

## Break down steps for aligning H.P. saws:

1). Removal of blade



2). Removal of Arbor End Cap.



3). Remove belt guard.



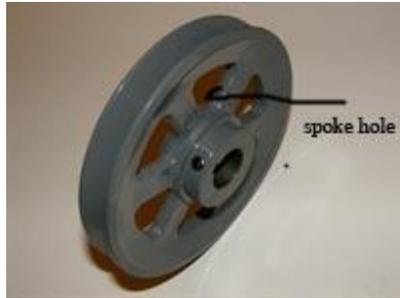
4). Remove catch tray.



5). Remove Arbor bearing cover.



a). Where the cover meets the side of the saw tank there are two screws to be removed.



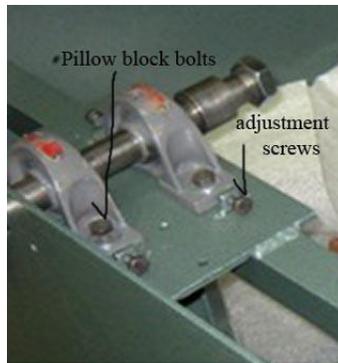
Simply turn the arbor pulley; up with screw for removal.

until one of the spoke holes align



b). Remove front and rear screws. so it will be harder to remove.

Note that felt has a sticky side to it



6). Once arbor cover is removed roughly a half turn.

gently loosen pillow block bolts,



7). Inspect flanges for trueness.

If damaged in any way replace flanges.

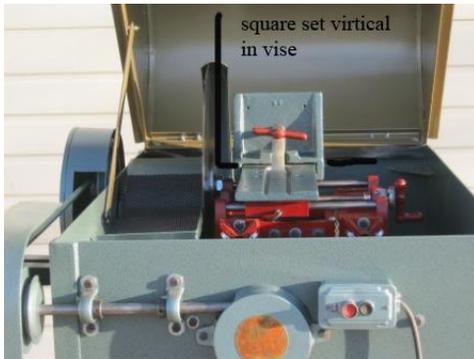


8). Inspect blade. In order to achieve best possible results blade must be in good condition; ie.. Not warped.



9). Mount flanges and blade.

10). Now to dial your blade in. To get started 1<sup>st</sup> set a square in the vice running vertical.

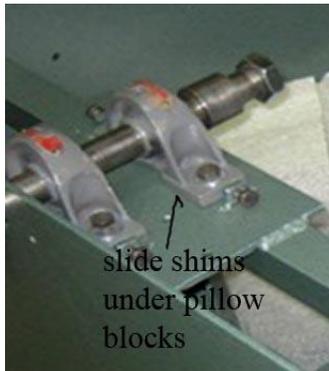


To adjust for plum vertical you may need to use machined

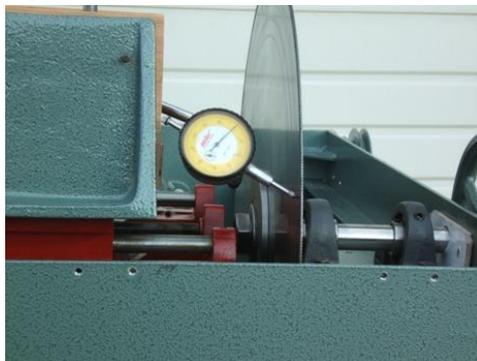


shims which can be obtained at many hardware stores

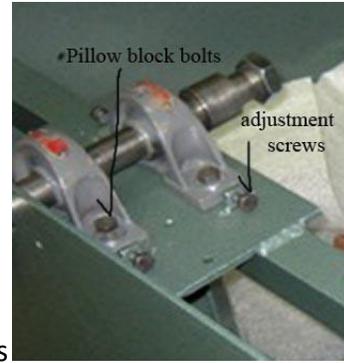
To adjust simply slide shims under pillow block to achieve desired results.



11). The next piece of equipment you will need to obtain desirable results for the horizontal Alignment is a dial indicator these can be obtained at some hardware stores or online.



12). Set dial indicator into vise Start from front edge of blade, slide vise to rear edge of blade. These are the two points you are interested in, front and back edge of blade.



13). To achieve alignment; tighten or loosen adjustment screws

A little turn goes a long ways. When front and back of blade are within 5 thousands of each other you have reached your goal.

14). Reassemble; make sure you use all new felt and rubber washers where leaks can occur.

Best regards;

Cigar Box Rock