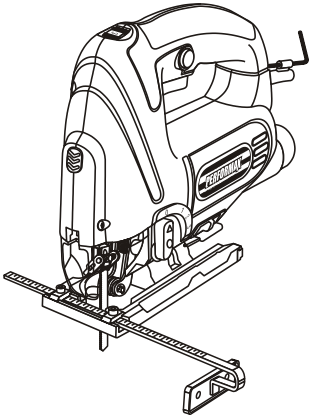
ORBITAL JIGSAW WITH LASER AND LED WORK LIGHT

241-0992

Owner's Manual



PRODUCT SPECIFICATIONS	
Rating:	120V, 60Hz, AC
Amperes:	6.0 AMP
Variable speed:	800–3,000 SPM (no load)
Stroke length:	3/4"
Blade change system:	Tool free
Blade types:	"T" or "U" shank
Cutting depth @ 90°:	Wood: 3 1/8" Metal: 5/16"
Orbital settings:	4 (including neutral)
Base plate bevel:	0–45°
Weight:	5.1 lb

Need Assistance?

Call us on our toll free customer support line:
1-866-349-8665

- Technical questions
- Replacement parts
- Parts missing from package

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GENERAL SAFETY WARNINGS

WARNING: Before using this tool or any of its accessories, read this manual and follow all Safety Rules and Operating Instructions. The important precautions, safeguards and instructions appearing in this manual are not meant to cover all possible situations. It must be understood that common sense and caution are factors which cannot be built into the product.

This instruction manual includes the following:

- **General Safety Rules**
- **Specific Safety Rules and Symbols**
- **Functional Description**
- **Assembly**
- **Operation**
- **Maintenance**
- **Accessories**

EYE, EAR & LUNG PROTECTION

ALWAYS WEAR EYE PROTECTION THAT CONFORMS WITH CSA REQUIREMENTS or ANSI SAFETY STANDARD Z87.1

FLYING DEBRIS can cause permanent eye damage. Prescription eyeglasses ARE NOT a replacement for proper eye protection.

WARNING: Non-compliant eyewear can cause serious injury if broken during the operation of a power tool.

WARNING: Use hearing protection, particularly during extended periods of operation of the tool, or if the operation is noisy.

SAVE THESE INSTRUCTIONS FOR REFERENCE

GENERAL SAFETY WARNINGS

WEAR A DUST MASK THAT IS DESIGNED TO BE USED WHEN OPERATING A POWER TOOL IN A DUSTY ENVIRONMENT.

WARNING: Dust that is created by power sanding, sawing, grinding, drilling, and other construction activities may contain chemicals that are known to cause cancer, birth defects, or other genetic abnormalities. These chemicals include:

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

The level of risk from exposure to these chemicals varies, according to how often this type of work is performed. In order to reduce exposure to these chemicals, work in a well-ventilated area, and use approved safety equipment, such as a dust mask that is specifically designed to filter out microscopic particles.

ELECTRICAL SAFETY

WARNING: To avoid electrical hazards, fire hazards or damage to the tool, use proper circuit protection.

This tool is wired at the factory for 120 V AC operation. It must be connected to a 120 V AC, 15 A circuit that is protected by a time-delayed fuse or circuit breaker. To avoid shock or fire, replace power cord immediately if it is worn, cut or damaged in any way.

SAVE THESE INSTRUCTIONS FOR REFERENCE

POWER TOOL SAFETY

⚠ **WARNING: Read all safety warnings and instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

Work area safety

Keep work area clean and well lit. Cluttered or dark areas invite accidents.

Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.

Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

Electrical safety

Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of a ground fault circuit interrupter (GFCI) reduces the risk of electric shock.

Personal safety

Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.

Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

POWER TOOL SAFETY

PERSONAL SAFETY – cont'd

Power tool use and care

Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

Hold power tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.

Use clamps or another practical way to secure and support the workpiece to a stable platform. Holding the work by hand or against your body leaves it unstable and may lead to loss of control.

Service

Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

SPECIFIC SAFETY RULES

⚠ **WARNING: Know your jigsaw. Do not plug in the jigsaw until you have read and understand this Instruction Manual. Learn the tool's applications and limitations, as well as the specific potential hazards related to this tool.** Following this rule will reduce the risk of electric shock, fire, or serious injury.

Always wear eye protection. Any power tool can throw foreign objects into your eyes and cause permanent eye damage. ALWAYS wear safety goggles (not glasses) that comply with ANSI safety standard Z87.1. Everyday glasses have only impact resistant lenses. They ARE NOT safety glasses.

⚠ **WARNING: Glasses or goggles not in compliance with ANSI Z87.1 could cause serious injury when they break.**

Always wear safety goggles, hearing protection and a dust mask. Use only in well-ventilated areas. Using personal safety devices and working in a safe environment reduces the risk of injury.

Hold the tool by insulated gripping surfaces when performing an operation where the saw blade may contact hidden wiring or its own cord. Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.

Always make sure the work surface is free of nails and other foreign objects. Cutting into a nail can cause the blade and the tool to jump and damage the blade.

Never hold the workpiece in one hand and the tool in the other hand when sawing.

Never place your hands near or below the cutting surface. Clamping the material and guiding the tool with both hands is much safer.

Never lay the workpiece on hard surfaces like concrete, stone, etc. The protruding blade may cause the tool to jump.

⚠ **DANGER:** Always remove the plug from the power source when changing the blade and when making adjustments.

Use only "U" or "T" shank blades that are designed specifically for jigsaw use. Never use a broken blade, as it will not be securely held in the tool.

After changing a blade, make sure the blade is securely held in the blade holder. Loose blades will be violently thrown.

Never touch the blade during or immediately after use. After use, the blade is too hot to be touched by bare hands.

Never use dull or damaged blades. Sharp blades must be handled with care. Damaged blades can snap during use. Dull blades require more force to cut the workpiece, possibly causing the blade to break.

Always use the straight reciprocating action when cutting metal. Blades will last longer and will be less likely to break.

EXTENSION CORD SAFETY

⚠ **WARNING: Keep the extension cord clear of the working area.** Position the cord so it will not get caught on the workpiece, tools or any other obstructions while you are working with the power tool.

Make sure any extension cord used with this tool is in good condition. When using an extension cord, be sure to use one of heavy enough gauge to carry the current the tool will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating.

The table at right shows the correct size to use according to cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number the heavier the cord.

Be sure your extension cord is properly wired and in good condition. Always replace a damaged extension cord or have it repaired by a qualified electrician before using it. Protect your extension cord from sharp objects, excessive heat and damp or wet areas.

Use a separate electrical circuit for your power tools. This circuit must not be less than 14 gauge wire and should be protected with either a 15 AMP time delayed fuse or circuit breaker. Before connecting the power tool to the power source, make sure the switch is in the OFF position and the power source is the same as indicated on the nameplate. Running at lower voltage will damage the motor.

⚠ **WARNING: Repair or replace damaged or worn extension cords immediately.**

Select the appropriate extension cord gauge and length using the chart below.

When operating a power tool outdoors, use an outdoor extension cord marked "W-A" or "W". These cords are rated for outdoor use and reduce the risk of electric shock.

⚠ **WARNING: Keep the extension cord clear of the working area. Position the cord so it will not get caught on the workpiece, tools or any other obstructions while you are working with the power tool.**

MINIMUM GAUGE (AWG)
EXTENSION CORDS (120V use only)

Amperage rating		Total length			
More than	Not more than	25' (7.5 m)	50' (15 m)	100' (30 m)	150' (45 m)
0	6	18	16	16	14
6	10	18	16	14	12
10	12	16	16	14	12
12	16	14	12	Not Applicable	

SYMBOLS

⚠ WARNING: Some of the following symbols may appear on the jigsaw. Study these symbols and learn their meaning. Proper interpretation of these symbols will allow for more efficient and safer operation of this tool.

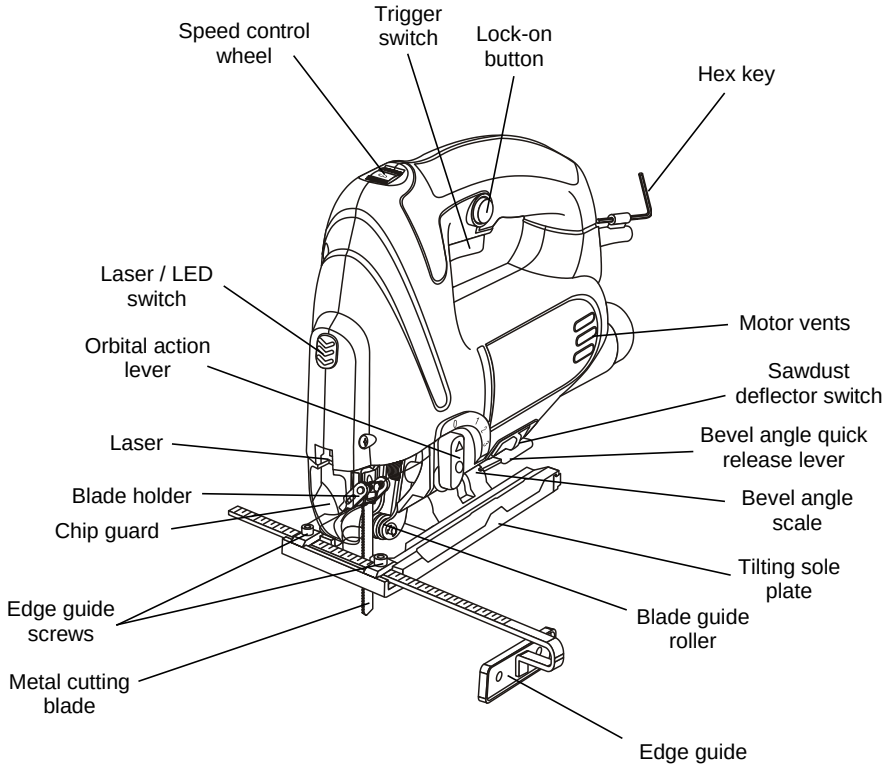
V	Volts
A	Amperes
Hz	Hertz
W	Watts
kW	Kilowatts
μF	Microfarads
L	Liters
kg	Kilograms
H	Hours
N/cm^2	Newtons per square centimeter
Pa	Pascals
OPM	Oscillations per minute
Min	Minutes
S	Seconds
~ or a.c.	Alternating current
3~	Three-phase alternating current
3N~	Three-phase alternating current with neutral

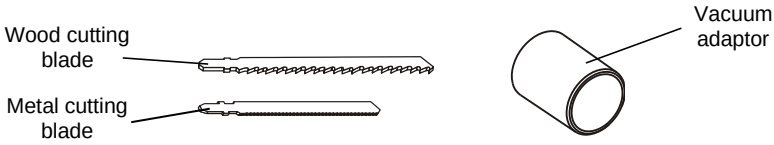
⎓	Direct current
n_o	No load speed
⎓~	Alternating or direct current
⧈	Class II construction
	Splash-proof construction
	Watertight construction
⏚	Protective grounding at grounding terminal, Class I tools
.../min	Revolutions or reciprocations per minute
Ø	Diameter
0	Off position
→	Arrow
⚠	Warning symbol
	Wear your safety glasses

C ETL LISTED US
Intertek
3042597
JD2902LU

This symbol designates that this tool is listed with U.S. requirements by ETL Testing Laboratories, Inc. Conforms to UL Std. 60745-1 and 60745-2-11.

KNOW YOUR JIGSAW





ASSEMBLY AND OPERATION

INSTALLING A BLADE

⚠ WARNING: Always remove the plug from the power source before installing or removing a blade or adjusting the jigsaw in any way.

1. To install a blade in the jigsaw, push upward on the blade locking lever (1) (Fig. 1).

2. Insert the appropriate blade (2) into the blade slot (3) as far as it will go.

NOTE: Make sure the rear edge of the blade is nested in the blade guide roller (4).

3. Release the blade-locking lever.

NOTE: The blade will automatically be locked into the blade holder. Pull outward on the blade to ensure it is properly locked into the blade holder.

REMOVING A BLADE

To remove a blade, simply push upward on the blade locking lever and remove the blade from the blade holder.

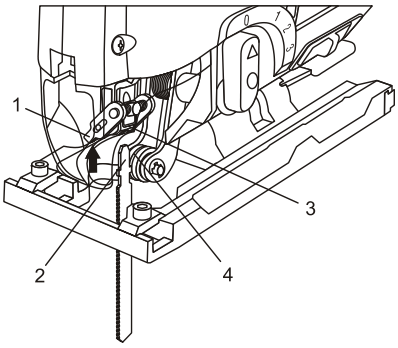


Fig. 1

HEX KEY STORAGE

The 1/8" (3 mm) hex key (1) for adjusting the edge guide is stored in power cord holder (2) at the rear of the jigsaw (Fig. 2).

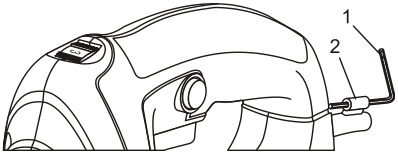


Fig. 2

INSTALLING THE EDGE GUIDE

This jigsaw is equipped with an edge guide that will assist in cutting narrow edges from a workpiece.

1. Loosen the two edge guide mounting screws (1) (Fig. 3).

2. Insert the edge guide (2) into the edge guide mounting slots (3) in the sole plate.

3. Set the edge guide at the desired distance from the blade and lock it into place by tightening the edge guide mounting screws.

NOTE: Tighten the screws using the 1/8" (3 mm) hex key supplied.

4. Make a test cut on a scrap workpiece to ensure the edge guide is set correctly.

5. Adjust the edge guide as required.

INSTALLING THE EDGE GUIDE – cont'd

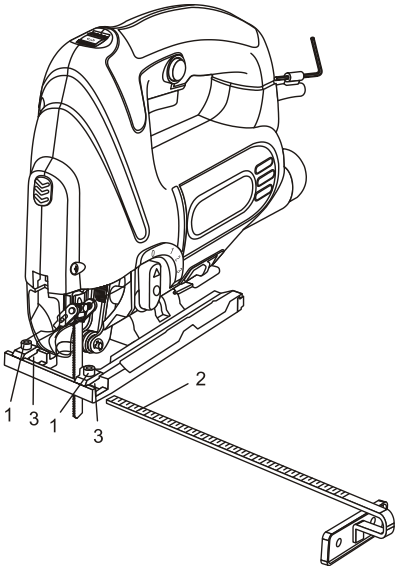


Fig. 3

SETTING THE BEVEL CUTTING ANGLE

Bevel cutting angles may be adjusted from 0° to 45° either left or right. To adjust the bevel angle:

1. Lift the bevel angle quick release lever (1) out of the sole plate (2) until the sole plate can be rotated (Fig. 4).

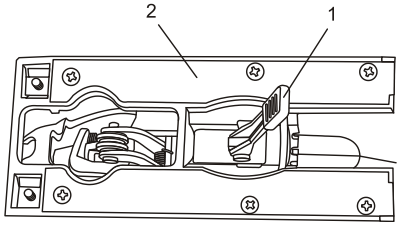


Fig. 4

2. Bevel angles (3) are marked on a scale located on the side of the base (Fig. 5).

3. Slide the base toward the front of the jigsaw and align the bevel angle with the edge of the base (4).

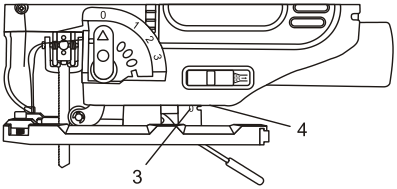


Fig. 5

4. Slide the base backward to engage the bevel angle slot (5) with the indexing pin (6) (Fig. 6)

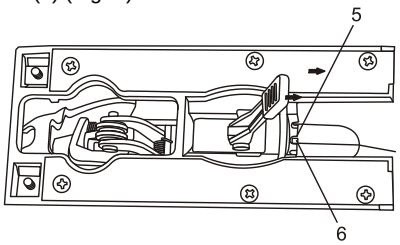


Fig. 6

NOTES:
a) Use a protractor to check the bevel angle between the blade and the base.
b) To set the bevel angle at intermediate angles, do not slide the base backward.

5. Once the desired bevel angle is obtained, lock the base by pressing the quick release lever into the sole plate.

6. Make a test cut in a scrap workpiece and measure the bevel angle. Adjust the bevel angle if necessary.

ASSEMBLY AND OPERATION

SETTING THE ORBITAL CUTTING ANGLE

The variable orbital cutting action allows you to select one of four different blade angles.

Position	Angle	Material
0	Neutral	Metal
1	Small	Hard wood
2	Large	Soft wood
3	Full	Styrofoam

To set the orbital cutting angle, rotate the orbital cutting lever forward or backward to the desired setting number (1) (Fig. 7).

NOTE: The orbital setting button will "click" at each of the four positions. Slide the orbital button slightly forward or backward until it locks into place.

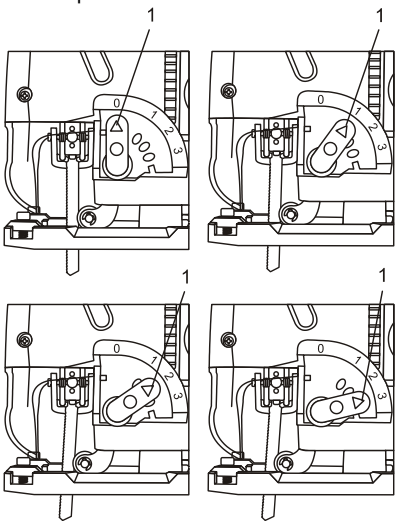


Fig. 7

LASER / LED WORKLIGHT SWITCH

The laser / LED worklight switch (1) is located in the front of the saw housing (Fig. 8). This 4 position switch turns the laser and LED worklight (2) ON and OFF. The following chart indicates the status of each component.

Press switch	LED light	Laser
Once	ON	OFF
Twice	OFF	ON
Three times	ON	ON
Four times	OFF	OFF

To turn either the laser or LED worklight ON or OFF, press the switch the number of times indicated in the above chart.

⚠ **DANGER:** Never point the laser at anyone or look directly into the laser beam. The laser beam can cause blindness.

The laser beam will throw a marker beam on the workpiece to help you guide the jigsaw through the desired cutting pattern

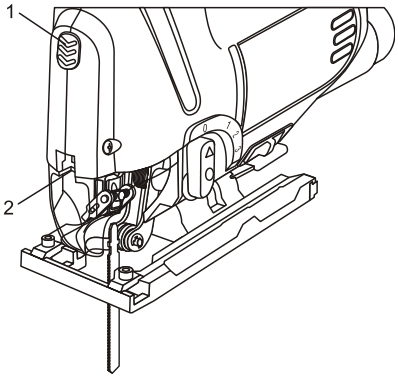


Fig. 8

VARIABLE SPEED CONTROL WHEEL

Set the jigsaw speed by rotating the variable speed control wheel (1) to the appropriate speed (Fig. 9). Rotating the variable speed control wheel toward the rear of the jigsaw will result in slower speeds. Position the speed control dial at "1" for the slowest speed, "3" for medium speed and at "6" for the highest speed.

VARIABLE SPEED CONTROL WHEEL – cont'd

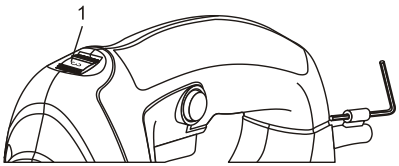


Fig. 9

TRIGGER SWITCH

The trigger switch turns the jigsaw ON and OFF.

1. To turn the jigsaw ON, squeeze the trigger switch (1) (Fig. 10).

2. To turn the jigsaw OFF, release the trigger switch.

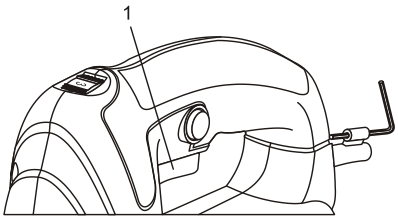


Fig. 10

LOCK-ON BUTTON

Your jigsaw is equipped with a lock-on feature, which is convenient when continuous cutting for extended periods of time is required (Fig. 11). To lock the switch ON, depress the trigger switch (1), push in and hold the lock-on button (2) located at the left side of the handle, then release the trigger. Release the lock-on button and your jigsaw will continue running. To turn the jigsaw OFF, depress and release the trigger switch to release lock.

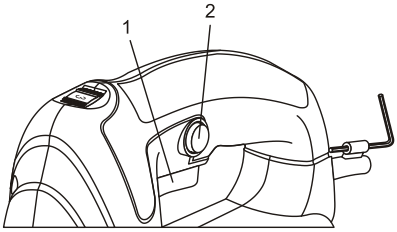


Fig. 11

INSTALLING THE VACUUM ADAPTOR

To reduce the amount of loose sawdust produced while cutting, a workshop vacuum can be attached to the jigsaw by using the vacuum adapter supplied with the jigsaw.

To install the vacuum adapter (1), insert the adapter into the vacuum port (2) in the rear of the jigsaw housing (Fig. 12).

NOTES:
a) The vacuum adapter is slightly tapered. If the adapter is too large to be inserted into the vacuum port, insert the opposite end of the adaptor into the vacuum port.
a) Twist the adapter slightly as it is pressed into the vacuum port to ensure it is fully inserted.

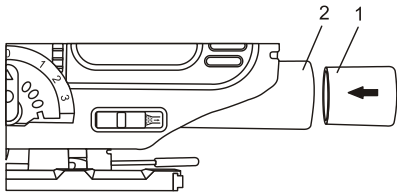


Fig. 12

VACUUM PORT SWITCH

During normal use without the vacuum adaptor installed, the vacuum port switch (1) must be slid toward the front of the tool (Fig. 13). This will allow the internal motor fan to continuously blow the sawdust away from the cutting mark. When the vacuum adaptor is installed, the vacuum port switch must be slid toward the rear of the tool. This positions the internal baffle to divert the sawdust through the vacuum port so it can be evacuated by the workshop vacuum.

VACUUM PORT SWITCH – cont'd

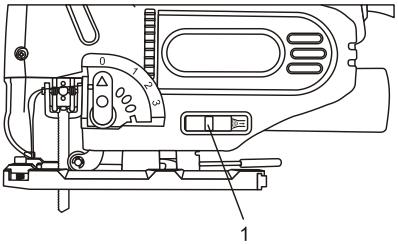


Fig. 13

MATERIALS YOU CAN CUT

This jigsaw is a versatile tool that allows you to cut many different types of materials. Some of these materials include:

- Wood products such as lumber, hardwood, plywood, composite board, and panelling
- Drywall
- Styrofoam
- Fibre board and plastic
- Metals such as pipe, steel rods, sheet steel, aluminum, brass, and copper.

NOTE: There are many different types of blades available. Generally, there are metal cutting blades (fine teeth) and wood cutting blades (coarse teeth). Use the correct blade for your application. The packaging on the blade will indicate the type of materials each blade is designed to cut.

⚠ WARNING

For safety reasons, the operator must read the sections of this Owner's Manual entitled "GENERAL SAFETY WARNINGS", "POWER TOOL SAFETY", "SPECIFIC SAFETY RULES", "EXTENSION CORD SAFETY" and "SYMBOLS" before using this jigsaw.

Verify the following every time the jigsaw is used:

1. **The blade is sharp and in good condition.**
2. **The blade is firmly clamped into the blade holder.**
3. **The workpiece is properly secured.**
4. **Safety glasses and hearing protection are being worn.**

Failure to observe these safety rules will significantly increase the risk of injury.

GENERAL CUTTING

1. Clearly mark the workpiece to locate the position of the cut.

2. Hold smaller workpieces with a vise. Clamp larger workpieces to a workbench or table.

⚠ DANGER: Any workpiece that is not adequately clamped in place may come loose and cause serious injury. Never hold the workpiece with your hand.

⚠ WARNING: Keep your hands and fingers away from between the motor housing and the blade holder. Do not reach underneath the workpiece while the jigsaw is running.

GENERAL CUTTING – cont'd

3. Rest the front of the jigsaw base on the workpiece and align cutting edge of the blade with the cutting line on your workpiece (Fig. 14). Make sure the power cord is out of your way and not in the path the blade will follow.

4. While firmly gripping the jigsaw, and with the blade NOT in contact with the surface to be cut, start the jigsaw by squeezing the trigger switch.

5. Once the jigsaw has reached the desired speed, gradually bring the moving blade into contact with the workpiece at the appropriate location.

NOTE: Apply enough downward pressure to keep the jigsaw steady and only enough forward pressure to keep the blade cutting freely.

⚠ CAUTION: Do not force the jigsaw. Use only enough force to keep the blade cutting. Excessive pressure on the blade will cause it to bend and twist, which may result in breaking the blade.

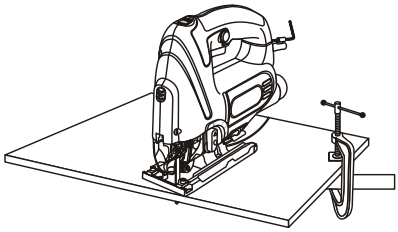


Fig. 14

BEVEL CUTTING

Bevel cutting angles may be adjusted from 0° to 45° either left or right. To adjust the bevel angle, refer to Fig. 4, 5 & 6.

Once the cutting angle has been verified, proceed with the cutting activity as outlined in "GENERAL CUTTING" above.

PLUNGE CUTTING

⚠ WARNING: To avoid loss of control, broken blades or damage to the workpiece, always use extreme caution when making plunge cuts. It is not recommended to plunge cut any material other than wood. Wherever possible, drill a pilot hole 3/8" (9.5 mm) or larger in the area to be cut out and start cutting with the blade in the pilot hole. This will avoid the need to plunge cut.

NOTE: Use only blades with 7 teeth per inch for plunge cutting.

1. To plunge cut an inside hole, clearly mark the cutting line on the workpiece.

2. Set the bevel angle at 0°, and then lock the base plate.

3. Tilt the jigsaw forward so it rests on the front edge of the base plate and in a position where the blade will NOT touch the workpiece when the switch is turned ON (Fig. 15).

NOTE: Make sure the saw blade is inside the area to be cut.

4. Start the jigsaw and slowly lower the blade onto the workpiece while making sure the front of the saw base remains in contact with the workpiece. Allow the blade to slowly cut through the wood.

5. Continue lowering the blade into the workpiece until the jigsaw base rests flat on the workpiece. Continue sawing toward the cutting line and complete the cut as required.

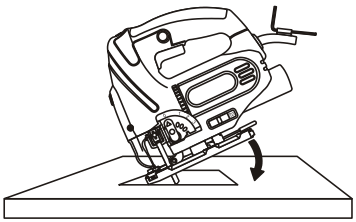


Fig. 15

ASSEMBLY AND OPERATION

METAL CUTTING

Many types of metal can be cut with your jigsaw. When cutting any kind of material, be careful not to twist or bend the blades. **Do not force the blade.** If the blade chatters or vibrates excessively, use a finer toothed blade. If the blade heats excessively, reduce the speed of cutting. If the blade teeth become clogged when cutting soft metals, such as aluminum, use a coarser blade with fewer teeth per inch. Use kerosene when cutting soft metals and oil when cutting steel to keep the blade cool and to extend the blade life. Clamp all work firmly and saw as close as possible to the clamping point to eliminate any vibration of the work being cut.

When cutting conduit, pipe or angle iron, clamp the workpiece in a vise if possible and saw close to the vise. To cut thin sheet materials, "sandwich" the material between hardboard or plywood and clamp the layers to eliminate material vibration and tearing. By doing this, the material will be cut smoothly. Lay out your pattern or cutting lines on top of the "sandwich".

MAINTENANCE

GENERAL

⚠ WARNING: When servicing this tool, use only identical replacement parts. The use of any other part may create a hazard or cause product damage.

DO NOT use solvents when cleaning plastic parts. Plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use a clean cloth to remove dirt, dust, oil, grease etc.

⚠ WARNING: Do not allow brake fluids, gasoline, petroleum-based products, penetrating oils, etc. to come into contact with plastic parts. They contain chemicals that can damage, weaken or destroy plastic.

DO NOT abuse power tools. Abusive practices can damage the tool and the workpiece.

⚠ WARNING: DO NOT attempt to modify tools or create accessories. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious injury. It will also void the warranty.

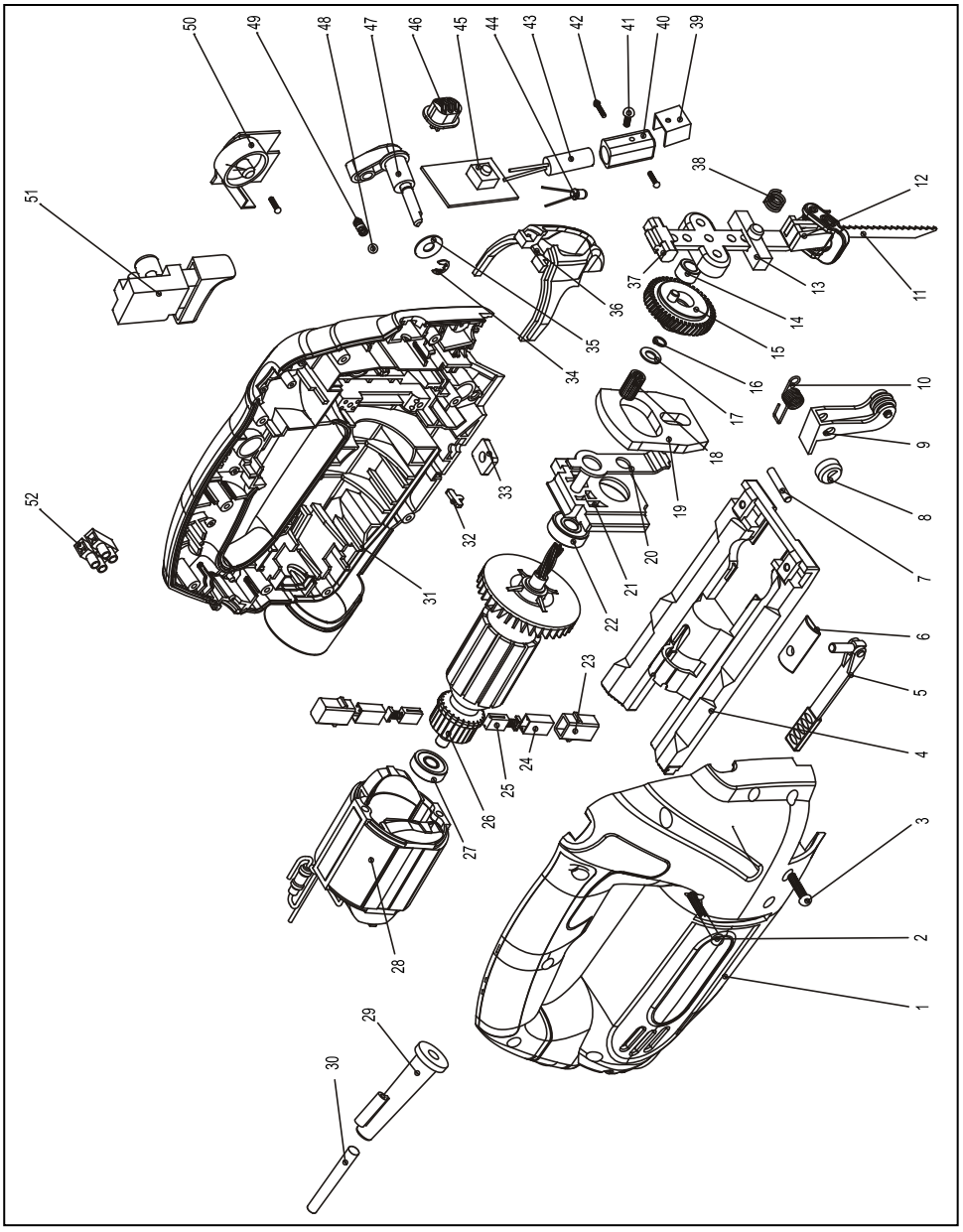
It has been found that electric tools are subjected to accelerated wear and possible premature failure when they are used on fiberglass boats and sports cars, wallboard, spackling compounds or plaster. The chips and grindings from these materials are highly abrasive to electric tool parts such as bearings, brushes, commutators, etc. Consequently, it is not recommended that this tool be used for extended work on any fiberglass material, wallboard, spackling compounds or plaster. During any use on these materials it is extremely important that the tool is cleaned frequently by blowing the accumulated debris out with an air jet.

⚠ WARNING: Always wear safety goggles or safety glasses with side shields during all cutting operations. It is critical that you wear safety goggles or safety glasses with side shields and a dust mask while blowing dust out of the jigsaw with an air jet. Failure to take these safety precautions could result in permanent eye or lung damage.

LUBRICATION

All of the bearings in this tool are lubricated with a sufficient amount of high-grade lubricant for the life of the unit under normal conditions. Therefore, no further lubrication is required.

EXPLODED VIEW



PARTS LIST

⚠ **WARNING:** When servicing, use only original equipment replacement parts. The use of any other parts may create a safety hazard or cause damage to the jigsaw.

Any attempt to repair or replace electrical parts on this jigsaw may create a safety hazard unless repairs are performed by a qualified technician. For more information, call the Toll-free Helpline, at 1-866-349-8665.

Always order by PART NUMBER, not by key number.

Key #	Part #	Part Name	Quantity
1	3011100061	Right enclosure	1
2	4030010124	Tapping screw 3.9 X 39	2
3	4030010106	Tapping screw 3.9 X 19	10
4	1150020001	Foot plate	1
5	2040140041	Quick release wrench	1
6	2030030008	Fixing plate	1
7	4110030001	Pin	1
8	2010130017	Eccentric wheel	1
9	1170020003	Roller support	1
10	2050050001	Torsion-spring	1
11	6060010006	Blade	1
12	1150010003	Quick release plunger assembly	1
13	2010150002	Front bearing	1
14	2010210008	Roller	1
15	1170060014	Big Gear	1
16	4100020004	Fixing ring	1
17	2030020011	Washer	1
18	4010020012	Needle roller bearing	1
19	2010130012	Balance Block	1
20	2030030039	Pendulum bar	1
21	1170050003	Bearing holder	1
22	4010010039	Bearing 629	1
23	3150060002	Brush holder	2
24	2030070004	Brush holder support	2
25	1230010001	Carbon brush	2

PARTS LIST

Key #	Part #	Part Name	Quantity
26	1010100057	Rotor	1
27	4010010034	Bearing 607	1
28	1020100055	Stator	1
29	3140010077	Cord sleeve	1
30	1190010040	Cord & plug	1
31	3011100061	Left enclosure	1
32	2030030219	Connecting plate	1
33	4060020013	Nut	1
34	4100050002	Fixing ring	1
35	2030020012	Washer	1
36	2050080157	Finger guard	1
37	2010150003	Back bearing	1
38	2050060001	Spring	1
39	2030130036	Laser holder	1
40	3160060008	Cover	1
41	3110020041	Screw M3 X 5	1
42	4030010034	Tapping screw 2.9 X 16	2
43	1220030007	Laser head	1
44	1220030007	LED	1
45	1130030032	PCB for laser	1
46	3120010051	Laser head button	1
47	1180050048	Pendulum switch knob	1
48	4080060001	Metal ball	1
49	2050060080	Spring	1
50	1130010173	PCB	1
51	1061090050	Switch	1
52	1250010002	Terminal block	2

PERFORMAX® 6 AMP JIGSAW WARRANTY

30-DAY MONEY BACK GUARANTEE:

This PERFORMAX® brand power tool carries our 30-Day Money Back Guarantee. If you are not completely satisfied with your PERFORMAX® brand power tool for any reason within thirty (30) days from the date of purchase, return the tool with your original receipt to any MENARDS® retail store, and we will provide you a refund – no questions asked.

2-YEAR LIMITED WARRANTY:

This PERFORMAX® brand power tool carries a 2-Year Limited Warranty to the original purchaser. If, during normal use, this PERFORMAX® power tool breaks or fails due to a defect in material or workmanship within two (2) years from the date of original purchase, simply bring this tool with the original sales receipt back to your nearest MENARDS® retail store. At its discretion, PERFORMAX® agrees to have the tool or any defective part(s) repaired or replaced with the same or similar PERFORMAX® product or part free of charge, within the stated warranty period, when returned by the original purchaser with original sales receipt. Not withstanding the foregoing, this limited warranty does not cover any damage that has resulted from abuse or misuse of the Merchandise. This warranty: (1) excludes expendable parts including but not limited to blades, brushes, belts, bits, light bulbs, and/or batteries; (2) shall be void if this tool is used for commercial and/or rental purposes; and (3) does not cover any losses, injuries to persons/property or costs. This warranty does give you specific legal rights and you may have other rights, which vary from state to state. Be careful, tools are dangerous if improperly used or maintained. Seller's employees are not qualified to advise you on the use of this Merchandise. Any oral representation(s) made will not be binding on seller or its employees. The rights under this limited warranty are to the original purchaser of the Merchandise and may not be transferred to any subsequent owner. This limited warranty is in lieu of all warranties, expressed or implied including warranties or merchantability and fitness for a particular purpose. Seller shall not be liable for any special, incidental, or consequential damages. The sole exclusive remedy against the seller will be for the replacement of any defects as provided herein, as long as the seller is willing or able to replace this product or is willing to refund the purchase price as provided above. For insurance purposes, seller is not allowed to demonstrate any of these power tools for you.

For questions / comments, technical assistance or repair parts –
Please Call Toll Free at: 1-866-349-8665 (M-F 8am – 6pm)

SAVE YOUR RECEIPTS. THIS WARRANTY IS VOID WITHOUT THEM.

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