



SAFETY MUSTS: CORDLESS ANGLE GRINDERS



GENERAL USE

■ ALWAYS FOLLOW THE GUIDANCE IN THE INSTRUCTION MANUAL

Read all safety warnings, instructions, illustrations and specifications for the specific model of the product you are using. Failure to follow the specific product's manual instructions may result in electric shock, fire and/or serious injury.



PPE & SAFE HANDLING

■ ALWAYS USE SAFETY GLASSES

Everyday eyeglasses are NOT safety glasses. Also use face or dust mask if cutting operation is dusty.

■ WEAR PERSONAL PROTECTIVE EQUIPMENT

Depending on application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and workshop apron capable of stopping small abrasive or workpiece fragments. The eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respirator must be capable of filtering particles generated by your operation. Prolonged exposure to high intensity noise may cause hearing loss.

■ ALWAYS WEAR CERTIFIED SAFETY EQUIPMENT:

- ANSI Z87.1 eye protection (CAN/CSA Z94.3),
- ANSI S12.6 (S3.19) hearing protection,
- NIOSH/OSHA/MSHA respiratory protection.

■ KEEP BYSTANDERS A SAFE DISTANCE AWAY FROM WORK AREA

Anyone entering the work area must wear personal protective equipment. Fragments of workpiece or of a broken accessory may fly away and cause injury beyond immediate area of operation. Hold the power tool by insulated gripping surfaces only, when performing an operation where the cutting accessory may contact hidden wiring or its own cord. Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

■ NEVER LAY THE POWER TOOL DOWN UNTIL THE ACCESSORY HAS COME TO A COMPLETE STOP

The spinning accessory may grab the surface and pull the power tool out of your control.

■ DO NOT RUN THE POWER TOOL WHILE CARRYING IT AT YOUR SIDE

Accidental contact with the spinning accessory could snag your clothing, pulling the accessory into your body.

■ REGULARLY CLEAN THE POWER TOOL'S AIR VENTS

The motor's fan will draw the dust inside the housing and excessive accumulation of powdered metal may cause electrical hazards.

■ DO NOT OPERATE THE POWER TOOL NEAR FLAMMABLE MATERIALS

Sparks could ignite these materials. Do not use accessories that require liquid coolants. Using water or other liquid coolants may result in electrocution or shock.

■ PROPER GUARD MUST BE USED WITH ALL GRINDING WHEELS, CUTTING WHEELS, SANDING FLAP DISCS, WIRE BRUSHES AND WIRE WHEELS

The tool may only be used without a guard when sanding with conventional sanding discs with rubber backing pad.

■ ALWAYS USE AUXILIARY HANDLE

Tighten the handle securely. The auxiliary handle should always be used to maintain control of the tool at all times.

■ USE CLAMPS OR ANOTHER PRACTICAL WAY TO SECURE AND SUPPORT THE WORKPIECE TO A STABLE PLATFORM

Holding the work by hand against your body leaves it unstable and may lead to loss of control.



ACCESSORY USE & MAINTENANCE

■ DO NOT USE ACCESSORIES WHICH ARE NOT SPECIFICALLY DESIGNED AND RECOMMENDED BY THE TOOL MANUFACTURER

Just because the accessory can be attached to your power tool, it does not assure safe operation.

■ THE RATED SPEED OF THE ACCESSORY MUST BE AT LEAST EQUAL TO THE MAXIMUM SPEED MARKED ON THE POWER TOOL

Accessories running faster than their rated speed can break and fly apart.

■ THE OUTSIDE DIAMETER AND THE THICKNESS OF YOUR ACCESSORY MUST BE WITHIN THE CAPACITY RATING OF YOUR POWER TOOL

Incorrectly sized accessories cannot be adequately guarded or controlled.

■ THREADED MOUNTING OF ACCESSORIES MUST MATCH THE GRINDER SPINDLE THREAD

For accessories mounted by flanges, the arbor hole of the accessory must fit the locating diameter of the flange. Accessories that do not match the mounting hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.

■ DO NOT USE A BONDED ABRASIVE WHEEL THAT IS PAST ITS EXPIRATION (EXP) DATE AS MARKED NEAR CENTER OF THE WHEEL, IF PROVIDED

Expired wheels are more likely to burst and cause serious injury. Store bonded abrasive wheels in dry location without temperature or humidity extremes. Destroy expired or damaged wheels so they cannot be used.

■ DO NOT USE A DAMAGED ACCESSORY

Before each use, inspect the accessory, such as abrasive wheels, for chips and cracks, backing pad for cracks, tear or excess wear; wire brush for loose or cracked wires. If power tool or accessory is dropped, inspect for damage or install an undamaged accessory. After inspecting and installing an accessory, position yourself and bystanders away from the plane of the rotating accessory and run the power tool at maximum no-load speed for one minute. Damaged accessories will normally break apart during this test time.

■ WHEN STARTING THE TOOL WITH A NEW OR REPLACEMENT WHEEL, OR A NEW OR REPLACEMENT WIRE BRUSH INSTALLED, HOLD THE TOOL IN A WELL PROTECTED AREA AND LET IT RUN FOR ONE MINUTE

If the wheel has an undetected crack or flaw, it should burst in less than one minute. If the wire brush has loose wires, they will be detected. Never start the tool with a person in line with the wheel. This includes the operator.

■ TO PREVENT THE SPINDLE END FROM CONTACTING THE BOTTOM OF THE HOLE OF THE ABRASIVE PRODUCT, USE ACCESSORIES THAT HAVE A THREADED HOLE DEPTH OF AT LEAST 21 MM

Failure to use an accessory with the appropriate thread depth could result in damage to the abrasive product and injury to the operator or persons in the area.

■ THE ARBOR SIZE OF HUBBED WHEELS, FLANGES, BACKING PADS OR ANY OTHER ACCESSORY MUST PROPERLY FIT THE SPINDLE OF THE POWER TOOL

Accessories with arbor holes that do not match the mounting hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.