

Tools needed:

Flathead screwdriver for removing the needle plate on your machine.

The Accustitch kit for domestic sewing machines box includes the following parts:



Photo sensor Accustitch regulator plate and Motion controller



Single switch foot pedal



Foot pedal adapter cord



USB power adapter and USB power cord

Installation procedure:

STOP, please make certain you have one of the following sewing machine models and that the label on your box matches your machine.

Brother 1300, Brother 1500, Babylock Accomplish, HandiQuilter HQ Stitch 510, Janome 1600, JUKI TL98-E, JUKI TL98 Q, JUKI TL98 QE, JUKI TL-2000Qi, JUKI TL-2010Q, JUKI QVP2200 Mini, JUKI TL-2020PE, Pfaff GrandQuilter, Singer S16*, Viking Mega Quilter*

1. DISCONNECT THE MACHINE FROM THE 120V POWER SOURCE
2. Remove the two screws holding the needle plate/throat plate and remove the plates.
3. Detach the throat plate from the needle plate by unscrewing the small piece of spring steel between the plates.
4. Maintain the pin retaining plate on the bottom of your needle plate as shown in figure A.

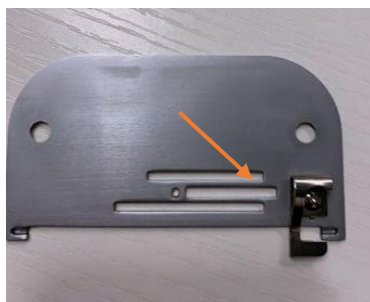


Figure A

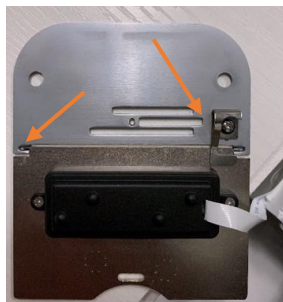


Figure B



Retaining plate for Juki models



Accustitch installed correctly

5. Attach the Accustitch sensor plate by inserting the pivot pins into the notches provided in the needle plate and under the retaining plate as shown in figure B. **Note:** On Juki models use the retaining plate provided, as shown above.
6. Install this new Accustitch assembly back onto the machine using the original two flat head screws to secure the needle plate. The original throat plate will be replaced by the new sensor plate.

7. Install the Cruise control motion controller by peeling off the paper from the double-sided adhesive dots on the back of the controller and pressing onto the back side of your machine.
8. Secure communication ribbon cable by peeling paper off the ribbon and carefully pressing the ribbon into location making sure ribbon will not get pinched or damaged.
9. Unplug your standard foot pedal.
10. Plug one end of the foot pedal adapter cord into the foot pedal port of your machine.
11. Plug the other end of the foot pedal adapter cord into the motion controller uppermost port.
12. Plug the single switch foot pedal into the motion controller lowest port.
13. Plug the micro USB power supply cord into the motion controller middle port.
14. Plug the other end of the power supply cord into the USB power adapter.
15. Plug the power adapter into a surge protector.
16. Lower your feed dogs.
17. Replace your standard shank foot with a free motion foot.



To start using the Accustitch:

1. Power on your surge protector to power up the Accustitch.
2. Wait 10 seconds then power up your sewing machine.
3. Raise the presser foot.
4. Position your quilt sandwich under the presser foot.
5. Lower the presser foot.
6. Depress the new foot pedal. Keeping your foot on the foot pedal, start to move the fabric. The needle will start stitching.
7. Remove your foot from the foot pedal to stop stitching.
8. If you'd like smaller or larger stitch lengths, move the slider on the motion controller to change length of stitch.



To switch back to regular sewing:

1. POWER OFF YOUR MACHINE
2. Unplug the Accustitch USB power supply from surge protector.
3. Unplug pedal adapter cord from machine
4. Plug your original analog foot pedal into the machine.
5. Turn your machine back on.
6. Raise your feed dog.
7. Replace your standard foot.
8. Start sewing as normal.

Manufactured by ABM International, Inc.
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Proudly made in the USA
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