Stuertz Infeed - Align and dowel GX rack

Align and pin main rack on Stuertz infeed

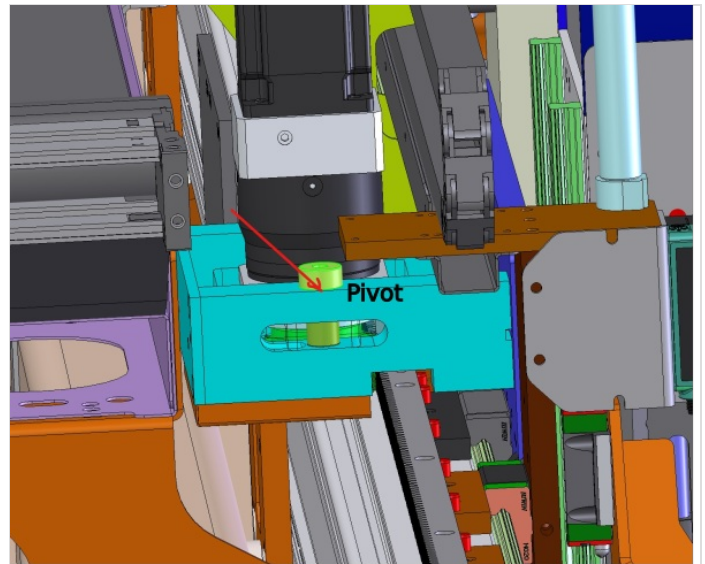| 🎛 Difficulty **Hard** | 🕐 Duration **2 hour(s)** |

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Introduction

The rack on a Stuertz infeed is a helical type and is supplied unpinned, as the motor is not connected before delivery to Stuga
The alignment must be checked then dowelled with 5mm roll pins

The racks are already located in the "Y" direction with location pins, this procedure is purely to align the racks to each other in the GX direction

Step 1 - Check the GX Pivot Tensioner is freed up and working

On the GX pinion, a spring tensioner is used to keep it in mesh
On A2030 the GX pinion tension system was locked up and needed to be freed.
Please ensure this system is working correctly

Step 2 - Align with T0001090 Tool

Using the T0001090 alignment tool, check each 1m section of the rack is aligned to its neighbour

Step 3 - Run GX up and down to ensure it is smooth

Step 4 - Dowel each rack one end with a 5mm roll pin

Use F0000281 (5mmx 16mm roll pin)
Drill the steel below to a depth of 8mm
Knock in the dowel to secure