



REPLACING THE PRESSER FOOT

Technical Guide

ZSK Embroidery Machines · Service Documentation

Replacing the Presser Foot

1. Required Tools

Tool No. 601 001 844

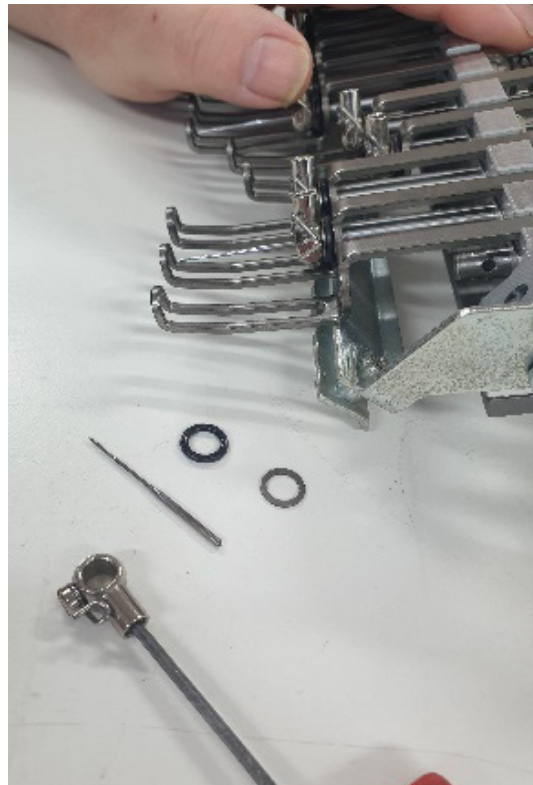
- 2 mm Allen key
- 3 mm Allen key

Tweezers may be helpful.



2. Remove Needle and Needle Clamp

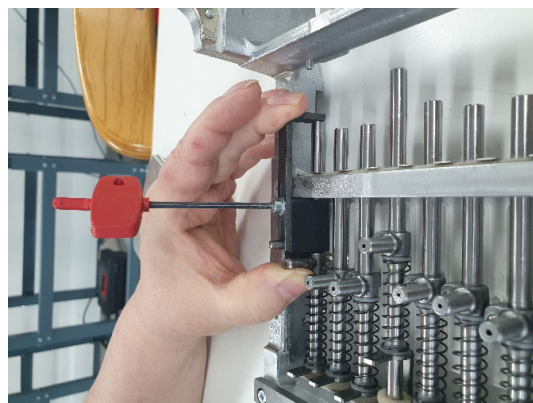
Remove the needle, needle clamp, thrust washer, and O-ring from the needle bar on which you want to replace the presser foot.



3. Set Up the Tool

Turn the needle assembly around and place the block with the guide groove onto the needle bar so that it sits between the needle bar driver and the cross-bar of the needle assembly.

Push the needle bar upward over the driver so that the tool block is clamped between the driver and the needle assembly.



Loosen the screw in the tool, slide the bracket down against the top edge of the needle bar, then tighten the screw.

The distance between the driver and the top edge of the needle bar is now stored in the tool.

Watch Out

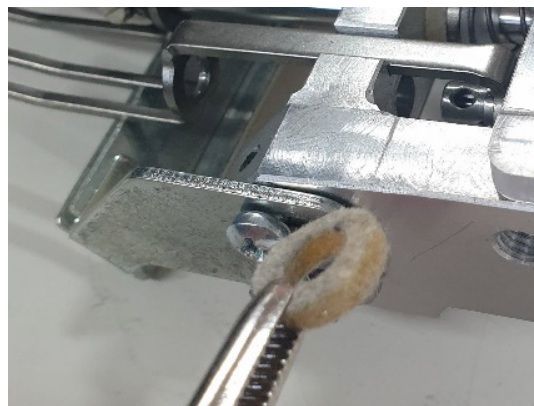
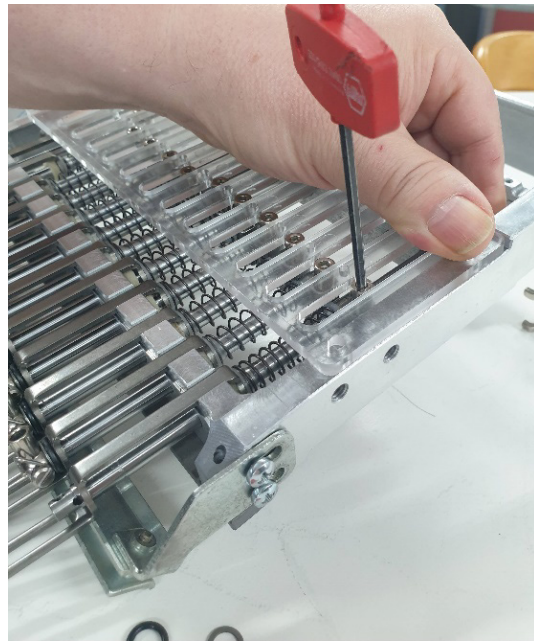
The measured value is valid only for this specific needle bar and cannot be transferred to other needle bars due to manufacturing tolerances.

4. Release the Needle Bar

Turn the needle assembly back around.

Loosen the screw in the driver and push the needle bar upward.

The lubrication ring located between the presser foot and the needle assembly is then removed.



5. Replace the Presser Foot

Slide the needle bar upward to access the old presser foot and replace it with the new one.

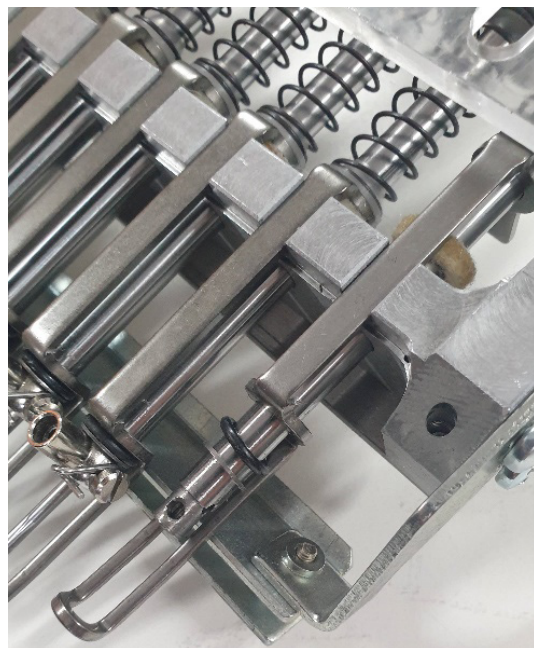
When pushing the needle bar back down, reinsert the lubrication ring.



6. Install O-Ring and Thrust Washer

Slide the O-ring and thrust washer back onto the needle bar.

The needle bar should be oriented so that the hole for the clamping screw faces upward.



7. Insert and Align the Needle Clamp

The needle clamp can now be placed back onto the needle bar.

Always insert a needle into the needle bar.
Never tighten the clamping screw without a needle in the needle bar.



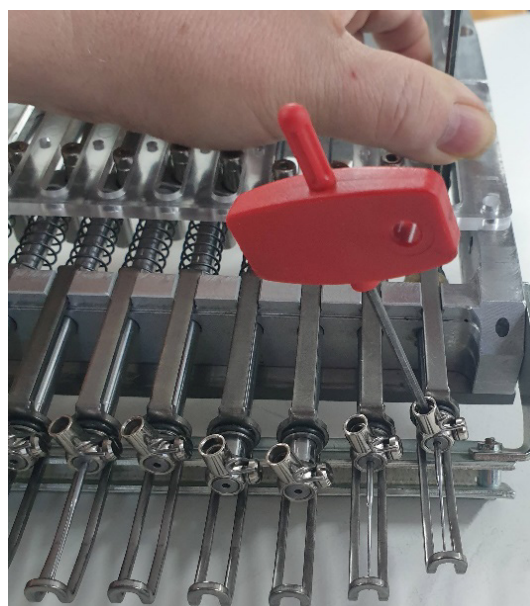
Watch Out

Tightening the clamping screw without a needle can damage the bore and cause irreparable damage to the needle bar.

Before retightening the screw in the driver, rotate the needle bar via the needle clamp to match the same angle as the adjacent needle.

Reinsert the tool with the stored measurement (Step 3). Press the needle bar upward against the bracket with one hand while clamping the block between the needle assembly and the driver with the other.

Hold the bracket with your index finger while pressing the driver upward via the Allen key with your thumb to clamp the block in position.



Tip

The measured value (Step 3) is valid only for that specific needle bar. When replacing multiple presser feet, repeat the process individually for each needle bar.