



FCG1 Series

Blade Shaft Alignment Instructions

The following instructions are intended to assist the user in the alignment of the blade shaft used in the FCG1 Series Saws. Please read all instructions before starting alignment procedure.

REQUIRED TOOLS

- Alignment Tool - Part No. 35466 (See Figure 1)
- Shim Stock
- #3 Phillips Screwdriver
- 7/16" Wrench
- 9/16" Wrench
- 15/16" Wrench
- 3/8" Wrench
- 5/8" Wrench

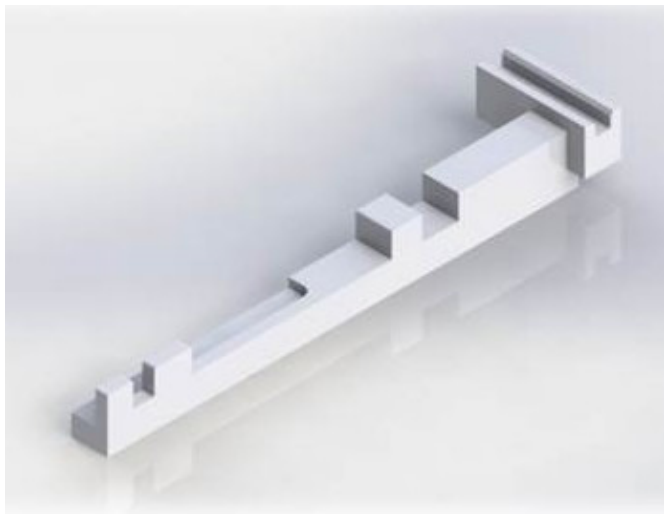


Figure 1. Alignment Tool

WORK SAFELY!

Only a **qualified service technician** with proper training should perform this alignment procedure. Follow all shop safety rules when performing this procedure.

PREPARATION

1. Make sure saw is turned off and engine is cool.
2. Place the saw in an area free of dirt and debris. Make sure it is on secure level ground.
3. Remove slurry flap from the saw.
4. Pitch saw to raised position (Figure 2).



Figure 2. Saw in Raised Position

ALIGNMENT PROCEDURE

1. Remove slurry guard mount plate, slurry guard, and associated (Figure 3).



Figure 3. Slurry Guard and Mount Plate Removal

2. Remove the flange cover (Figure 4).

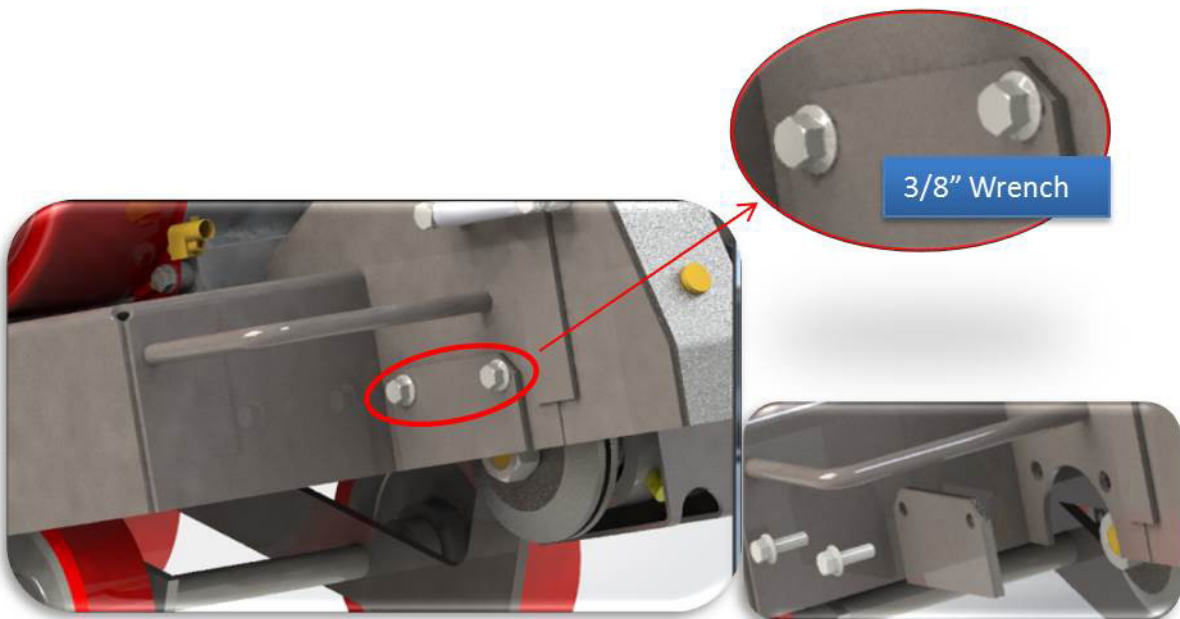


Figure 4. Flange Cover Removal

3. Remove blade flange (Figure 5).



Figure 5. Blade Flange Removal

4. Lower the saw to full depth.
5. Place saw on alignment tool as shown in Figure 6.



Figure 6. Alignment Setup

6. Remove pulley cover (Figure 7).

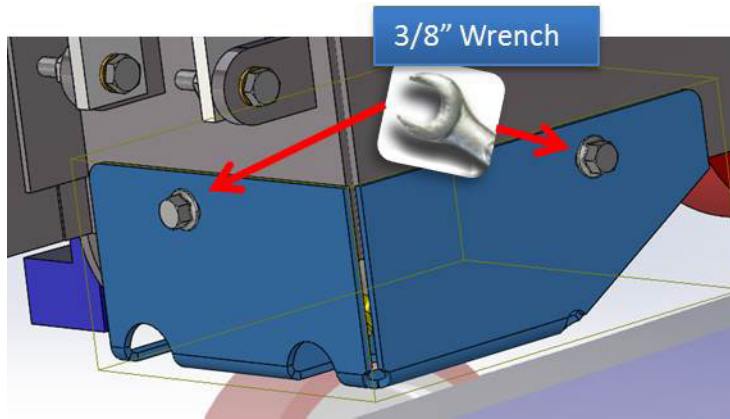


Figure 7. Pulley Cover Removal

7. Lightly loosen the four spindle bearing screws, 1 to 2 revolutions (Figure 8).

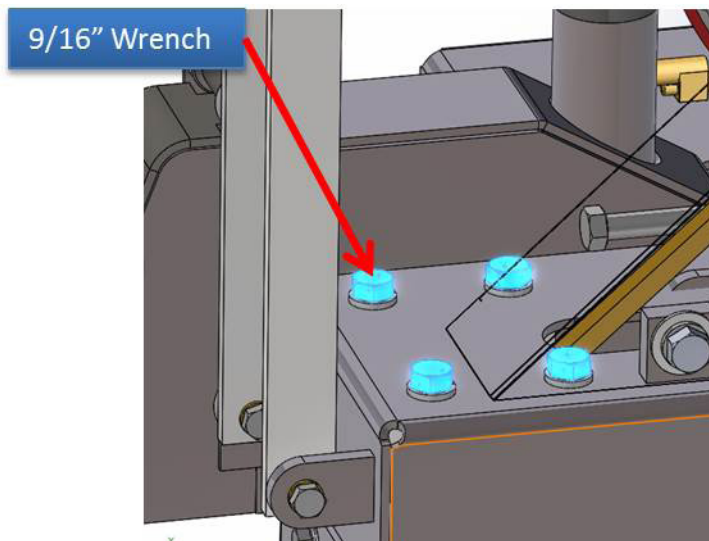


Figure 8. Loosening Spindle Bearing Screws

8. Finger-tighten nut back onto threaded end of shaft (Figure 9).

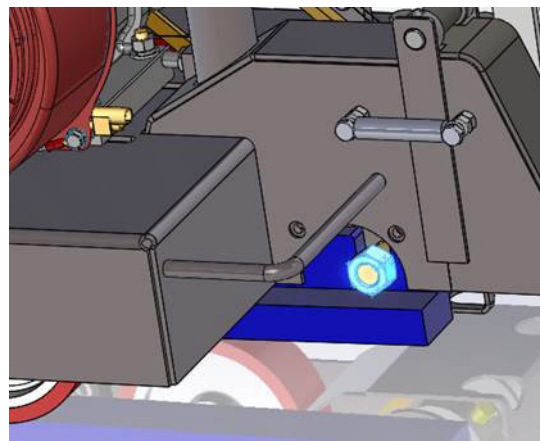


Figure 9. Shaft Nut Tightening

9. Ensure blade flange face is completely flush with alignment tool face (Figure 10).

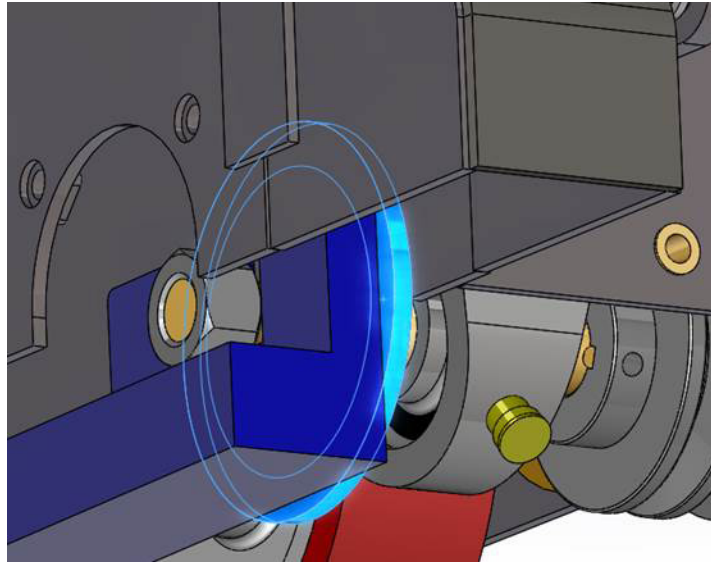


Figure 10. Blade Flange Flush

10. If faces are not flush, tighten nut more.

11. If faces are still not flush, recheck alignment tool face for dings. Remove any dings with a file. Slowly loosen spindle bearing screw more until flush (Figure 8).

12. Add Shim stock between frame and bearing spacer block accordingly to align flange (Figure 11).

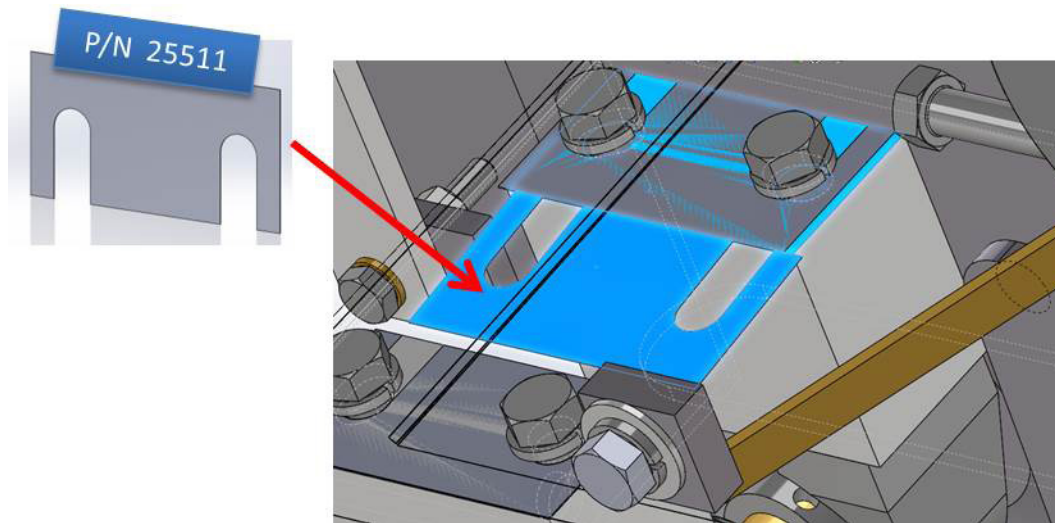


Figure 11. Adding Shim Stock

13. Retighten four spindle bearing screws and loosen blade flange nut (Figure 12).

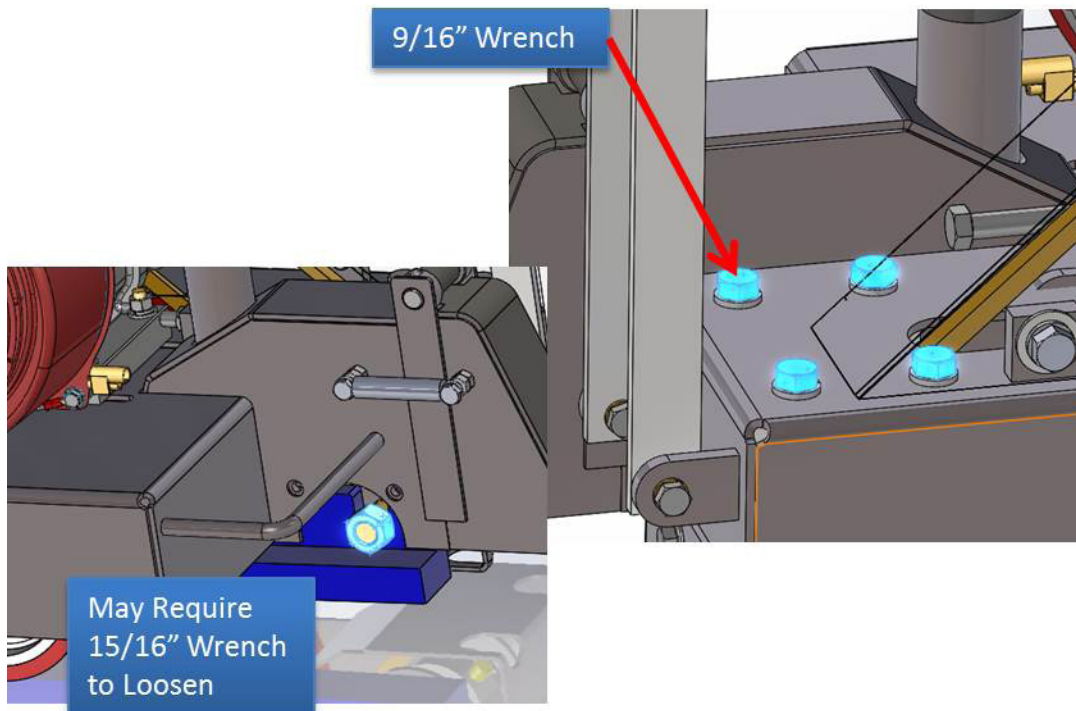


Figure 12. Loosening Flange Nut

14. Inspect that face is "freely" flush with flange face (Figure 13).

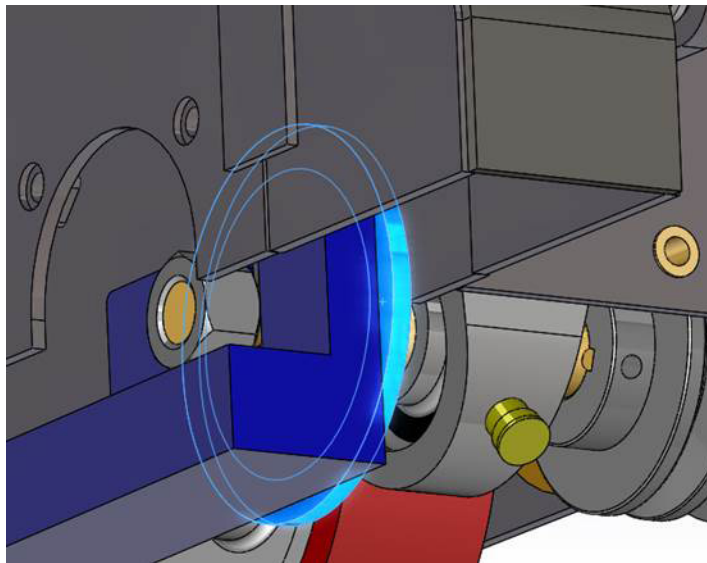


Figure 13. Flange Face Flush



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HERE'S HOW TO GET HELP

PLEASE HAVE THE MODEL AND SERIAL
NUMBER ON-HAND WHEN CALLING

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