

Installing spiral cutterhead on triton planer tspl152

Following steps can be followed

(parts numbers used in the description below are the numbers used on the schematic diagram from Triton tools and downloadable from the Triton website)

1. Remove the existing cutter knives from the cutter head
(Remove first the fence and the guard when the planer has been used already)
2. Remove the barrier cover (n.56)
3. Remove the sheet iron cover (n. 98)
4. Turn the machine and place it on the bench with the side where the power cord sits.
Afterwards remove the bottom cover (n. 76) by untightening the four screws (n.67).
5. Remove the entire chip collector (n. 102) by untightening the three screws (n. 55). After removing the collector, you get access to the ball bearing mounts from the cutter head shaft.
6. Untighten and remove the fan belt and the motor belt (n. 77 + n. 97)
7. untighten the two set screws from ball bearing mounts. (These set screws are not included on the schematic diagram but. can be found in the middle of the two ball bearing mounts.
8. Remove the four mounting screws that attaches the ball bearing mounts to the frame.
These screws are not included on the schematic diagram but, can be found on the left- and right-hand side of the set screw.
9. Afterwards it is possible to pull the cutter head a little bit out of the machine. This is just enough to allow first to remove the set screw (n. 94) from the drive pulley (n. 96) and second to remove the drive pulley from the shaft (use a three jaws puller tool to this).
10. Now you can take out the hole cutter head, shaft and ball bearing from the inside of the machine
11. remove the retaining ring (n. 53) from the shaft (n. 89) and use the puller tool to remove the ball bearing and mount from the shaft
12. untighten the three set screws (n. 93) on the cutter head (n. 94) and afterwards you can simply remove the cutter head from the shaft.
13. Remove all the knives from the Sheartak cutter head.
14. Mount the Sheartak cutter head on the shaft. (check the spinning direction)
15. Mount back the ball bearing and the mount.
16. Mount back the retaining ring. The cutterhead is now ready to be mounted again in the machine frame.
17. Afterwards You can go backwards from step 9 to 6 and mount the Sheartak knives on the mounted cutter head.
18. Adjust the hight of the cutterhead with the set screws of the ball bearing mounts.
19. Finish the replacement process by following backwards the steps 5 to 2
20. Afterwards you can mount fence and guard and start using your planer.