


TB0415 Method to Prevent Loosening of Saw Blade

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 Difficulty **Medium**

 Duration **30 minute(s)**

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Comments

Introduction

Problem

On Z063 the bolt holding the saw blade onto the spindle has regularly been loosening during use.

Solution

The M16 bolt will be replaced with a stud and castle nut that can be locked with a cotter pin.

Tool List

Drill with Ø5.0 bit

24mm Spanner

C Spanner

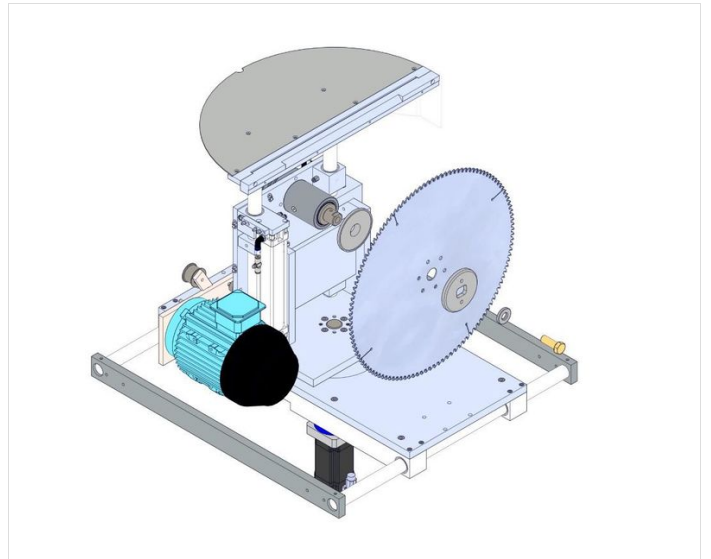
Parts List

D0004031B	Saw Washer 3mm	1
D0015560	Spindle Stud	1
F0000273	Spirol Pin Ø6 x 30	1
F0000549	Split Pin 4mm x 32	1

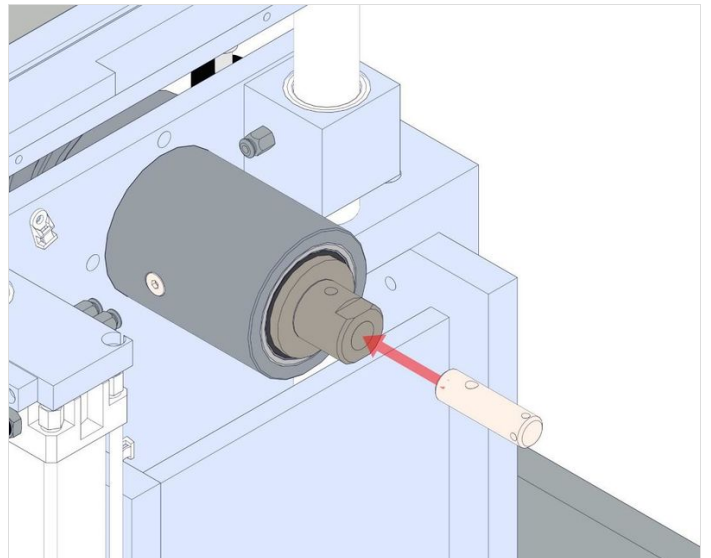
Items

🛒 Spanner 24mm

Step 1 - Remove bolt, washer, blade and blade flanges

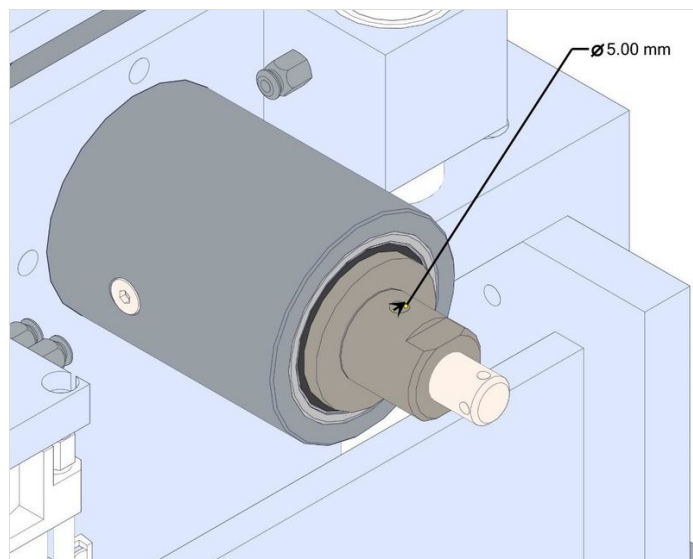


Step 2 - Fit Spindle Stud

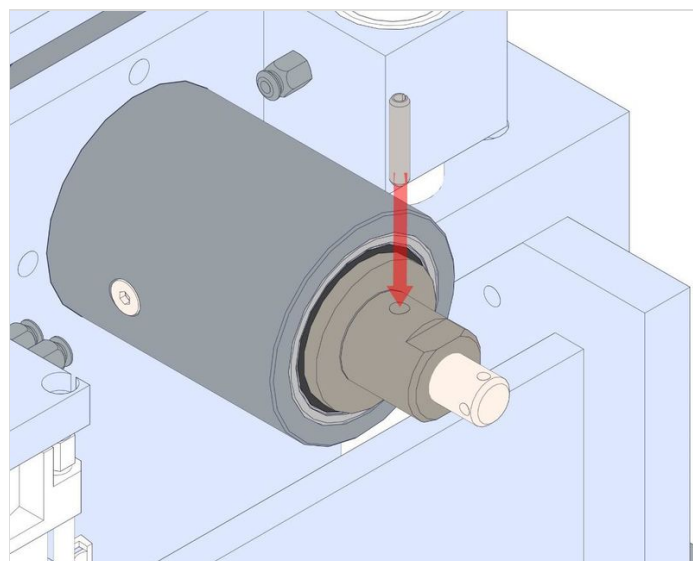


Step 3 - Drill $\text{\O}5$ hole through shaft and stud for roll pin

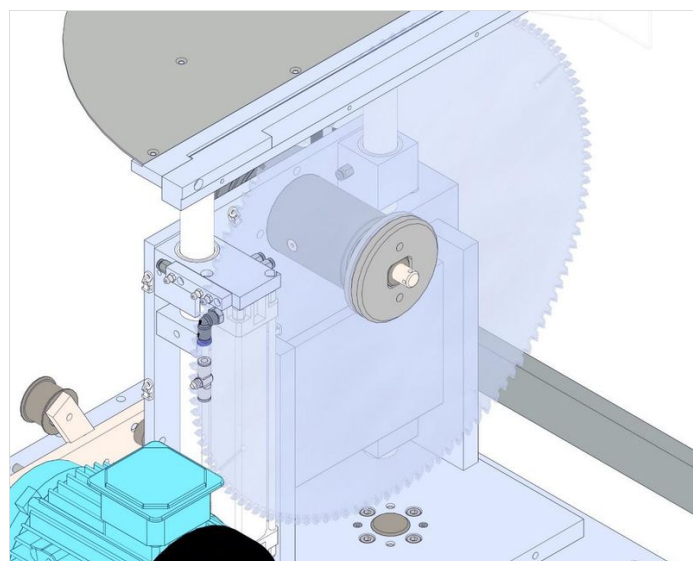
Position on shaft not important.



Step 4 - Insert roll pin to lock stud in position

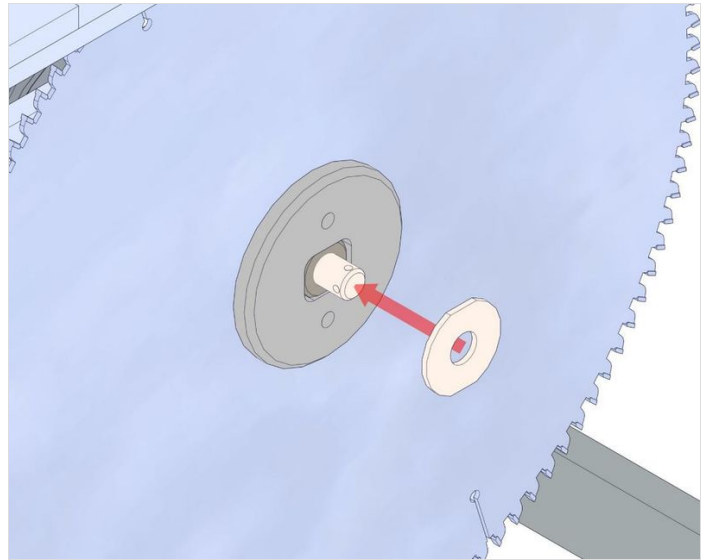


Step 5 - Re-fit blade and blade flanges

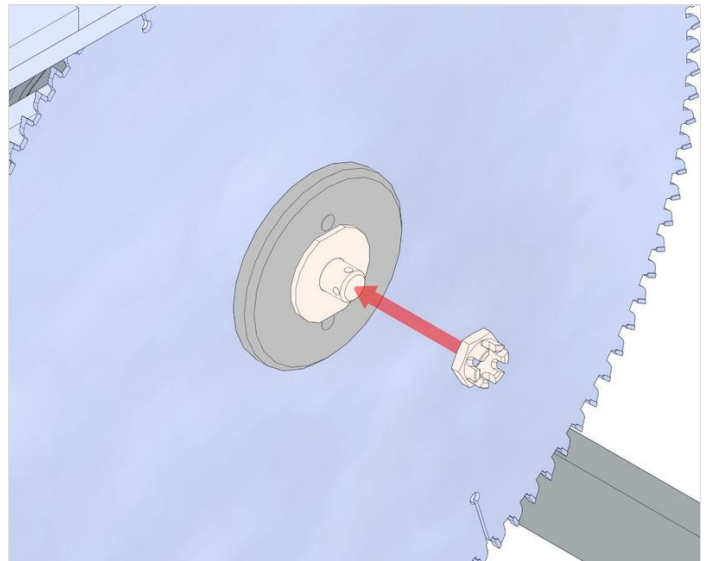


Step 6 - Fit Washer

Align flats on washer to ensure holes for pin spanner are clear.



Step 7 - Fit Castle Nut



Step 8 - Install Cotter Pin

Ensure pin is secure and cannot be dislodged during normal operation.

