

Hello,

I got my shelix cutter head for my Rigid r1302 planer. And here are the steps needed to change the head out.

Put planer on the bench.

Remove three thumb screws dust chute and set aside.

remove blades from cutter head.

Removed 4 hex screws that hold top onto the four corner posts

remove top and side panel that does not have height adjuster on it.

remove hex screw on to of adjuster post.

now opposite side panel as follows

remove the lock lever handle, screw is removed from inside of panel

remove other handle , it is just push on

remove height adjuster knob, single screw in center.

remove side panel

loosen all four corner posts, nuts are under the base.

remove screw for indexing mechanism and remove, CAUTION, single ball bearing and spring are inside.

remove adjuster locking mechanism, lift and pull.

Put height adjuster handle back on turn to raise the head unit to the top and off the two screw posts

remove post hanging down from the top that blocks drive pulley removal

remove plastic tray on chain side of cutter head

remove four posts with motor and cutter head off of base

remove cutter head lock assembly

remove belt from drive pulley, I walked it off.

remove drive pulley, reverse thread, keep pulley and keyway, need to reuse.

Remove three screws holding bearing and retainer.

carefully pry out bearing retainer, will need to reuse. This will pull entire cutter head free.

remove Bearing retainer from bearing, lightly pry on retainer to remove from bearing

remove threaded gear on opposite end of cutter.

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Install threaded gear in new cutter head.

use plastic that came with Shelix head to wrap around cutters to protect them

slide Shelix head thru body, push bearing retainer against body.

use the three bearing retainer screws to set retainer. Walk screws down evenly, tighten.

install belt drive pulley with keyway. This bolt is standard thread, righty tighty, lefty loosie.

Walk belt onto grooved pulley, ensure all grooves are occupied.

remove previously installed protective plastic on cutter head.

Return four corner post, motor and cutter head back onto base.

Install adjuster locking mechanism.

Put Height handle adjuster back on turn to lower the head unit to the top and off the two screw posts

carefully slide up one of the corner posts on the same side of the indexing mechanism.

install indexing mechanism, with spring and single ball bearing installed, install screw.

install single post onto top of unit pointing downward.
install all four nuts on base of unit to four corner posts.
Install plastic chain cover
install that same side cover.
Install opposite side cover, height lock mechanism and screw lever on.
Push on indexing mechanism lever
install height adjusting wheel and tighten screw.
install metal top panel
install four screws for corner posts.
re check any fasteners