

SAFE WORK PRACTICES

3.10 SAFE USE OF CHOP SAWS

Safe Work Practices:

1. Ensure workers using equipment have reviewed manual or have been instructed on proper use.
2. Ensure all equipment is maintained regularly according to operating guidelines.
4. Ensure all workers and those in the working area wear proper P.P.E in accordance with the standard nature of work. ie: hard hat, safety goggles/face mask & ear plugs to prevent injury.
5. Ensure equipment is not used in a dangerous environment such as damp or wet areas, exposed to rain or flammable substances.
6. Keep work area clean.
7. Equipment should be locked up to ensure it is not accessible by untrained individuals.

Procedures:

1. Ensure proper power supply and polarized pugs are used in accordance with manual. Electrical cords are not to be lying in areas where people walk. If so they should be covered in a manner to avoid someone tripping.
2. Ensure safety guards are in place and blades are not cracked or chipped.
3. Make sure adjusting keys and wrenches are removed before connecting saw to power.
4. Ensure your work area is clean and saw is in a stable position before starting.
5. Secure work using clamps or a vise when practical. If applicable, ensure the turn base is secured so it will not move.
6. When starting, let saw run for a few seconds to ensure there are no vibrations or wobbling of the blade.
7. Ensure blade is running at full speed before cutting and hold the handle of the saw firmly when operating.
8. Feed work into a blade or cutter against the direction of rotation of the blade or cutter only.
9. Keep proper footing and balance at all times.
10. Never leave tool running unattended.
11. Shut off and disconnect tools before servicing, changing blades, cutters, etc.

**‘ENSURE BLADE HAS STOPPED TURNING AND USE
RECOMMENDED ACCESSORIES ONLY.’**

12. Periodically check for damaged parts and replace immediately with identical replacement parts.
13. Do not exert excessive force when cutting, let the tool do the work.

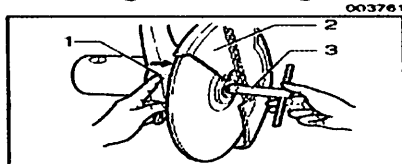
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3.10 SAFE USE OF CHOP SAWS Continued...

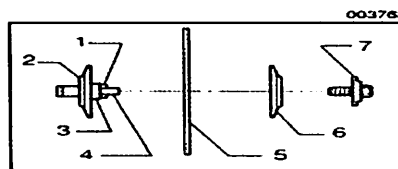
Removing or installing the cut-off wheel:

1. Always be sure the saw is not only turned off, but the machine is unplugged prior to changing the blade or any maintenance.
2. To remove the wheel, raise the safety guard.
3. Press the shaft lock so the wheel cannot revolve and use the socket wrench to loosen the hex bolt by turning it counterclockwise.
4. Remove the hex bolt, outer flange and the wheel. *Do not remove the inner flange, ring and O-ring.*
5. Install the new blade by following the removal procedures in reverse.
6. Be sure tighten the hex bolt securely. Insufficient tightening may result in severe injury. Use the socket wrench provided to help assure proper tightening.
7. Always use the proper inner and outer flanges provided with the tool.
8. Always lower the safety guard after replacing the wheel.
9. Improper changing of this part may result in severe injury. Should you be missing a part your DVS Supervisor must be notified immediately and the tool must be red tagged.

Removing or installing cut-off wheel



1. Shaft lock
2. Safety guard
3. Socket wrench



1. O-ring
2. Inner flange
3. Ring
4. Spindle
5. Cut-off wheel
6. Outer flange
7. Hex bolt