

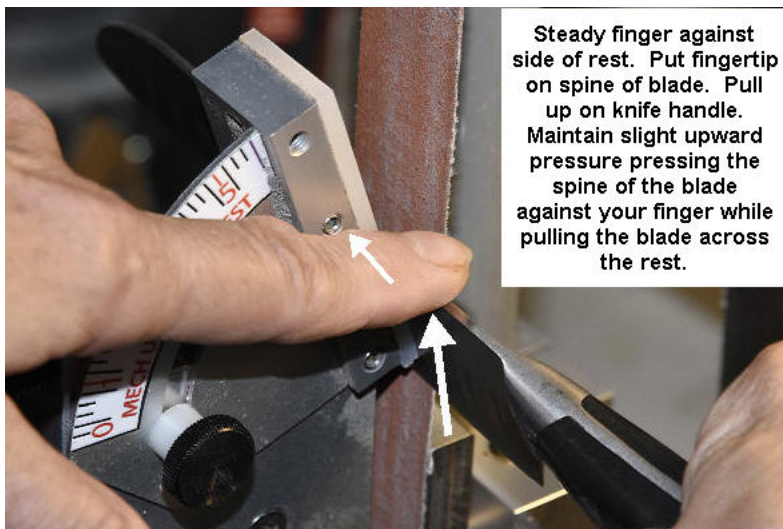
Kallyrest Operation

IMPORTANT – PLEASE READ

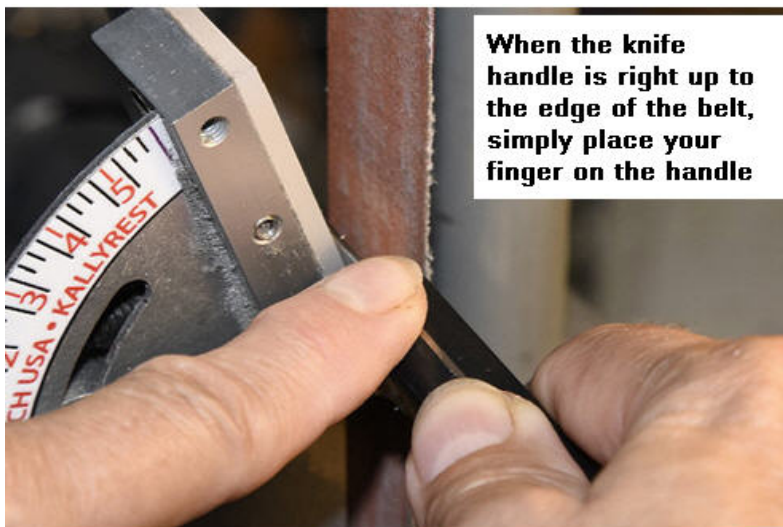
Safety First! Wear safety glasses, a dust mask and secure loose clothing when using your equipment.

Because the Kallyrest sharpens edge trailing, (belt moves away from the edge of the blade), there is a tendency for the blade to be pulled downward and into the belt. This is easily remedied but it **is important to understand and use proper technique to prevent it**. The technique is simple and easy. It provides excellent stability and precise control of extremely light to heavy blade to belt pressure.

When sharpening: **Steady your finger against the side of the rest and put your fingertip on the spine of the blade. Pull up with the handle of the knife and *maintain slight upward pressure against the bottom of your finger while drawing the blade across the rest***. You don't need a lot of upward pressure, just enough to maintain blade position. With a little practice it becomes second nature. **We have found that keeping your finger against the side of the Kallyrest while pulling the blade across the rest provides great stability and accuracy.** Do the same on the opposite side of the rest when sharpening the other side of the blade.



When the knife handle is right up to the edge of the belt, simply place your finger on the handle of the knife.



When starting with the Kallyrest, first practice with very light blade to belt pressure, then apply more pressure as you become accustomed to it. **Just remember to always maintain slight upward pressure with the spine of the blade against your finger.**

OVER

Adjusting the Kallyrest for Sharpening

- Adjust the sharpening angle first.
- Loosen the small gauge hold down knob on the right side of the Kallyrest. Adjust the rest angle with the Angle Adjustment Knob. Tighten the gauge hold down knob before sharpening.
- After setting the sharpening angle, set the rest distance from the belt.
- Loosen the Mount Bar Knob on the side of the Mount Bar to allow the rest assembly to slide in the slot in the Mount Bar. Adjust the rest assembly until the bottom edge of the plastic rest pad is as close a possible to the belt without touching the belt.
- Tighten the Mount Bar knob to secure the rest assembly.

UHMW (Ultra High Molecular Weight) Plastic Rest Pad

The UHMW plastic pad on the top of the Rest serves multiple purposes. **Do not operate the Kallyrest without it.** UHMW plastic is used because it is very tough, abrasion and chemical resistant, as well as smooth and slippery so the blade slides easily.

- Protects the blade from getting scratched.
- Protects the Kallyrest from being damaged by contacting the belt.

The bottom edge (by the belt) of the plastic pad overhangs the aluminum rest by about 1/8". This is by design. We know from experience that sooner or later the pad will impact the spinning belt. This overhang provides extra wear area before the pad must be replaced and helps protect the rest from belt impact.

The pad is designed to be replaceable and is stuck to the aluminum rest with double sided tape. If the pad comes loose, simply press it firmly back in place. This should not happen during normal operation but if it does just stick it back on.

Kallyrest Maintenance

Keep your Kallyrest clean! Wipe the UHMW plastic pad often with a dry rag or rag sprayed with a little glass cleaner or WD-40 to prevent accumulation of metal and abrasive particles on the surface. The plastic pad won't scratch blades but accumulated metal particles and abrasive dust on the surface can. If the plastic pad is very dirty, spray some WD-40 on the rag. Especially if using honing compound, WD-40 will help dissolve the compound and remove it from the pad surface. Wipe off excess lubricant as dust and metal particles can stick to moist surfaces.

The rest assembly should slide smoothly and easily in Mount Bar slot. After a while sharpening debris can accumulate in the slot and prevent smooth operation. When this happens simply remove the rest assembly. Spray some WD-40 on a rag and clean the slot in the Mount Bar as well as the cleat and mating surfaces on the side of the Base assembly and Mount Bar. Wipe off excess lubricant as dust and metal particles can stick to moist surfaces.

The Angle Adjust Knob screw can also collect debris and not turn smoothly. Remove the screw and clean it. A brush works well to remove contaminants from the threads. Spray a little WD-40 on a rag and apply it to the screw. Wipe off excess lubricant as dust and metal particles can stick to moist surfaces.

Polishing compounds are really messy and by their very nature abrasive and sticky. Anyone using compounds with a belt sander knows that the compound can be widely dispersed and coat surfaces. When using compounds be especially diligent in keeping things clean.

Never use harsh chemicals, abrasive or acid based products when cleaning the Kallyrest.