



**HEALTH
& SAFETY**



TOOL SAFETY TRAINING

Power Tools

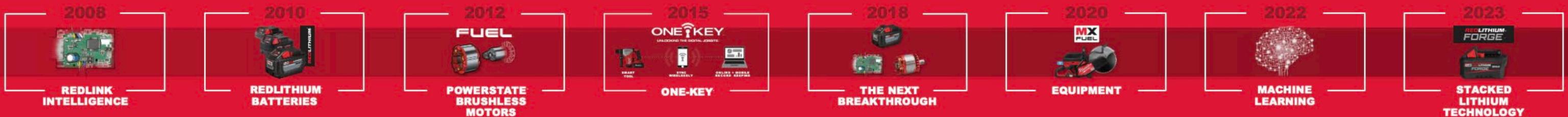
**RELENTLESS SAFETY SOLUTIONS,
BUILT FOR PRODUCTIVITY**



WE'RE JUST GETTING STARTED

For 100 years, Milwaukee Tool has led the industry by developing trade-specific solutions for increased productivity, safety, and unmatched durability. Our People and Culture form the foundation of our legacy, a legacy defined by disruptive innovation. While our rich history has shaped us into what we are today, our focus is on the future. Our dedication is to our users, customers, and teams, and our vision extends beyond the next century. Propelled by an obsession for innovation and a focus on the pro, we are determined to approach every challenge as an opportunity, and every opportunity as a chance to positively shape the future of the trades for generations to come.

WE ARE JUST GETTING STARTED.





THE MILWAUKEE STORY

ESTABLISHED



1924



1930

Hole-Shooter



1940

Sander/Grinder



1949

RAD



1951

Sawzall® Recip Saw



1970

Hole Hawg®



1979

Small Angle Grinder



1982

Portable Band Saw



1991

Super Sawzall® Recip Saw

INDUSTRIAL

CONSTRUCTION

DISRUPTIVE INNOVATION

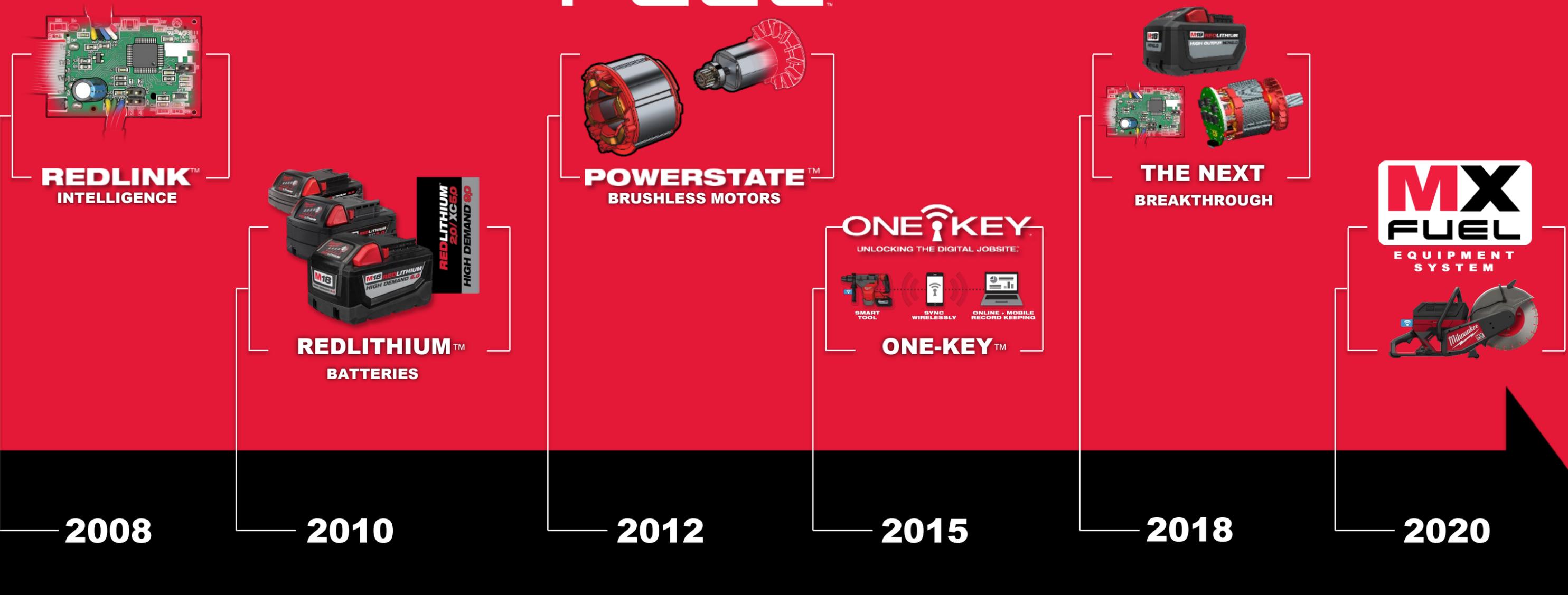


Nothing but **HEAVY DUTY**®



WORLD LEADER IN CORDLESS TECHNOLOGY & INNOVATION

FUEL™



2008

2010

2012

2015

2018

2020



DISRUPTIVE INNOVATION

Focused Solutions for Core Trades



M18

PERFORMANCE DRIVEN
TRADE FOCUSED
SYSTEM WIDE
200+ TOOLS



M12

PORTABLE PRODUCTIVITY
TRADE FOCUSED
SYSTEM WIDE
100+ TOOLS



**MX
FUEL**
EQUIPMENT
SYSTEM



OUTDOOR



SITE LIGHTING



AUTOMOTIVE

Milwaukee
AUTOMOTIVE



PRESS TOOLS



DRAIN CLEANING



LASERS



SAFETY & PPE



HAND TOOLS



PACKOUT



ACCESSORIES



MASONRY & CONCRETE



LAYOUT

1000's OF SOLUTIONS | 60+ CATEGORIES



HEALTH & SAFETY

DUST MANAGEMENT

SILICOSIS

DUST COMPLIANCE
MADE SIMPLE



+



VIBRATION / NOISE

VIWF / EARDRUM
DAMAGE

AVS
SURGE™



+



ERGONOMICS

MSDs

ERGONOMICS



+



SAFETY TECHNOLOGY

ACUTE
INJURIES

AUTO STOP RAPID STOP



+



VISIBILITY

TRIPS

SITE
LIGHTING



+



EMISSIONS

INHALATION

MX FUEL™ M18 M12



+



PERSONAL SAFETY

ACUTE
INJURIES

STAY SAFE.
STAY PRODUCTIVE.





VIRGINIA TECH™ CONSTRUCTION HELMET RATINGS

In collaboration with and funded by the John R Gentile Foundation, ELECTRI International, the American Society of Concrete Contractors, and The Association of Union Constructors, we have evaluated 21 construction helmets using the STAR testing system.

This system assesses each helmet's ability to reduce linear and rotational head acceleration during a range of oblique fall scenarios representative of severe but survivable construction site accidents.

Helmets earning more stars are associated with lower concussion and skull fracture risk in these scenarios. We recommend 4- and 5-star rated helmets for workers exposed to fall hazards.

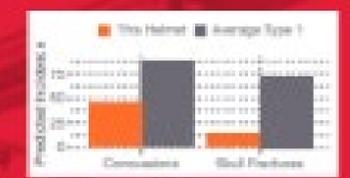
1.



★★★★★ Milwaukee Tool™ BOLT™ with IMPACT ARMOR™

The Milwaukee Tool BOLT with IMPACT ARMOR earned a 5-star rating. Its STAR value of 59.21 ranked #1 of 21 helmets tested.

Type: 2
Class: E
Brim: None
Front
Vents: No
Mass: 591 g



ANSI/ISEA 106-1-2014 Type I, Type B, Class E, 119864390
Meets energy absorption capacity classes 4.2.1.2 (front), 4.2.1.3 (side), 4.2.1.4 (top), 4.2.3 (Retention System: Straps), 4.2.4 (Retention System effectiveness:Mid aft) of ANSI/ISO 2812

2.



★★★★★ Milwaukee Tool™ BOLT™

The Milwaukee Tool BOLT earned a 5-star rating. Its STAR value of 66.60 ranked #2 of 21 helmets tested.

Type: 2
Class: E
Brim: None
Front
Vents: No
Mass: 548 g



ANSI/ISEA 106-1-2014 Type I, Type B, Class E, 119864390
Meets energy absorption capacity classes 4.2.1.2 (front), 4.2.1.3 (side), 4.2.1.4 (top), 4.2.3 (Retention System: Straps), 4.2.4 (Retention System effectiveness:Mid aft) of ANSI/ISO 2812



BUMP CAPS

SNAPBACK BUMP CAP: ONE SLIDER

Pre-Order Date: **2/20/2025**

Show Online: **2/24/2025**

Launch Ship Date: **5/1/2025**



- **Larger Liner For More Side Protection**
 - Best-in-Class Protection From Side Impacts & Bumps
- **Product Complies With The Mechanical And Testing Requirements Of ANSI/ISEA 100-2024 Level 2**
- **Comfortable Foam Provides Top Protection**
- **Breathable And Lightweight**
- **Stylish Baseball Cap Design**
- **Integrated Pen Loop**
- **Shell Can Be Worn Reverse Drowned**
- **Hook & Loop Front Patch For Easy Patch Customization**



ITEM #	DESCRIPTION
48-73-1063	SNAPBACK BUMP CAP

Pre-Order Date: **2/20/2025**

Show Online: **2/24/2025**

Launch Ship Date: **3/22/2025**

BEST PROTECTION, FOAM LINER



BREATHABLE, FITTED SHELL



PUNCTURE & ABRASION PROTECTION



- **Foam Liner For Best Protection**
 - Best-in-Class Protection From Impacts & “Bumps”
- **Breathable Ventilation Holes**
- **Fitted Shell**
 - Shaped To Fit Users Head Better
- **Protection From Punctures And Abrasions**
- **Shell Can Be Worn Reverse Dawned**
- **Fits Most Hats**



ITEM #	DESCRIPTION
48-73-1062	UNIVERSAL BUMP CAP INSERT



CUTTING PLIERS & SCREWDRIVERS

\$70M INVESTMENT IN STATE-OF-THE-ART MANUFACTURING FACILITY IN WEST BEND, WI TO DELIVER USER DRIVEN INNOVATION



West Bend, Wisconsin



**LIFETIME
GUARANTEE**



BEST-IN-CLASS MANUFACTURING = BEST-IN-CLASS PERFORMANCE



HEALTH & SAFETY

Tool Information Resources

Before starting any work, it is imperative that you read and understand the:

- Warnings and Instructions
- Tool's operator's manual
- Markings on the tool
- Instructions packaged with the accessory



Note: Manuals can be found at:

www.milwaukeetool.com/Support/Manuals-and-Downloads



HEALTH & SAFETY

Training videos can be accessed by scanning the QR code with your phone or clicking the tool link

[Impact Driver](#)



[Drill Driver](#)



[Rotary Hammer Drill](#)



[Grinder](#)



[Sawzall](#)





HEALTH & SAFETY



Personal Safety

- ✓ Stay alert
- ✓ Use personal protective equipment
- ✓ Ensure switch is off before connecting to power
- ✓ Removing adjusting keys before powering on
- ✓ No loose clothing, jewelry, or hair
- ✓ Use dust collection devices
- ✓ Don't overreach; keep proper balance



Workplace Safety

- ✓ Keep workplace clean and well lit
- ✓ Take proper precautions Keep children and bystanders away
- ✓ Wear appropriate PPE



Electrical Safety

- ✓ Hold tools by insulated grasping surface
- ✓ Take precautions around wet environment





HEALTH & SAFETY



Power Tool Use & Care

- ✓ Don't force the tool; use the correct tool for application
- ✓ Disconnect power before making adjustments
- ✓ Maintain tools and check for damage
- ✓ Keep cutting tools sharp & clean
- ✓ Use as intended and take working conditions/work needed into account
- ✓ Keep handles/gripping surfaces dry and clean from oil and grease



COVID-19
Tool Cleaning Guidelines



Battery Tool Use & Care

- ✓ Recharge with manufacturer charger only
- ✓ Use only with designated battery pack
- ✓ Keep battery packs away from metal objects
- ✓ Avoid contact with liquid in batteries
- ✓ Don't use battery packs/tools that are damaged or modified
- ✓ Don't expose battery packs/tools to extreme temperatures



Service

- ✓ Have tools serviced by a professional using identical replacement parts
- ✓ Never service damaged battery packs





Power Tool Warranty

How to Verify Warranty



Catalog #: 2363-20

Serial #: G25AB231201434R
Manufacture date: 12th week of 2023





HEALTH & SAFETY



Power Tool Safety

Before starting any work, it is important that you understand:

- The functions of the tool
- How to safely prepare the tool for use
- How to operate the tool safely
- What PPE is appropriate



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Hammer Drill/Driver



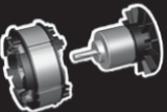


M12 SUBCOMPACT BRUSHLESS



SUBCOMPACT BRUSHLESS

SMALLEST SIZE. LIGHTEST WEIGHT.

			
SHORTER		LIGHTER	BRUSHLESS MOTOR

**SMALLEST
SIZE**

**LIGHTEST
WEIGHT**

**POWER
TO COMPLETE
THE MOST COMMON TASKS**

**BUILT FOR THE
PROFESSIONAL**

INDUSTRY-LEADING SUBCOMPACT TOOLS FOR TARGET USERS / APPLICATIONS



M18 FUEL™

New M18 FUEL™ Delivers Unrivaled Productivity and Enhances End-User Safety to Sustain Milwaukee's Leadership Position in High-Performance Drilling & Driving

2015



2022



MOST POWERFUL

MOST COMPACT

AUTOSTOP™
CONTROL MODE,
ENHANCED SAFETY

2013



2018





HEALTH & SAFETY



Tool Walk-Around

Side Handle



Insulated handle for increased control, especially during bind-up.

LED Light



Illuminates work surface for increased accuracy and productivity





HEALTH & SAFETY



Safe Tool Preparation

Always remove power source before installing accessories

Follow instructions in Owner's Manual for tightening chucks

Select the proper style and size bit for the job



Installing Bits

Always remove the battery before inserting or removing bits. Select the proper style and size bit for the job. This tool is equipped with a spindle lock. The chuck can be tightened with one hand, creating higher grip strengths on the bit.

1. To open the chuck jaws, turn the sleeve in the counterclockwise direction.
When using drill bits, allow the bit to strike the bottom of the chuck. Center the bit in the chuck jaws and lift it about 1/16" off of the bottom.
When using screwdriver bits, insert the bit far enough for the chuck jaws to grip the hex of the bit.
2. To close the chuck jaws, turn the sleeve in the clockwise direction. The bit is secure when the chuck makes a ratcheting sound and the sleeve can not be rotated any further.
3. To remove the bit, turn the sleeve in the counterclockwise direction.

NOTE: A ratcheting sound may be heard when the chuck is opened or closed. This noise is part of the locking feature, and does not indicate a problem with the chuck's operation.





HEALTH & SAFETY



Safe Tool Operation

Maintain proper balance;
never overreach

If tool has a side handle, it
must always be used to
maintain control

Control the speed of the tool
– match speed and clutch
settings to the job



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& SAFETY



Impact Driver





M18 FUEL™

New M18 FUEL™ Delivers Unrivaled Productivity and Control to Sustain Milwaukee's Leadership Position in High-Performance Drilling & Driving

2015



2022



MOST POWERFUL

FASTEST DRIVING SPEED

ULTIMATE TRIGGER CONTROL



2013



2018



HEALTH & SAFETY



Tool Walk-Around

Single-Hand Bit Insertion

Faster, easier bit insertion

LED Worklight

Illuminates work surface for more accuracy



Mechanical Design

Hammer and anvil design generates significant torque without extra weight, size or torque reaction back to the user



HEALTH & SAFETY



Safe Tool Preparation

Make sure accessories are impact-rated

Remove power source prior to installing bits

Charge batteries with manufacturer's charger





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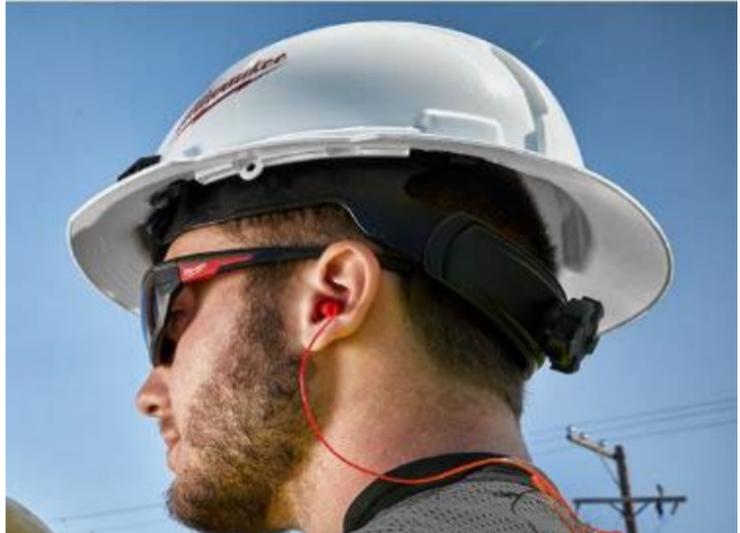


Safe Tool Operation

Maintain proper balance;
never overreach

Avoid over-tightening to
prevent damaging fasteners
or workpieces

Always wear hearing
protection



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Grinder





HEALTH & SAFETY



Tool Walk-Around

Side Handle

Insulated handle for increased control, especially during bind-up



Braking Grinder

For models where included, quickly stops wheel from spinning

Ergonomically Located Switches

Tool stops when pressure is let up

Guard

Protects user from accessory failure and contact from spinning wheel



HEALTH & SAFETY



Safe Tool Preparation

Always remove power source before installing accessories



Check surroundings for flammables



Inspect wheels and blades for cracks/damage prior to use



Make sure accessory RPM is appropriate for the tool

Match guard to wheel used





HEALTH & SAFETY



Safe Tool Preparation (cont.)

Select the appropriate guard

Tie hair back, secure loose clothing

Secure material before grinding or cutting



Type 27 - grinding



Type 1 - cutting



Cup Wheel - surfacing





HEALTH & SAFETY

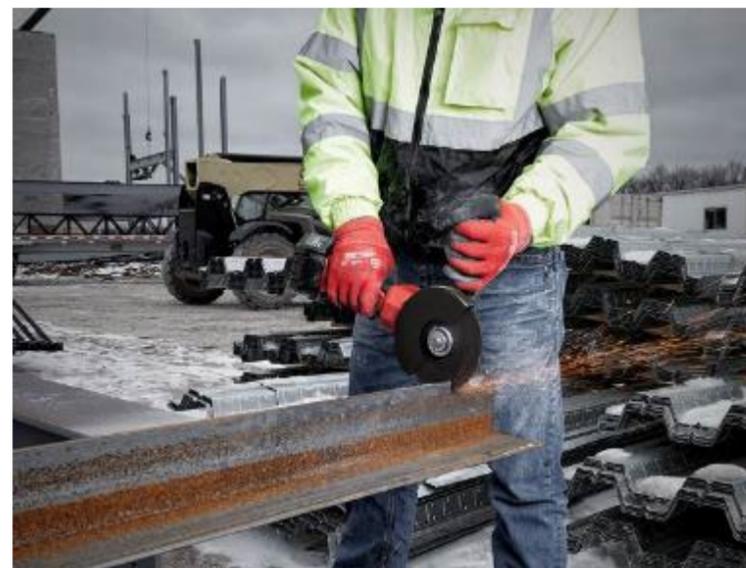


Safe Tool Operation

When using bonded abrasive, use a face shield

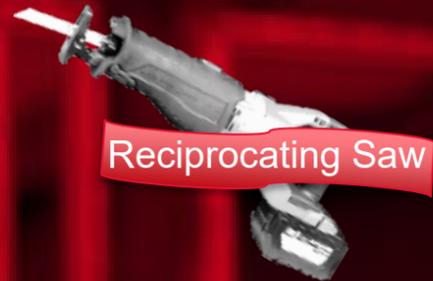
Position grinder in appropriate orientation

Make sure wheel has come to complete stop before setting down



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& SAFETY



Sawzall® Reciprocating Saw





HEALTH & SAFETY



Tool Walk-Around

Vibration-Dampening Gearing

Minimizes vibration for less impact on user



Trigger Lock

Prevents unintended activation

Rubber Over-mold

Insulated grasping surface
Lip/ridge keep hand away from blade



HEALTH & SAFETY



Safe Tool Preparation

Match blade

Remove battery when changing blades

Secure workpiece





HEALTH & SAFETY



Safe Tool Operation

Always use 2 hands

Firmly engage shoe against workpiece

Maintain control during and after cut





HEALTH & SAFETY

Maintenance

Power Tool Maintenance

Effective tool maintenance is essential to making your tools last. Simple, easy habits can increase the longevity of your tools.

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 repair. After six months to one year, depending on use, return the tool, battery pack and charger to a MILWAUKEE service facility for inspection.

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.

WARNING To reduce the risk of personal injury and damage, never immerse your 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 gasoline, 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 service center.

Allow Tools to Cool Down



Clean After Each Use



Inspect for Damage



Replace Worn Parts



Store in a Dry Location



Use Sharp Accessories



Repair by Factory Service/Authorized Service





HEALTH & SAFETY



HEALTH & SAFETY LEADERSHIP



Rafael Guerrero
Territory Manager
Cell: 1-480-793-5089

**RELENTLESS SAFETY SOLUTIONS,
BUILT FOR PRODUCTIVITY**