

Instructions

Quick Reference

Warning!

Never turn knife in-
to wheel!

Warning!

Always use Eye
Protection!

Do not Exceed 3600 RPM!

Preparation- - - -New or Regrit

- 1 Without motor running apply a thin even coat of goose grease (colored wax) to gritted sharpening wheel one time- - -if knife heats up repeat application of goose grease.
- 2 Start motor and, using a piece of metal (an old knife or the backside of a pair of pliers will do), smooth down grease and remove any excess silicon carbide.

Sharpening

- 1 *Rembering to never turn the edge into the wheel and to never pull the knife off the wheel*, place the knife edge on the wheel at about a 15 to 20 degree angle, using a light, even stroke with light pressure.
- 2 Make an equal number of passes on both sides of the blade for its entire length until a *feather edge* appears (metal bending up)



Installing Adapters

If you purchased the wheel kits with adapters you will need to take a sheet of sandpaper and sand edges of adapter. This will make it easier to insert into the hole. Then turn into wheel clockwise. Do not hammer in. Just push it in If you are using a grinder with guards you will need to remove them before adding your new system. They do not have to be used with this sharpening system.

The manufacturer is not responsible for any injuries or accidents that can occur while using this product.



- 3 After a feather edge appears, switch to slotted buffing wheel. Touch white buffing compound to wheel prior to buffing each knife (wheel will turn black).
- 4 Buff both sides of edge with moderate pressure until the feather edge is removed, *remembering never to turn the edge into the wheel.*
- 5 Knives may be re-sharpened on buffing wheel alone- - -unless blade is nicked.

Reconditioning

When sharpening wheel stops cutting, it must be re-conditioned as follows:

- 1 With motor running, use 40-grit floor sanding paper to dress down wheel and remove remaining grease, grit, and glue. Approxiametely 1 square foot.
- 2 Spread silicon carbide in the fold of a newspaper.
- 3 Place a light, even coat of yellow Elmer's glue or equivalent, on the wheel and spread smooth with a finger.
- 4 Roll wheel through silicon carbide, being sure of complete coverage. Wail one minute then roll second time through git. Allow to dry overnight.
- 5 Sharpening wheel is now ready for preparation steps above. If notches in buffing wheel fill up, they may be cleaned out with a knife edge or a hacksaw blade. If you need further assistance you can call Toll Free at 1-866-305-5690. You may also view sharpening videos on the web at www.stanfordoutdoors.homestead.com