

# **MIMPORTANT:**

Your new tool has been engineered and manufactured to WEN's<sup>®</sup> high standards for dependability, ease of operation, and operator safety. Properly cared for, it will give you years of rugged, trouble-free performance.

Pay close attention to the Rules for Safe Operation, Warnings, and Cautions. If you use your tool properly and only for what it is intended, you will enjoy years of safe, reliable service.



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# **Technical Data**

Model:	3710
Motor:	120V, 60Hz, 15A, 4800rpm
Blade:	10 inch carbide tipped blade
Arbor:	5/8"
Depth of Cut at 90°:	3"
Depth of Cut at 45°:	2-3/8"
Bevel Angle Range:	Left, 90°-45°
Table Height (with stand):	36"
Table Dimensions:	20"x26"
Weight:	46 lbs

# **General Safety Rules**

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols, and the explanations with them, deserve your careful attention and understanding. The safety warnings do not by themselves eliminate any danger. The instructions or warnings they give are not substitutes for proper accident prevention measures.

### **Symbol Meaning**



### **Safety Alert Symbol:**

Indicated danger, warning, or caution, may be used in conjunction with other symbols or pictographs. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.

**NOTE:** advising you of information or instructions is vital to the operation or maintenance of the equipment.

### Important

Servicing requires extreme care and knowledge and should be performed only by a qualified service technician. For service, we suggest you return the tool to WEN PRODUCTS a division of Great Lakes Technologies, LLC for repair. When servicing, use only identical WEN<sup>®</sup> replacement parts.

**WARNING** - Do not attempt to operate this tool until you have read thoroughly and understand completely all instructions, safety rules, etc...contained in this manual. Failure to comply can result in accidents involving fire, electric shock, or serious personal injury. Save this operator's manual and review frequently for continuing safe operation and instructing others who may use this tool.

Safe operation of this power tool requires that you read and understand this operator's manual and all labels affixed to the tool. Safety is a combination of common sense, staying alert, and knowing how your tool works.

"READ ALL INSTRUCTIONS" Failure to follow the safety rules listed below and other basic safety precautions may result in serious personal injury.

# Work Area

### **KEEP CHILDREN AWAY**

Do not let visitors contact tool or extension cord. All visitors should be kept away from work area.

#### **KEEP WORK AREAS CLEAN**

Cluttered areas and benches invite accidents.

### MAKE WORKSHOP CHILD-PROOF

With padlocks, master switches.

#### **AVOID DANGEROUS ENVIRONMENTS**

Don't use power tools in damp or wet locations. Keep work area well lit. Do not expose power tools to rain. Do not use tool in presence of flammable liquids or gases.

# AVOID ACCIDENTAL STARTING

Make sure the switch is in the "OFF" position before plugging in tool.

#### NEVER STAND ON TOOL OR ITS STAND

Serious injury could occur if the tool is tipped or if the cutting tool is accidentally contacted. Do not store materials on or near the tool such that it is necessary to stand on the tool or its stand to reach them.

#### CHECK DAMAGED PARTS

Before further use of the tool, a guard or other part that is damaged should be carefully checked to ensure that it will operate properly and perform its intended function. Check for alignment of moving parts, mounting and any other conditions that may affect its operation. A guard or other part that is damaged should be properly replaced.

#### **Personal Safety**

#### KNOW YOUR POWER TOOL

Read and understand the owner's manual and labels affixed to the tool. Learn its application and limitations as well as the specific potential hazards peculiar to this tool.

#### **DON'T OVERREACH**

Keep proper footing and balance at all times.

#### **STAY ALERT**

Watch what you are doing. Use common sense. Do not operate the tool when you are tired. Do not operate while under medication or while using alcohol or other drug.

#### **DRESS PROPERLY**

Do not wear loose clothing or jewelry. They can get caught in moving parts. Rubber gloves and nonskid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.

#### **USE SAFETY GOGGLES**

Also face or dust mask if cutting operation is dusty, and ear plugs during extended periods of operation.

#### **GUARD AGAINST ELECTRIC SHOCK**

Prevent body contact with grounded surfaces. For example: Pipes, radiators, ranges, refrigerator enclosures

#### DISCONNECT TOOL FROM POWER SOURCE

When not in use, before servicing, when changing blades, bits, cutters, etc.

#### **KEEP GUARDS IN PLACE**

In working order, and in proper adjustment and alignment.

#### **REMOVE ADJUSTING KEYS AND WRENCHES**

When not in use, before servicing, when changing blades, bits, cutters, etc. All repairs, electrical or mechanical, should be attempted only by trained repairmen.

#### Use only WEN replacement parts; any others may create a hazard.

Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool may become hazardous when used on another tool.

# **Additional Safety Rules**

# **Tool Care**

### DO NOT ALTER OR MISUSE TOOL

These tools are precision built. Any alteration or modification not specified is misuse and may result in dangerous conditions.

# **AVOID GASEOUS AREAS**

Do not operate electric tools in gaseous or explosive at mospheres. Motors in these tools normally spark, and may result in a dangerous condition.

## MAINTAIN TOOLS WITH CARE

Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean and free from oil and grease.

Before connecting the tool to a power source (receptacle, outlet, etc.), be sure voltage supplied is the same as that specified on the nameplate of the tool. A power source with voltage greater than that specified for the tool can result in serious injury to the user — as well as damage to the tool. If in doubt, DO NOT PLUG IN THE TOOL. Using a power source with voltage less than the nameplate rating is harmful to the motor.

## STABILITY OF SAW

Your table saw MUST BE BOLTED securely to a stand or workbench. In addition, if there is any tendency for the table saw to tip over or move during certain operations such as cutting long, heavy boards, use an auxiliary support.

# LOCATION

Use the table saw in a well lit area and on a level surface, clean and smooth enough to reduce the risk of trips and falls. Use it where neither the operator nor the casual observer is forced to stand in line with the blade.

### KICKBACK

Kickbacks can cause serious injury: A "KICKBACK" occurs when a part of the workpiece binds between the saw blade and the rip fence or other fixed object. Workpiece binding the blade due to misalignment can also cause kickback. During kickback, workpiece rises from table and is thrown toward the operator. Keep your face and body to one side of the saw blade, out of line with a possible "KICKBACK".

### KICKBACKS AND POSSIBLE INJURY CAN USUALLY BE AVOIDED BY:

- a. Maintaining the rip fence parallel to the saw blade.
- b. Keeping the saw blade sharp. Replacing or sharpening anti-kickback pawls when points become dull.
- c. Keeping saw blade guard, spreader and anti-kickback pawls in place and operating properly. The spreader must be in alignment with the saw blade and the pawls must stop a kickback once it has started. Check their action before ripping.

- d. NOT ripping workpiece that is twisted or warped or does not have a straight edge to guide along the rip fence.
- e. NOT releasing work until you have pushed it all the way past the saw blade.
- f. Using a Push Stick for ripping widths of 2" to 6" and an auxiliary fence and Push Block for ripping widths narrower than 2" (See "Basic Saw Operation, Using the Rip Fence "section.).
- g. NOT confining the cut-off piece when ripping or cross -cutting.
- h. When ripping, apply the feed force to the section of the workpiece between the sawblade and the rip fence. Use

Push Stick or Push Block when appropriate (See item f. above).

**PROTECTION:** Eyes, hands, face, ears and body.

### TO AVOID BEING PULLED INTO THE SPINNING TOOL, DO NOT WEAR: Loose Fitting Gloves, Loose Clothing, Necktie, Jewelry DO: TIE BACK LONG HAIR, ROLL LONG SLEEVES ABOVE ELBOWS

- a. If any part of your saw is missing, malfunctioning, has been damaged or broken ... such as the motor switch, or other operating control, a safety device or the power cord ... cease operating immediately until the particular part is properly repaired or replaced.
- b. Wear safety goggles and a face shield if operation is dusty. Wear ear plugs or muffs during extended periods of operation. Small loose pieces of wood or other objects that contact the rear of the revolving blade can be thrown back at the operator at excessive speed. This can usually be avoided by keeping the guard and spreader in place for all "THRU-SAWING" operations (sawing entirely thru the work) AND by removing all loose pieces from the table with a long stick of wood IMMEDIATELY after they are cut off.
- c. Use extra caution when the guard assembly is removed for resawing, dadoing, rabbeting or molding replace the guard as soon as that operation is completed.
- d. NEVER turn the saw "ON" before clearing the table of all tools, wood scraps, etc., except the workpiece and related feed or support devices for the operation planned.
- e. NEVER place your face or body in line with the cutting tool.
  - NEVER place your fingers and hands in the path of the saw blade or other cutting tool.
  - NEVER reach in back of the cutting tool with either hand to hold down or support the workpiece, remove wood scraps, or for any other reason. Avoid awkward operations and hand positions where sudden slip could cause fingers or hand to move into a saw blade or other cutting tool.
  - DO NOT perform any operation "FREEHAND" always use either the rip fence or the miter gauge to position and guide the work.
  - NEVER use the rip fence when crosscutting or the miter gauge when ripping. DO NOT use the rip fence as a length stop.
  - NEVER hold onto or touch the "free end" of the workpiece or a "free piece" that is cut off, while power is "ON" and/or the saw blade is rotating.
  - Shut "OFF" the saw and disconnect the power cord when removing the table insert, changing the cutting tool, removing or replacing the blade guard, or making adjustments.
  - Provide adequate support to the rear and sides of the saw table for wider or long workpieces.
  - Plastic and composition (like hardboard) materials may be cut on your saw. However, since these are usually quite hard and slippery, the anti-kickback pawls may not stop a kickback. Therefore, be especially attentive to following proper set-up and cutting procedures for ripping. Do not stand, or permit anyone else to stand, in line with a potential kickback.
- f. If you stall or jam the saw blade in the workpiece, turn saw "OFF", remove the workpiece from the saw blade, and check to see if the saw blade is parallel to the table slots or grooves and if the

spreader is in proper alignment with the saw blade. If ripping at the time, check to see if rip fence is parallel with the saw blade. Readjust as indicated.

- g. NEVER gang crosscut lining up more than one workpiece in front of the blade (stacked vertically or horizontally outward on the table) and then pushing thru saw blade. The blade could pick up one or more pieces and cause a binding or loss of control and possible injury.
- h. DO NOT remove small pieces of cut-off material that may become trapped inside the blade guard while the saw is running. This could endanger your hands or cause a kickback. Turn saw "OFF" and wait until blade stops.

# KNOW YOUR CUTTING TOOLS

Dull, gummy or improperly sharpened or set cutting tools can cause material to stick, jam, stall the saw, or kickback at the operator. Minimize potential injury by proper cutting tool and machine maintenance. NEVER ATTEMPT TO FREE A STALLED SAWBLADE WITHOUT FIRST TURNING THE SAW OFF.

- a. NEVER use grinding wheels, abrasive cut-off wheels, friction wheels (metal slitting blades) wire wheels or buffing wheels.
- b. USE ONLY RECOMMENDED ACCESSORIES.
- c. Crosscutting operations are more conveniently worked and with greater safety if an auxiliary wood facing is attached to the miter gauge.
- d. Make sure the top of the cutting tool rotates toward you when standing in normal operating position. Also make sure the cutting tool, arbor collars and arbor nut are installed properly. Keep the cutting tool as low as possible for the operation being performed. Keep all guards in place whenever possible.
- e. Do not use any blade or other cutting tool marked for an operating speed less than 5000 R.P.M. Never use a cutting tool larger in diameter than the diameter for which the saw was designed. For greatest safety and efficiency when ripping, use the maximum diameter blade for which the saw is designed, since under these conditions the spreader is nearest the blade.
- f. Make sure the table insert is flush or slightly below the table surface on all sides except for rear side. NEVER operate the saw unless the proper insert is installed.

# THINK SAFETY

# SAFETY IS A COMBINATION OF OPERATOR COMMON SENSE AND ALERTNESS AT ALL TIMES WHEN THE TABLE SAW IS BEING USED.

Do not allow familiarity (gained from frequent use of your table saw) to become common place. Always remember that a careless fraction of a second is sufficient to inflict severe injury.

The operation of any power tool can result in foreign objects being thrown into the eyes, which can result in severe eye damage. Always wear safety goggles that comply with ANSI Z87.1 (shown on package) before commencing power tool operation.

# Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints,
- Crystalline silica from bricks and cement and other masonry products, and
- Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

# **Electrical Requirements**

# **Double Insulated Tools**

Double Insulation is a design concept used in electric power tools which eliminates the need for the three wire grounded power cord and grounded power supply system. It is a recognized and approved system by Underwriter's Laboratories, CSA and Federal OSHA authorities.

**IMPORTANT:** Servicing of a tool with double insulation requires care and knowledge of the system and should be performed only by a qualified service technician. WHEN SERVICING, USE ONLY IDENTICAL REPLACEMENT PARTS.

# **Extension Cords**

In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current and reduces the risk of electrical shock. Tools equipped with an electrical cord having an equipment-grounding conductor must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Do not modify the plug provided in any way. If the plug does not fit the outlet, have the proper outlet installed by a qualified electrician.

The use of any extension cord will cause some loss of power. To keep this to a minimum and to prevent overheating and motor burned-out; use the table below to determine the minimum wire size (A .W .G.) of extension cord.

Use only three (3) wire extension cords that have three (3) prong grounding plugs, and three (3) pole receptacles that accept the tool's plug.

	(					
Ampe	ere Rating	Total Length of Cord in feet				
More Than	Not More Than	25	25 50 100 150			
0	6	18	16	16	14	
6	10	18	16	14	12	
10	12	16	16	14	12	
12	16	14	12	Not Recommended		

#### Minimum Gauge for Extension Cords (AWG) (When using 120 V only)

# **Grounding Instructions**

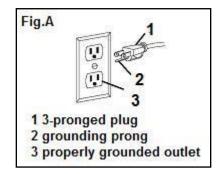
IN THE EVENT OF A MALFUNCTION OR BREAKDOWN, grounding provides the path of least resistance for electric current and reduces the risk of electric shock. This tool is equipped with an electric cord that has an equipment grounding conductor and a grounding plug. The plug MUST be plugged into a matching outlet that is properly installed and grounded in accordance with ALL local codes and ordinances.

DO NOT MODIFY THE PLUG PROVIDED. If it will not fit the outlet, have the proper outlet installed by an electrician.

IMPROPER CONNECTION of the equipment grounding conductor can result in electric shock. The conductor with the green insulation (with or without yellow stripes) is the equipment grounding conductor. If repair or replacement of the electric cord or plug is necessary, DO NOT connect the equipment grounding conductor to a live terminal.

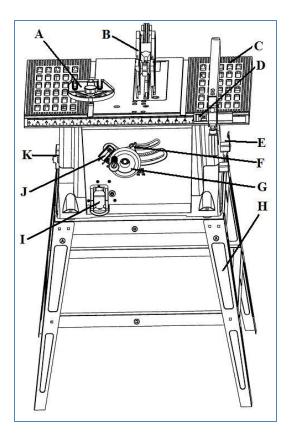
CHECK with a licensed electrician or service personnel if you do not completely understand the grounding instructions, or if you are not sure if the tool is properly grounded.

USE ONLY THREE-WIRE EXTENSION CORDS that have 3-pronged plugs and outlets that accept the tool's plug as shown in Fig. A. Repair or replace a damaged or worn cord immediately.



**CAUTION:** In all cases, make certain the outlet in question is properly grounded. If you are not sure if it is, have a licensed electrician check the outlet.

# **Know Your Table Saw**



- A Miter Gauge
- B Blade Guard
- C Table
- D Rip Fence Scale
- E Rip Fence Storage
- F Blade Bevel Locking Lever

- G Hand Wheel
- H Leg Stand
- I ON/OFF Switch with Safety Key
- J Blade Bevel Scale
- K Miter Gauge Storage

# Unpacking



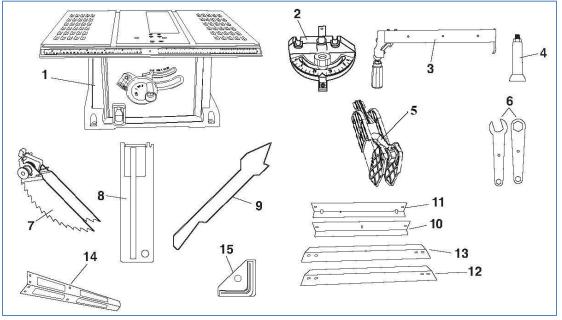
**WARNING** - to prevent accidental starting that could cause possible serious personal injury; assemble all parts to your saw before connecting it to power supply. Saw should never be connected to power supply when you are assembling parts, making adjustments, installing or removing blades, or when not in use.



WARNING - if any parts are missing, do not operate this tool until the missing parts are replaced. Failure to do so could result in possible serious personal injury.

Do not discard the packing materials until you have carefully inspected the saw, identified all parts, and satisfactorily operated your new saw.

**NOTE:** if any parts are damaged or missing, do not attempt to plug in the power cord and turn the switch on until the damaged or missing parts are obtained and are installed correctly.



Item	Description	Qty
1	Table Saw	1
2	Miter gauge	1
3	Rip Fence	1
4	Wheel Handle	1
5	Blade Guard	1
6	Blade Wrench	2
7	Anti-kickback Device	1
8	Table Insert	2

Item	Description	Qty
9	Push Stick	1
10	Long Top Plate	2
11	Short Top Plate	2
12	Long Support Plate	2
13	Short Support Plate	2
14	Leg	4
15	Rubber Foot	4
	Hardware Bag (not shown)	1

# Assembly and Adjustments



**WARNING!** Prior to performing any assembly procedures, make sure the 10" table saw is disconnected from its electrical power source.

# Assembling the Leg Stand (Figure 1)



**Warning:** The stamped rails may have sharp edges. Be careful in handling the rails to prevent being cut.

**NOTE:** Use the screws, washers, and lock nuts supplied in the hardware bag to attach the pieces of the leg stand together. Do not tighten the hardware completely until the leg stand is completely assembled.

- 1. Attach the long top plates (10, Figure 1) to the legs (14, Figure 1).
- 2. Attach the long support plates (12, Figure 1) to the legs (14, Figure 1).
- 3. Place the front and rear short top plates (11, Figure 1) over the side top plates (10, Figure 1). And attach to the legs (14, Figure 1).
- 4. Attach the front and rear short support plates (13, Figure 1) to the legs (14, Figure 1).
- 5. Tap the four rubber feet (15, Figure 1) onto the bottom of the legs (14, Figure 1).

# Mounting the Table Saw to the Leg Stand (Figure 2)

**NOTE:** Mount the table saw to the leg stand using the hardware supplied in the hardware bag.

- 1. Place the table saw onto the assembled leg stand so that the four (4) mounting holes (1, Figure 2) in the base of the saw are over the four (4) mounting holes in the front and rear top plates (2, Figure 2).
- 2. Secure the table saw to the leg stand using four (4) bolts (3, Figure 2), washers (4, Figure 2), and lock nuts (5, Figure 2).

**IMPORTANT!** When mounting the table saw to the leg stand, DO NOT overtighten the mounting hardware.

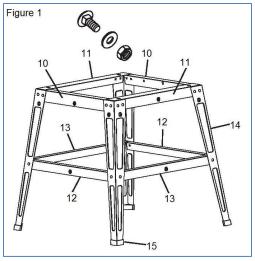


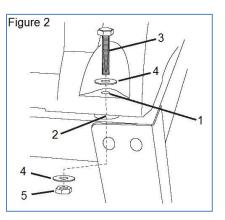
**Warning!** Before operating table saw, securely fasten table saw to stand and entire unit must be placed on solid, level surface.



Warning! Do not stand on table saw sand or use as ladder or scaffolding.

Warning! Do not use table saw if stand tips, slides, or moves in any way.



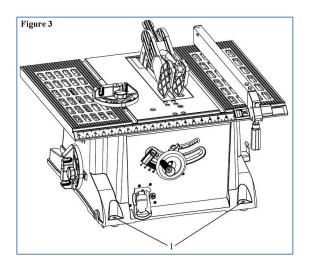


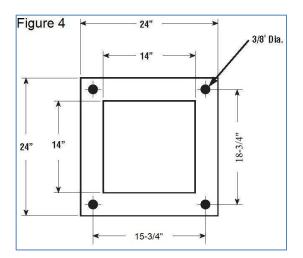
# Mounting Table Saw to Workbench (Figure 3 & 4)

If table saw is to be used in a permanent location, it should be fastened securely to a firm supporting surface such as a stand or workbench, using the four mounting holes, 1 (Figure 3) two of which are shown.

When mounting table saw to a workbench or plywood, holes should be drilled through the supporting surface of the workbench or plywood and a opening MUST be made the same size as the opening in the bottom of the saw using the dimensions illustrated (Figure 4), so the saw dust can drop through.

- 1. Each of the four mounting holes should be bolted securely using 5/16" hex nuts (not included). Screw lengths should be 2-1/2" longer than the thickness of the bench top.
- 2. Locate and mark where the saw is to be mounted.
- 3. Drill four (4) 3/8" diameter holes through workbench.
- 4. Place table saw on workbench aligning holes in base with holes drilled in workbench.
- 5. Insert four (4) 5/16" screws and tighten.



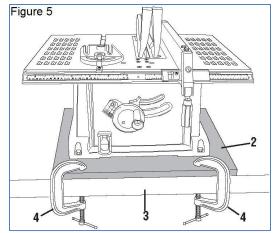


# Mounting to Plywood (Figure 5)

An alternative method of securing your table saw is to fasten the saw base to a mounting board 24" x 24" minimum size to prevent saw from tipping while in use. Any good grade of plywood with a 3/4" minimum thickness is recommended.

 Follow instructions for mounting to workbench, substituting a plywood board 24" x 24" minimum size and using 5/16" flat head machine screws, flat washers, and hex nuts (not included). Screw length must be at least 2-1/2" more than the thickness of the mounting board. Insert screws up through mounting board and through base holes. Place flat washers on stud and secure with hex nuts.

**NOTE:** For proper stability, holes must be counter sunk on bottom side of plywood so screw heads are flush with the bottom surface of the supporting board.



2. Securely clamp board (2, Figure 5) to workbench (3, Figure 5) using two or more "C" clamps (4, Figure 5, not include).

Supporting surface where saw is to be mounted should be examined carefully after mounting to insure that no movement can occur during use. If any tipping or walking is noted, secure the workbench or stand before operating the table saw.

# 90° and 45° Positive Stops Adjustment (Figure 6, 7 & 8)



**Warning:** To prevent personal injury, always disconnect the plug from power source before making any adjustments.

The saw has positive stops that will quickly position the saw blade at  $90^{\circ}$  or  $45^{\circ}$  to the table. Make the following adjustments only if necessary.

**NOTE:** 90° and 45° blade adjustment screws require a 5 mm Allen wrench (not supplied) and a 10 mm wrench or socket (not supplied) for adjustment. To access the 10 mm jam nut attached to the 90° and 45° adjustment screws, turn the saw on its left side. Make sure the saw is secure

Make sure the saw is secure.

#### Adjusting the 90° Stop:

- 1. Raise the blade to the maximum height by turning the hand wheel (1, Figure 6) counterclockwise.
- 2. Loosen the blade bevel locking knob (2, Figure 6). Push in the blade elevation/tilting hand wheel (1, Figure 6) and rotate clockwise as far as possible.
- 3. Place a combination square on the table and against the blade to determine if the blade is at a  $90^{\circ}$  angle to the table (Figure 7).
- 4. If the blade is not at a 90° angle to the table, loosen the jam nut (underneath table) and turn the 90° adjusting socket head screw (3, Figure 8) left to reduce the angle or right to increase the angle.

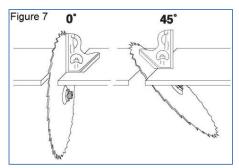
#### Adjusting the 45° Stop:

- 1. Raise the blade to the maximum height by turning the control wheel (1, Figure 6) counterclockwise.
- 2. Loosen the blade lock lever (2, Figure 6). Push in the blade elevation/tilting control wheel (1, Figure 6) and rotate counterclockwise as far as possible.
- 3. Place a combination square on the table and against the blade to determine if the blade is at a  $45^{\circ}$  angle to the table (Figure 7).
- 4. If the blade is not at a 45° angle to the table, loosen the jam nut (underneath table) turn the 45° adjusting socket head screw (4, Figure 8) left to reduce the angle or right to increase the angle.

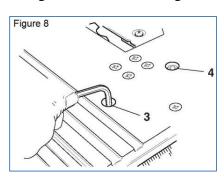
### Adjusting the Blade Tilt Indicator:

- 1. When the blade is positioned at  $90^{\circ}$ , adjust the blade tilt pointer to read  $0^{\circ}$  on the scale.
- 2. Loosen the holding screw, position pointer over 0° and tighten the screw.

**NOTE:** Always make a trial cut on scrap wood when making critical cuts. Measure for cut precision.



**Figure 6** 



# Blade Parallel to Miter Gauge Groove Adjustment (Figure 9, 10 & 11)



**Warning:** To prevent personal injury, always disconnect the plug from power source before making any adjustments.



**Warning:** If the blade is misaligned by more than 1/8", do not attempt to align or operate the

saw. Have a qualified service technician perform blade alignment.

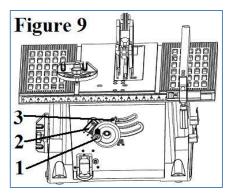
- 1. Move the blade guard out of the way.
- 2. Raise the blade to the maximum height by turning the hand wheel (1, Figure 9) counterclockwise. Push in the hand wheel (1, Figure 9) and tilt the blade to  $0^\circ$ , then lock in place with the bevel locking lever (3, Figure 9).
- 3. Select a tooth with a "right set" on the end of the blade closest to you. Mark it with a marker.
- 4. Place a combination square base (4, Figure 10) against the left side of the right miter gauge groove (5, Figure 10).
- 5. Adjust the rule so it touches the front marked tooth. Lock the ruler so it holds its position in the square assembly.
- 6. Rotate the blade bringing the marked tooth to the rear and about 1/2'' (13 mm) above the table.
- 7. Carefully, slide the combination square to the rear until the ruler touches the marked tooth.
- 8. If the ruler touches the marked tooth at the front and rear positions, no adjustment is necessary.

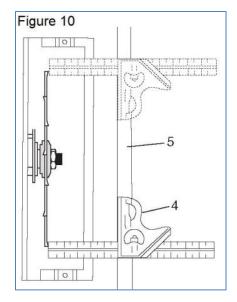
If the front and rear measurements are not the same, blade is not parallel to the miter slot. Proceed to steps 9-19 to perform the adjustment.

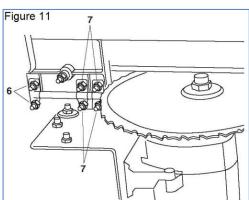
9. Remove the combination square and stand the saw on its left side so you can access the six adjustment nuts (6 & 7 Figure 11) that secure the axis rod to the table. Make sure the table is secure.

Warning: Place folded pieces of cardboard over the blade to protect your hands.

- 10. Us a 10 mm wrench to loosen all eight adjustment nuts about 1/2 turn each.
- 11. Place the saw in the upright position.
- 12. Carefully move the blade to the left or right until it is aligned properly.
- 13. Check the alignment with the combination square (repeat steps 4 - 7).
- 14. Tighten the two front adjustment nuts (6, Figure 11). Reach under the front and rear of the table with a wrench to access these nuts.
- 15. Re-check the alignment. If additional adjustment is required, loosen only the two front adjustment nuts (6, Figure 11) and repeat steps 4 & 5 until the blade is parallel to the miter slot. Tighten the two front adjustment nuts (6, Figure 11).







16. Stand the saw on its left side and tighten the four center adjustment nuts (7, Figure 11).

17. Place the saw upright and re-check the alignment to make sure the blade is parallel to the miter slot.

# Removal and Installation of the Blade (Figure 12, 13 & 14)



**Warning:** Disconnect plug from power source before performing any assembly, adjustment or repair to avoid possible injury.

**NOTE:** Clean blade of any excess oil before installation.

- 1. Remove the table insert (1, Figure 12).
- 2. Raise the blade (2, Figure 12) to the maximum height by turning the hand wheel (3, Figure 12) counterclockwise,
- 3. Remove the arbor nut (4, Figure 13) and flange (5, Figure 13).
- 4. Clean any sawdust from both blade collars before installing the blade. Install a 10" (25.4 cm) blade. Install the saw blade onto the arbor with the blade teeth pointing toward the front of the saw.

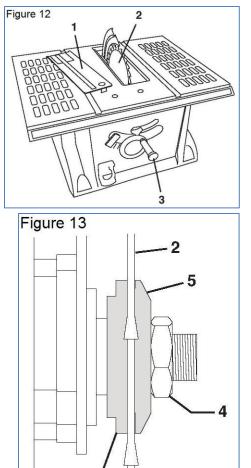
To avoid injury, do not use a blade larger or smaller than 10" diameter and 5/8" arbor.

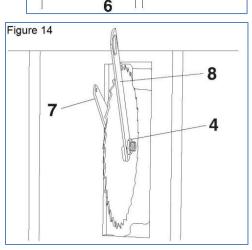
- 5. Install the flange 5 against the blade (2, Figure 13) and thread the arbor nut (4, Figure 13) as far as possible by hand. Ensure that the blade is flush against the inner blade flange (6, Figure 13).
- 6. To tighten the arbor nut (4, Figure 14), use the open-end wrench (7, Figure 14) and align the wrench jaws on the flats of the flange to keep the arbor from turning. Place the box-end wrench (8, Figure 14) on the arbor nut (4, Figure 14) and turn clockwise (to the rear of the saw table).

7. Install the table insert (1, Figure 12) in the table recess. To avoid injury from a thrown workpiece, blade part, or blade contact, never operate the saw without the proper insert in place. Use the table insert when sawing. Use the dado insert when using a dado blade.

### **Using Carbide-Tipped Blades**

Handle carbide-tipped blades carefully. Carbide is very brittle and can be easily damaged. Use caution when you install, use or store the blades. Do not use a carbide-tipped blade that is bent or has bent teeth, or if the blade has cracks, is broken, or has missing/loose carbide tips. Do not operate a carbide-tipped blade faster than its recommended speed.





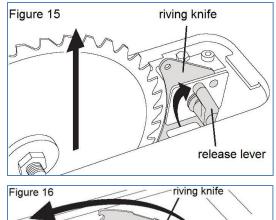
# Installing the blade guard system

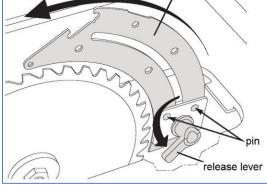


**Warning:** To prevent personal injury, always disconnect plug from power source before installing or removing the blade guard.

#### POSITIONING THE RIVING KNIFE (Figure 15 & 16)

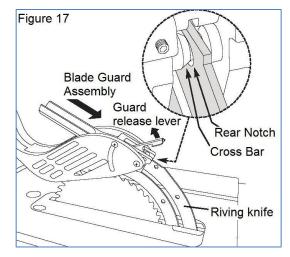
- 1. Remove table insert using finger hole.
- 2. Raise the blade as high as it will go and set it perpendicular to table (0° on bevel scale) (Figure 15).
- 3. Rotate the riving knife release lever clockwise, so that it points upward (Figure 15).
- 4. Pull riving knife towards release lever to disengage it from the pins.
- 5. Slide the riving knife up to its highest position, so that it is directly over the center of the blade (Figure 16).
- Align holes in riving knife with pins and lock the release lever by rotating it counterclockwise. Push/pull riving knife to verify that it is locked in place (Figure 16).
- 7. Replace table insert.





#### Installing the blade guard (Figure 17)

- 1. With one hand, hold the front of the barrier guard assembly by the metal "fork". With the other hand, hold the guard release lever up (Figure 17).
- 2. Lower the rear of guard assembly and slip the cross bar into the rear notch on top of the riving knife (Fig. 21).
- 3. Lower the front of the guard assembly until the metal "fork" is parallel with the table (Fig. 22).
- 4. Press down on the guard release lever until you feel and hear it snap into the locking position. Check that the guard assembly is securely connected (Fig. 22).

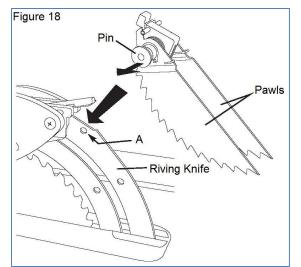


# Installing the anti-kickback device (Figure 18)

While pulling out the attachment pin, attach the Anti-Kickback Device into the flat recessed area A of the riving knife (Figure 18).

Slide the Anti-Kickback Device down until it drops into the recessed area – then release the attachment pin such that the Anti-Kickback Device locks onto the riving knife immediately behind the guard assembly. Check that the attachment pin is securely connected into locking hole.

Carefully raise and lower the pawls – when letting go, the spring-loaded pawls must come down and contact the table insert (Figure 18).



**Note:** The two installing are independent of each other, so the Anti-Kickback Device can be attached before the Blade Guard.

# Operation



Warning: For your own safety, always observe the following safety precautions.

- Never make these cuts freehand (without using the miter gauge or other auxiliary devices) because the blade could bind in the cut and cause a KICKBACK or cause your fingers or hand to slip into the blade.
- Always tighten the miter gauge handle securely when in use.
- Remove rip fence from table during any operations which utilize the miter gauge.
- When cross cutting and the blade set at 90° to the table, the miter gauge can be used in either slot on the table. When cross cutting and the blade is tilted, use slot on right side of table where the blade is tilted away from your hands and miter gauge.
- Make sure blade guard is installed for all "thru-sawing" operations (when sawblade cuts entirely thru the thickness of the workpiece).
- Replace guard IMMEDIATELY after com pletion of dadoing, molding or rabbeting cuts.
- Have blade extend approximately 1/8" above top of work piece. Additional blade exposure would increase the hazard potential.
- Do not stand directly in front of the blade in case of a THROWBACK (small cut-off piece caught by the back of the blade and thrown toward the operator). Stand to either side of the blade.
- Keep your hands clear of the blade and out of the path of the blade.
- If blade stalls or stops while cutting. TURN SWITCH OFF before attempting to free the blade.
- Do not reach over or behind the blade to pull the work piece through the cut ... to support long or heavy workpieces ... to remove cut-off pieces of material or FOR ANY OTHER REASON.
- Do not pick up small pieces of cut-off material from the table. REMOVE them by pushing them OFF the table with a long stick. Otherwise they could be thrown back at you by the rear of the blade.
- Do not remove small pieces of cut-off material that may become TRAPPED inside the blade guard while the saw is RUNNING. THIS COULD ENDANGER YOUR HANDS or cause a KICKBACK. Turn the saw OFF. After the blade has stopped turning, lift the guard and remove the piece.
- If workpiece is warped, place the CONCAVE side DOWN. This will prevent it from rocking while it is being cut.

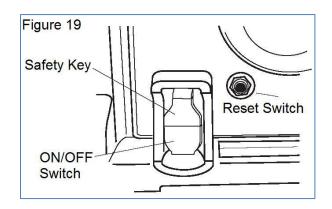
### **ON/OFF Switch** (Figure 19)

The ON/OFF switch has a removable safety key to protect against unauthorized use.

1. To turn the saw ON, insert the safety key into the switch (Figure 19). Move the switch upward to the ON position.

2. To turn the saw OFF, move the switch downward to the OFF position.

3. To lock the switch in the OFF position, grasp the safety key and pull it out of the switch. With the



safety key removed, the switch will not operate.

**NOTE:** If the safety key is removed while the saw is running, the saw can be turned OFF, but cannot be restarted without inserting the safety key.

#### **Overload Reset Switch** (Figure 19)

To prevent accidental startup if the overload reset switch is pushed, the ON/OFF switch should be in the OFF position, and the plug should be removed from the power source while cool down takes place. Overheating may be caused by misaligned parts or a dull blade. Inspect your saw for proper setup before using it again.

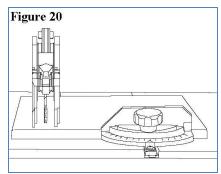
This saw has an overload reset switch (Figure 19) that will allow the motor to be restarted after it shuts off due to overloading or low voltage. If the motor stops during operation, perform the following:

- 1. Turn the ON/OFF switch to the OFF position.
- 2. Wait about five minutes for the motor to cool.
- 3. Push in the overload reset switch.
- 4. Turn the ON/OFF switch to the ON position.

#### Crosscutting (Figure 20)

Crosscutting is known as cutting wood across the grain, at  $90^{\circ}$ , or square with both the edge and the flat side of the wood. This is done with the miter gauge set at  $90^{\circ}$  (Figure 20).

The graduations on the miter gauge provide accuracy for average woodworking. In some cases where extreme ac curacy is required, when making angle cuts, for example, make a trial cut and then recheck it with an accurate square or protractor.



If necessary, the miter gauge head can be swiveled slightly to compensate for any inaccuracy.

**NOTE:** The space between the miter gauge bar and the groove in the table is held to a minimum during manufacturing.

For maximum accuracy when using the miter gauge, always "favor" one side of the groove in the table. In other words, don't move the miter gauge from side to side while cutting but keep one side of the bar riding against one side of the groove.

The miter gauge may be used in either of the grooves in the table. Make sure miter gauge bar is engaged under table retainer tabs. Make sure lock handle is tightened securely to maintain angle.

When using the miter gauge in the LEFT hand groove, hold the workpiece firmly against gauge head with your left hand, and grip the lock handle with your right hand.

When using the RIGHT hand groove, hold the workpiece with your right hand and the lock handle with your left hand.

When cutting long workpieces, make sure the end is supported from the floor.

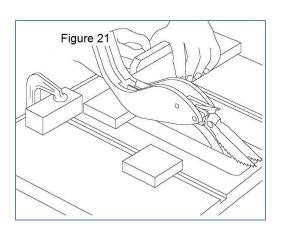
### **Repetitive Cutting** (Figure 21)

REPETITIVE CUTTING is known as cutting a quantity of pieces the same length without having to mark each piece (Figure 21).

When making repetitive cuts from a long work piece, make sure it is supported.



**Warning:** Never use the rip fence as a length stop because the cutoff piece could bind between the fence and the blade causing a



kickback.

When making repetitive cuts, clamp a block of wood 3" long to the table at desired length to act as a length stop.



**Warning:** When clamping the block, make sure that the end of the block is well in front of the saw blade. Be sure it is clamped securely.

Slide the work piece along the miter gauge until it touches the block ... hold it securely.

Make the cut ... pull the work piece back ... push the cut-off piece off the table with a long Push Stick ... DO NOT ATTEMPT TO PICK IT UP AS THIS COULD ENDANGER YOUR HANDS.

### Miter Cutting (Figure 22)

MITER CUTTING is known as cutting wood at an angle other than 90° with the edge of the wood. Follow the same procedure as you would for crosscutting (Figure 22).

Adjust the miter gauge to the desired angle, and tighten lock handle.

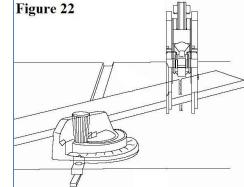
The miter gauge may be used in either of the grooves in the table.

When using the miter gauge in the LEFT hand groove, hold

the workpiece firmly against the miter gauge head with your left hand, and grip the lock handle with your right hand.

When using the RIGHT hand groove, hold the workpiece with your right hand and the lock handle with your left hand.

Before cutting, always make sure you securely tighten the lock handle to maintain the desired angle.

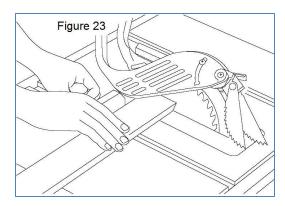


#### Bevel Crosscutting (Figure 23)

BEVEL CROSSCUTTING is the same as crosscutting except that the wood is also cut at an angle  $\dots$  other than 90° with the flat side of the wood (Figure 23).

Adjust the blade to the desired angle and lock it.

Use the Miter Gauge in the groove to the RIGHT of the blade. It cannot be used in the groove to the LEFT because the blade guard will interfere. Hold the workpiece with your right hand and the lock knob with your left hand.



## **Compound Miter Cutting**

COMPOUND MITER CUTTING is a combination of miter cutting and bevel crosscutting. The cut is made at an angle other than 90° to both the edge and the flat side of the wood.

Adjust the miter gauge and the blade to the desired angle. Make sure miter gauge is locked.

# **Maintenance**



For your own safety, turn switch "OFF" and remove plug from power source outlet before maintaining or lubricating your saw.

Do not allow sawdust to accumulate inside the saw. Frequently blow out any dust that may accumulate inside the saw cabinet and the motor. Clean your cutting tools with a Gum and Pitch Remover.

The cord and the tool should be wiped with a dry clean cloth to prevent deterioration from oil and grease.



**Warning:** Certain cleaning agents and solvents can damage plastic parts. Some of these are: gasoline, carbon tetrachloride, chlorinated cleaning solvents, ammonia and household detergents which contain ammonia. Avoiding use of these and other types of cleaning agents

will minimize the possibility of damage.

A coat of automobile-type wax applied to the table will help to keep the surface clean and allow workpieces to slide more freely.

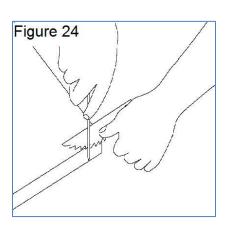
If the power cord is worn or cut, or damaged in any way, have it replaced immediately.

Make sure the teeth of the ANTI-KICKBACK pawls are always sharp. To sharpen:

- 1. Remove blade guard.
- 2. Rotate pawl toward rear of spreader so that teeth are above top of spreader.
- 3. Hold spreader with left hand and place pawl over corner of workbench (Figure 24).
- 4. Using a small round file (Smooth Cut) sharpen the teeth.



Warning: All repairs, electrical or mechanical, should be attempted only by trained repairmen. Contact the Service Center or Authorized Service Station. Use only identical replacement parts, any other may create a hazard.



#### Lubrication

All motor bearings are permanently lubricated at the factory and require no additional lubrication. Lubricate all mechanical parts where a pivot or threaded rod is present, with graphite or silicone. These dry lubricants will not hold sawdust.

#### **Care of Blades**

Blades become dull even from cutting regular lumber. If you find yourself forcing the saw forward to cut instead of just guiding it through the cut, chances are the blade is dull or coated with wood pitch.

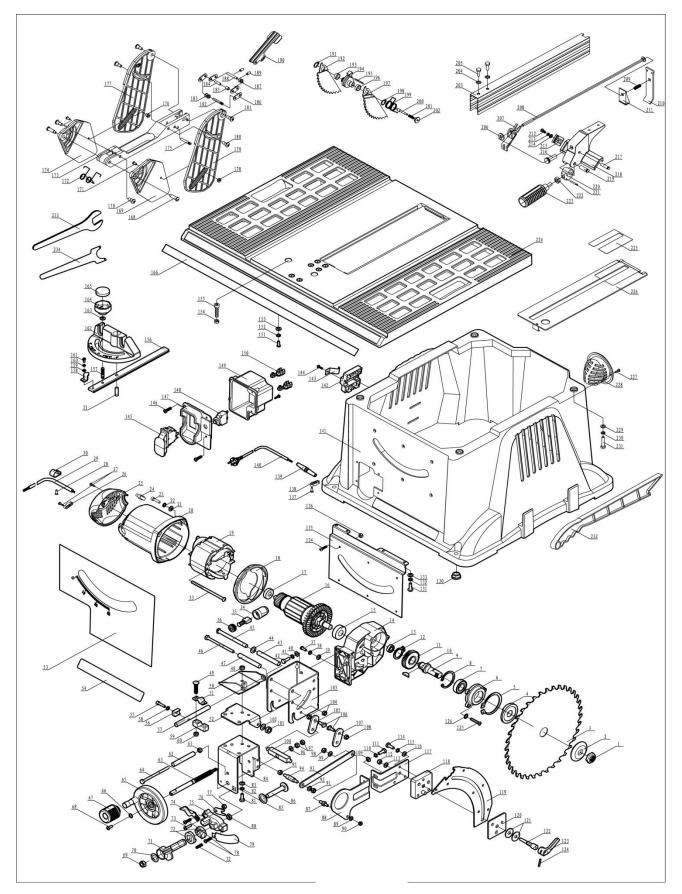
# **Trouble shooting**



WARNING: To avoid injury from an accidental start, turn the power switch off, remove the safety key and remove the plug from the power source before making any adjustment.

PROBLEM	CAUSE	SOLUTION
Saw will not start.	1. Saw not plugged in.	1. Plug in the saw.
	2. Fuse blown or circuit breaker tripped.	2. Replace fuse or reset circuit breaker.
		3. Have cord replaced by an authorized
	3. Cord damaged.	service center.
Does not make accurate $45^{\circ}$		1. Check blade with square and adjust
and 90° rip cuts.	1. Positive stop not adjusted correctly.	positive stop.
		2. Check blade with square and adjust
	2. Tilt angle pointer not set correctly.	pointer to zero.
Material pinches blade when		
ripping.	1. Rip fence not aligned with blade.	1. Check and adjust rip fence.
	2. Warped wood, edge against fence is	
	not straight.	2. Select another piece of wood.
Material binds on splitter.	Splitter not aligned correctly with blade.	Check and align splitter with blade.
Saw makes unsatisfactory	1. Dull blade.	1. Replace blade.
cuts.	<ol> <li>Duff blade.</li> <li>Blade mounted backwards.</li> </ol>	2. Turn blade around.
	2. Blade mounted backwards.	
	3. Gum or pitch on blade.	3. Remove blade and clean with turpentine and coarse steel wool.
	4. Incorrect blade for work.	4. Change the blade.
	5. Gum or pitch on table causing erratic	<ol> <li>Clean table with turpentine and steel</li> </ol>
	feed.	wool.
Material kicked back from		
blade.	1. Rip fence out of alignment.	1. Align rip fence with miter gauge.
	2. Splitter not aligned with blade.	2. Align splitter with blade.
	3. Feeding stock without rip fence.	3. Install and use rip fence.
	4. Splitter not in place.	4. Install and use splitter (with guard).
	5. Dull blade.	5. Replace blade.
	6. The operator letting go of material	6. Push material all the way past blade
	before it is past the saw blade.	before releasing work.
	7. Miter angle lock knob is not tight.	7. Tighten knob.
Blade does not raise or tilt	Sawdust and dirt in elevation and tilting	
freely.	mechanisms.	Brush or blow out loose dust and dirt.
Blade does not reach full		
speed.	1. Extension cord too tight or too long.	1. Replace with adequate size cord.
	2. Low house voltage.	2. Contact your electric company.
Machine vibrates	1. Saw not mounted securely to stand or	
excessively.	workbench.	1. Tighten all mounting hardware.
		2. Reposition on flat level surface. Fasten
	2. Stand or bench on uneven floor.	to floor if necessary.
	3. Damaged saw blade.	3. Replace blade.
Does not make $45^{\circ}$ and $90^{\circ}$		
cross cuts.	Miter gauge out of adjustment.	Adjust miter gauge.

# **Exploded View**



# **Parts List**

				_		
Item #	Stock #	Description	Qty		Item #	Stock #
1	3710-001	Nut	1		41	3710-041
2	3710-002	Outer flange	1		42	3710-042
3	3710-003	Blade	1		43	3710-043
4	3710-004	Inner flange	1		44	3710-044
5	3710-005	Spring block circle	1		45	3710-045
6	3710-006	Front cover	1		46	3710-046
7	3710-007	Bearing	1		47	3710-047
8	3710-008	Spring block circle	1		48	3710-048
9	3710-009	Output axis	1		49	3710-049
10	3710-010	Half circle key	1		50	3710-050
11	3710-011	Gear	1		51	3710-051
12	3710-012	Spring block circle	1		52	3710-052
13	3710-013	Bearing	1		53	3710-053
14	3710-014	Gear cover	1		54	3710-054
15	3710-015	Bearing	1		55	3710-055
16	3710-016	Rotor	1		56	3710-056
17	3710-017	Bearing	1		57	3710-057
18	3710-018	Block wind cover	1		58	3710-058
19	3710-019	Stator	1		59	3710-059
20	3710-020	Motor cover	1		60	3710-060
21	3710-021	Flat washer	4		61	3710-061
22	3710-022	Spring washer	4		62	3710-062
23	3710-023	Socket head cap screw	4		63	3710-063
24	3710-024	Binding post	2		64	3710-064
25	3710-025	Back cover	1		65	3710-065
26	3710-026	Cable flat	1		66	3710-066
27	3710-027	Screw	2		67	3710-067
28	3710-028	Screw	1		68	3710-068
29	3710-029	Lead wire	1		69	3710-069
30	3710-030	Wire clip	1		70	3710-070
31	3710-031	Pin	1		71	3710-071
32	3710-032	Spring	1		72	3710-072
33	3710-033	Screw	2		73	3710-073
34	3710-034	Brush hold	2		74	3710-074
35	3710-035	Carbon brush	2		75	3710-075
36	3710-036	Brush cover	2		76	3710-076
37	3710-037	Screw	1		77	3710-077
38	3710-038	Spring washer	1		78	3710-078
	3710-039	Flat washer	1		79	3710-079
39	0110 007					

Item #	Stock #	Description	Qty
41	3710-041	Spring washer	4
42	3710-042	Socket head cap screw	4
43	3710-043	Casing pipe	1
44	3710-044	Flat washer	1
45	3710-045	Spin pin	1
46	3710-046	Socket head cap screw	1
47	3710-047	Casing pipe	1
48	3710-048	Nut	3
49	3710-049	Nut	6
50	3710-050	Support iron	1
51	3710-051	Spindle washer	3
52	3710-052	Mat plate	1
53	3710-053	Ruler	1
54	3710-054	Caution sign	1
55	3710-055	Socket head cap screw	1
56	3710-056	Spindle washer	1
57	3710-057	Spindle	1
58	3710-058	Spring washer	1
59	3710-059	Spindle washer	3
60	3710-060	Nut	6
61	3710-061	Nut	1
62	3710-062	Casing pipe	1
63	3710-063	Screw rod	1
64	3710-064	Socket head cap screw	1
65	3710-065	Hand wheel	1
66	3710-066	Flat washer	1
67	3710-067	Handle	1
68	3710-068	Screw	1
69	3710-069	Nut	1
70	3710-070	Flat washer	1
71	3710-071	Locking handle	1
72	3710-072	Locking piece	2
73	3710-073	Screw	1
74	3710-074	Pointer	1
75	3710-075	Locking piece	1
76	3710-076	Limit board	1
77	3710-077	Nut	1
78	3710-078	Screw	1
79	3710-079	Cover plate	1
80	3710-080	Nut	1

81         3710-081         Socket head cap screw         3           82         3710-082         Spring washer         3           83         3710-083         Flat washer         3           84         3710-085         Flat washer         1           85         3710-085         Flat washer         1           86         3710-086         Bolt         1           87         3710-087         Push post         1           88         3710-088         Push board         1           89         3710-089         Flat washer         1           90         3710-090         Nut         1           91         3710-091         Nut         1           92         3710-092         Flat washer         1           93         3710-093         Connecting rod         1           94         3710-095         Nut         1           95         3710-096         Flat washer         1           97         3710-097         Nut         2           98         3710-099         Flat washer         1           100         3710-100         Pin         1           102         37	Item #	Stock #	Description	Otv
82         3710-082         Spring washer         3           83         3710-083         Flat washer         3           84         3710-084         Swinging bracket         1           85         3710-085         Flat washer         1           86         3710-086         Bolt         1           87         3710-087         Push post         1           88         3710-089         Flat washer         1           90         3710-089         Flat washer         1           90         3710-090         Nut         1           91         3710-091         Nut         1           92         3710-092         Flat washer         1           93         3710-093         Connecting rod         1           94         3710-094         Binding post         1           95         3710-095         Nut         1           96         3710-097         Nut         2           98         3710-098         Nut         1           100         3710-102         Flat washer         1           101         3710-102         Flat washer         1           102         3710			_	
83         3710-083         Flat washer         3           84         3710-084         Swinging bracket         1           85         3710-085         Flat washer         1           86         3710-087         Push post         1           87         3710-087         Push post         1           88         3710-088         Push board         1           89         3710-089         Flat washer         1           90         3710-090         Nut         1           91         3710-091         Nut         1           92         3710-092         Flat washer         1           93         3710-093         Connecting rod         1           94         3710-094         Binding post         1           95         3710-095         Nut         1           96         3710-097         Nut         2           98         3710-098         Nut         1           100         3710-100         Pin         1           101         3710-102         Flat washer         1           102         3710-103         Holder         1           103         3710-104			-	
84         3710-084         Swinging bracket         1           85         3710-085         Flat washer         1           86         3710-086         Bolt         1           87         3710-087         Push post         1           88         3710-088         Push board         1           89         3710-089         Flat washer         1           90         3710-090         Nut         1           91         3710-091         Nut         1           92         3710-092         Flat washer         1           93         3710-093         Connecting rod         1           94         3710-095         Nut         1           95         3710-095         Nut         1           96         3710-097         Nut         2           98         3710-098         Nut         1           100         3710-100         Pin         1           100         3710-102         Flat washer         1           100         3710-103         Holder         1           101         3710-104         Nut         2           105         3710-105         Connectin	-			
85         3710-085         Flat washer         1           86         3710-086         Bolt         1           87         3710-087         Push post         1           88         3710-089         Flat washer         1           89         3710-090         Nut         1           90         3710-090         Nut         1           91         3710-091         Nut         1           92         3710-092         Flat washer         1           93         3710-093         Connecting rod         1           94         3710-095         Nut         1           95         3710-096         Flat washer         1           96         3710-097         Nut         2           98         3710-097         Nut         1           99         3710-098         Nut         1           100         3710-100         Pin         1           101         3710-101         Nut         1           102         3710-102         Flat washer         1           103         3710-103         Holder         1           104         3710-105         Connecting rod	-			
86         3710-086         Bolt         1           87         3710-087         Push post         1           88         3710-088         Push board         1           89         3710-089         Flat washer         1           90         3710-090         Nut         1           91         3710-091         Nut         1           92         3710-092         Flat washer         1           93         3710-093         Connecting rod         1           94         3710-094         Binding post         1           95         3710-095         Nut         1           96         3710-097         Nut         2           98         3710-098         Nut         1           99         3710-097         Nut         1           100         3710-100         Pin         1           100         3710-103         Holder         1           100         3710-102         Flat washer         1           103         3710-103         Holder         1           104         3710-104         Nut         2           105         3710-108         Nut				
87         3710-087         Push post         1           88         3710-088         Push board         1           89         3710-089         Flat washer         1           90         3710-090         Nut         1           91         3710-091         Nut         1           92         3710-092         Flat washer         1           93         3710-093         Connecting rod         1           94         3710-094         Binding post         1           95         3710-095         Nut         1           96         3710-096         Flat washer         1           97         3710-097         Nut         2           98         3710-099         Flat washer         1           100         3710-109         Piat washer         1           101         3710-101         Nut         1           102         3710-102         Flat washer         1           103         3710-103         Holder         1           104         3710-104         Nut         2           105         3710-105         Connecting rod         1           106         3710-108 <td></td> <td></td> <td></td> <td></td>				
88         3710-088         Push board         1           89         3710-089         Flat washer         1           90         3710-090         Nut         1           91         3710-091         Nut         1           92         3710-092         Flat washer         1           93         3710-093         Connecting rod         1           94         3710-094         Binding post         1           95         3710-095         Nut         1           96         3710-096         Flat washer         1           97         3710-097         Nut         2           98         3710-097         Nut         1           99         3710-098         Nut         1           100         3710-100         Pin         1           101         3710-100         Pin         1           102         3710-102         Flat washer         1           103         3710-103         Holder         1           104         3710-104         Nut         2           105         3710-105         Connecting rod         1           106         3710-108         Nut <td></td> <td></td> <td></td> <td></td>				
89         3710-089         Flat washer         1           90         3710-090         Nut         1           91         3710-091         Nut         1           92         3710-092         Flat washer         1           93         3710-093         Connecting rod         1           94         3710-094         Binding post         1           95         3710-095         Nut         1           96         3710-096         Flat washer         1           97         3710-097         Nut         2           98         3710-097         Nut         1           99         3710-097         Nut         1           100         3710-100         Pin         1           101         3710-100         Pin         1           102         3710-102         Flat washer         1           103         3710-103         Holder         1           104         3710-104         Nut         2           105         3710-105         Connecting rod         1           106         3710-107         Connecting rod         1           108         3710-109         Fl			-	
90         3710-090         Nut         1           91         3710-091         Nut         1           92         3710-092         Flat washer         1           93         3710-093         Connecting rod         1           94         3710-094         Binding post         1           95         3710-095         Nut         1           96         3710-096         Flat washer         1           97         3710-097         Nut         2           98         3710-097         Nut         1           99         3710-097         Nut         1           100         3710-109         Flat washer         1           100         3710-100         Pin         1           101         3710-100         Pin         1           102         3710-102         Flat washer         1           103         3710-103         Holder         1           104         3710-104         Nut         2           105         3710-105         Connecting rod         1           106         3710-107         Connecting rod         1           108         3710-109         F				
91         3710-091         Nut         1           92         3710-092         Flat washer         1           93         3710-093         Connecting rod         1           94         3710-094         Binding post         1           95         3710-095         Nut         1           96         3710-096         Flat washer         1           97         3710-097         Nut         2           98         3710-097         Nut         1           99         3710-098         Nut         1           100         3710-109         Flat washer         1           101         3710-100         Pin         1           102         3710-102         Flat washer         1           103         3710-103         Holder         1           103         3710-104         Nut         2           105         3710-105         Connecting rod         1           106         3710-106         Binding post         2           107         3710-108         Nut         1           108         3710-109         Flat washer         2           110         3710-110	-			
92         3710-092         Flat washer         1           93         3710-093         Connecting rod         1           94         3710-094         Binding post         1           95         3710-095         Nut         1           96         3710-096         Flat washer         1           97         3710-097         Nut         2           98         3710-097         Nut         1           99         3710-098         Nut         1           100         3710-109         Flat washer         1           100         3710-100         Pin         1           101         3710-101         Nut         1           102         3710-102         Flat washer         1           103         3710-103         Holder         1           104         3710-104         Nut         2           105         3710-105         Connecting rod         1           106         3710-107         Connecting rod         1           108         3710-108         Nut         1           109         3710-109         Flat washer         2           110         3710-110				
93         3710-093         Connecting rod         1           94         3710-094         Binding post         1           95         3710-095         Nut         1           96         3710-096         Flat washer         1           97         3710-097         Nut         2           98         3710-097         Nut         1           99         3710-098         Nut         1           100         3710-099         Flat washer         1           100         3710-100         Pin         1           101         3710-101         Nut         1           102         3710-102         Flat washer         1           103         3710-103         Holder         1           104         3710-104         Nut         2           105         3710-105         Connecting rod         1           106         3710-107         Connecting rod         1           108         3710-108         Nut         1           109         3710-109         Flat washer         2           111         3710-110         Spring washer         2           1111         3710-111				
94         3710-094         Binding post         1           95         3710-095         Nut         1           96         3710-096         Flat washer         1           97         3710-097         Nut         2           98         3710-098         Nut         1           99         3710-098         Nut         1           99         3710-099         Flat washer         1           100         3710-100         Pin         1           101         3710-101         Nut         1           102         3710-102         Flat washer         1           103         3710-103         Holder         1           103         3710-104         Nut         2           105         3710-105         Connecting rod         1           106         3710-106         Binding post         2           107         3710-108         Nut         1           108         3710-109         Flat washer         2           110         3710-110         Spring washer         2           111         3710-111         Socket head cap screw         2           112         3710-113<				
95         3710-095         Nut         1           96         3710-096         Flat washer         1           97         3710-097         Nut         2           98         3710-098         Nut         1           99         3710-099         Flat washer         1           100         3710-100         Pin         1           101         3710-101         Nut         1           102         3710-102         Flat washer         1           103         3710-103         Holder         1           103         3710-104         Nut         2           105         3710-105         Connecting rod         1           106         3710-106         Binding post         2           107         3710-108         Nut         1           108         3710-109         Flat washer         2           110         3710-110         Spring washer         2           110         3710-111         Socket head cap screw         2           111         3710-112         Nut         1           113         3710-115         Spring washer         3           115         3710-1				
96         3710-096         Flat washer         1           97         3710-097         Nut         2           98         3710-098         Nut         1           99         3710-099         Flat washer         1           100         3710-100         Pin         1           101         3710-101         Nut         1           102         3710-102         Flat washer         1           103         3710-103         Holder         1           103         3710-104         Nut         2           105         3710-105         Connecting rod         1           106         3710-106         Binding post         2           107         3710-107         Connecting rod         1           108         3710-108         Nut         1           109         3710-109         Flat washer         2           110         3710-110         Spring washer         2           111         3710-111         Socket head cap screw         2           1112         3710-112         Nut         1           113         3710-114         Socket head cap screw         3           115 <td></td> <td></td> <td></td> <td></td>				
97         3710-097         Nut         2           98         3710-098         Nut         1           99         3710-099         Flat washer         1           100         3710-100         Pin         1           101         3710-101         Nut         1           102         3710-102         Flat washer         1           103         3710-103         Holder         1           103         3710-104         Nut         2           105         3710-105         Connecting rod         1           106         3710-106         Binding post         2           107         3710-107         Connecting rod         1           108         3710-108         Nut         1           109         3710-109         Flat washer         2           110         3710-110         Spring washer         2           111         3710-111         Socket head cap screw         2           112         3710-113         Flat washer         1           113         3710-114         Socket head cap screw         3           115         3710-115         Spring washer         3				
98         3710-098         Nut         1           99         3710-099         Flat washer         1           100         3710-100         Pin         1           101         3710-101         Nut         1           102         3710-102         Flat washer         1           103         3710-103         Holder         1           104         3710-104         Nut         2           105         3710-105         Connecting rod         1           106         3710-106         Binding post         2           107         3710-106         Binding post         2           107         3710-107         Connecting rod         1           108         3710-108         Nut         1           109         3710-109         Flat washer         2           110         3710-110         Spring washer         2           111         3710-112         Nut         1           113         3710-113         Flat washer         1           114         3710-114         Socket head cap screw         3           115         3710-115         Spring washer         3           114<				
993710-099Flat washer11003710-100Pin11013710-101Nut11023710-102Flat washer11033710-103Holder11043710-104Nut21053710-105Connecting rod11063710-106Binding post21073710-107Connecting rod11083710-108Nut11093710-109Flat washer21103710-110Spring washer21113710-112Nut11133710-113Flat washer11143710-114Socket head cap screw31153710-115Spring washer31163710-116Flat washer31173710-117Connecting piece11183710-118Splitter heel11193710-119Splitter1	-			
1003710-100Pin11013710-101Nut11023710-102Flat washer11033710-103Holder11043710-104Nut21053710-105Connecting rod11063710-106Binding post21073710-107Connecting rod11083710-108Nut11093710-109Flat washer21103710-110Spring washer21113710-111Socket head cap screw21123710-113Flat washer11133710-114Socket head cap screw31153710-115Spring washer31163710-116Flat washer31173710-117Connecting piece11183710-118Splitter heel11193710-119Splitter1				
1013710-101Nut11023710-102Flat washer11033710-103Holder11043710-104Nut21053710-105Connecting rod11063710-106Binding post21073710-107Connecting rod11083710-108Nut11093710-109Flat washer21103710-110Spring washer21113710-111Socket head cap screw21123710-112Nut11133710-113Flat washer11143710-114Socket head cap screw31153710-115Spring washer31163710-116Flat washer31173710-117Connecting piece11183710-118Splitter heel11193710-119Splitter1				
1023710-102Flat washer11033710-103Holder11043710-104Nut21053710-105Connecting rod11063710-106Binding post21073710-107Connecting rod11083710-108Nut11093710-109Flat washer21103710-110Spring washer21113710-111Socket head cap screw21123710-112Nut11133710-113Flat washer11143710-114Socket head cap screw31153710-115Spring washer31163710-116Flat washer31173710-117Connecting piece11183710-118Splitter heel11193710-119Splitter1				
1033710-103Holder11043710-104Nut21053710-105Connecting rod11063710-106Binding post21073710-107Connecting rod11083710-108Nut11093710-109Flat washer21103710-110Spring washer21113710-111Socket head cap screw21123710-112Nut11133710-113Flat washer11143710-114Socket head cap screw31153710-115Spring washer31163710-116Flat washer31173710-117Connecting piece11183710-118Splitter heel11193710-119Splitter1				
1043710-104Nut21053710-105Connecting rod11063710-106Binding post21073710-107Connecting rod11083710-108Nut11093710-109Flat washer21103710-110Spring washer21113710-111Socket head cap screw21123710-112Nut11133710-113Flat washer11143710-114Socket head cap screw31153710-115Spring washer31163710-116Flat washer31173710-117Connecting piece11183710-118Splitter heel11193710-119Splitter1				
105         3710-105         Connecting rod         1           106         3710-106         Binding post         2           107         3710-107         Connecting rod         1           108         3710-107         Connecting rod         1           109         3710-108         Nut         1           109         3710-109         Flat washer         2           110         3710-110         Spring washer         2           111         3710-111         Socket head cap screw         2           112         3710-112         Nut         1           113         3710-113         Flat washer         1           114         3710-114         Socket head cap screw         3           115         3710-115         Spring washer         3           116         3710-116         Flat washer         3           116         3710-117         Connecting piece         1           118         3710-118         Splitter heel         1           119         3710-119         Splitter         1				
106         3710-106         Binding post         2           107         3710-107         Connecting rod         1           108         3710-108         Nut         1           109         3710-109         Flat washer         2           110         3710-109         Flat washer         2           110         3710-110         Spring washer         2           111         3710-111         Socket head cap screw         2           112         3710-112         Nut         1           113         3710-113         Flat washer         1           114         3710-114         Socket head cap screw         3           115         3710-115         Spring washer         3           116         3710-116         Flat washer         3           117         3710-117         Connecting piece         1           118         3710-118         Splitter heel         1           119         3710-119         Splitter         1				
107         3710-107         Connecting rod         1           108         3710-108         Nut         1           109         3710-109         Flat washer         2           110         3710-110         Spring washer         2           111         3710-111         Socket head cap screw         2           112         3710-112         Nut         1           113         3710-113         Flat washer         1           114         3710-114         Socket head cap screw         3           115         3710-115         Spring washer         3           116         3710-116         Flat washer         3           116         3710-117         Connecting piece         1           118         3710-118         Splitter heel         1           119         3710-119         Splitter         1			-	
108         3710-108         Nut         1           109         3710-109         Flat washer         2           110         3710-110         Spring washer         2           111         3710-111         Socket head cap screw         2           112         3710-112         Nut         1           113         3710-113         Flat washer         1           114         3710-114         Socket head cap screw         3           115         3710-115         Spring washer         3           116         3710-116         Flat washer         3           116         3710-117         Connecting piece         1           118         3710-118         Splitter heel         1           119         3710-119         Splitter         1				
1093710-109Flat washer21103710-110Spring washer21113710-111Socket head cap screw21123710-112Nut11133710-113Flat washer11143710-114Socket head cap screw31153710-115Spring washer31163710-116Flat washer31173710-117Connecting piece11183710-118Splitter heel11193710-119Splitter1			-	
110         3710-110         Spring washer         2           111         3710-111         Socket head cap screw         2           112         3710-112         Nut         1           113         3710-113         Flat washer         1           114         3710-114         Socket head cap screw         3           115         3710-115         Spring washer         3           116         3710-116         Flat washer         3           117         3710-117         Connecting piece         1           118         3710-118         Splitter heel         1           119         3710-119         Splitter         1				
111         3710-111         Socket head cap screw         2           112         3710-112         Nut         1           113         3710-113         Flat washer         1           114         3710-114         Socket head cap screw         3           115         3710-115         Spring washer         3           116         3710-116         Flat washer         3           117         3710-117         Connecting piece         1           118         3710-118         Splitter heel         1           119         3710-119         Splitter         1				
112         3710-112         Nut         1           113         3710-113         Flat washer         1           114         3710-114         Socket head cap screw         3           115         3710-115         Spring washer         3           116         3710-116         Flat washer         3           117         3710-117         Connecting piece         1           118         3710-118         Splitter heel         1           119         3710-119         Splitter         1	111			
113         3710-113         Flat washer         1           114         3710-114         Socket head cap screw         3           115         3710-115         Spring washer         3           116         3710-116         Flat washer         3           117         3710-117         Connecting piece         1           118         3710-118         Splitter heel         1           119         3710-119         Splitter         1				
114         3710-114         Socket head cap screw         3           115         3710-115         Spring washer         3           116         3710-116         Flat washer         3           117         3710-117         Connecting piece         1           118         3710-118         Splitter heel         1           119         3710-119         Splitter         1			Flat washer	
115         3710-115         Spring washer         3           116         3710-116         Flat washer         3           117         3710-117         Connecting piece         1           118         3710-118         Splitter heel         1           119         3710-119         Splitter         1				
116         3710-116         Flat washer         3           117         3710-117         Connecting piece         1           118         3710-118         Splitter heel         1           119         3710-119         Splitter         1			<u>^</u>	3
118         3710-118         Splitter heel         1           119         3710-119         Splitter         1	116	3710-116	~ <del>-</del>	3
118         3710-118         Splitter heel         1           119         3710-119         Splitter         1	117	3710-117	Connecting piece	1
119 3710-119 Splitter 1	118	3710-118		1
	119	3710-119		1
	120	3710-120	Splitter flat	1

Item #	Stock #	Description	Qty
121	3710-121	Disk spring	2
122	3710-122	Locking axis	1
123	3710-123	Locking handle	1
124	3710-124	Round pin	1
125	3710-125	Screw	3
126	3710-126	Washer	3
130	3710-130	Rubber plug	1
131	3710-131	Screw	4
132	3710-132	Spring washer	4
133	3710-133	Flat washer	4
134	3710-134	Screw	6
135	3710-135	Bracing sheet	1
136	3710-136	Nut	6
137	3710-137	Screw	2
138	3710-138	Cable flat	1
139	3710-139	Jacket	1
140	3710-140	Cable	1
141	3710-141	Base	1
142	3710-142	Grip slipper	1
143	3710-143	Spring piece	1
144	3710-144	Screw	1
145	3710-145	Switch	1
146	3710-146	Screw	4
147	3710-147	Switch box cover	1
148	3710-148	Protector	1
149	3710-149	Switch box	1
150	3710-150		2
151	3710-151	Plus screw	2
152	3710-152	Spring washer	2
153	3710-153	Flat washer	2
154	3710-154	Nut	2
155	3710-155	socket head cap screw	2
156	3710-156	Angle ruler button	1
157	3710-157	Bolt	1
158	3710-158	Pointer	1
159	3710-159	Screw	1
160	3710-160	Flat washer	1
161	3710-161	Spring washer	1
162	3710-162	Miter gauge	1
163	3710-163	Flat washer	1

Item #	Stock #	Description	Qty
164	3710-164	lock knob	1
165	3710-165	lock knob cover	1
166	3710-166	Ruler	1
168	3710-168	Bolt	2
169	3710-169	Back plate	1
170	3710-170	Bolt	2
171	3710-171	Screw	2
172	3710-172	Spring	1
173	3710-173	Cage	1
174	3710-174	Back plate	1
175	3710-175	Pin	1
176	3710-176	Slide post	1
177	3710-177	Back plate	1
178	3710-178	Slide post	1
179	3710-179	Back plate	1
180	3710-180	Screw	2
181	3710-181	Screw	2
182	3710-182	Pin	1
183	3710-183	Locking wheel	1
184	3710-184	Pin	1
185	3710-185	Casing pipe	1
186	3710-186	Connecting rod	4
187	3710-187	Locking wheel	1
188	3710-188	Pin	1
189	3710-189	Socket head cap screw	2
190	3710-190	Locking piece	1
191	3710-191	Spring block circle	1
192	3710-192	Kick paw	1
193	3710-193	Spacer sleeve	1
194	3710-194	Kick plate	1
195	3710-195	Round pin	1
196	3710-196	Spacer sleeve	1
197	3710-197	Kick paw	1
198	3710-198	Spring block circle	1
199	3710-199	Tensional spring	1
200	3710-200	Lock pin	1
201	3710-201	Lock spring	1
202	3710-202	Pull knob	1
203	3710-203	Screw	2
204	3710-204	Lock washer	2

Item #	Stock #	Description	Qty
205	3710-205	Guiding rule	1
206	3710-206	Flat washer	1
207	3710-207	Splint	1
208	3710-208	Pull rod	1
209	3710-209	Spring	1
210	3710-210	Splint	1
211	3710-211	Spring plate	1
212	3710-212	Screw	1
213	3710-213	Spring washer	1
214	3710-214	Flat washer	1
215	3710-215	Pointer	1
216	3710-216	Adjusting knob	1
217	3710-217	Pin	1
218	3710-218	Holder	1
219	3710-219	Pin	1
220	3710-220	Wobbler	1
221	3710-221	Round pin	1
222	3710-222	Nut	1
223	3710-223	Handle	1
224	3710-224	Table	1
225	3710-225	Base plate	1
226	3710-226	Table insert	1
227	3710-227	Screw	2
228	3710-228	Dust leg	1
229	3710-229	Flat washer	4
230	3710-230	Spring washer	4
231	3710-231	Screw	4
232	3710-232	Push stick	1
233	3710-233	Open spanner	1
234	3710-234	Spanner	1

# **Limited Two Years Warranty**

WEN Products is committed to build tools that are dependable for years. Our warranties are consistent with this commitment and our dedication to quality.

#### LIMITED WARRANTY OF WEN CONSUMER POWER TOOLS PRODUCTS FOR HOME USE

GREAT LAKES TECHNOLOGIES, LLC ("Seller") warrants to the original purchaser only, that all WEN consumer power tools will be free from defects in material or workmanship for a period of two (2) years from date of purchase. Ninety days for all WEN products, if the tool is used for professional use.

SELLER'S SOLE OBLIGATION AND YOUR EXCLUSIVE REMEDY under this Limited Warranty and, to the extent permitted by law, any warranty or condition implied by law, shall be the repair or replacement of parts, without charge, which are defective in material or workmanship and which have not been misused, carelessly handled, or misrepaired by persons other than Seller or Authorized Service Center. To make a claim under this Limited Warranty, you must return the complete power tool product; transportation prepaid, to Great Lakes Technologies, LL C – 501 Davis Road – Elgin, IL. 60123 with a copy of the original receipt which is legible and clearly defines Date of Purchase including month and year and Place of Purchase.

THIS LIMITED WARRANTY DOES NOT APPLY TO ACCESSORY ITEMS SUCH AS CIRCULAR SAW BLADES, DRILL BITS, ROUTER BITS, JIGSAW BLADES, SANDING BELTS, GRINDING WHEELS AND OTHER RELATED ITEMS.

ANY IMPLIED WARRANTIES SHALL BE LIMITED IN DURATION TO TWO (2) YEARS FROM DATE OF PURCHASE. SOME STATES IN THE U.S., SOME CANADIAN PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

IN NO EVENT SHALL SELLER BELIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING BUT NOT LIMITED TO LIABILITY FOR LOSS OF PROFITS) ARISING FROM THE SALE OR USE OF THIS PRODUCT. SOME STATES IN THE U.S. AND SOME CANADIAN PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE IN THE U.S., PROVINCE TO PROVINCE IN CANADA AND FROM COUNTRY TO COUNTRY.

THIS LIMITED WARRANTY APPLIES ONLY TO PORTABL EELECTRIC TOOLS, BENCH POWER TOOLS, OUTDOOR POWER EQUIPMENT AND PNUMATIC TOOLS SOLD WITHIN THE UNITED STATES OF AMERICA, CANADA AND THE COMMONWEALTH OF PUERTO RICO. FOR WARRANTY COVERAGE WITHIN OTHER COUNTRIES, CONTACT THE WEN CUSTOMER SUPPORT.