



Tube Belt Replacement

File Document Number: 60-TBLT-0001

Revision: 1.0

January 3, 2023



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1. Purpose

Provide instructions on replacing a tube belt.

2. Equipment and Materials

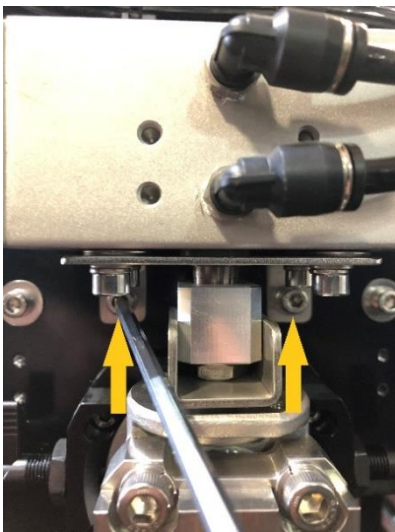
#	Item No.	Item Name	Figure	QTY
1.	49-BELT-0002	Belt		1
2.		4mm Allen key		1
3.		3mm Allen key		1

3. Tube Belt Replacement

1. Locate the paste supply valve at the front of the MDS carriage.



2. Unscrew the two marked bolts using the 4mm Allen key.

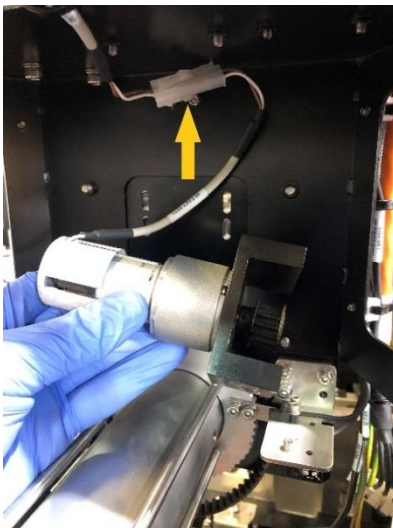


3. Put the valve aside to reveal the four bolts behind it.
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4. Unscrew the four marked bolts using the 3mm Allen key while supporting the tube motor at the other side of the bracket.



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5. Once the motor is free of its bracket, remove the belt from the sprocket, and then disconnect the motor Molex connector.



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- Put the motor aside.



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- Disconnect the paste level sensor and the air supply hose.



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- Remove the old belt and install the new one.
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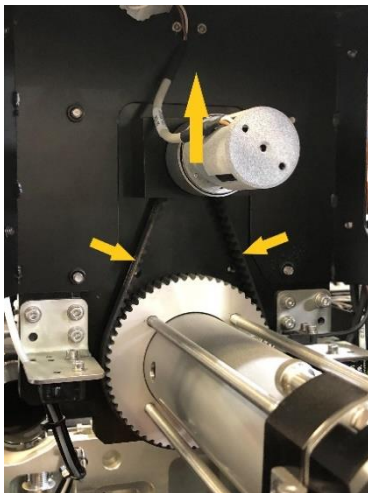


NOTE: The tube holder can be rotated by hand if the belt is locked.



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- Reinstall the motor assembly to the carriage. Firmly push the motor upwards while tightening the mounting bolts to put the belt under tension.

Test the tension by pressing and pulling the belt as shown – the belt slack should only be a few millimeters at the correct tension.



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- Reconnect the Molex power connector.
 - Reinstall the paste valve.
 - Test the motor function by turning it on manually using the GUI.
 - End of procedure.
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4. Revision History

Date	Comments	Revision
January 3, 2023	First Release	1.0