

# MiTek® SERVICE BULLETIN

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Document ID: SB245

Affected machinery: **Finish Roller II**

Distribution: All customers with affected machinery, manuals rev. 0 or rev. A

The attached Page Change notice dated 18 March 2021 provides an important change to operating and maintaining your Finish Roller II.

## Please do the following immediately to ensure proper operation of your equipment:

1. Replace the page in your Finish Roller II equipment manual with one of the attached pages.
  - If your manual is the original release with no revision number, replace page 76 with the attached sheet marked page 76.
  - If your manual is revision A, replace page 94 with the attached sheet marked page 94.
2. Check the tension of your drive-end drive chain using the instructions on the enclosed pages, and adjust the tension if necessary.

NOTE: An overly tight drive chain can cause gearbox failures.

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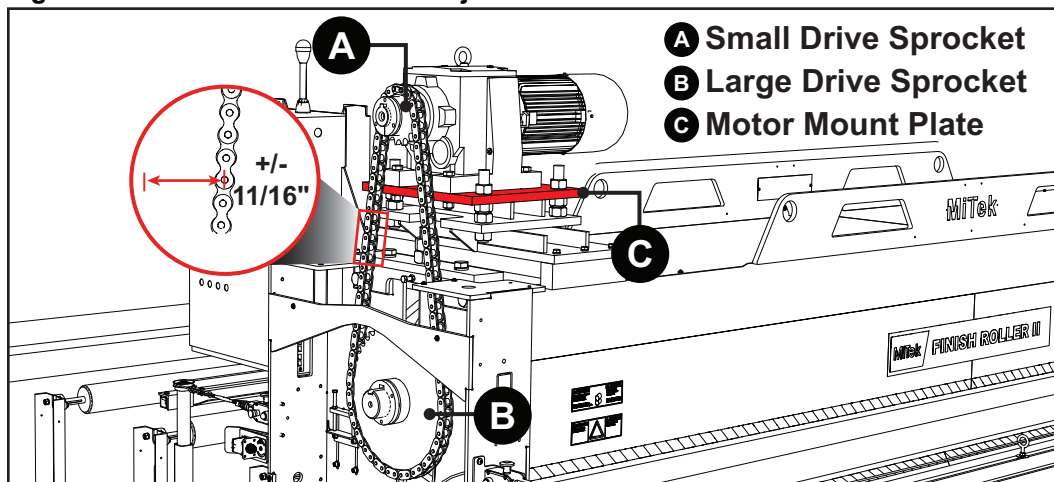
Part # and Rev.	SB245
Orig. Release Date	18 March 2021
Created By	R. Tucker
Approved By	S. Larson

**Tensioning the Drive Chain**

The motor mount plate, shown in red in Figure 5-11, moves the gearmotor and small drive sprocket up and down to adjust drive chain tension. Check the drive chain tension every week at approximately halfway between the small drive sprocket and large drive sprocket. Tension it according to Figure 5-11.

The drive chain may lose tension over time. If the chain is not tensioned properly, adjust the motor mount plate using the nuts on the threaded rods. Make sure that the motor mount plate is level after adjustment.

**Figure 5-11: Drive Chain Tension Adjustment**



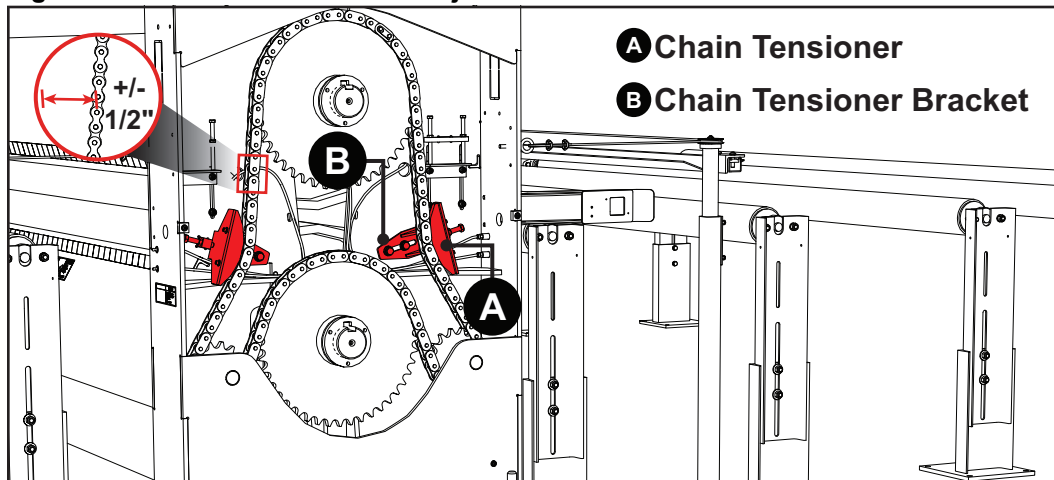
1-7/8" wrench  
Level  
Standard hex key set

**Tensioning the Idler Chain**

The idler chain tensioners and brackets, shown in red in Figure 5-12, move in and out to adjust idler chain tension. Check the drive chain tension every week at approximately halfway between the chain tensioner and the top large sprocket. Tension it according to Figure 5-12.

The idler chain may lose tension over time. If the chain is not tensioned properly, loosen the screws on the chain tensioner bracket and loosen the jam nuts. Use the adjustment screws to adjust the chain tensioners. Adjust both tensioners equally.

**Figure 5-12: Idler Chain Tension Adjustment**



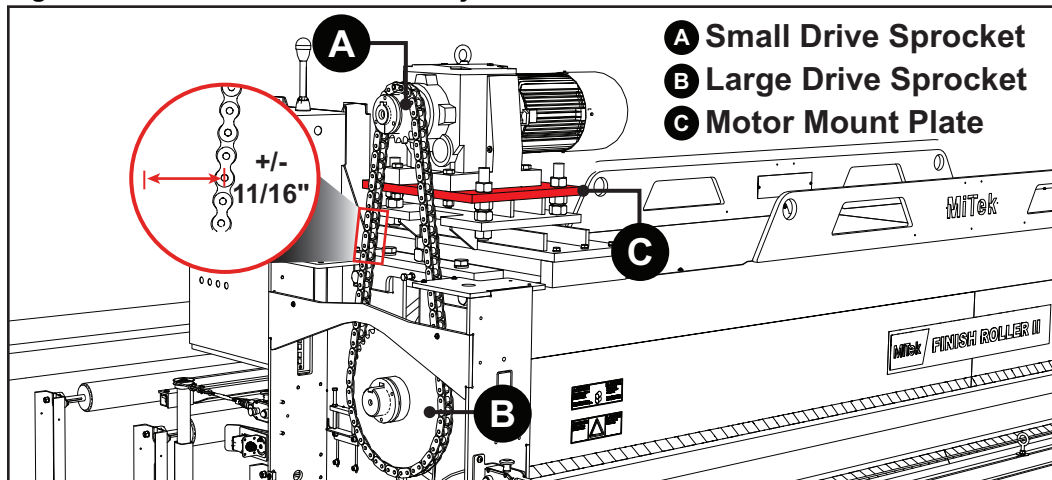
Standard hex key set  
Standard combination wrench set  
Standard socket wrench set with extension

### Tensioning the Drive Chain

The motor mount plate, shown in red in Figure 5-11, moves the gearmotor and small drive sprocket up and down to adjust drive chain tension. Check the drive chain tension every week at approximately halfway between the small drive sprocket and large drive sprocket. Tension it according to Figure 5-11.

The drive chain may lose tension over time. If the chain is not tensioned properly, adjust the motor mount plate using the nuts on the threaded rods. Make sure that the motor mount plate is level after adjustment.

Figure 5-11: Drive Chain Tension Adjustment



- A** Small Drive Sprocket
- B** Large Drive Sprocket
- C** Motor Mount Plate



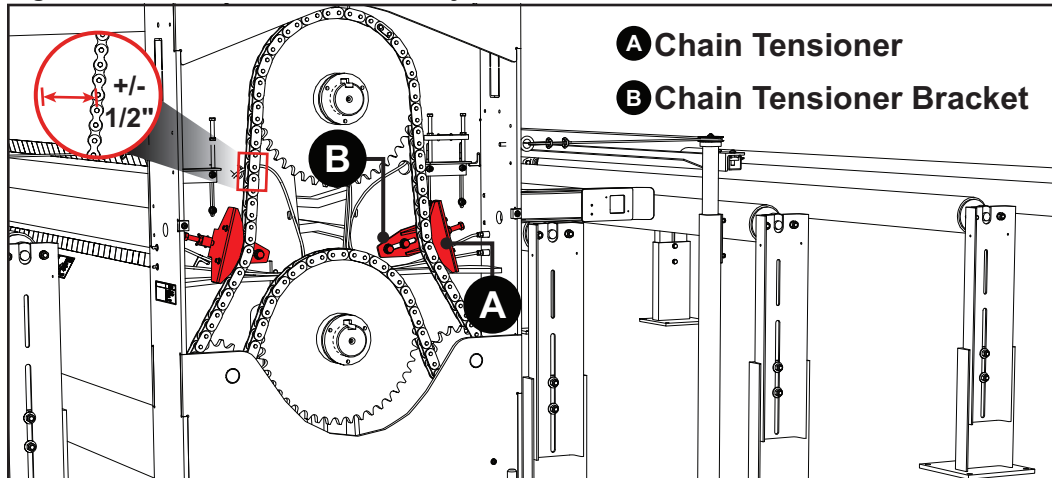
- 1-7/8" wrench
- Level
- Standard hex key set

### Tensioning the Idler Chain

The idler chain tensioners and brackets, shown in red in Figure 5-12, move in and out to adjust idler chain tension. Check the drive chain tension every week at approximately halfway between the chain tensioner and the top large sprocket. Tension it according to Figure 5-12.

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Figure 5-12: Idler Chain Tension Adjustment



- A** Chain Tensioner
- B** Chain Tensioner Bracket



- Standard hex key set
- Standard combination wrench set
- Standard socket wrench set with extension