FINDBUY TOOL

Helical Spiral Cutter Heads in Jointer

INSTRUCTION MANUAL

Email: service@findbuytool.com www.findbuytool.com

Installation Instructions

FindBuyTool supplies fine planer/jointer helical cutterheads with top-quality tungsten carbide insert knives mounted. Our helical cutter head offers a better finish, reduced sound, smaller shavings, and saves you cost on maintenance. If you cannot find a cutter head for your machine model, we also provide an option for a custom cutter head.

Not all pictures in these instructions will exactly reflect your machine. Some photos are provided for representation purposes only to help you better understand the concepts described in the procedure.

If you have further questions, please contact our Website Customer Service or Technical Support Department at service@findbuytool.com

Installation Steps

1.Disconnect the power tool from the power source before changing helical spiral cutter head.

2.Strip down the blade guard.

3.Loosen the bolts that hold the fence assembly in place.

4.Lift the entire assembly off the jointer.

5.Remove the belt guard.

6.Remove the motor compartment cover. You may as well do a little bit of cleanup.

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7.Remove the belt by tracking it off the pulley. If you're having trouble, consider loosening the motor to give you a little bit more slack.

8.Loosen any set screws that are holding the pulley onto the shaft of the cutterhead.

9.Using the gear puller,remove the pulley from shaft.

10.Pulley off the shaft and be sure not to lose that little metal key, you need it later

11.Lower both the in-feed and out-feed beds to their lowest points.

12.You may need to remove a stop bolter too to get them low enough.

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13.Loosen the bolts that hold the cutterhead to the jointer body. The one in the back was pretty easy to reach. Once loosened, It can be unscrewed it by hand.

14.The front bolt was a different story. I had to slide the wrench into the small slop between the jointer body and the stand. As the bolt move downward, it eventually came into contact with the stand. The only way to get the bolt out any further was to actually lift up on the cutterhead and provide clearance for the bolt head to turn. Once loosened, the front bolt is pretty much captured and stays right where it is. The head then slides out easily.

15.Remove the bearing and the bearing housing from both ends of the cutterhead.

16.The dug hole in workbench to be pretty handy for stabilizing this thing. You can also find other items to stabilize.

17.Gear puller pulls the bearing housing off with even and consistent pressure.

18.The bearing housing comes right off.

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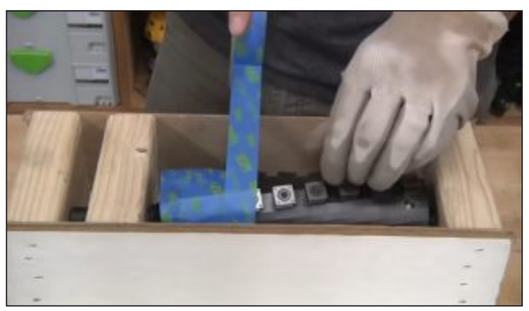
19. Pull the bearing off by the gear puller.

20. Wipe down or vacuum the bearing and the housing to remove any dust or debris.

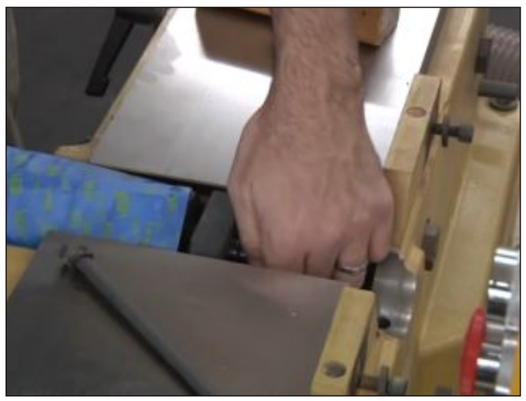
21. The head comes packed in a dense cardboard box reinforced with two by four stock. Since it's free to spin, I use that to my advantage and roll some masking tape around the head to not only protect the cutters but hands as well.



22. Use a deep well socket to put the old bearings on the new cutterhead. The goal is to tap the bearing into place with even pressure and the socket is sized so that it rests on the inner metal ring of the bearing.

23. When the bearing stops moving, it's fully seated on the shaft. The bearing housing goes on next with just a few taps. Repeat the process on the other side.

24. Slide the new cutterhead back into position.



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25. If everything was installed correctly, the bolt should line up with the holes and the bearing housings.

26. Tighten the bolts on both sides.

27. The pulley goes on the same way it came off. Just be careful to line up the key way and put the key in place.

28. Replace the belt by tracking it on to the pulley and once again, watch your fingers.

29. Drop the fence back into position and tighten it down.

30. Remove the masking tape to expose the beautiful helical head. The jointer bends needs to be set properly which only takes a few minutes.