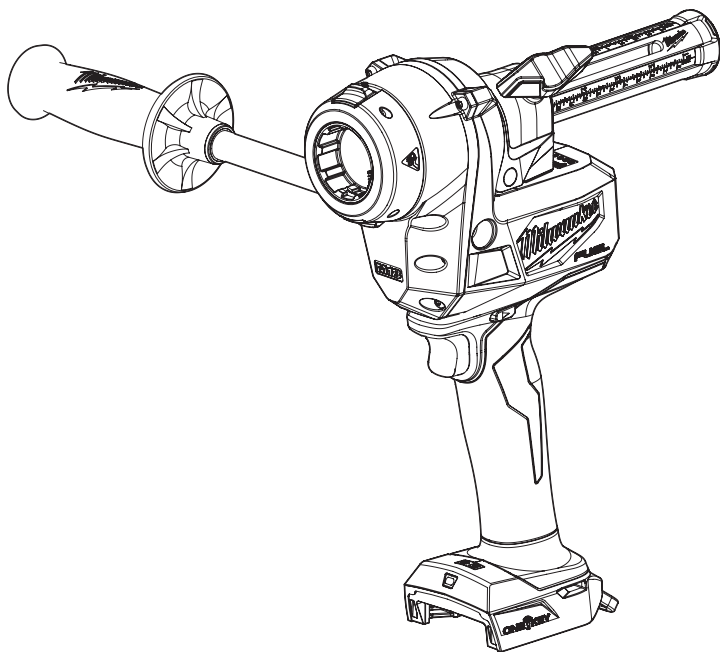




OPERATOR'S MANUAL



Cat. No.
M18 FCST

M18 FUEL™ CABLE STRIPPER TOOL

WARNING

 To reduce the risk of injury, user must read and understand operator's manual.

GENERAL POWER TOOL SAFETY WARNINGS

⚠WARNING Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. **Save all warnings and instructions for future reference.** The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

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 RCD 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 a 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 energising 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 jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery 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.
- **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

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 remove the battery pack, if detachable, 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 and accessories. 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.
 - **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.
- ### BATTERY TOOL USE AND CARE
- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
 - **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.

- **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
- **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130°C (265°F) may cause explosion.
- **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

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.
- **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorised service providers.

SPECIFIC SAFETY RULES FOR CABLE STRIPPERS

⚠ WARNING To reduce the risk of explosion, electric shock and property damage, do not use on live electrical lines. Tool is NOT insulated. Contact with a live circuit could result in severe injury or death. Turn off power before stripping a cable. Never use on gas or water lines.



- **Use the side handle(s).** Loss of control can cause personal injury.
- **To reduce the risk of personal injury, always hold or brace tool securely.**
- **To reduce the risk of injury, wear safety goggles or glasses with side shields when operating or servicing the tool.**
- **Do not wear loose clothing when operating tool.** Keep sleeves and jackets buttoned. Do not reach across the tool or cable. Clothing can be caught by the tool resulting in entanglement.
- **Use clamps or another practical way to secure and support the cable to a stable platform.** Holding the cable by hand or against your body leaves it unstable and may lead to loss of control. Be cautious of remnants that will be ejected from tool.
- **Cable has sharp edges.** Always wear gloves when handling any type of cable.

- **Inspect tool and bushing before use.** A proper connection and strip can only be achieved when tool is clean of debris or remnants from prior use.
- **The recommended bushings for the various cable types is based on the cable manufacturer's published cable dimensions.** Cable dimensions do vary. If the cable does not strip properly, use a smaller or larger bushing. It is the user's responsibility to ensure the cable has been stripped properly.
- **If using with a lanyard, do not exceed maximum capacity marked on the lanyard label.** Always determine the weight of the product, with all accessories, when selecting the appropriate lanyard system. Exceeding maximum capacity may result in serious injury. See specifications for tool and battery weight.
- **Use only with energy absorbing lanyards.** Ropes, straps or chains may break and cause failure. Do not use with lanyards at full tension.
- **Chemical Burn Hazard.** Keep coin cell battery away from children.
- **Always use common sense and be cautious when using tools.** It is not possible to anticipate every situation that could result in a dangerous outcome. Do not use this tool if you do not understand these operating instructions or you feel the work is beyond your capability; contact MILWAUKEE® Tool or a trained professional for additional information or training.
- **Maintain labels and nameplates.** These carry important information. If unreadable or missing, contact a MILWAUKEE® service facility for a replacement.

⚠ WARNING 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 paint
 - 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.

READ AND SAVE ALL INSTRUCTIONS FOR FUTURE USE

ADDITIONAL BATTERY SAFETY RULES

⚠ WARNING To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse your tool, battery pack or charger in fluid or allow a fluid to flow inside them. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach-containing products, etc., can cause a short circuit.

⚠ WARNING Do not charge non-rechargeable batteries.

SPECIFICATIONS

Cat. No.	M18 FCST
Volts	18 V DC
Battery Type	M18™
Charger Type	M18™
RPM	0-120
Depth gauge plunger tube	25 mm - 150 mm (1" - 6")
Capacity	12 mm - 54 mm (0.5" - 2.1") Covered Conductor
Weight (Tool-Only)	2.4 kg
Weight (With M18™ HD 12.0 battery pack) ...	4.1 kg
Lanyard	MILWAUKEE® Energy Absorbing Recommended Ambient
Operating Temperature	-17°C to 51°C
Replacement Blade	Cat. No. 49162937

SYMBOLGY

V Volts

--- Direct Current

n_0 XXXX min⁻¹ No Load Revolutions per Minute (RPM)



Read Operator's Manual



Keep hands away from moving parts



AWARNING Blades are sharp. Keep hands away from cutting edges and moving parts. Laceration and amputation can occur.



Wear safety glasses.



Tool has AUTOSTOP™ technology



ONE-KEY™

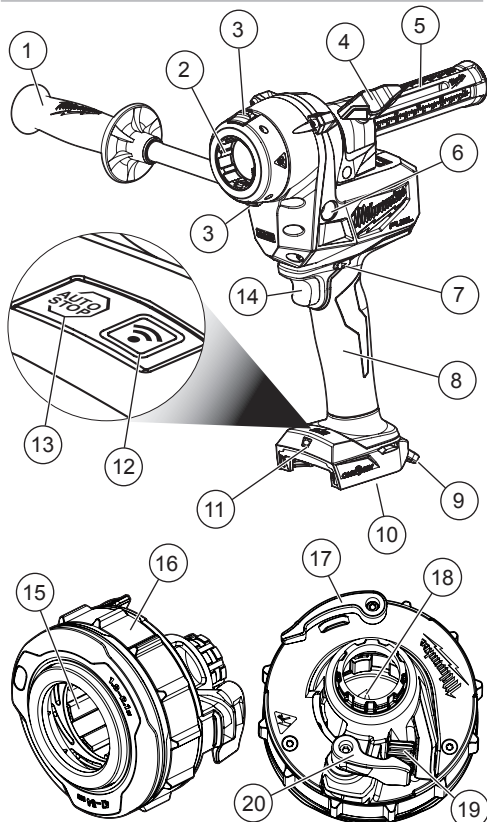


Regulatory Compliance Mark (RCM). This product meets applicable regulatory requirements.



Do not dispose of electric tools together with household waste material. Electric tools and electronic equipment that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

FUNCTIONAL DESCRIPTION



- | | |
|-----------------------------|----------------------------------|
| 1. Side handle | 11. Worklight LED |
| 2. Bushing retaining ring | 12. ONE-KEY™ indicator LED |
| 3. Bushing latch | 13. AUTOSTOP™ indicator LED |
| 4. Depth gauge locking knob | 14. Trigger |
| 5. Depth gauge plunger tube | 15. Bushing jaws |
| 6. Side handle location | 16. Jaw adjustment ring |
| 7. Control switch | 17. Diameter locking lever |
| 8. Handle | 18. Blade |
| 9. Hang hook | 19. Blade position scroll wheel |
| 10. Coin cell battery door | 20. Blade position locking lever |

ASSEMBLY

⚠ WARNING Always lock the trigger or remove the battery pack any time the tool is not in use.

Inserting/Removing the Battery

To insert the battery, slide the pack into the body of the tool. Make sure it latches securely into place.

⚠ WARNING Recharge only with the charger specified for the battery. For specific charging instructions, read the operator's manual supplied with the charger and battery.

Only use accessories specifically recommended for this tool. Others may be hazardous.

To remove the battery, push in the release buttons and pull the battery pack away from the tool.

Installing the Side Handle

⚠ WARNING To reduce the risk of injury, always use the side handle. Always brace or hold securely. Ensure side handle is tightened securely before each use. Always be prepared for cable binding and cable stripper reaction.

To install the side handle into a side handle location:

1. **⚠ WARNING** Remove battery to avoid starting the tool.
2. Select the desired side handle location and thread-in the side handle.
3. Hand tighten the side handle securely.

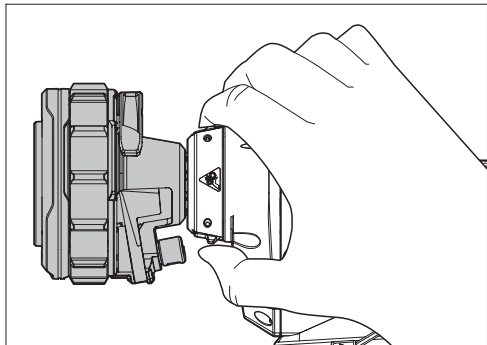
Installing/Removing Bushings

1. **⚠ WARNING** Remove battery to avoid starting the tool.

2. Choose the appropriate bushing for the job.

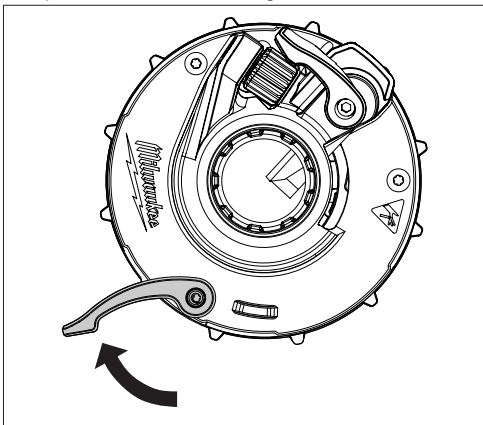
⚠ WARNING For specific bushing information, read the manual supplied by the bushing manufacturer.

3. To install a bushing, press in the bushing latches.
4. Insert bushing into the bushing retaining ring.
5. Release the bushing latches.
6. Check to see that the bushing is secure by tugging on it.
7. To remove, press in the bushing latches and pull the bushing away from the tool.

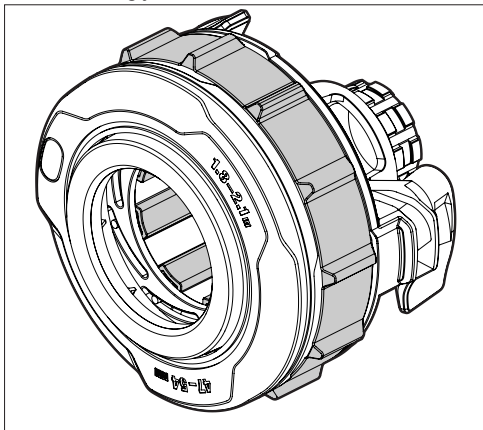


Adjusting the Bushing Diameter

1. **⚠ WARNING** Remove bushing from tool before adjusting to avoid starting the tool.
2. Open the diameter locking lever.



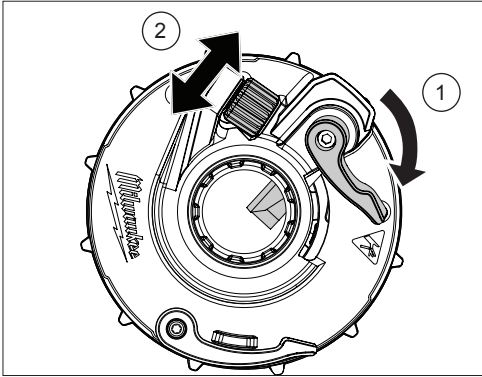
3. Rotate the bushing ring to decrease or increase the bushing jaws diameter.



4. Adjust the bushing jaws to hold the cable in place while allowing the bushing to spin freely around the jacket/insulation without binding.
NOTE: For EPR jackets, apply connector manufacturer-approved grease to minimise friction during operation.
5. Close the diameter lock lever.

Adjusting the Blade Position

1. **AWARNING** Remove bushing from tool before adjusting to avoid starting the tool.
2. Open the blade position locking lever.
3. Rotate the blade position scroll wheel to adjust the blade position (inward or outward).

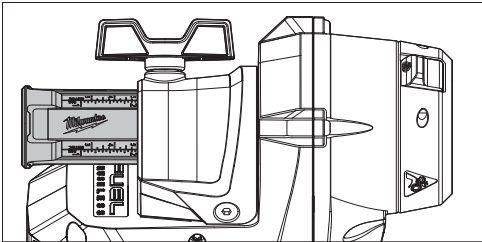


4. Adjust the blade so its edge sits approximately 1.6 mm below the highest conductor strand.
5. To verify alignment, rotate the bushing anticlockwise and observe consistent spacing.
6. Close the blade position locking lever.

Adjusting the Depth Gauge

Use the depth gauge plunger tube to precisely strip lengths from 25 mm to 150 mm. The strip will square off as the conductor contacts the depth gauge.

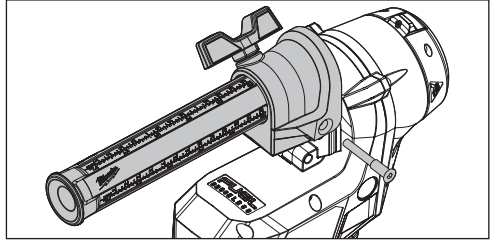
1. **AWARNING** Remove battery to avoid starting the tool.
2. Loosen depth gauge locking knob.
3. Slide the depth gauge plunger tube in or out to the desired stripping length.
4. Tighten the depth gauge locking knob.



Installing/Removing the Depth Gauge

Remove the depth gauge to strip lengths greater than 150 mm. With the depth gauge removed, strip to any desired length.

1. **AWARNING** Remove battery to avoid starting the tool.
2. To remove the depth gauge, move the depth gauge plunger tube to 150 mm.
3. Remove the screw from the depth gauge frame and pull away from the tool.
4. To install, reverse the procedure. Press firmly down on the frame to line up the assembly screw when reinstalling.



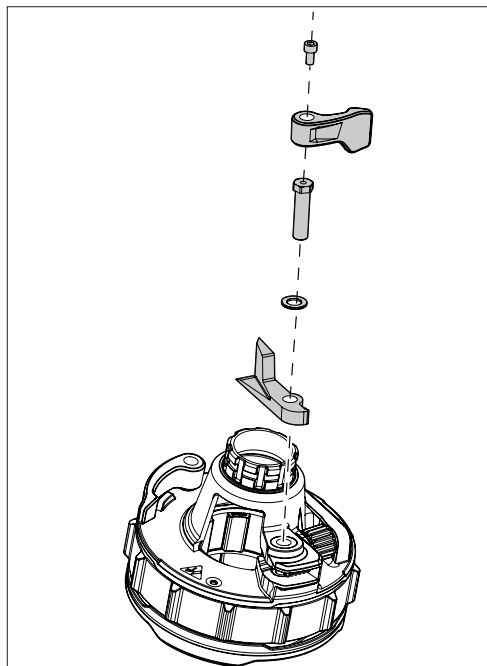
Blade Replacement

AWARNING Blade is sharp. Keep hands away from cutting edges and moving parts. Avoid cutting short pieces of material that put hands near blades. Lacerations can occur. Replace the blade when it becomes dull, rounded, chipped, damaged or when it no longer strips the cable jacket. See Specifications for replacement blade.

1. **AWARNING** Remove battery to avoid starting the tool.
2. Remove the bushing from the tool.
3. Place the bushing on a level surface.
4. Use the blade position scroll wheel to move the blade to its centre position.
5. Using the 9/64" hex wrench, remove the blade position locking lever and screw. Save the blade screw.
6. Using the backside of the blade position locking lever, remove the 10 mm bolt and washer by turning anticlockwise.
7. Carefully remove old blade, keeping fingers away from the cutting edge, and discard of properly.

8. To install, reverse the procedure.

NOTE: Before tightening the 9/64" screw, check the blade position locking lever is in an orientation where it can lock the blade.



ONE-KEY™

To learn more about the ONE-KEY™ functionality for this tool, go to:

[www.milwaukeetool.com.au/innovation/one-key/](http://www.milwaukee tool.com.au/innovation/one-key/)

www.milwaukeetool.co.nz/innovation/one-key/

To download the ONE-KEY™ app, visit the App Store® or Google Play™ from a smart device.

ONE-KEY™ Indicator

Solid Blue	Wireless mode is active and ready to be configured via the ONE-KEY™ app.
Blinking Blue	Tool is actively communicating with the ONE-KEY™ app.
Blinking Red	Tool is in security lockout and can be unlocked by the owner via the ONE-KEY™ app.

OPERATION

WARNING To reduce the risk of injury, always wear proper eye protection marked to comply with AS/NZS 1337.1.

Using the Control Switch

The control switch may be set to three positions: forward, reverse and lock. Due to a lockout mechanism, the control switch can only be adjusted when the ON/OFF trigger switch is not pressed. Always allow the motor to come to a complete stop before using the control switch.

For **forward** (clockwise) rotation, push in the control switch ► from the right side of the tool. **Check the direction of rotation before use.**

For **reverse** (anticlockwise) rotation, push in the control switch ◄ from the left side of the tool. **Check direction of rotation before use.**

To **lock** the trigger, push the control switch to the centre position. The trigger will not work while the control switch is in the centre locked position. Always lock the trigger or remove the battery pack before performing maintenance, changing accessories, storing the tool and any time the tool is not in use.

Starting, Stopping and Controlling Speed

These tools may be operated at any speed from 0 to full speed.

1. To **start** the tool, grasp the handle(s) firmly and pull the trigger.

NOTE: An LED is turned on when the trigger is pulled and will go off shortly after the trigger is released.

2. To **vary** the speed, increase or decrease the pressure on the trigger. The further the trigger is pulled, the greater the speed.

3. To **stop** the tool, release the trigger. Ensure the tool has come to a complete stop before laying the tool down.

AUTOSTOP™

AUTOSTOP™ detects a bind-up event during use and quickly reacts to shut down the tool, minimising tool movement. If AUTOSTOP™ shuts down the tool, the indicator will light. Periodically test the AUTOSTOP™ function (see Maintenance).

Stripping a Cable

⚠ WARNING To reduce the risk of explosion, electric shock and property damage, do not use on live electrical lines. Tool is NOT insulated. Contact with a live circuit could result in severe injury or death. Turn off power before stripping cable.



Ensure cable is straight and remove any debris or jacket remnants from the bushing before beginning.

NOTE: When working overhead, always be sure that workpiece is secure, and cable ends and remnants will not be a hazard below.

1. Secure the workpiece and select a bushing sized for the application.
2. Ensure the blade is positioned inside the bushing so the cable cannot pass through.
3. Insert the cable into the bushing and align the end against the blade inside the bushing. Do not force the cable into or past the blade.
4. Adjust the bushing jaw diameter as needed to hold the cable in place inside the bushing.
5. Adjust the blade position so the blade is within 1.6 mm of the conductor strands.
6. Set the depth gauge to the desired strip length.
7. Insert the battery pack.
8. Set the control switch to forward.
9. While holding the side handle with one hand, slowly pull the trigger to rotate the bushing.
10. The cable will be pulled into the bushing.
11. When the stripped cable reaches the depth stop, the blade will automatically sever the jacket evenly after two rotations.
12. Release the trigger and allow tool to come to a complete stop.

NOTICE If the cable is pulled out of the tool while it is still running, it could damage the cable.

13. Remove the cable and any jacket shavings from the bushing.
14. If the cable gets stuck, move the control switch to "reverse" and slowly back the cable out of the tool.
15. If a strip longer than 150 mm (6 ") is desired, remove the depth gauge.

When using the tool without the depth gauge:

1. Mark the cable where the strip should stop (e.g. with tape).

NOTE: The distance from the front plate of the bushing to the edge of the blade is approximately 54 mm (2-1/8"). Add this distance into the measurement when calculating the final strip length.

2. While holding the side handle, slowly pull trigger to advance cable into the tool.
3. When the cable mark reaches the front of the tool, release the trigger.
4. Remove your hand from the side handle and hold the cable in place to prevent the cable from advancing into the tool.

⚠ WARNING Use extreme caution when holding your hand next to the bushing to avoid injury. Do not wear gloves prone to snagging while pushing on or near moving parts; this increases the risk of entanglement and injury.

5. Slowly pull the trigger to rotate the bushing two rotations to sever the jacket evenly.

MAINTENANCE

⚠ WARNING To reduce the risk of injury, always unplug the charger and remove the battery pack from the charger or tool before performing any maintenance. Never disassemble the tool, battery pack or charger. Contact a **MILWAUKEE**® service facility for ALL repairs.

Maintaining Tool

Keep your tool, battery pack and charger in good repair by adopting a regular maintenance program. Inspect your tool for issues such as undue noise, misalignment or binding of moving parts, breakage of parts, or any other condition that may affect the tool operation. Return the tool, battery pack, and charger to a **MILWAUKEE**® service facility for repairs.

If the tool does not start or operate at full power with a fully charged battery pack, clean the contacts on the battery pack. If the tool still does not work properly, return the tool, charger and battery pack, to a **MILWAUKEE**® service facility for repairs.

Testing AUTOSTOP™

1. Remove accessories from the tool.
2. Stand away from objects and people.
3. Firmly grasp the tool's handles.
4. Hold tool away from the body.
5. Start the tool.
6. Quickly rotate the tool about 90° in any direction.
7. If AUTOSTOP™ is working, the tool will shut off and the AUTOSTOP™ indicator LED will flash.
8. If AUTOSTOP™ is not working, the tool will continue to run. Repeat the test. If the tool will not automatically shut off, return the tool to the nearest authorised service centre.

Internal Coin Cell Battery

⚠ WARNING Chemical Burn Hazard. This device contains a lithium button/coin cell battery. A new or used battery can cause severe internal burns and lead to death in as little as 2 hours if swallowed or enters the body. Always secure the battery cover. If it does not close securely, stop using the device, remove the batteries, and keep it away from children. If you think batteries may have been swallowed or entered the body, seek immediate medical attention.



An internal coin cell battery is used to facilitate full ONE-KEY™ functionality.

To replace the coin cell battery:

1. **⚠ WARNING** Remove battery to avoid starting the tool.
2. Loosen the screw(s) and open the coin cell battery door.
3. Remove the old coin cell battery, keep it away from children, and dispose of it properly.
4. Insert the new coin cell battery (3V CR2032), with the positive side facing up.
5. Close the battery door and tighten the screw(s) securely.

⚠ WARNING To reduce the risk of personal injury and damage, never immerse the tool, battery pack or charger in liquid or allow a liquid to flow inside them.

Cleaning

Clean dust and debris from vents. Keep handles clean, dry and free of oil or grease. Use only mild soap and a damp cloth to clean, since certain cleaning agents and solvents are harmful to plastics and other insulated parts. Some of these include petrol, turpentine, lacquer thinner, paint thinner, chlorinated cleaning solvents, ammonia and household detergents containing ammonia. Never use flammable or combustible solvents around tools.

Repairs

For repairs, return the tool, battery pack and charger to the nearest authorised service centre.

ACCESSORIES

⚠WARNING Use only recommended accessories. Others may be

hazardous.

For a complete listing of accessories, go online to milwaukeeetool.com.au / milwaukeeetool.co.nz or contact an authorised distributor.

WARRANTY - AUSTRALIA and NEW ZEALAND

Please refer to Australian and New Zealand warranty supplied with tool. This warranty applies only to product sold by authorised dealers in Australia and New Zealand.

SERVICE - AUSTRALIA and NEW ZEALAND

MILWAUKEE® prides itself in producing a premium quality product that is Nothing But Heavy Duty™. Your satisfaction with our products is very important to us! If you encounter any problems with the operation of this tool, please contact your authorised **MILWAUKEE®** dealer.

For a list of **MILWAUKEE®** dealers, guarantee or service agents please contact **MILWAUKEE®** Customer Service or visit our website.

(Australia Toll Free Telephone Number 1300 645 928)

(New Zealand Toll Free Telephone Number 0800 645 928)

or visit milwaukeeetool.com.au/milwaukeeetool.co.nz.

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