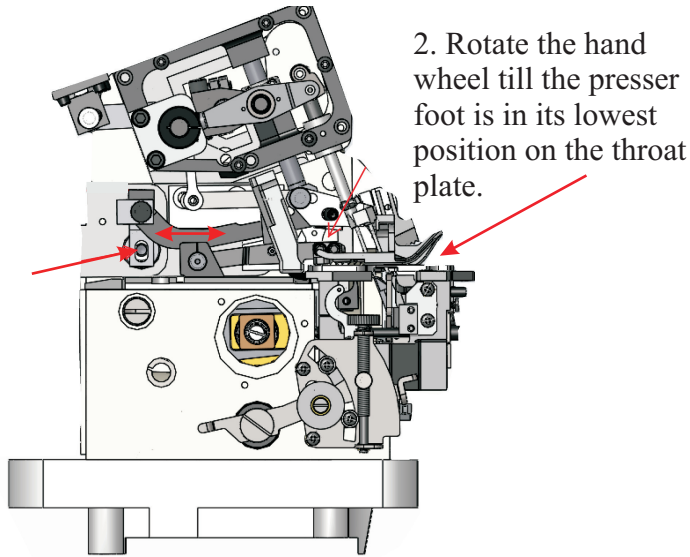


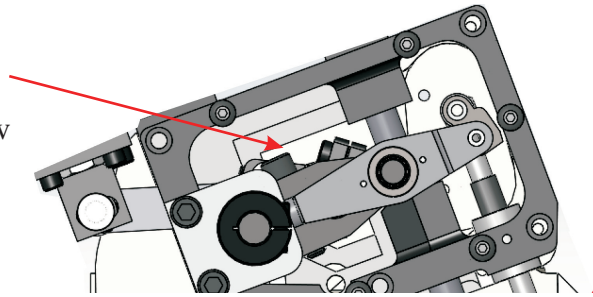
# Porter 2002 Feed Mechanism Adjustments

1. Disconnect the main air supply.

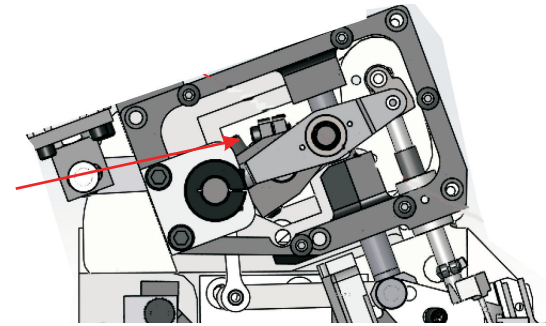
3. Loosen the screw (with cupped washers) and adjust the presser foot until it is parallel to, and flat on the throat plate, and at the same time position the presser foot arm front to back so there is no interference with the needle bar and cutter holder.



4. You won't be able to get an allen wrench on the crank arm cap screw at this point, so ...



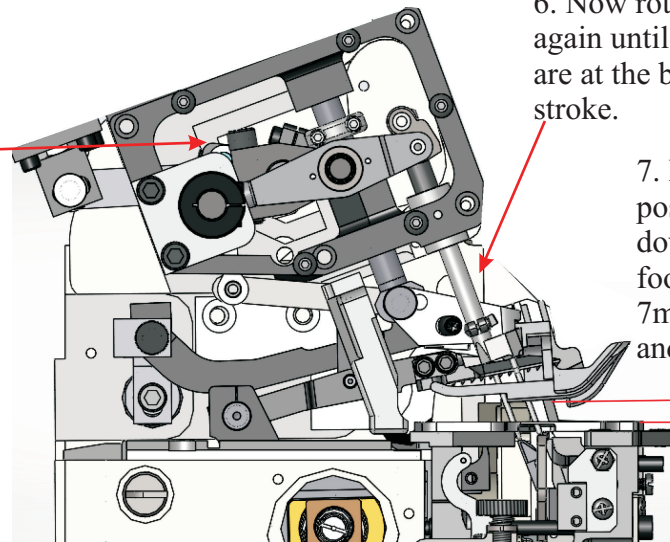
5. Rotate the hand wheel until you can get an allen wrench on the cap screw, and loosen it slightly, keeping enough friction on the shaft so that it will still move the crank but allow you to rotate the crank on the shaft slightly by hand.



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6. Now rotate hand wheel again until the needle bars are at the bottom of their stroke.

8. Now rotate the hand wheel again until you can again access the cap screw on the crank arm, and tighten it securely.



7. Hold the hand wheel in this position with the needles down, and move the presser foot up till you can slide a 7mm allen wrench between it and the throat plate.

7mm

Note: The slight friction on the crank will allow it to slip on the shaft when you move the presser foot up or down while maintaining the needle bars in their down position.

9. Rotate the hand wheel completely making sure that there's no interference between any of the parts, the presser foot sits flat on the throat plate in its down position, and then rises to a gap of 7mm when the needle bars are all the way down.