

Sherwood Spiral Cutterhead Upgrade

- DEWALT DW735-XE

How to Install

What's additionally needed.

x1 6202-2NSE Bearing
x1 6204-2NSE Bearing

Recommended Tools

- Open ended wrench 6 & 24mm
 - Deepwell Socket 31 &40mm
 - Retaining ring Pliers
 - Hex wrench 4 & 5mm
 - Torx Driver T-30 (included with DW-735)
 - Steel Hammer
 - Gloves
 - Wood board 300mm long
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Start

- Use included T-30 torx driver to remove top cover
- Remove red wing nuts holding dust shroud
- Remove gearbox cover (left-hand side)
- Remove retaining ring from both rollers
- Unhook spring from chain tensioner
- Remove sprockets & chain as one (keep in same orientation for easier assembly)
- Remove spacer from front roller
- Remove hand-wheel
- Remove pulley cover
- Remove chain tensioner assembly
- Remove cap screws securing sprockets
- Remove chain& sprocket as one unit
- Remove belt with gloves (pinch point)

PROTECT PLANNER TABLE AGAINST DROPPED PARTS & TOOLS

- Rotate cutter-head until torx screws are visible
- Remove screws securing clamp, remove knives
- Remove screws securing cutter-head lock lever (don't lose spring)
- Remove x3 cap screws securing gearbox
- The gearbox is loosened & can be rested on the table (secure it in place)

½ BLOCK TO WEDGE CUTTER-HEAD FROM SPINNING

- Remove helical pinion gear (6mm wrench)
- Remove inner retaining ring
- Remove hex nut from pulley (24mm)
- Remove cutter-head pulley, key & spacer
- Remove inner retaining ring
- Thread 6mm bolt into cutter-head
- Tap hex bolt until bearing is free
- Remove cutterhead

REPLACE OLD BEARINGS WITH NEW ONES

TINY TIP:

- *Wrap & freeze new bearings overnight for easier installation*
- *Wear gloves*
- *Clean & oil bearings surface before installation*

ENSURE IMPACT IS ON THE BEARING'S OUTER FACE (USE A SCRAP BLOCK OF HARD WOOD TO PROTECT THE BEARING)

Installing Helical Head

- Place cutter-head into carriage (check orientation)
- Reinstall internal retaining ring into groove
- Seat bearing with an appropriately sized wood block or socket (outer race) Bearing is seated when retaining ring groove is visible
- Reinstall retaining ring
- Use 1/4 thick block to wedge cutter-head from spinning
- Install pinion gear
- Install pulley assembly Spacer, key, cutter-head pulley & 24mm nut
- Carefully install drive-belt onto pulley. Ensure belt is seated fully on both pulleys
- Reinstall belt cover
- Reinstall gearbox & the 3 cap screws. (Double check gearbox operation)

- Install spacer onto front roller
- Reinstall sprocket & chain
- Reconnect spring to chain tensioner
- Install retaining rings to rollers
- Reinstall gearbox cover

Opposite side

- Reinstall sprocket & chain to rollers
- Install cap screws & washers onto sprockets
- Install chain tensioner assembly
- Reconnect spring to tensioner
- Reinstall pulley cover
- Reinstall dust shroud
- Reinstall red wingnuts
- Install top cover
- Align flat on hand-wheel with hub

JOB DONE..!