



Bench Grinder Awareness Reminder

Potential Hazards

▶ A bench grinder can be hazardous when improperly used. Incidents could include electric shock, fire, or personal injury.

Solutions

- ▶ The following general precautions should be observed by bench grinder users:
- NEVER reach to pick up a workpiece, a piece of scrap, or anything else that is in or near the grinding path of the wheel.
 - AVOID AWKWARD OPERATIONS AND HAND POSITIONS where a sudden slip could cause your hand to move into the wheel. Always make sure you have good balance.
 - NEVER stand or have any part of your body in line with the path of the wheel.
 - DO NOT USE TOOL IF SWITCH DOES NOT TURN IT ON AND OFF. Have defective switches replaced by an authorized service center.
 - DO NOT TURN MOTOR SWITCH ON AND OFF RAPIDLY. This could cause the wheel to loosen and could create a hazard. Should this ever occur, stand clear and allow the wheel to come to a complete stop. Disconnect your grinder from the power supply and securely retighten the wheel nut.
 - USE ONLY FLANGES furnished with this bench grinder.
 - IF ANY PART OF THIS GRINDER IS MISSING or should break, bend, or fail in any way, or should any electrical component fail to perform properly, shut off the power switch, remove the machine plug from the power source and have damaged, missing, or failed parts replaced before resuming operation.
 - MAKE SURE THE GRINDER IS SECURELY MOUNTED as described in the operating instructions before connecting the tool to a power supply.
DO NOT OVERTIGHTEN WHEEL NUT. Excessive tightening can cause the wheel to crack during operation.
 - ALWAYS USE THE GRINDER'S WHEEL GUARDS AND SAFETY SHIELDS.
 - INSPECT GRINDING WHEEL for visible defects. Check the wheel for fissures and cracks, and test for normal operation prior to use. Replace cracked wheel immediately.
 - ADJUST distance between wheel and work rest to maintain 1/16 in. or less separation as the diameter of the wheel decreases with use. The value of separation used in the marking is to be the separation recommended by the manufacturer but shall not be more than 1/8 in.
 - ALWAYS EASE THE WORKPIECE AGAINST ABRASIVE WHEEL when starting to grind. A harsh impact can break the wheel. Use light pressure when starting to grind; too much pressure on a cold wheel can cause the wheel to crack.
 - RISK OF INJURY DUE TO ACCIDENTAL STARTING. Do not use in an area where children may be present.
 - NEVER START THE GRINDER when the wheel is in contact with the workpiece.
 - SECURE WORK. Always hold workpiece firmly against the work rest.
 - DO NOT USE THE BENCH GRINDER if the flange nut or clamp nut is missing or if the spindle shaft is bent.
 - FREQUENTLY clean grinding dust from beneath grinder.
 - STAY ALERT AND EXERCISE CONTROL. Watch what you are doing and use common sense. Do not operate tool when you are tired. Do not rush.
 - IF THE POWER SUPPLY CORD IS DAMAGED, it must be replaced only by the manufacturer or by an authorized service center to avoid risk.

Proper Training on Safety Awareness for each piece of equipment should be documented in the Training Log

