11 9074981 Truarc Relainer 1 61 9057461 Washer 1/4 3 13 9056981 Hex Jam Nut 3 62 9052101 Hex Head Cap Screw 4 1/4-20 x 3/16-24 x 3/8 64 5518170 Soft Tapping Screw 7 17 5518157 Power Cord (1-Phase) 1 668 5513513 Spacer. Threaded 1 19A 5507500 Switch (Single Phase) 1 668 5513514 Plate. 1 21 5518158 Wiring Hamess (1-Phase) 1 667 5513514 Plate. 1 24A 5507502 Socket Head Cap Screw 3 697 5513515 | 1 | | | 5/16-18 x 3/8 | | 57 | 9058571 | Spring Washer | 1 |
| 8 9100331 Bearing 2 50 5041040 Speed Change Lever 1 10 9058561 Wavy Spring Washer 1 60 9127951 Socket Set Screw 3 11 9074081 Truarc Retainer 1 61 9057461 Washer 1/4 3 16 5518170 Slotted self taping Screw 5 63 5041271 Right Mounting Plate 1 17 5518157 Power Cord (3-Phase) 1 648 TS-020841 SHC5 51/1-6183/4 2 18A 550750 Switch (3-Phase) 1 668 5513513 Spearer, Trreaded 1 19A 550750 Switch (3-Phase) 1 668 5513514 Plate, Bracket 1 14/2-0 x 1 688 5513515 Pickup, Magnetic 1 1 254 550750 Soited Machine Screw 3 69 5513515 Pickup, Magnetic 1 254 550750 Return Syring Assemby 1 70 5513517 | 1 | 7 | 5032611 | Bearing Retainer | 1 | 58 | 5041761 | Speed Change Nut | 1 |
| 9 5041010 Outility 1 60 9127951 Socket Screw 1 10 905861 Wayy Spring Washer 1 61 9057461 1/4-20 x 1/2 1 13 905698 Hex Jam Nut 3 62 9057461 Washer 1/4 3 14 2005498 Hex Jam Nut 3 62 9057461 Washer 1/4 3 16 5518170 Sloted self taping Screw 5 63 5041271 Right Mounting Plate 1 174 5518176 Power Cord (1-Phase) 1 688 5513513 Spacer, Threaded 1 194 507497 Switch (3-Phase) 1 688 5513513 Spacer, Threaded 1 194 507502 Socket Back Cap Screw 3 694 5513517 Pracket 1 21 5518158 Wring Harness (1-Phase) 1 687 5513517 Bracket, Face Plate 1 24A 5507502 Socket Screw V-2 1 7 | 1 | 8 | 9100331 | Bearing | 2 | 59 | 5041040 | Speed Change Lever | 1 |
| 10 9058861 Wavy Spring Washer 1 1 1/14-20 1/14-20 1/14-20 1/14-20 1/14-20 1/14-20 3 16 5518170 Solted selt aping Screw 5 63 Solt2121 Hex Head Cap Screw 7 17 5518175 Power Cord (1-Phase) 1 64 5513513 Spacer, Threaded 1 18A 5507500 Switch (Single Phase) 1 68R Ts-coze041 Hax Magnetic 1 19A 5507501 Switch (3-Phase) 1 68B 5513513 Spacer, Threaded 1 114-20 X 1 68F 5513515 Picke, Bracket 1 19A 5507501 Switch (3-Phase) 1 68F 5513515 Spicer, Threaded 1 21 5518158 Wiring Hamess (1-Phase) 1 68F 5513517 Bracket, Face Plate 1 24A 5507504 Njion Nut 1 70A 5513517 Bracket, Face Plate 1 2507505 | 1 | 9 | 5041010 | Quill | 1 | 60 | 9127951 | Socket Set Screw | 1 |
| 11 9074081 Truärc Retainer 1 61 9057461 Washer 1/4 3 13 905698 Hex Jam Nut 3 62 9052101 Hex Head Cap Screw 4 16 5518170 Sloted self taping Screw 5 63 5041271 Right Mounting Plate 1 17 5518175 Power Cord (1-Phase) 1 64 5518174 Self Tapping Screw 7 17A 5517457 Power Cord (1-Phase) 1 668 5513515 Proceew 1 19A 5507500 Sloted Machine Screw 4 680 5513515 Plate, Bracket 1 19A 5507501 Sloted Machine Screw 4 687 5513515 Plate, Bracket 1 21 5518158 Wing Harness (1-Phase) 1 668 5513517 Bracket, Face Plate 1 224 5507502 Socket Head Cap Screw 3 694 5513517 Bracket, Face Plate 1 23 5041050 Speed Chang | 1 | 10 | 9058561 | Wavy Spring Washer | 1 | | | 1/4-20 x 1/2 | |
| 13 9056981 Hex Jam Nut 3 62 9052101 Hex Head Cap Screw 4 16 5518170 Sloted self taping Screw 5 63 5041271 Right Mounting Plate 1 17 5518157 Power Cord (1-Phase) 1 64 5518170 Self Taping Screw 7 18A 5507500 Switch (Single Phase) 1 68A TS-0208041 SHCS 5/1-18X3/4 2 19A 5507501 Sloted Machine Screw 4 68D 5513515 Pickup, Magnetic 1 144-20 X 1 68F 5513515 Screw 2 2 21 5518750 Switch (3-Phase) 1 68F 5513515 Pickup, Face Plate 1 24A 5507502 Socket Head Cap Screw 3 69A 5513519 Plate, Face Plate 1 25A 5507502 Socket Head Cap Screw 1 70A 5513519 LED Display 1Ph 1 26A 507504 Njon Nui 1 70A | | 11 | 9074081 | Truarc Retainer | 1 | 61 | 9057461 | Washer 1/4 | 3 |
| 16 5518170 Sloted soft aping Screw 3/16-24 x 3/8 5 63 5041271 Right Mounting Plate Self Tapping Screw 3/16-24 x 3/8 1 17A 5518157 Power Cord (1-Phase) 1 64 5518157 Self Tapping Screw 3/16-24 x 3/8 2 17A 5517463 Power Cord (3-Phase) 1 668 5513513 Spacer. Threaded 1 19A 5507501 Solted Machine Screw 4 68D 5513515 Plate, Bracket 1 19A 5507502 Soctel Head Cap Screw 3 69 5041320 Cover, Pulley 1 24A 5507502 Socket Head Cap Screw 3 69 5041320 Cover, Pulley 1 25A 5507503 Return Spring Assemiby 1 70 5513518 Bracket, Face Plate 1 27A 913311 Lock Screw 1/4-20 x 1 2 5513510 ED Display 3Ph 5041000 28 5041050 Speed Change Housing 1 76 5518172 Lock Mouning Plate 1 | 1 | 13 | 9056981 | Hex Jam Nut | 3 | 62 | 9052101 | Hex Head Cap Screw | 4 |
| 16 5518170 Sloted self taping Screw 5 63 5041271 Right Mounting Plate 1 17 5518157 Power Cord (1-Phase) 1 64 5518157 Self Taping Screw 7 17A 5517463 Power Cord (1-Phase) 1 68A TS-0208041 Self Taping Screw 7 18A 5507500 Switch (3-Phase) 1 68B 5513151 Spacer, Threaded 1 19A 5507501 Slotted Machine Screw 4 68D 5513515 Plate, Bracket 1 14-20 x 1 68F 5513515 Plate, Bracket, Face Plate 1 1 24A 5507503 Neturn Spring Assemiby 1 70 5513151 Plate, Face 1 25A 5507504 Nylon Nut 170 551373 Blate 1 1 29 9127731 Socket Set Screw 1 72 9056771 Hex Jam Nut 3/8-16 1 31 1000771 Lock Nut Assembly 1 75 | 1 | | | 1/4-20 | | | | 1/4-20 x 1 | |
| 3/16-24 x3/8 64 5518170 Set Tapping Screw 3/16-24 x 3/8 7 17A 5518157 Power Cord (1-Phase) 1 68 TS-0208041 SHCS 5/16-18x3/4 2 18A 5507500 Switch (Single Phase) 1 68B 5513513 Spacer, Threaded 1 19A 5507501 Slotted Machine Screw 4 68E 5513515 Pickup, Magnetic 1 19A 5507501 Slotted Machine Screw 4 68E 5513515 Pickup, Magnetic 1 21 5518158 Wiring Harness (1-Phase) 1 69 5041320 Cover, Pulley 1 25A 5507503 Return Spring Assemiby 1 70 5513518 Piate, Face 1 279 932771 Socket Set Screw 1 72 9056771 Hex Jan Nut 3/8-16 1 29 912773 Socket Set Screw 1 75 5041000 Head Lock (Plain Side) 1 76 5513512 Screw 1 31 | 1 | 16 | 5518170 | Sloted self taping Screw | 5 | 63 | 5041271 | Right Mounting Plate | 1 |
| 17A 5518157 Power Cord (1-Phase) 1 68A TS-0208041 SHCS 5/16-18x3/4 2 18A 5507500 Switch (Single Phase) 1 68B 5513513 Spacer, Threaded 1 19A 5507507 Switch (Single Phase) 1 68C 5513514 Plate, Bracket 1 19A 5507507 Switch (3-Phase) 1 68E 5513515 Pickup, Magnetic. 1 19A 5507502 Socket Head Cap Screw 3 69A 5513517 Bracket, Face Plate 1 25A 5507503 Return Spring Assemiby 1 70A 5513518 Plate, Face 1 27A 9135311 Lock Screw 1/4-20 x 1 2 5513520 Screw, Locking 1 27A 9135311 Lock Screw 1/4-20 x 1 2 5513520 Screw, Locking 1 27A 9135311 Lock Screw 1/4-20 x 1 2 551376 LED Display 3 Ph 1 28 5041500 Speed Change Housing 1 75 5041000 Head Lock (Piain Side) 1 30 0 | 1 | | | 3/16-24 x 3/8 | | 64 | 5518170 | Self Tapping Screw | 7 |
| 17A 5517463 Power Cord (3-Phase) 1 68A T5-0208041 Stacer, Threaded 1 18A 5507500 Switch (Single Phase) 1 68B 5513131 Spacer, Threaded 1 19A 5507497 Switch (Single Phase) 1 68E 5513151 Plate, Bracket 1 19A 5507501 Solted Machine Screw 4 68D 5513151 Plate, Bracket 1 21 5513157 Wiring Harness (1-Phase) 1 69F 5513175 Plate, Face Plate 1 25A 5507503 Return Spring Assemiby 1 70 5513151 Plate, Face 1 26A 5507504 Nylon Nut 1 70A 5513736 LED Display 1Ph 1 27 9153736 Scket Set Set Set W 1 76 5513746 1 28 5041050 Speed Change Housing 1 77 9052771 Hex Jam Nut 3/8-16 1 30 5024541 Head Lock (Plain Side) < | | 17 | 5518157 | Power Cord (1-Phase) | 1 | | | 3/16-24 x 3/8 | |
| 18A 5507500 Switch (Single Phase) 1 68B 5513513 Space: Threaded 1 19A 5507501 Slotted Machine Screw 4 68D 5513514 Plate, Bracket 1 21 5518158 Wiring Harness (1-Phase) 1 68E 5513516 Screw 2 24A 5507502 Socket Head Cap Screw 3 69F 5513518 Plate, Face 1 25A 5507503 Reiturn Spring Assemitby 1 70A 5513519 LED Display 1Ph 1 27 913511 Lock Screw 1/4-20 x 1 2 5513520 Screw, Locking 1 28 5041500 Speed Change Housing 1 70B 5513512 Let Market, Face 1 30 5024541 Head Lock (Plain Side) 1 76 5513172 Lett Mounting Plate 1 31 1000771 Lock Nut Assembly 1 77 905281 Socket Set Screw 1 32 5041071 Speed Change Shaft | | 17A | 5517463 | Power Cord (3-Phase) | 1 | 68A | TS-0208041 | SHCS 5/16-18x3/4 | 2 |
| 5507497 Switch (3-Phase) 1 68C 5513514 Pickup, Magnetic 1 19A 5507501 Slotted Machine Screw 4 68D 5513515 Pickup, Magnetic 1 21 5518158 Wiring Harness (1-Phase) 1 68E 5513516 Screw 2 24A 5507502 Socket Head Cap Screw 3 69A 5513517 Bracket, Face Plate 1 25A 5507503 Return Spring Assemiby 1 70A 5513517 Bracket, Face Plate 1 26A 5507504 Nylon Nut 1 70A 5513517 Bracket, Face Plate 1 27 9135311 Lock Screw 1/4-20 x 1 2 5504107 Head Casting 1 29 9127731 Socket Set Screw 1 75 5041000 Head Casting 1 30 5024541 Head Lock (Plain Side) 1 76 5518172 Left Mounting Plate 1 33 9053661 Retainer 1 78 | 1 | 18A | 5507500 | Switch (Single Phase) | 1 | 68B | 5513513 | Spacer, Threaded | 1 |
| 19A 5507501 Slotted Machine Screw 4 68D 5513515 Screw 1 21 5518158 Wiring Harness (1-Phase) 1 68F 5513516 Screw 2 24A 5507503 Return Spring Assemiby 1 69F 5513517 Bracket, Face Plate 1 25A 5507503 Return Spring Assemiby 1 70 5513518 Plate 1 26A 5507504 Nylon Nut 1 70A 5513517 Bracket, Face Plate 1 27 9135311 Lock Screw 1/4-20 x 1 2 5513520 Screw, Locking 1 28 5041505 Speed Change Housing 1 77 50514000 Head Lock (Plain Side) 1 76 5518172 Left Mounting Plate 1 30 5024541 Head Lock (Plain Side) 1 77 50520711 Socket Set Screw 1 31 1000771 Lock Nut Assembly 1 77 5052071 Socket Set Screw 1 <tr< td=""><td>1</td><td></td><td>5507497</td><td>Switch (3-Phase)</td><td>1</td><td>68C</td><td>5513514</td><td>Plate, Bracket</td><td>1</td></tr<> | 1 | | 5507497 | Switch (3-Phase) | 1 | 68C | 5513514 | Plate, Bracket | 1 |
| 1/4-20 x 1 68E 5513516 Screw 2 21 5518158 Wiring Harness (1-Phase) 1 68F 5513521 Plate 1 24A 5507502 Socket Head Cap Screw 3 69A 5513517 Bracket, Face Plate 1 25A 5507504 Nylon Nut 1 70A 5513519 LED Display 1Ph 1 26A 5507504 Nylon Nut 1 70A 5513519 LED Display 3Ph 1 27 9135311 Lock Screw 1/4-20 x 1 2 5513520 Screw Locking 1 29 912731 Socket Set Screw 1 72 9056771 Hex Jam Nut 3/8-16 1 30 5024541 Head Lock (Plain Side) 1 76 5518172 Left Mounting Plate 1 31 1000771 Lock Nut Assembly 1 77 905281 Socket Set Screw 1 33 905361 Retainer 1 78 TS-0267101 Socket Set Screw 1 | 1 | 19A | 5507501 | Slotted Machine Screw | 4 | 68D | 5513515 | Pickup, Magnetic | 1 |
| 21 5518158 Wiring Harness (1-Phase) 1 68F 5513217 Plate 1 24A 5507502 Socket Head Cap Screw 3 69A 5513517 Bracket, Face Plate 1 25A 5507503 Return Spring Assemby 1 70A 5513517 Bracket, Face Plate 1 26A 5507504 Nylon Nut 1 70A 5513517 Bracket, Face Plate 1 27 913511 Lock Screw 144-20 x 1 2 5513736 LED Display 3 Ph 1 28 5041050 Speed Change Housing 1 77B 5513517 Bracket, Face Plate 1 30 5024541 Head Lock (Plain Side) 1 76 5518172 Left Mounting Plate 1 31 1000771 Lock Nut Assembly 1 77 9052871 Socket Set Screw 1 33 9053661 Retainer 1 78 TS-0267101 Socket Set Screw 1 34 5041201 Bearing 2 <td></td> <td></td> <td></td> <td>1/4-20 x 1</td> <td></td> <td>68E</td> <td>5513516</td> <td>Screw</td> <td>2</td> | | | | 1/4-20 x 1 | | 68E | 5513516 | Screw | 2 |
| 5517457 Wiring Harness (3-Phase) 1 69 5041320 Cover, Pulley 1 24A 5507502 Socket Head Cap Screw 3 69A 5513518 Plate, Face Plate 1 25A 5507503 Return Spring Assembly 1 70 5513518 Plate, Face 1 26A 5507504 Nylon Nut 1 70A 5513518 Plate, Face 1 27 9135311 Lock Screw 14-20 x 1 2 5513520 Screw, Locking 1 29 9127731 Socket Set Screw 1 72 9056771 Hex Jam Nut 3/8-16 1 30 5024541 Head Lock (Plain Side) 1 76 5518172 Left Mounting Plate 1 31 1000771 Lock Nut Assembly 1 77 9052831 Socket Set Screw 1 33 9053661 Retainer 1 78 TS-0267101 Socket Set Screw 1 34 5041201 Bearing 3 3 551337 | | 21 | 5518158 | Wiring Harness (1-Phase) | 1 | 68F | 5513521 | Plate | 1 |
| 24A 5507502 Socket Head Cap Screw 3 69A 5513517 Bracket, Face Plate 1 25A 5507503 Return Spring Assembly 1 70 5513518 Plate, Face 1 27 9135311 Lock Screw 1/4-20 x 1 2 5513510 LED Display 1Ph 1 28 5041050 Speed Change Housing 1 70B 5513520 Screw, Locking 1 29 9127731 Socket Set Screw 1 72 90536711 Head Casting 1 30 5024541 Head Lock (Plain Side) 1 77 9052831 Socket Set Screw 1 31 1000771 Lock Nut Assembly 1 77 9052831 Socket Set Screw 1 34 5041201 Bearing 2 80 9052971 Socket Set Screw 1 35 910321 Bearing 2 80 9052971 Socket Set Screw 1 36 9070291 Knob 3 81 <t< td=""><td></td><td></td><td>5517457</td><td>Wiring Harness (3-Phase)</td><td>1</td><td>69</td><td>5041320</td><td>Cover, Pulley</td><td>1</td></t<> | | | 5517457 | Wiring Harness (3-Phase) | 1 | 69 | 5041320 | Cover, Pulley | 1 |
| 25A 5507503 Return Spring Assembly 1 70 5513518 Plate, Face 1 26A 5507504 Nylon Nut 1 70A 5513519 LED Display 1Ph 1 27 9135311 Lock Screw 1/4-20 x 1 2 5513736 ED Display 3 Ph 1 28 5041050 Speed Change Housing 1 70B 5513736 Screw, Locking 1 29 9127731 Socket Set Screw 1 72 905711 Hex Jam Nut 3/8-16 1 30 5024541 Head Lock (Plain Side) 1 76 5518172 Left Mounting Plate 1 31 1000771 Lock Nut Assembly 1 77 9052811 Socket Set Screw 1 33 9053661 Retainer 1 78 TS-0267101 Socket Set Screw 1 36 9070291 Knob 3 81 5031101 Socket Set Screw 1 38 5507827 Feed Shaft Assembly 1 82 | | 24A | 5507502 | Socket Head Cap Screw | 3 | 69A | 5513517 | Bracket, Face Plate | 1 |
| 26A 5507504 Nylon Nut 1 70A 5513519 LED Display 1Ph 1 27 9135311 Lock Screw 1/4-20 x 1 2 5513736 LED Display 3 Ph 1 28 5041050 Speed Change Housing 1 72 9056771 Hex Jam Nut 3/8-16 1 29 9127731 Socket Set Screw 1 75 5041000 Head Casting 1 30 5024541 Head Lock (Plain Side) 1 76 5518772 Left Mounting Plate 1 31 1000771 Lock Nut Assembly 1 77 9052831 Socket Set Screw 1 32 5041071 Speed Change Shaft 1 78 TS-0267101 Socket Set Screw 1 34 5041201 Bearing 2 80 9052971 Socket Set Screw 1 36 9070291 Knob 3 81 5034111 Hand Wheel 1 37 5053000 Spoke 3 81 5034111 | 1 | 25A | 5507503 | Return Spring Assemlby | 1 | 70 | 5513518 | Plate, Face | 1 |
| 27 9135311 Lock Screw 1/4-20 x 1 2 5513736 LED Display 3 Ph 28 5041050 Speed Change Housing 1 70B 5513736 LED Display 3 Ph 29 9127731 Socket Set Screw 1 72 9056771 Hex Jam Nut 3/8-16 1 30 5024541 Head Lock (Plain Side) 1 76 5518172 Left Mounting Plate 1 31 1000771 Lock Nut Assembly 1 77 9052871 Socket Set Screw 1 32 5041071 Speed Change Shaft 1 78 TS-0267101 Socket Set Screw 1 34 5041201 Bearing Spacer 1 78 TS-0267101 Socket Set Screw 1 36 9070291 Knob 3 81 5034111 Had Wheel 1 37 5053000 Spoke 3 81 5034111 Hac Nut 7/16-14 1 40 5053100 Rod, Graduated 1 87 5041470 Collar </td <td>1</td> <td>26A</td> <td>5507504</td> <td>Nylon Nut</td> <td>1</td> <td>70A</td> <td>5513519</td> <td>LED Display 1Ph</td> <td>1</td> | 1 | 26A | 5507504 | Nylon Nut | 1 | 70A | 5513519 | LED Display 1Ph | 1 |
| 28 5041050 Speed Change Housing 1 70B 5513520 Screw, Locking 1 29 9127731 Socket Set Screw 1 72 9056771 Hex Jam Nut 3/8-16 1 30 5024541 Head Lock (Plain Side) 1 76 5518172 Left Mounting Plate 1 31 1000771 Lock Nut Assembly 1 77 9052831 Socket Set Screw 1 33 9053661 Retainer 1 78 TS-0267101 Socket Set Screw 1 34 5041201 Bearing 2 80 9052971 Socket Set Screw 1 36 9070291 Knob 3 81 5034111 Han Wheel 1 39 5513378 Hi/Lo Speed Direction Plate 1 86 9129051 Hex Nut 7/16-14 1 40 5053000 Sock Graduated 1 87 5034260 Motor Mounting Bracket 1 41 9056381 Jam Nut 5/8-11 3 | 1 | 27 | 9135311 | Lock Screw 1/4-20 x 1 | 2 | | 5513736 | LED Display 3 Ph | |
| 29 9127731 Socket Set Screw 1 72 9056771 Hex Jam Nut 3/8-16 1 30 5024541 Head Lock (Plain Side) 1 76 5518172 Left Mounting Plate 1 31 1000771 Lock Nut Assembly 1 76 5518172 Left Mounting Plate 1 32 5041001 Speed Change Shaft 1 77 9052831 Socket Set Screw 1 34 5041201 Bearing Spacer 1 78 TS-0267101 Socket Set Screw 1 36 9070291 Knob 3 81 5034111 Hand Wheel 1 38 5507827 Feed Shaft Assembly 1 82 5513737 Shaft speed change lever 1 39 5513378 Hi/Lo Speed Direction Plate 1 86 9128071 Hex Nut 7/16-14 1 41 9056381 Jam Nut 5/8-11 3 88 9128071 Hex Neut Acad Cap Screw 1 42 9128611 Hex Head Cap Scre | 1 | 28 | 5041050 | Speed Change Housing | 1 | 70B | 5513520 | Screw, Locking | 1 |
| 5/16-18 x 5/16 75 5041000 Head Casting 1 30 5024541 Head Lock (Plain Side) 1 76 5518172 Left Mounting Plate 1 31 1000771 Lock Nut Assembly 1 77 9052831 Socket Set Screw 1 32 5041001 Bearing Spacer 1 78 TS-0267101 Socket Set Screw 1 34 5041201 Bearing Spacer 1 78 TS-0267101 Socket Set Screw 1 36 9070291 Knob 3 81 5034111 Hand Wheel 1 38 5507827 Feed Shaft Assembly 1 82 5513737 Shaft speed change lever 1 39 5513378 Hi/Lo Speed Direction Plate 1 86 9128071 Hex Nut 7/16-14 1 41 9056381 Jam Nut 5/8-11 3 88 9128071 Hex Nut 7/16-14 1 42 9128611 Hex Head Cap Screw 1 7/16-18 x 3/2 1 | 1 | 29 | 9127731 | Socket Set Screw | 1 | 72 | 9056771 | Hex Jam Nut 3/8-16 | 1 |
| 30 5024541 Head Lock (Plain Side) 1 76 5518172 Left Mounting Plate 1 31 1000771 Lock Nut Assembly 1 77 9052831 Socket Set Screw 1 32 5041071 Speed Change Shaft 1 78 TS-0267101 Socket Set Screw 1 33 9053661 Retainer 1 78 TS-0267101 Socket Set Screw 1 34 5041201 Bearing 2 80 9052971 Socket Set Screw 1 36 9070291 Knob 3 81 5034111 Hand Wheel 1 38 5507827 Feed Shaft Assembly 1 82 5513737 Shaft speed change lever 1 39 5513378 Hi/Lo Speed Direction Plate 1 86 9129051 Hex Nead Cap Screw 1 41 9056381 Jam Nut 5/8-11 3 88 9128071 Hex Head Cap Screw 1 42 9128611 Hex Head Cap Screw | 1 | | | 5/16-18 x 5/16 | | 75 | 5041000 | Head Casting | 1 |
| 31 1000771 Lock Nut Assembly 1 77 9052831 Socket Set Screw 1 32 5041071 Speed Change Shaft 1 78 TS-0267101 Socket Set Screw 1 34 5041201 Bearing Spacer 1 78 TS-0267101 Socket Set Screw 1 35 9100321 Bearing 2 80 9052971 Socket Set Screw 1 36 9070291 Knob 3 81 5034111 Hand Wheel 1 37 5053000 Spoke 3 81 5034111 Hand Wheel 1 38 5507827 Feed Shaft Assembly 1 82 5513173 Shaft speed change lever 1 40 5053100 Rod, Graduated 1 87 5041470 Collar 1 41 9056381 Jam Nut 5/8-11 3 88 9128071 Hex Head Cap Screw 1 42 9128611 Hex Head Cap Screw 1 77 505050 | 1 | 30 | 5024541 | Head Lock (Plain Side) | 1 | 76 | 5518172 | Left Mounting Plate | 1 |
| 32 5041071 Speed Change Shaft 1 78 TS-0267101 Socket Set Screw 1 33 9053661 Retainer 1 78 TS-0267101 Socket Set Screw 1 34 5041201 Bearing Spacer 1 1 78 TS-0267101 Socket Set Screw 1 35 9100321 Bearing 2 80 9052971 Socket Set Screw 1 36 9070291 Knob 3 81 5034111 Hand Wheel 1 37 5053000 Spoke 3 81 5034111 Hand Wheel 1 38 5507827 Feed Shaft Assembly 1 82 5513737 Shaft speed change lever 1 40 5053100 Rod, Graduated 1 87 5041470 Collar 1 41 9956381 Jam Nut 5/8-11 3 88 9128071 Hex Head Cap Screw 1 42 9128611 Hex Head Cap Screw 1 75-0680032 <td>1</td> <td>31</td> <td>1000771</td> <td>Lock Nut Assembly</td> <td>1</td> <td>77</td> <td>9052831</td> <td>Socket Set Screw</td> <td>1</td> | 1 | 31 | 1000771 | Lock Nut Assembly | 1 | 77 | 9052831 | Socket Set Screw | 1 |
| 33 9053661 Retainer 1 78 TS-0267101 Socket Set Screw 1 34 5041201 Bearing Spacer 1 1 1/4-20 x 1-1/4 1 35 9100321 Bearing 2 80 9052971 Socket Set Screw 1 36 9070291 Knob 3 81 5034111 Hand Wheel 1 37 5053000 Spoke 3 81 5034111 Hand Wheel 1 39 5513378 Hi/Lo Speed Direction Plate 1 86 9129051 Hex Nut 7/16-14 1 40 5053100 Rod, Graduated 1 87 5041470 Collar 1 41 9056381 Jam Nut 5/8-11 3 88 9128071 Hex Head Cap Screw 1 1/2-12 x 4 89 5032560 Motor Mounting Bracket 1 44 TS-0270031 set Screw 4 96 5507505 Return Spring Bracket 1 45 5032781 Motor Plate Bar 4 97 5507505 Switch Mounting Plate | 1 | 32 | 5041071 | Speed Change Shaft | 1 | | | 3/8-16 x 1 | |
| 34 5041201 Bearing Spacer 1 1 1/4-20 x 1-1/4 35 9100321 Bearing 2 80 9052971 Socket Set Screw 1 36 9070291 Knob 3 3 5/16-18 x 5/16 1 37 5053000 Spoke 3 81 5034111 Hand Wheel 1 38 5507827 Feed Shaft Assembly 1 82 5513737 Shaft speed change lever 1 40 5053100 Rod, Graduated 1 86 9129051 Hex Nut 7/16-14 1 41 9056381 Jam Nut 5/8-11 3 88 9128071 Hex Head Cap Screw 1 42 9128611 Hex Head Cap Screw 1 7/16-14 x 3-1/2 1 1/2-12 x 4 1 89 5032560 Motor Mounting Bracket 1 44 TS-0270031 set Screw 4 96 5507505 Return Spring Bracket 1 45 5032781 Motor Plate Bar | 1 | 33 | 9053661 | Retainer | 1 | 78 | TS-0267101 | Socket Set Screw | 1 |
| 35 9100321 Bearing 2 80 9052971 Socket Set Screw 1 36 9070291 Knob 3 3 81 5034111 Hand Wheel 1 37 5053000 Spoke 3 81 5034111 Hand Wheel 1 38 5507827 Feed Shaft Assembly 1 82 5513737 Shaft speed change lever 1 40 5053100 Rod, Graduated 1 86 9129051 Hex Nut 7/16-14 1 41 9056381 Jam Nut 5/8-11 3 88 9128071 Hex Head Cap Screw 1 42 9128611 Hex Head Cap Screw 1 89 5032560 Motor Mounting Bracket 1 44 TS-0270031 set Screw 4 94 TS-0680032 Washer 5/16 4 45 5032781 Motor Plate Bar 4 97 5507507 Return Spring Bracket 1 47 TS-0152051 Carriage Bolt 5/16-18 x 2 4 98 5507507 Switch Mounting Plate 1 48 905 | 1 | 34 | 5041201 | Bearing Spacer | 1 | | | 1/4-20 x 1-1/4 | |
| 36 9070291 Knob 3 3 55716-18 x 5/16 37 5053000 Spoke 3 81 5034111 Hand Wheel 1 38 5507827 Feed Shaft Assembly 1 82 5513737 Shaft speed change lever 1 39 5513378 Hi/Lo Speed Direction Plate 1 86 9129051 Hex Nut 7/16-14 1 40 5053100 Rod, Graduated 1 87 5041470 Collar 1 41 9056381 Jam Nut 5/8-11 3 88 9128071 Hex Head Cap Screw 1 42 9128611 Hex Head Cap Screw 1 7/16-14 x 3-1/2 1 44 TS-0270031 set Screw 4 94 TS-0680032 Washer 5/16 4 45 5032781 Motor Plate Bar 4 97 5507507 Drift Pin 1 46 905111 Whiz Flange Locknut 4 98 5507505 Switch Mounting Plate 1 | 1 | 35 | 9100321 | Bearing | 2 | 80 | 9052971 | Socket Set Screw | 1 |
| 37 5053000 Spoke 3 81 5034111 Hand Wheel 1 38 5507827 Feed Shaft Assembly 1 82 5513737 Shaft speed change lever 1 39 5513378 Hi/Lo Speed Direction Plate 1 86 9129051 Hex Nut 7/16-14 1 40 5053100 Rod, Graduated 1 87 5041470 Collar 1 41 9056381 Jam Nut 5/8-11 3 88 9128071 Hex Nut 7/16-14 x 3-1/2 7/16- | 1 | 36 | 9070291 | Knob | 3 | | | 5/16-18 x 5/16 | |
| 38 5507827 Feed Shaft Assembly 1 82 5513/37 Shaft speed change lever 1 39 5513378 Hi/Lo Speed Direction Plate 1 86 9129051 Hex Nut 7/16-14 1 40 5053100 Rod, Graduated 1 87 5041470 Collar 1 41 9056381 Jam Nut 5/8-11 3 88 9128071 Hex Head Cap Screw 1 42 9128611 Hex Head Cap Screw 1 89 5032560 Motor Mounting Bracket 1 44 TS-0270031 set Screw 4 94 TS-0680032 Washer 5/16 4 45 5032781 Motor Plate Bar 4 97 5507507 Return Spring Bracket 1 46 9057111 Whiz Flange Locknut 4 98 5507506 Switch Mounting Plate 1 47 TS-0152051 Carriage Bolt 5/16-18 x 2 4 99 5507527 Quill Assembly (Note 1) 1 48 9056171 Carriage Bolt 5/16-18 x 1-1/2 2 100 5514604 Motor, | 1 | 37 | 5053000 | Spoke | 3 | 81 | 5034111 | Hand Wheel | 1 |
| 39 5513378 Hi/Lo Speed Direction Plate 1 86 9129051 Hex Nut //16-14 1 40 5053100 Rod, Graduated 1 87 5041470 Collar 1 41 9056381 Jam Nut 5/8-11 3 88 9128071 Hex Head Cap Screw 1 42 9128611 Hex Head Cap Screw 1 89 5032560 Motor Mounting Bracket 1 44 TS-0270031 set Screw 4 94 TS-0680032 Washer 5/16 4 45 5032781 Motor Plate Bar 4 96 5507505 Return Spring Bracket 1 46 9057111 Whiz Flange Locknut 4 98 5507506 Switch Mounting Plate 1 47 TS-0152051 Carriage Bolt 5/16-18 x 2 4 99 5507527 Quill Assembly (Note 1) 1 48 9056171 Carriage Bolt 5/16-18 x 1-1/2 4 100 5507812 Motor, 1 PH 115/220 1725 RPM 60 Hz 1 49 90566841 Hex Nut 1/2-12 2 5507813 Motor, 3 PH 220/440 | 1 | 38 | 5507827 | Feed Shaft Assembly | 1 | 82 | 5513/3/ | Shaft speed change lever | 1 |
| 40 5053100 Rod, Graduated 1 87 5041470 Collar 1 41 9056381 Jam Nut 5/8-11 3 88 9128071 Hex Head Cap Screw 1 42 9128611 Hex Head Cap Screw 1 89 5032560 Motor Mounting Bracket 1 44 TS-0270031 set Screw 4 94 TS-0680032 Washer 5/16 4 45 5032781 Motor Plate Bar 4 96 5507505 Return Spring Bracket 1 46 9057111 Whiz Flange Locknut 4 98 5507506 Switch Mounting Plate 1 47 TS-0152051 Carriage Bolt 5/16-18 x 2 4 99 5507527 Quill Assembly (Note 1) 1 48 9056171 Carriage Bolt 5/16-18 x 2 4 100 5507812 Motor, 1 PH 115/220 1725 RPM 60 Hz 1 49 9058051 Split Lock Washer 1/2 ID 2 5514604 Motor, 3 PH 220/440 1725 RPM 50 Hz 1 52 9054621 Socket Set Screw 1/4-20 x 1/2 2 4 5507813 | 1 | 39 | 5513378 | Hi/Lo Speed Direction Plate | 1 | 86 | 9129051 | Hex Nut 7/16-14 | 1 |
| 41 9056381 Jam Nut 5/8-11 3 3 88 9128071 Hex Head Cap Screw 1 42 9128611 Hex Head Cap Screw 1 89 5032560 Motor Mounting Bracket 1 44 TS-0270031 set Screw 4 94 TS-0680032 Washer 5/16 4 45 5032781 Motor Plate Bar 4 96 5507505 Return Spring Bracket 1 46 9057111 Whiz Flange Locknut 4 98 5507506 Switch Mounting Plate 1 47 TS-0152051 Carriage Bolt 5/16-18 x 2 4 99 5507527 Quill Assembly (Note 1) 1 48 9056171 Carriage Bolt 5/16-18 x 1-1/2 4 100 5507812 Motor, 1 PH 115/220 1725 RPM 60 Hz 1 49 90568051 Split Lock Washer 1/2 ID 2 5507813 Motor, 3 PH 220/440 1725 RPM 50/60 Hz 1 51 5041170 Variable Speed Pulley (Motor) 1 5507813 Motor, 3 PH 220/440 1725 RPM 50/60 Hz 1 52 9054621 Socket Set Sc | 1 | 40 | 5053100 | Rod, Graduated | 1 | 87 | 5041470 | Collar | |
| 42 9128611 Hex Head Cap Screw 1 89 5032560 Motor Mounting Bracket 1 44 TS-0270031 set Screw 4 94 TS-0680032 Washer 5/16 4 45 5032781 Motor Plate Bar 4 96 5507505 Return Spring Bracket 1 46 9057111 Whiz Flange Locknut 4 98 5507506 Switch Mounting Plate 1 47 TS-0152051 Carriage Bolt 5/16-18 x 2 4 99 5507527 Quill Assembly (Note 1) 1 48 9056171 Carriage Bolt 5/16-18 x 1-1/2 4 100 5507812 Motor, 1 PH 115/220 1725 RPM 60 Hz 1 49 9058051 Split Lock Washer 1/2 ID 2 5507813 Motor, 3 PH 220/440 1 51 5041170 Variable Speed Pulley (Motor) 1 5507813 Motor, 3 PH 220/440 1 52 9054621 Socket Set Screw 1/4-20 x 1/2 2 4 4 100 1725 RPM 50/60 Hz 1 | 1 | 41 | 9056381 | Jam Nut 5/8-11 | 3 | 88 | 9128071 | Hex Head Cap Screw | 1 |
| 44 TS-0270031 set Screw 4 94 TS-0680032 Washer 5/16 4 45 5032781 Motor Plate Bar 4 96 5507505 Return Spring Bracket 1 46 9057111 Whiz Flange Locknut 4 98 5507506 Switch Mounting Plate 1 47 TS-0152051 Carriage Bolt 5/16-18 x 2 4 98 5507507 Drift Pin 1 48 9056171 Carriage Bolt 4 98 5507812 Motor, 1 PH 115/220 100 49 9058051 Split Lock Washer 1/2 ID 2 5514604 Motor, 1PH 115/220 1 49 9056841 Hex Nut 1/2-12 2 2 5507813 Motor, 3 PH 220/440 1 52 9054621 Socket Set Screw 1/4-20 x 1/2 2 4 5507813 Motor, 3 PH 220/440 1 | 1 | 42 | 9128611 | Hex Head Cap Screw | 1 | 00 | 5022570 | //16-14 X 3-1/2 | 1 |
| 44 TS-0270031 set Screw 4 94 15-0680032 Washer 5/16 4 45 5032781 Motor Plate Bar 4 96 5507505 Return Spring Bracket 1 46 9057111 Whiz Flange Locknut 4 98 5507506 Switch Mounting Plate 1 47 TS-0152051 Carriage Bolt 5/16-18 x 2 4 99 5507527 Quill Assembly (Note 1) 1 48 9056171 Carriage Bolt 5/16-18 x 1-1/2 4 100 5507812 Motor, 1 PH 115/220 1725 RPM 60 Hz 1 49 9058051 Split Lock Washer 1/2 ID 2 5514604 Motor, 1PH 115/220 1725 RPM 50 Hz 1 52 9056841 Hex Nut 1/2-12 2 5507813 Motor, 3 PH 220/440 1 52 9054621 Socket Set Screw 1/4-20 x 1/2 2 4 5507813 Motor, 3 PH 220/440 1 | 1 | | | 1/2-12 x 4 | | 89 | 5032560 | Motor Mounting Bracket | |
| 45 5032781 Motor Plate Bar 4 97 5507507 Drift Pin 1 46 9057111 Whiz Flange Locknut 4 98 5507506 Switch Mounting Plate 1 47 TS-0152051 Carriage Bolt 5/16-18 x 2 4 99 5507527 Quill Assembly (Note 1) 1 48 9056171 Carriage Bolt 4 4 100 5507812 Motor, 1 PH 115/220 1725 RPM 60 Hz 1 49 9058051 Split Lock Washer 1/2 ID 2 5514604 Motor, 1PH 115/220 1725 RPM 50 Hz 1 50 9056841 Hex Nut 1/2-12 2 5507813 Motor, 3 PH 220/440 1 51 5041170 Variable Speed Pulley (Motor) 1 5507813 Motor, 3 PH 220/440 1 52 9054621 Socket Set Screw 1/4-20 x 1/2 2 4 5507813 Motor, 3 PH 220/440 1 | 1 | 44 | TS-0270031 | set Screw | 4 | 94 | 15-0680032 | Washer 5/16 | 4 |
| 45 5032781 Motor Plate Bar 4 97 5507507 Dnit Pin 1 46 9057111 Whiz Flange Locknut 4 98 5507506 Switch Mounting Plate 1 47 TS-0152051 Carriage Bolt 5/16-18 x 2 4 99 5507527 Quill Assembly (Note 1) 1 48 9056171 Carriage Bolt 4 4 100 5507812 Motor, 1 PH 115/220 1725 RPM 60 Hz 1 49 9058051 Split Lock Washer 1/2 ID 2 2 5514604 Motor, 1 PH 115/220 1725 RPM 50 Hz 1 50 9056841 Hex Nut 1/2-12 2 2 5507813 Motor, 3 PH 220/440 1 52 9054621 Socket Set Screw 1/4-20 x 1/2 2 4 5507813 Motor, 3 PH 220/440 1 | 1 | | | 5/16-18 x 3/8 | | 90 | 5507505 | | 1 |
| 46 9057111 Whiz Flange Locknut 4 98 5507506 Switch Mounting Plate 1 47 TS-0152051 Carriage Bolt 5/16-18 x 2 4 99 5507527 Quill Assembly (Note 1) 1 48 9056171 Carriage Bolt 4 4 99 5507812 Motor, 1 PH 115/220 1725 RPM 60 Hz 1 49 9058051 Split Lock Washer 1/2 ID 2 2 5514604 Motor, 1 PH 115/220 1725 RPM 50 Hz 1 50 9056841 Hex Nut 1/2-12 2 2 5507813 Motor, 3 PH 220/440 1 51 5041170 Variable Speed Pulley (Motor) 1 5507813 Motor, 3 PH 220/440 1 52 9054621 Socket Set Screw 1/4-20 x 1/2 2 4 1 1 | | 45 | 5032781 | Motor Plate Bar | 4 | 9/ | 5507507 | Duit Pill Switch Mounting Dista | 1 |
| 47 TS-0152051 Carriage Bolt 5/16-18 x 2 4 4 100 5507527 Culli Assembly (Note 1) 1 48 9056171 Carriage Bolt 4 100 5507812 Motor, 1 PH 115/220 1725 RPM 60 Hz 1 49 9058051 Split Lock Washer 1/2 ID 2 5514604 Motor, 1 PH 115/220 1 50 9056841 Hex Nut 1/2-12 2 2 5507813 Motor, 3 PH 220/440 1 51 5041170 Variable Speed Pulley (Motor) 1 5507813 Motor, 3 PH 220/440 1 52 9054621 Socket Set Screw 1/4-20 x 1/2 2 1 1 1 | | 46 | 9057111 | Whiz Flange Locknut | 4 | 90 | 5507500 | Ouill Assembly (Note 1) | 1 |
| 48 9056171 Carriage Bolt 4 100 507812 Motor, 1PH 115/220 1 49 9058051 Split Lock Washer 1/2 ID 2 5514604 Motor, 1PH 115/220 1 50 9056841 Hex Nut 1/2-12 2 2 5507813 Motor, 3 PH 220/440 1 51 5041170 Variable Speed Pulley (Motor) 1 5507813 Motor, 3 PH 220/440 1 52 9054621 Socket Set Screw 1/4-20 x 1/2 2 1 1725 RPM 50/60 Hz 1 | | 47 | TS-0152051 | Carriage Bolt 5/16-18 x 2 | 4 | 100 | 5507027 | Motor 1 DH 115/220 | 1 |
| 49 9058051 Split Lock Washer 1/2 ID 2 5514604 Motor, 1PH 115/220 1 50 9056841 Hex Nut 1/2-12 2 2 5514604 Motor, 3 PH 220/440 1 51 5041170 Variable Speed Pulley (Motor) 1 5507813 Motor, 3 PH 220/440 1 52 9054621 Socket Set Screw 1/4-20 x 1/2 2 1 1 | | 48 | 9056171 | Carriage Bolt | 4 | 100 | 0007012 | | 1 |
| 49 9058051 Split Lock Washer 1/2 ID 2 1 1725 RPM 50 Hz 1 50 9056841 Hex Nut 1/2-12 2 2 1 500 Hotor, 3 PH 220/440 1 51 5041170 Variable Speed Pulley (Motor) 1 1 5507813 Motor, 3 PH 220/440 1 52 9054621 Socket Set Screw 1/4-20 x 1/2 2 1 1 1 | | | | 5/16-18 x 1-1/2 | | | 5514604 | 1723 KEIVI OU MZ Motor 10H 115/220 | 1 |
| 50 9056841 Hex Nut 1/2-12 2 51 5041170 Variable Speed Pulley (Motor) 1 52 9054621 Socket Set Screw 1/4-20 x 1/2 2 | | 49 | 9058051 | Split Lock Washer 1/2 ID | 2 | | 5514004 | 1725 DDM 50 Hz | 1 |
| 51 5041170 Variable Speed Pulley (Motor) 1 1 1725 RPM 50/60 Hz 1 52 9054621 Socket Set Screw 1/4-20 x 1/2 2 1 1725 RPM 50/60 Hz 1 | | 50 | 9056841 | Hex Nut 1/2-12 | 2 | | 5507812 | Motor 3 PH 220/4/0 | I |
| 52 9054621 Socket Set Screw 1/4-20 x 1/2 2 | | 51 | 5041170 | Variable Speed Pulley (Motor) | 1 | | 0007010 | 1725 RPM 50/60 Hz | 1 |
| | | 52 | 9054621 | Socket Set Screw 1/4-20 x 1/2 | 2 | | | | |

Note 1: Quill assembly includes items 5, 7, 8, 9,10 and 11.



Parts List - Head Models: A3816, A3818, A3836 & A3838

| Item | Part | | | | Item | Part | | |
|------|--------------------|--|-----|---|--------|---------------|----------------------------------|-----|
| No. | Number | Description | Qty | | No. | Number | Description | Qty |
| 1 | 5507580 | Chuck (with Key) | 1 | 1 | 57 | 9058571 | Spring Washer | 2 |
| 24 | 5507495 | $#2 \text{ MT x} \text{ IT3 } \Delta r \text{hor}$ | 1 | | 61 | 9057461 | Washer 1/4 | 3 |
| 34 | 5507496 | Spindle Assembly | | | 62 | 9052101 | Hex Head Cap Screw | 4 |
| 1 | 5053070 | Ouill Band | 1 | | | | 1/4-20 x 1 | |
| 5 | 90105/1 | | 1 | | 63 | 5518167 | Mounting Plate | 2 |
| 6 | 0054511 | Sot Scrow | 2 | | 64 | 9138011 | Self Tapping Screw | 4 |
| 0 | 9054511 | $E/14 10 \times 2/0$ | | | 01 | 7100011 | $\#10 \times 3/4$ Type Δ | |
| 7 | E022611 | 3/10-10 X 3/0 | 1 | | 60 | 5518168 | Pulley Cover (w/door & latch) | 1 |
| / | 0100001 | | | | 70 | 5519160 | Faco Plato | 1 |
| 8 | 9100331 | Bearing | | | 70 | 501100 | Head Casting | 1 |
| 9 | 5041010 | Quill Maria Carda a Maria a | | | 06 | 0120051 | Head Castilly Hox Nut 7/16 14 | 1 |
| 10 | 9058561 | wavy Spring washer | | | 00 | 5041470 | Collar | 1 |
| | 9074081 | Iruarc Retainer | | | 07 | 0120071 | Colldi | 1 |
| 16 | 9052711 | Self Tapping Screw | 4 | | 88 | 9128071 | | 1 |
| | | 8-32 x 3/8 | | | 0.0 | 50005/0 | //16-14 X 3-1/2 | |
| 1/ | 5518157 | Power Cord (Single Phase) | 1 | | 89 | 5032560 | Niotor Mounting Bracket | |
| 17A | 5517463 | Power Cord (3-Phase) | 1 | | 94 | 9055281 | Rubber Washer | 4 |
| 18A | 5507500 | Switch (Single Phase) | 1 | | 96 | 5507505 | Return Spring Bracket | 1 |
| | 5507497 | Switch (3-Phase) | 1 | | 97 | 5507507 | Drift Pin | 1 |
| 19A | 5507501 | Slotted Machine Screw | 4 | | 98 | 5507506 | Switch Mounting Plate | 1 |
| 21 | 5518158 | Wiring Harness (1-Phase) | 1 | | 99 | 5507527 | Quill Assembly (Note 1) | 1 |
| | 5517457 | Wiring Harness (3-Phase) | 1 | | 100 | 5507812 | Motor, 1 PH 115/220 | |
| 24A | 5507502 | Socket Head Cap Screw | 3 | | | | 1725 RPM 60 Hz | 1 |
| 25A | 5507503 | Return Spring Assembly | 1 | | | 5514604 | Motor, 1PH 115/220 | |
| 26A | 5507504 | Nylon Nut | 1 | | | | 1725 RPM 50 Hz | 1 |
| 27 | 5518159 | Phillins Screw 1/4-20 x 5/16 | 2 | | | 5507813 | Motor, 3 PH 220/440 | |
| 28 | 5518160 | Cover Plate | 1 | | | | 1725 RPM 50/60 Hz | 1 |
| 20 | 9127731 | Socket Set Screw | 1 | | | | | |
| 27 | /12//51 | 5/16 18 x 5/16 | ' | | | | | |
| 20 | 5024541 | Hoad Lock (Dlain Side) | 1 | | | | | |
| 21 | 1000771 | Lock Nut Assombly | 1 | | | | | |
| 22 | 0052661 | Dotainor | 1 | | | | | |
| 24 | 9003001 E041201 | Relative Rearing Spacer | | | | | | |
| 25 | 0100221 | Bearing Space | 2 | | | | | |
| 24 | 9100321 | Knob | | | | | | |
| 30 | 9070291 | KIIOD Spaka | 3 | | | | | |
| 37 | 5053000 | Spoke | 3 | | | | | |
| 38 | 5507827 | Feed Shall Assembly | | | | | | |
| 40 | 5053100 | | | | | | | |
| 41 | 9056381 | | 3 | | | | | |
| 42 | 9128611 | Hex Head Cap Screw | | | | | | |
| | 0050101 | 1/2-13 X 4 | | | | | | |
| 44 | 9052191 | Socket Set Screw | 4 | | | | | |
| 4.5 | 5000704 | 5/16-18 X 1/2 | | | | | | |
| 45 | 5032781 | Niotor Plate Bar | 4 | | | | | |
| 46 | 905/111 | Whiz Flange Locknut | 4 | | | | | |
| 48 | 9056171 | Carriage Bolt | 4 | | | | | |
| | | 5/16-18 x 1-1/2 | | | | | | |
| 49 | 9058051 | Split Lock Washer 1/2 ID | 4 | | | | | |
| 50 | 9056841 | Hex Nut 1/2-13 | 4 | | | | | |
| 51 | 5518161 | Step Pulley (Motor) | 1 | | | | | |
| 52 | 5518162 | Socket Set Screw | 2 | | | | | |
| | | 1/4-20 x 5/16 | | | Note ' | 1· Ouill asse | mbly includes items 5 7 8 9 1 | 0 |
| 53 | 5042011 | Key (Motor) | 1 | | NOIC | and 11 | | |
| 54 | 5518163 | Drive Belt | 1 | | | | | |
| 55 | 5518164 | Step Pulley (Spindle) | 1 | | | | | |
| 55A | 5518165 | Spindle Pulley Shaft | 1 | | | | | |
| 55B | 5518166 | Key 5 x 45 | 1 | | | | | |
| | | | | 1 | | | | |

Exploded View - Base (Floor Models A5816, A5818, A3816 & A3818)



Parts List - Base

(Floor Models A5816, A5818, A3816 & A3818)

| Item | Part | | |
|------|------------|-------------------------------------|-----|
| No. | Number | Description | Qty |
| | 1000774 | | |
| 1 | 1000771 | Locknut | 1 |
| 2 | 5003751 | Table Lock (Plain Side) | 1 |
| 3 | 5507508 | Table | 1 |
| 4 | 5507509 | Hex Head Cap Screw | 1 |
| 5 | TS-0061091 | Cap Screw 7/16-14 x 3-1/2 | 1 |
| 6 | 5041470 | Collar | 1 |
| 7 | 9129051 | Hex Nut 7/16-14 | 1 |
| 8 | 5507528 | Base | 1 |
| 9 | 5507510 | Standard Column | 1 |
| | 5511850 | Short Column | 1 |
| 10 | 5507511 | Flange (Base/Column) | 1 |
| 11 | 5630771 | HHCS 1/2-12 x 1-1/2 | 4 |
| 12 | 5507571 | Cover Plate | 1 |
| 13 | 5507570 | Bushing | 1 |
| 14 | 5507513 | Worm, Table Raiser | 1 |
| 15 | 5507514 | Gear, Table Raiser | 1 |
| 16 | 5507515 | Shaft, Table Raiser | 1 |
| 17 | 5507516 | C-Ring, Table Raiser | 2 |
| 18 | TS-0050051 | SHCS 1/4 x 1 | 4 |
| 19 | 5507518 | Socket Head Set Screw | 1 |
| 20 | EE07E10 | 3/10-18 X 3/8 Crank Table Deiser | 1 |
| 20 | 5507519 | Cidlik, Idble Raisel | 1 |
| 21 | 5507520 | Handle, Table Raiser | 1 |
| 22 | 5507521 | Rack Deals Dime | 1 |
| 23 | 5507522 | Kauk King | 1 |
| 25 | 5507816 | Table Raiser Assembly | I |
| | | | |
| | | | |
| | | | |

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