# Screw that Secures the Free Vise Jaw

Posted by nudood - 04 Nov 2012 19:07

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I'm having an issue with the screw that secures the free vise jaw. It's protruding through the movable vise jaw and preventing me from using a shallow angle because the stone on that side of the vise is hitting the screw, rather than the knife blade. It's happening when I try to go to 15 degrees. Should I not be going that shallow?

Thanks

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# Re: Screw that Secures the Free Vise Jaw

Posted by cbwx34 - 04 Nov 2012 19:33

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Hey nudood:

Here's a few things you can try...

You can, as you say, just go up a degree, you probably wouldn't notice a difference using the knife.

If you're just barely scraping it, you can try not making the top screw quite so tight, and use the bottom screw a little extra to tighten the clamp on the knife.

Some members have purchased a shorter screw to use on thin knives. (I don't have the size in front of me.)

Hopefully, one of these will work for you.

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# Re: Screw that Secures the Free Vise Jaw

Posted by FredHermann - 04 Nov 2012 19:52

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So just to check, you're using the short screw on top, longer underneath correct?

Also, are you using a PP2, or just the WEPS with the stock arms?

One thing to consider also, how deep are you putting the blade in the vise? That can make a huge difference, just make sure you put some tape on the vise so you don't scrape it like I did.

And of course, let us know your results.

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## Re: Screw that Secures the Free Vise Jaw

Posted by xuzme720 - 04 Nov 2012 19:52

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If you're not already using something, a piece of chamois or cloth lining the vice, as if you wanted to protect the spine of the blade, might help get the vice jaws a little wider so you can clear the screw.

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## Re: Screw that Secures the Free Vise Jaw

Posted by Billabong - 05 Nov 2012 07:59

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**cbwx34 wrote:**

Some members have purchased a shorter screw to use on thin knives.  (I don't have the size in front of me.)

The original top screw is 1/4" x 5/8", get another one that is 1/4" x 1/2".

Mine is a 316 stainless MT(machine turned), countersunk, flat head socket cap screw.

Pretty sure it's 1/4-20 UNC thread, Clay may confirm this for me?

We love metric here in Aus.

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## Re: Screw that Secures the Free Vise Jaw

Posted by wickededge - 05 Nov 2012 08:34

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Affirmative, it's 1/4-20

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## Re: Screw that Secures the Free Vise Jaw
Posted by cbwx34 - 05 Nov 2012 08:40

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Thanks Chris.  Looks like you got it.

The other ideas for avoiding the screw are good too.

Whatever method you use, make a note of it, so you can repeat as needed.

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## Re: Screw that Secures the Free Vise Jaw
Posted by Billabong - 05 Nov 2012 13:23

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**cbwx34 wrote:**

Thanks Chris.  Looks like you got it.

The other ideas for avoiding the screw are good too.

Whatever method you use, make a note of it, so you can repeat as needed.

All good advice, as usual.

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## Re: Screw that Secures the Free Vise Jaw
Posted by nudood - 06 Nov 2012 09:57

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**cbwx34 wrote:**

You can, as you say, just go up a degree, you probably wouldn't notice a difference using the knife.

That was my "workaround."

**cbwx34 wrote:**

If you're just barely scraping it, you can try not making the top screw quite so tight, and use the bottom screw a little extra to tighten the clamp on the knife.

That was my second "workaround."

**cbwx34 wrote:**

Some members have purchased a shorter screw to use on thin knives.  (I don't have the size in front of me.)

That was my long term plan.

**FredHermann wrote:**

So just to check, you're using the short screw on top, longer underneath correct?

Yes, that's one of the first things that I checked.

**FredHermann wrote:**

Also, are you using a PP2, or just the WEPS with the stock arms?

PP2

**FredHermann wrote:**

One thing to consider also, how deep are you putting the blade in the vise? That can make a huge difference, just make sure you put some tape on the vise so you don't scrape it like I did.

I used the top holes in the vise. The knife that I had the issue with is an A.G. Russell Woodswalker. www.agrussell.com/product.asp?pn=AGPRS
It's a small blade, about 2 3/8" long and only 3/4" at the widest, tapering to a point. Great little steak knife.

**xuzme720 wrote:**

If you're not already using something, a piece of chamois or cloth lining the vice, as if you wanted to protect the spine of the blade, might help get the vice jaws a little wider so you can clear the screw.

I'm padding the vise with orange painter's tape. No scratches so far. I tried some chamois but the knife moved in the vise. On YouTube I saw someone using aluminum tape, anyone using that?

Thanks for all the suggestions, I appreciate it. I think a shorter screw is the long term answer,

Clay, any chance you'll supply one? That way it would still be part of the set that would work with the supplied wrench.

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## Re: Screw that Secures the Free Vise Jaw

Posted by wickededge - 06 Nov 2012 11:36

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**nudood wrote:**

Clay, any chance you'll supply one? That way it would still be part of the set that would work with the supplied wrench.

Yes. Please give Kyle a call at 877-616-9911 or shoot him an email to kyle@wickededgeusa.com and he can take care of you.

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