



Artistic Quilter SD-16

User Manual

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Safety Section

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Please note: Do not operate your Artistic Quilter SD-16 quilting machine until you have completely read the information contained in this manual. Please keep all packaging and order information for warranty purposes.

IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this machine.

When using this machine, basic safety precautions should always be followed, including the following:

DANGER — To reduce the risk of electric shock:

A quilting machine should never be left unattended when plugged in. Always unplug the machine from the electrical outlet immediately after using and before cleaning.

WARNING — To reduce the risk of burns, fire, electric shock, or injury to persons:

- The Artistic Quilter SD-16 is heavy. Never attempt to lift it alone. Always use two people when lifting. Always lift from the throat of the machine, not from the handlebars.
- Always unplug the Artistic Quilter SD-16 from the electrical outlet when performing any maintenance, changing the needle, removing thread locks, or when left unattended.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Keep fingers away from all moving parts. Use caution around the needle or sharp external components.
- Change the needle often. Do not use bent or dull needles. "Every quilt deserves a new needle".

- Switch the machine to the symbol off, or 0, position to turn it off when making any adjustments in the needle area, such as threading needle, changing needle, threading bobbin, changing hopping foot, and so forth.
- Never drop or insert foreign objects into any opening.
- The Artistic Quilter SD-16 should only be used indoors away from moisture.
- The Artistic Quilter SD-16 should not be stored or used in extreme temperatures.
- Use the Artistic Quilter SD-16 only for its intended use as described in this manual.
- To disconnect from the wall outlet, push the switch to the off position, then remove the plug from outlet pulling from the plug, not the cord. Never operate the Artistic Quilter SD-16 if the cord is damaged or not working correctly. If a mechanical or electrical problem is encountered, return the Artistic Quilter SD-16 to the nearest authorized service center or the manufacturer for examination, repair, electrical, or mechanical adjustment.
- It is not recommended that the Artistic Quilter SD-16 quilting machine be used with any machine quilting frame other than those recommended by Artistic.
- Use this quilting machine only for its intended use as described in this manual. Use only attachments recommended by the manufacturer as contained in this manual.
- Never operate the machine with any air openings blocked. Keep ventilation openings of the machine free from the accumulation of lint, dust, and loose cloth.
- Do not operate where aerosol (spray) products are being used or where oxygen is being administered.
- Do not pull or push the fabric excessively while stitching. It may deflect the needle enough to cause it to break.
- Use only needles designed for free motion quilting and recommended by Artistic for this machine. Other types of needles may be break during normal quilting.
- Children shall not play with the machine. Close attention is necessary when this machine is used by or near children.

- This sewing machine may be used by children age 8 years and above and persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the machine in a safe way and understand the hazards involved.
- Cleaning and user maintenance shall not be made by children without supervision.

Save these instructions.

This machine is intended for household and commercial use.

Disclaimer

Artistic and its Representatives are in no way legally responsible or liable for damage to the Artistic Quilter SD-16 when used improperly or not in accordance with the guidelines stated in this manual or when used on machine quilting frames not recommended by Artistic.

To use the machine safely

Carefully watch the needle when sewing. Do not touch the hand wheel, take up lever, needle, or other moving parts.

Turn the machine off and unplug the cord in the following cases: when you have stopped using the machine when you replace or remove the needle or any other part when you check or clean the machine when you leave the machine unattended

Connect the machine directly to the wall outlet or to a surge protector that connects directly to the wall outlet. Do not use extension cords.

To increase the life of your machine

Do not store this machine in areas exposed to direct sunlight or high humidity. Never use or store the machine near a heater, an iron, a halogen lamp or other hot things.

Use only neutral soaps or detergents to clean the machine. Benzene, solvents and scouring powders can damage the case and the machine and therefore should never be used.

Do not drop or bump the machine.

Always consult the manual to replace or fix the hopping foot, needle or any other part of the machine. If necessary contact an authorized Artistic representative or Artistic technical support.

Quick Facts

The Artistic Quilter SD-16 utilizes high-tech electronics and an innovative touch-pad user interface to offer greater functionality and ease of operation to home quilters than ever before conceived in the quilting industry. The Artistic Quilter SD-16 quilting machine is a high quality machine that incorporates very robust design features and is very easy to service.

Throat Dimensions: 8.25" X 16" (245 mm X 610 mm)

Quilting Speed: Maximum: 1800 SPM

Needle System: 134 (135 X 7)

Needle Sizes: 12/80 - 20/125

Hook System: Rotary, Horizontal axis, M-class bobbin

Bobbin Type: Aluminum, Class M

Bobbin Case: Type MF

Motor Type: Brushless DC

Needle Positioning: Up and down, tieoff stitch

Electrical Power:

US/Canada: 105 – 120 VAC, 47-63Hz, 300W peak

Rest of world: 100 – 250 VAC, 47-63Hz, 300W peak

*Tested and certified to UL 1594 and CSA 22.2 #68 as well as international standards for sewing machine safety.

LED Power Consumption: 2.25W

Hopping Foot Stroke/Lift: 5mm

Foot Pedal: Model QT00745 Only

Needle Bar Stroke: 35.3 mm

Take-Up Stroke: 73 mm

Lubrication, main components: Kluber Lube, permanent

Lubrication of hook: Velocite 10, Texaco 22

Disclaimer

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Consignes de sécurité

Cet appareil est conforme à la partie 15 de la réglementation de la FCC. Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas causer d'interférences nuisibles, et

(2) cet appareil doit accepter toute interférence reçue, y compris les interférences pouvant provoquer un fonctionnement indésirable.

Veuillez noter : n'utilisez pas votre machine à quilter AQ SD-16 avant d'avoir lu entièrement les informations contenues dans ce manuel. Veuillez conserver tous les emballages et les informations de commande à des fins de garantie.

CONSIGNES DE SÉCURITÉ IMPORTANTES

Lisez toutes les consignes avant d'utiliser la machine. Lorsque vous utilisez cette machine, vous devez toujours prendre des précautions de sécurité de base, notamment ce qui suit :

DANGER — Pour réduire le risque de choc électrique : Une machine à quilter ne doit jamais être laissée sans surveillance lorsqu'elle est branchée. Débranchez toujours la machine de la prise électrique immédiatement après usage et avant de la nettoyer.

AVERTISSEMENT — Pour réduire le risque de brûlures, d'incendie, de choc électrique ou de blessures :

- La AQ SD-16 est très lourde. Ne jamais tenter de la soulever seul. Utilisez toujours deux personnes pour la soulever. Soulevez toujours la machine à partir de la gorge, non pas à partir des poignées.
- Débranchez toujours la AQ SD-16 de la prise électrique lors des travaux d'entretien, du changement d'aiguille, de la suppression des blocages de fil, ou lorsqu'elle est laissée sans surveillance.
- Ne pas débrancher en tirant sur le cordon. Pour débrancher, saisir la fiche, non le cordon.
- N'approchez pas les doigts des parties mobiles. Faites preuve de prudence lorsque vous vous approchez de l'aiguille ou de composants externes tranchants.
- Changez souvent d'aiguille. N'utilisez pas d'aiguilles tordues ou émoussées. « Chaque quilt mérite une nouvelle aiguille ».
- Mettez la machine sur la position 0 ou de symbole d'arrêt pour l'éteindre lorsque vous effectuez des réglages dans la zone de l'aiguille : enfilage de l'aiguille, changement d'aiguille, bobinage de la canette, changement de pied, etc.
- Ne faites jamais tomber et n'insérez jamais d'objets étrangers dans une ouverture.

- La AQ SD-16 doit être utilisée uniquement à l'intérieur dans un endroit non humide.

- La AQ SD-16 ne doit pas être rangée ou utilisée à des températures extrêmes.

- Utilisez la AQ SD-16 uniquement pour son usage prévu indiqué dans ce manuel.

- Pour débrancher la machine de la prise murale, mettez l'interrupteur sur arrêt, puis retirez la fiche de la prise en tirant à partir de la fiche et non du cordon. N'utilisez jamais la AQ SD-16 si le cordon est endommagé ou ne fonctionne pas correctement. En cas de problème mécanique ou électrique, renvoyez la AQ SD-16 au centre de service agréé le plus proche ou au fabricant pour inspection, réparation, ou réglage électrique ou mécanique.

- Il est déconseillé d'utiliser la machine à quilting AQ SD-16 avec un cadre de machine à quilter autre que ceux recommandés par Artistic.

- Utilisez cette machine à quilter uniquement pour l'usage prévu décrit dans ce manuel. Utilisez uniquement les accessoires recommandés par le fabricant décrits dans ce manuel.

- Ne jamais utiliser la machine si des ouvertures d'air sont bloquées. Gardez les ouvertures de ventilation de la machine exemptes d'accumulation de peluches, poussières et morceaux de tissu.

- Ne pas utiliser là où des aérosols (vaporisateurs) sont utilisés ou de l'oxygène est administré.

- Ne pas tirer ni pousser trop fort la machine sur le tissu lors de l'exécution des points. Cela pourrait provoquer une déviation de l'aiguille et entraîner la fracture.

- N'utilisez que les aiguilles conçues pour le quilting en piqué libre et recommandées par Artistic pour cette machine. D'autres types d'aiguilles risqueraient de se fracturer au cours d'un quilting normal.

- Ne pas laisser les enfants jouer avec la machine. Une attention particulière est nécessaire lorsque cette machine est utilisée par ou à proximité d'enfants.

- Cette machine peut être utilisée par des enfants de 8 ans et plus, ainsi que par des personnes atteintes d'un déficit physique, sensoriel ou mental, peu expérimentées ou ayant peu de connaissances, à condition que ces personnes reçoivent les instructions de sécurité et la supervision nécessaires à l'utilisation de la machine et qu'elles comprennent les risques encourus.

- Les travaux de maintenance et de nettoyage ne peuvent pas être effectués par des enfants sans supervision.

Conservez ces consignes.

Cette machine est destinée à un usage domestique et commercial.

Avertissement

Artistic et ses représentants ne sont en aucun cas juridiquement responsables des dommages causés à la AQ SD-16 lorsque celle-ci est utilisée de manière inadéquate ou non conforme aux consignes énoncées dans ce manuel ou lorsqu'elle est utilisée sur des cadres de machine à quiltier non recommandés par Artistic.

Pour utiliser la machine en toute sécurité

Surveillez attentivement l'aiguille lors de la couture. Ne touchez pas le volant, le levier de releveur, l'aiguille ou d'autres pièces mobiles.

Mettez la machine hors tension et débranchez le cordon dans les cas suivants : lorsque vous cessez d'utiliser la machine, lorsque vous remplacez ou retirez l'aiguille ou toute autre pièce, lorsque vous vérifiez ou nettoyez la machine lorsque vous laissez la machine sans surveillance.

Branchez la machine directement à la prise murale ou à un parasurtenseur qui se branche directement à la prise murale. Ne pas utiliser de rallonges.

Pour augmenter la durée de vie de votre machine.

Ne pas ranger cette machine dans des endroits exposés à la lumière directe du soleil ou à une forte humidité. Ne jamais utiliser ni ranger la machine à proximité d'un radiateur, d'un fer à repasser, d'une lampe halogène ou d'autres objets brûlants.

Utilisez uniquement des savons ou détergents neutres pour nettoyer la machine. Le benzène, les solvants et les poudres à récurer peuvent endommager le boîtier et la machine et ne doivent donc jamais être utilisés.

Ne pas faire tomber ou cogner la machine.

Consultez toujours le manuel pour remplacer ou réparer le pied, l'aiguille ou toute autre pièce de la machine. Si nécessaire, contactez un représentant Artistic agréé ou l'assistance technique Artistic.

Spécifications

La AQ SD-16 utilise de l'électronique de pointe et une interface utilisateur innovante à base de pavé tactile afin d'offrir aux quilleuses à domicile un niveau de fonctionnalités et une facilité d'utilisation inégalés dans l'industrie du quilting. La machine à quiltier AQ SD-16 est une machine de grande qualité qui intègre des fonctions de conception très robustes et qui est très facile à entretenir.

Dimensions de la gorge: 245 mm X 610 mm (8,25" X 16")

Vitesse de quilting: Maximum : 1500 PPM

Système d'aiguille: 134 (135 X 7)

Tailles d'aiguille: 12/80 - 20/125

Système de crochet: Rotatif, axe horizontal, canette de classe M

Type de canette: Aluminium, classe M

Boîtier de canette: Type MF

Type de moteur: Sans balais à c.c.

Positionnement de l'aiguille: En haut et en bas, point d'arrêt

Alimentation électrique :

États-Unis/Canada*: 105 – 120 V c.a., 47-63 Hz, crête de 300 W

Reste du monde: 100 – 250 V c.a., 47-63 Hz, crête de 300 W

* Conforme aux certifications internationales

Consommation électrique de l'éclairage LED: 2,25 W

Course / Levée du pied: 5 mm

Pédale: Modèle QT00745 Seulement

Course de la barre d'aiguille: 35,3 mm

Course du releveur: 73 mm

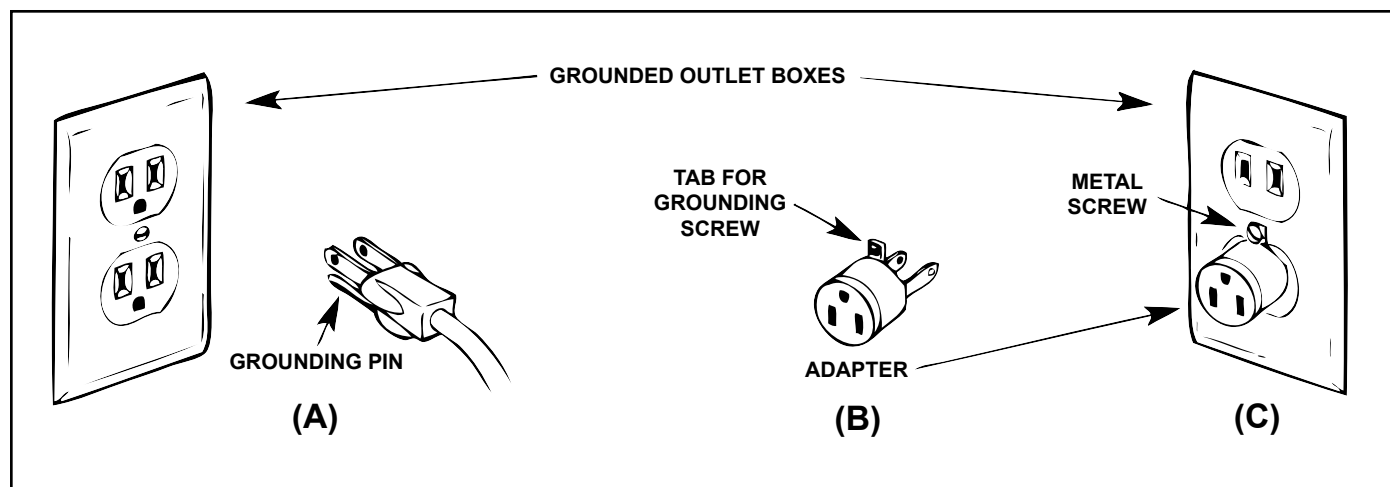
Lubrification, principaux composants: Lubrifiant Kluber, permanent

Lubrification du crochet: Velocite 10, Texaco 22

Avertissement

Artistic et ses représentants ne sont en aucun cas juridiquement responsables des dommages causés à la AQ SD-16 lorsque celle-ci est utilisée de manière inadéquate ou non conforme aux consignes énoncées dans ce manuel ou lorsqu'elle est utilisée sur des tables de machine à quiltier non recommandées par Artistic

Optional U.S. Grounding for Customers with 120 VAC Connections



This product is for use on a nominal 120 V or nominal 220 V circuit, and has a grounding plug that looks like the plug illustrated in sketch A above. A temporary adapter, which looks like the adapter illustrated in sketches B and C, may be used to connect this plug to a 2-pole receptacle as shown in sketch B if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet can be installed by a qualified electrician. The green colored rigid ear, lug, and the like, extending from the adapter, must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used, it must be held in place by the metal screw.

➡ **IMPORTANT:** In Canada, the use of a temporary adapter is not permitted by the Canadian Electric Code.

To repair or adjust the machine

If the machine breaks down or needs adjustment, first check the troubleshooting chart in the appendix to inspect and adjust the machine yourself.

For more product information and updates, visit our website at www.artisticcreativeproducts.com.

The contents of this manual and product specifications are subject to change without prior notice.

Artistic Quilter SD-16 Accessories Included in the box:

- TruStitch Stitch Regulator
- Table Overlay (in table box)
- Lint brush
- Bobbins (4 pieces)
- Needle (134 R) size 16 (pack of 10)
- Needle (134 R) size 18 (pack of 10)
- Bobbin Case
- Thread stand and thread mast
- Pen Oiler
- Screwdriver (for bobbin case)
- Power Cord
- 2 mm hex tool
- 3 mm hex tool
- 8 mm wrench
- 3/32" hex tool
- Open-toe foot (Ruler foot installed)
- Bobbin Winder and accessories
- User manual
- Sample Thread Pack

Artistic Quilter SD-16 Components

Front Side View

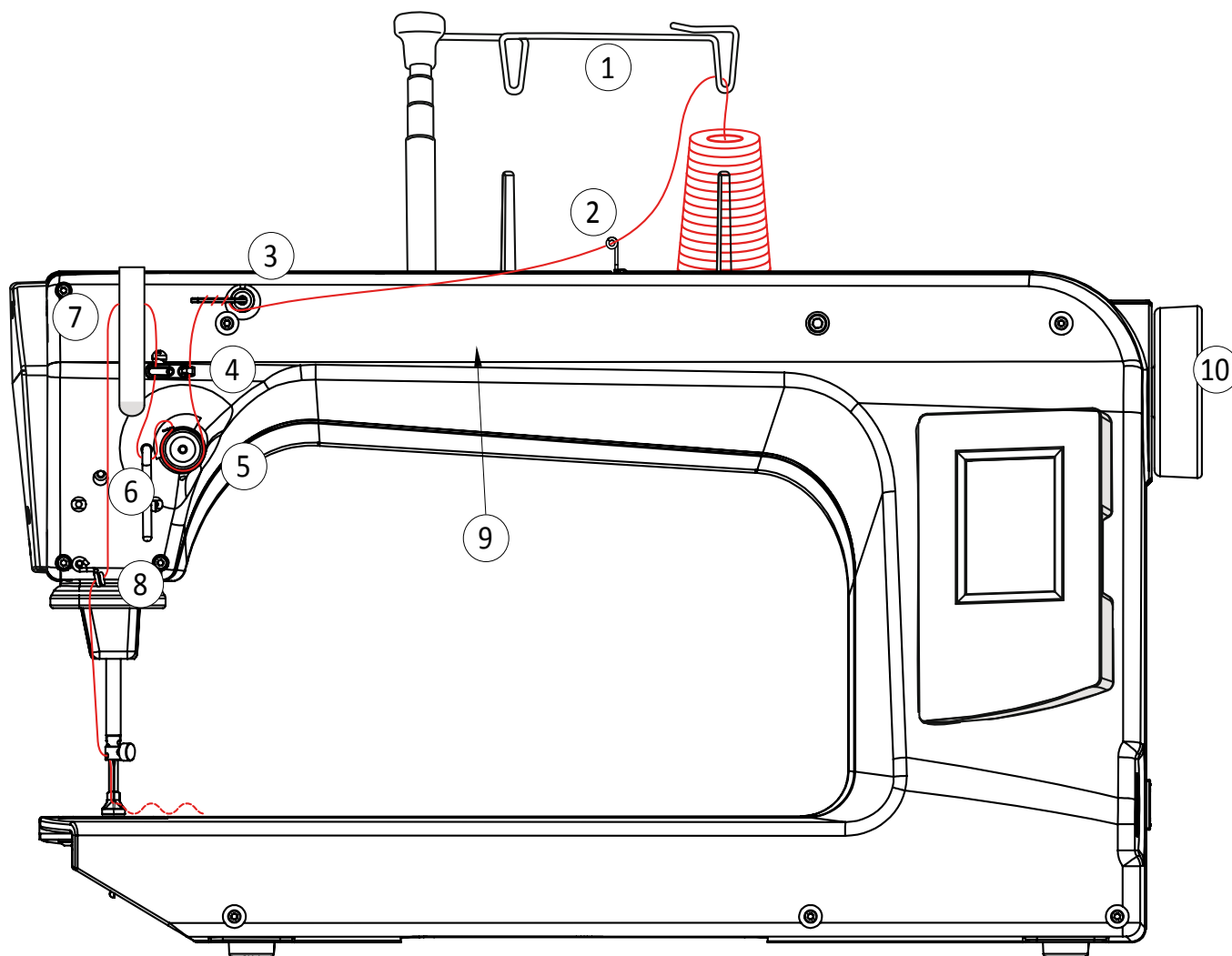


Figure 1

1. Thread Mast
2. Thread Guide A
3. Three-Hole Thread Guide B
4. Thread Guide C
5. Top Thread Tension Assembly
6. Stirrup Thread Guide E
7. Take-Up Lever
8. Thread Guide F
9. Front Casing/Frame
10. Hand Wheel

Components Not Identified

Because the Artistic Quilter SD-16 is upgradeable to a stand-up frame quilting system, there are components found on the machine that are not used for sit-down machine quilting (such as threaded holes for handlebars).

Back Side View

- 11. Needle Bar
- 12. Needle Bar Thread Guide
- 13. Needle
- 14. Ruler Foot
- 15. Needle Plate
- 16. Feet mount
- 17. Presser Bar

- 18. Take-up Lever Guard
- 19. Back Casing/Frame
- 20. Threaded Horizontal Spool Pin Mounting Hole

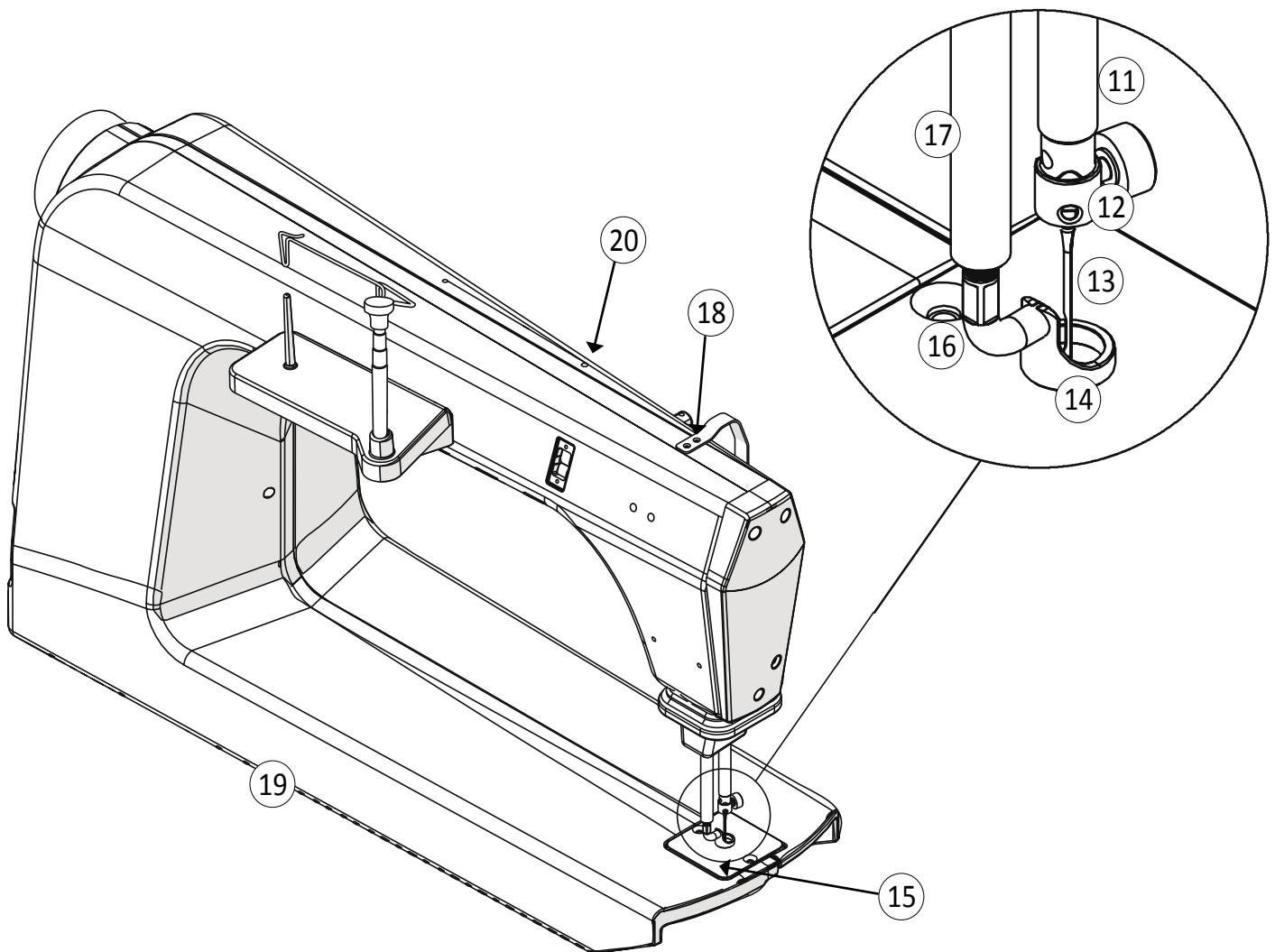


Figure 2

Rear and Front Views

- 21. On/Off Switch
- 22. Power Cord Connector
- 23. Foot Pedal Connector
- 24. Spool Pins

- 25. Fuse
- 26. Bobbin Assembly
- 27. LED Light Ring

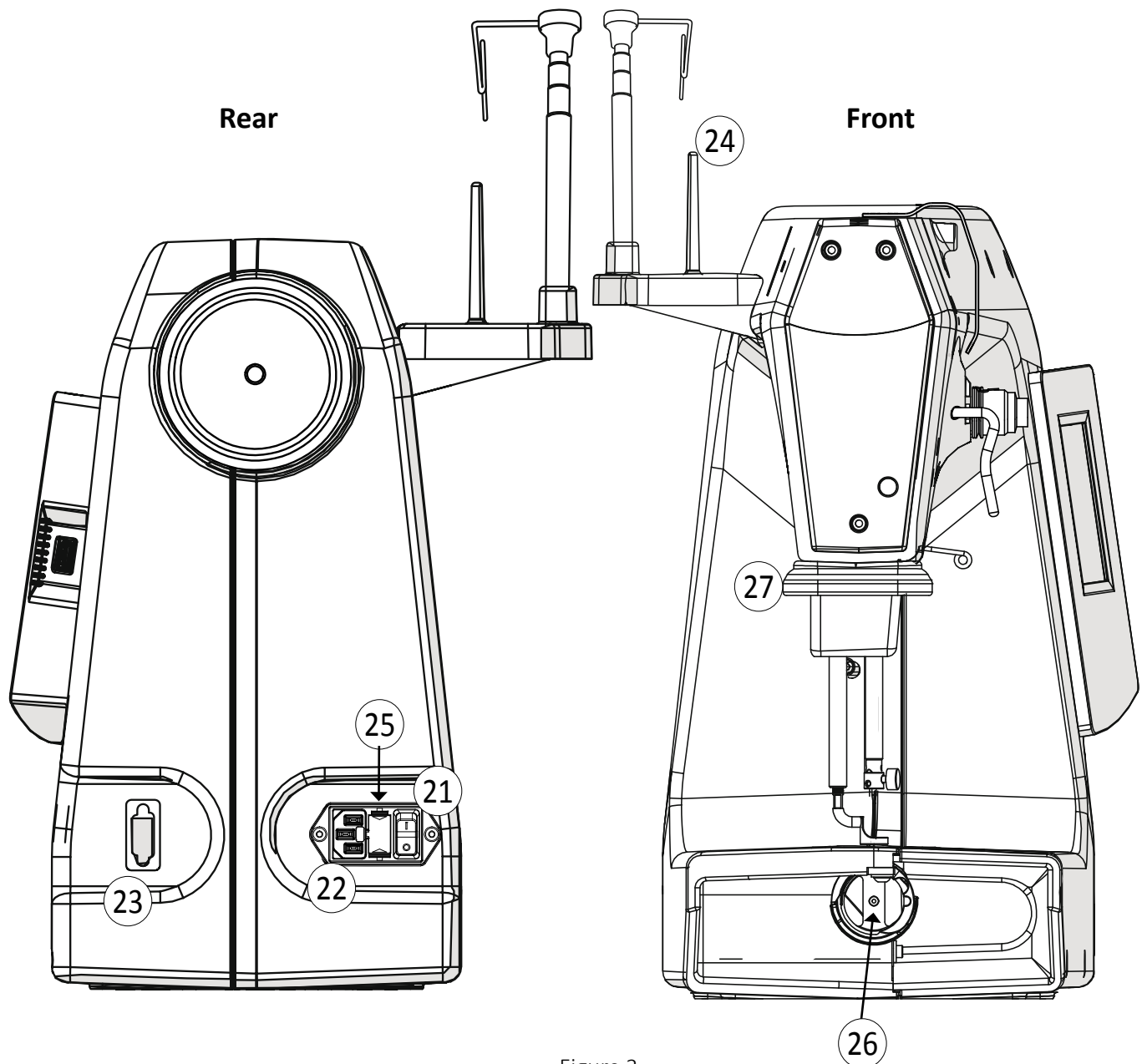


Figure 3

Setting Up the Table (and Taking it Down for Storage)

The Artistic Quilter SD-16 table has been designed to accommodate the Artistic Quilter SD-16 machine. It has folding legs that are height-adjustable and is heavy enough to provide stabilization for quilting at high speeds.

1. Open the box and gently remove the table, taking care not to drop the table on the floor. The table weighs nearly 50 pounds, so it is recommended that you ask someone to help.
2. Unfold the legs, pulling on the horizontal braces until the legs snap into place. Set the table upright.
3. Make the table taller by pinching the two height-adjustment tabs on each set of legs and lifting on table, while holding legs down with foot. Make the table shorter by pinching the same tabs and pushing down on the table.
4. To store the table, remove machine and return legs to their lowest position.
5. The legs are attached to the table top with brackets of two different sizes. One is longer than the other. Identify the long and the short leg brackets.
6. Fold in the short bracket leg first. Push on the horizontal braces to loosen the legs and push them back toward the table top.
7. Repeat with the long bracket leg.

Placing the Machine in the Table

1. We recommend having someone help lift and place the machine.
2. Lift the machine by putting one arm through the throat space.
3. Guide the machine from the back of the table into the slot. Machine is positioned correctly when the back of the machine is flush with the back of the table.

Installing the Foot Pedal

1. Plug in the foot pedal cord end into the foot pedal connector (see page 11, **Figure 3**, #27).
2. Place the foot pedal under the table where operator can reach it from the front of the machine.

Installing the Power Cord



Figure 4

Check that the On/Off switch (page 11, **Figure 3**, #24) is turned off (the 0 setting). Plug the power cord into the top power outlet on the back of the machine (**Figure 4**). Do not plug the power cord into a power source at this time.

Artistic Quilter Table Overlay Installation Instructions

1. Remove the protective cover from the tape on one side only of the table overlay.
2. Slide the table overlay (with the tape-side down) under the Artistic Quilter hopping foot and align the overlay while holding up the side with the exposed tape.
3. When the overlay is in position, press down the side of the overlay with the exposed tape, making sure the overlay is still positioned properly.
4. With one side attached to the table, lift the opposite side of the overlay and remove the protective cover from the tape. Press down to attach to the table.
5. Repeat with the tape at the front of the overlay.
6. Ensure the overlay is securely attached to the table, adjusting as needed.

NOTE: If the Artistic Quilter must be removed after the table overlay is installed, lift the machine upward at the back a couple of inches so the needle plate drops below the table overlay. Then proceed to pull out the Artistic Quilter from the back of the table.

Installing the Thread Mast

1. Locate the threaded hole on top of the machine near the rear by the hand wheel.
2. The thread mast comes with a washer and a nut. Remove the nut and washer, replace the nut onto the mast for two or three turns.
3. The washer protects the painted surface when the nut is tightened. Place the washer on the hole and insert the thread mast.
4. Turn the thread mast clockwise several revolutions, stopping when the mast eyelets are positioned directly over the spool pins.
5. Tighten the nut to secure the mast to the machine.

Note: The eyelets of the thread mast MUST be centered over the spool pins. This ensures that the cone of thread will not pull, turn or tilt, which will cause thread tension problems (see **Figure 5**).



Figure 5

Inserting (or Changing) the Needle

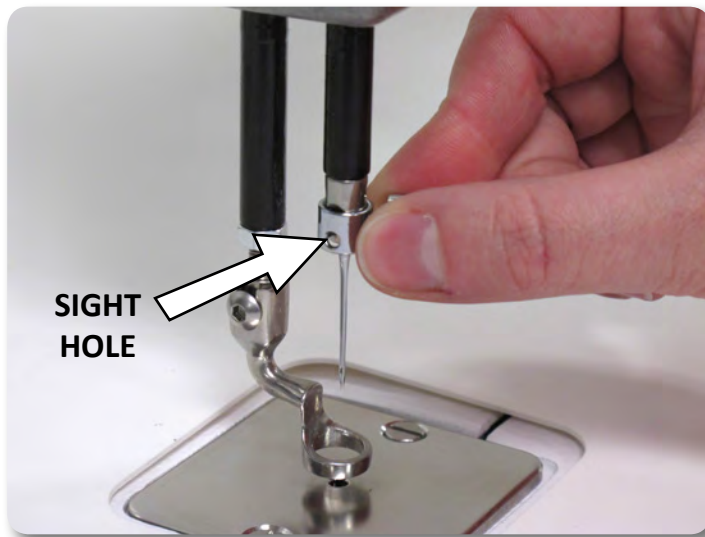


Figure 6

The needle that is in the machine when it arrives at your home has been used for 20 minutes of testing. It is possible that it could be damaged in shipping or as you remove the machine from the box. For these reasons, Artistic recommends that you replace the needle before beginning to quilt with your new machine.

1. Move the needle bar to the highest position by turning the hand wheel.
2. Confirm that the power is off and that the machine is unplugged.
3. Loosen the needle-bar clamp thumb screw (see **Figure 7**) enough to assure that the needle can be inserted all the way up to the top of the sight hole.
4. With the scarf (small ground out section/dip on the back side of the needle just above the needle eye) facing the hand wheel end of the machine, and the long groove down the front of the needle facing the bobbin case side (see **Figure 6**), push the needle all the way up into the needle bar – until it can go no further. Look into the sight hole to verify that the butt of the needle reaches the top of the sight hole.
5. Carefully tighten the thumb screw. Over-tightening the thumb screw will result in damaged threads or stripping of the screw hole. Stripped holes are not covered under warranty. To avoid over-tightening the screw, finger-tighten only.

Note: Changing the needle is recommended for each new quilt loaded on the machine or any time the needle becomes bent, dull or burred.

Needles are inexpensive and are important to the success of your project. Plan to change needles every 5-7 hours of quilting or more often if working with a lot of fusibles or heavy materials.

Needle/Thread Selection Guide

Needle Size	Threads
12 (80)	Monofilament, 100 wt. Silk, 60 wt. poly, mylar
14 (90)	Silk (100 wt) 60 wt., monofilament, glitter, some metallics
16 (100)	60 wt., 50 wt., 40 wt., monofilament, glitter, metallics
18 (110)	50 wt., 40 wt., 30 wt., metallic
20 (120)	30 wt., 20 wt., 12 wt.

CAUTION: Your Artistic machine stitches at a much faster speed than your home sewing machine. Therefore it is essential that the needle is firmly seated in the needle bar and fully tightened (but not over tightened). Check often that the needle has not become loose. If the needle comes loose, it could break in the machine causing damage, throw off the machine's timing, or worse, cause bodily harm.

Changing the Hopping Feet

Your machine comes with two hopping feet: a ruler foot and an open-toe foot. Use the ruler foot for ruler work and everyday quilting, and the open-toe foot when you need greater stitch visibility (such as micro quilting).

1. Remove the foot that is on the mount by using the 2.5mm Allen wrench to loosen the mounting screw far enough that you can slide the foot off of the mount.



Figure 7

2. Slide the desired foot onto the mount (**Figure 7**). Note that the opening on the side of the foot is lined up with the screw hole. Push the foot up as far as it will go.



Figure 8

3. Ensure the middle of the foot opening is centered with the needle when the foot is fully tightened with the 2.5mm Allen wrench. If it isn't properly centered, loosen the lock nut; center the foot with the needle; hold the foot in position; and firmly tighten the lock nut (**Figure 8**).

Threading the Machine

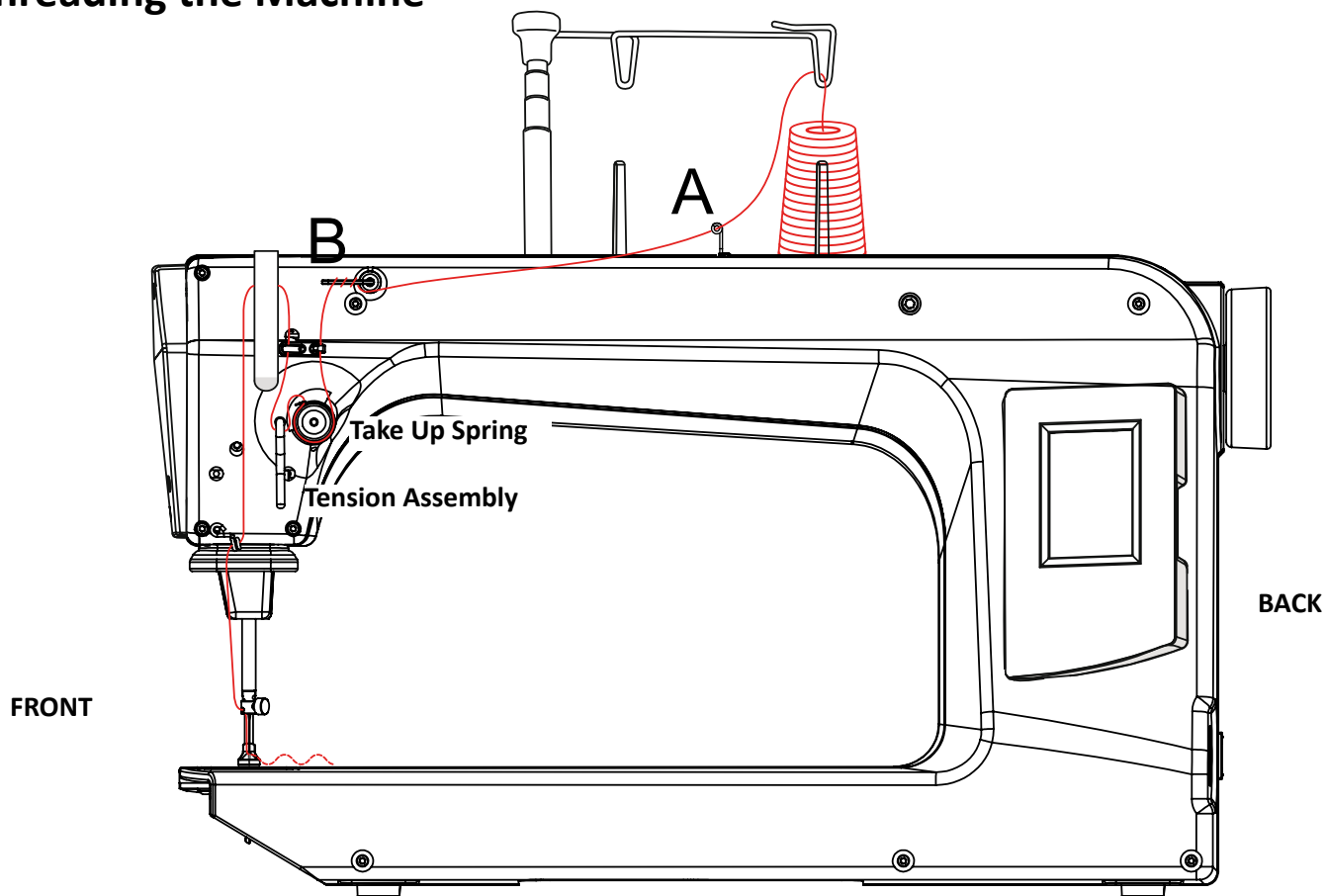
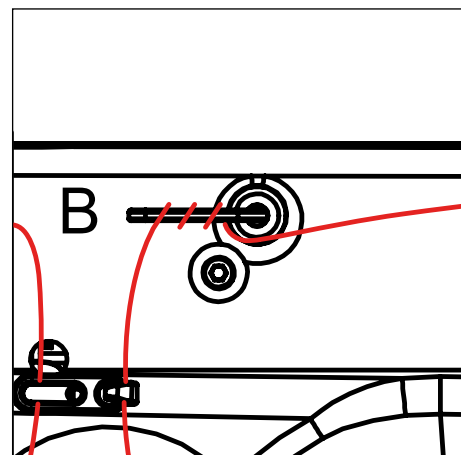


Figure 10

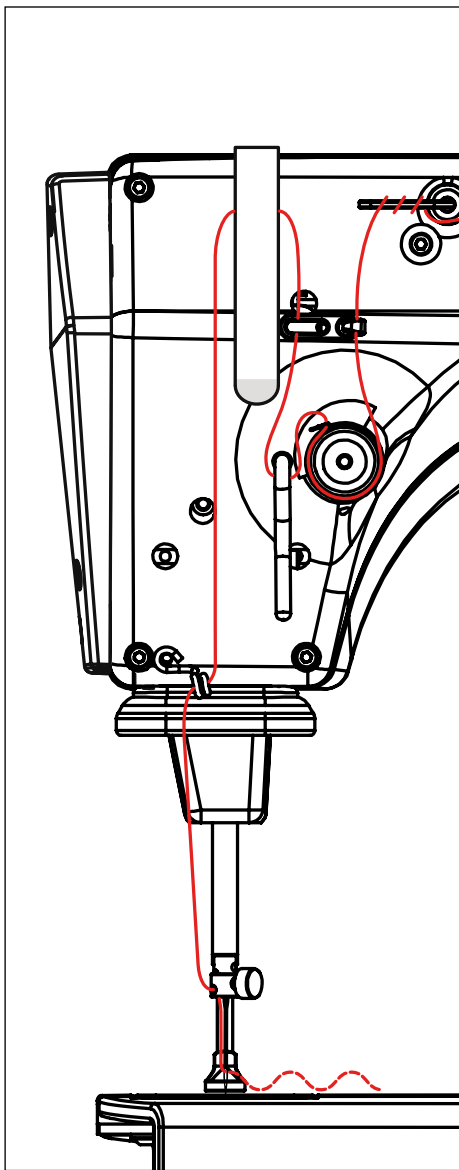
1. Place a cone or spool of thread on the spool pin. If using a spool, make sure that the slits on the spool are against the base of the spool pin holder. Pass the thread through **the thread-mast** eyelet from back to front, continuing to thread guide **A**. (Figure 10)
2. Continue to the three-hole thread guide **B**. Beginning at the top, wrap all three holes from back to front, hand wheel side to needle side (see Figure 9).

Note: The purpose of the three-hole thread guide **B** is to prevent loops of thread coming off the thread cone from going into the top tension as a knot causing thread breakage and bad tension. For most threads on a cone, it is important to thread all three holes for consistent results and to make adjustments at the top tension assembly. An exception to this rule is when working with very delicate threads, such as holographic or threads that are prone to breakage. You may try skipping one or two holes on thread guide **B** when using these threads.



DETAIL 1

Figure 9



DETAIL 2

Figure 11

3. Thread continues through thread guide **C**, and then down to the **tension assembly** (see **Figure 11**).

NOTE: *It is important that the thread is “flossed” up between the two tension discs. If the thread is not firmly in place between the two tension discs, the thread rests on the outside of the tension discs (without tension) and looping on fabric or thread nests may occur.*

4. Once the thread is in place, be sure that the thread catches on the take-up spring and then pull it down under the stirrup (thread guide **D**).
5. Bring the thread back up through the take-up lever from back to front, and then down through thread guide **E**. Pull the thread at the take-up lever to ensure that it is properly flossed between the tension discs. If it is properly flossed in the tension discs you should feel some resistance as you pull the thread. If it is not, then the thread will pull freely.
6. Pull the thread down to the needle thread guide and thread through the hole (thread guide **F**).
7. Make sure the thread is following the groove down the front of the needle and threads from front to back. Be careful that the thread does not twist around the needle.

IMPORTANT NOTE: *The Artistic Quilter SD-16 quilting machine does not have a presser foot lever or top tension release like a home sewing machine. On a home sewing machine the top tension is released when the presser foot is raised, allowing the thread to come freely out of the machine. When a home machine is threaded, the presser foot is raised and the tension discs are released and open for the thread to easily fall between the tension discs. This is not the case with the Artistic Quilter SD-16 quilting machine where the top tension is always tight and the tension discs are never open. Therefore, the thread must be pulled up or “flossed” between the tension discs or it will stay outside the discs and float without tension, causing serious stitch problems and/or thread nests. It is also possible to bend the needle while it is threaded if care is not taken while moving the machine around the quilt because the top tension is never released.*

Bobbin and Thread Tension Adjustments

Inserting the Bobbin

Note: Turn off the power switch while inserting the bobbin case or anytime your hands are near the needle area.

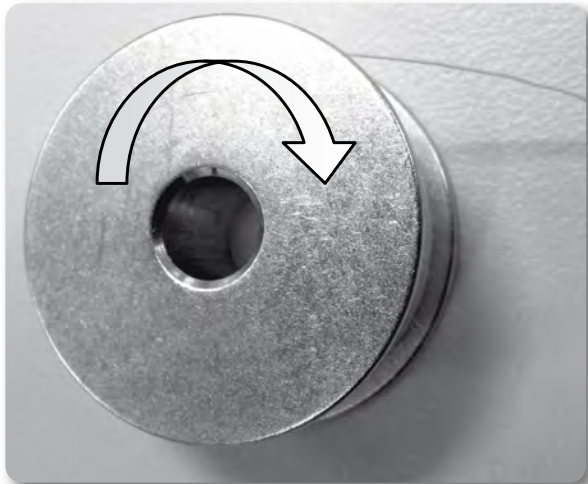


Figure 12

1. Place the bobbin in the bobbin case so that the thread pulls off clockwise when viewing the open side (**Figure 12**).

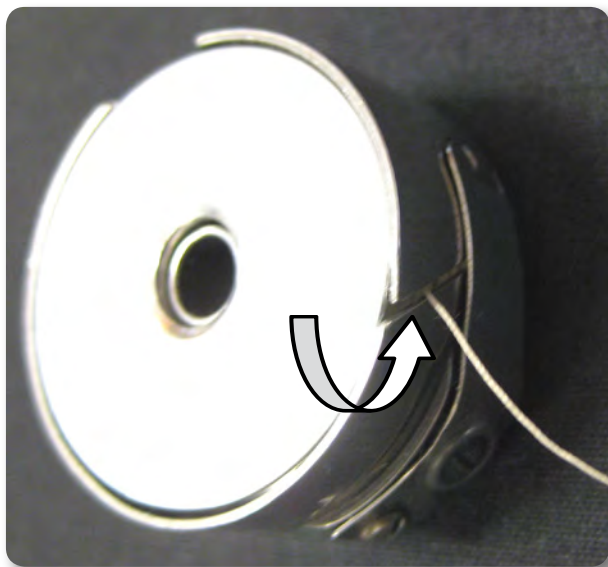


Figure 13

2. Slide the thread through the slot (**Figure 13**) and under the tension spring leaving 5-6 inches of thread hanging loose (**Figures 14 and 15**).



Figure 14



Figure 15

3. To insert the bobbin case into the machine, grasp the bobbin case with thumb and first finger. Do not lift the lever on bobbin case. Fit the bobbin case onto the hook spindle in the machine. Rotate the case until the open throat keys into the alignment notch in the middle of the hook. Push the case in until it stops in place. Push the case inward further until it clicks (see **Figure 15**). Allow the thread end to hang freely.

NOTE: Pulling out the latch lever pushes the bobbin forward in the bobbin case, aiding in removal of the bobbin. The lever should be used only for removing the bobbin case from the machine.

Drawing the Bobbin Thread to the Top of the Quilt

1. After threading the machine, plug it in and turn on the power. Place quilt sandwich under hopping foot.
2. While firmly holding the tail of the needle thread with the left hand, choose one of the following methods to cycle the needle through one full rotation to bring the bobbin thread to the top of the quilt.
 - A. Foot Pedal Method. LIGHTLY tap the foot pedal to make the needle go down. Then LIGHTLY tap again to bring the needle up.
 - B. Needle Up/Down Button Half-Stitch. Find the Needle Up/Down Button in the center of the color touch-screen main display. Press once to cycle the needle down. Press again to cycle the needle back up.
 - C. Needle Up/Down Button, Full-Stitch. Find the Needle Up/Down Button in the center of the color touch-screen main display. Press and hold briefly to cycle the needle through one complete stitch cycle (down and back up).
3. Pull the fabric 3-4 inches away while holding the needle thread.
4. Bobbin thread will pull up and through to the top, allowing you to grasp the loop and pull it to the desired length.

Checking and Adjusting Bobbin Case Tension

The bobbin case tension is the foundation tension for the entire machine. To test that bobbin tension is correct, hold the bobbin case in the palm of your hand with the open end facing up. Wrap the thread around your index finger and lift the bobbin case from your hand. While gently moving the finger front to back (not up and down, which is not consistent), the bobbin case should slide slowly down the thread, like a spider on its web.

The small screw in the center of the tension spring is where the adjustment is made (see **Figure 16**). Turn clockwise to tighten and counter-clockwise to loosen the bobbin case tension. Make very small adjustments. **Check the bobbin tension every time a new bobbin is inserted.**



Figure 16

Tighten Bobbin Case Tension

The bobbin case tension is **TOO LOOSE** if it will not lift up onto its side. Turn screw clockwise to tighten. The bobbin case screw requires very small adjustments. Think of the “tick of a clock”. Adjust, then check. Adjust and check again.

Loosen Bobbin Case Tension

The bobbin case tension is **TOO TIGHT** if it lifts out of your hand. Turn screw counterclockwise to loosen. The bobbin case screw requires very small adjustments. Think of the ticks of a clock. Adjust, then check. Adjust and check again.

Tension Adjustment

IMPORTANT NOTE: Top thread tension should be adjusted only after the bobbin case foundation tension adjustment is made.

Puckering, gathers and thread breakage occur when the top tension is too tight. Loops and thread nests occur on the back when the top thread tension is too loose. (See **Figure 17** on next page.) Tension may need to be adjusted, depending on the fabric, thread or batting used in each project.

As you change the top tension, the value in the tension indicator box on the Main screen increases or decreases in increments of five. When you are happy with the tension, note the top tension value for that type of thread (brand, weight, and color) so you can quickly and easily set the tension when you use this thread again in the future.

Unlike the bobbin case adjustment, which requires minute adjustments, the top tension knob may require turns anywhere from 1/4 of a turn to two to four turns to achieve balanced tension.

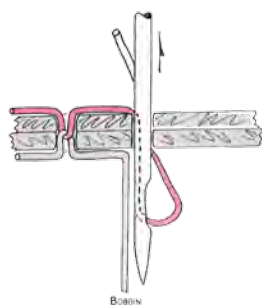
Tighten Top Thread Tension

To adjust the top tension tighter, turn the top thread tension knob (page 9, **Figure 1**, #5) **clockwise**.

Loosen Top Thread Tension

To loosen the tension, turn the top thread tension knob (page 9, **Figure 1**, #5) **counter-clockwise**.

NOTE: Before adjusting the top tension, remember to floss or pull the top thread up into the tension discs or it will float outside the discs providing little or no top tension. This could cause significant tension or nesting problems on the bottom side of the quilt. If the top tension is too loose (causing loops of thread on the underside of the quilt) and no amount of tightening the top thread tension knob seems to affect it, there's a good chance that the thread is riding on the outside of the tension discs and is not "flossed" between them.



A stitch is balanced when the top thread and the bobbin thread meet in the middle of the quilt sandwich.

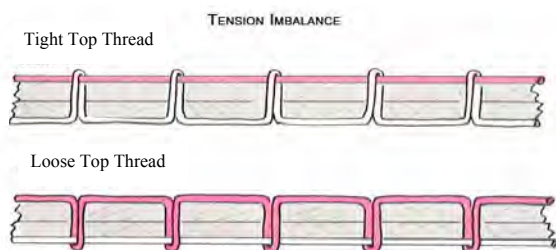


Figure 17

Maintenance

NOTE: Turn off the machine and remove the power cord when performing maintenance on the machine.

Cleaning and Lubricating the Machine

Only use light sewing machine oil in the Artistic Quilter SD-16. Internal oiling is not necessary on the Artistic Quilter SD-16 except when the machine is taken to a service technician for routine maintenance and cleaning.

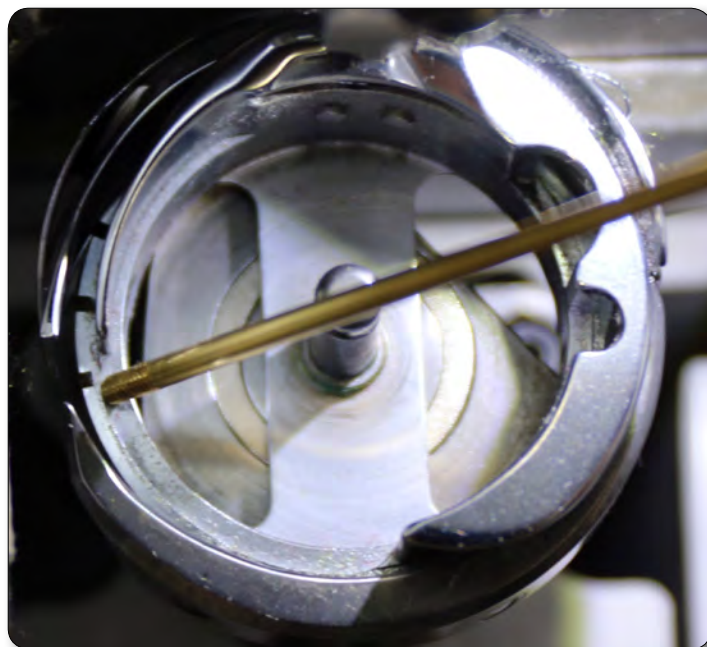


Figure 18

The hook assembly, however, needs regular lubricating. Failure to keep the hook assembly lubricated can cause severe damage to the machine.

To lubricate, turn off the machine. Remove the bobbin and case before oiling. Clean around the hook assembly with a soft brush to remove lint. Put a very small drop of oil on the hook in the region where the bobbin basket assembly and the rotating hook meet (see **Figure 18**). The bobbin basket is the portion of the hook that the bobbin case snaps into. The bobbin basket remains stationary while the hook rotates around the basket. The oil lubricates the region where these two components interlock. A drop of oil in the region indicated will work its way back into the interlocking area of the hook and bobbin basket.

The frequency of lubrication depends upon the usage of the machine. Lubricating is recommended before running the machine if it has not been used regularly, or every other bobbin change if used frequently. After oiling, always stitch through a scrap piece of fabric, as oil may cling to thread. Over-oiling can cause excess dripping from the bobbin assembly. Lack of lubricant may be noticed by a change in the sound of the machine and will affect stitch quality.

Cleaning the Touch-Screen Display

Use a soft rag dampened with isopropyl alcohol to gently wipe the display and remove any marks. Never use any other chemicals to clean your display as they may adversely affect the touch-screen response and clarity.

Using the Touch-Screen Display

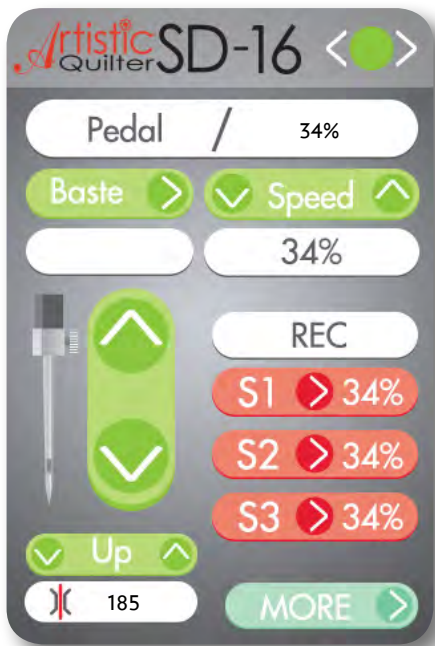


Figure 19

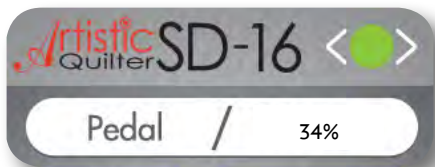


Figure 20

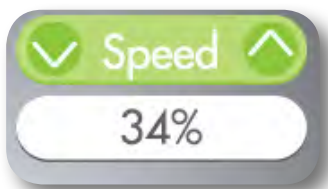


Figure 21

The Artistic Quilter SD-16 has a color touch-screen display on the front of the machine. Settings are changed using this display.

Main Screen Button Functions (Figure 19)

On/Off Indicator

The circle in the top right of **Figure 19** indicates whether or not the motor is running. It will be red when the machine is stopped and green when the foot pedal is pressed.

Pedal Status

The status of the foot pedal connection is displayed in the top left corner of the Main screen (**Figure 20**). If the foot pedal is not properly connected the message “Check Pedal” will appear in red letters. Once the pedal is connected properly the word “Pedal” appears in that space in black letters.

Current Speed

The box to the right of Pedal (**Figure 20**) is the current percentage of full speed the machine is running. The value displayed will vary as you press and release the foot pedal. The maximum percentage value that is displayed is controlled by the Limit that is set for the machine.

Limit Controls

The Limit box encompasses two main features, the control and preset buttons. The Speed control consist of “^” and “v” buttons and the white Speed display box (**Figure 21**). Pressing the “^” button will increase the maximum motor speed the pedal controls. Pressing the “v” button will decrease the maximum speed.

The Speed range is between 5 % and 100 % or between 75 and 1500 stitches per minute (SPM). The current percentage Speed value is displayed in the white box under the “Speed” text. This Speed setting will be preserved when the machine is shut off, allowing you to begin quilting again at the same speed when you turn the machine back on.

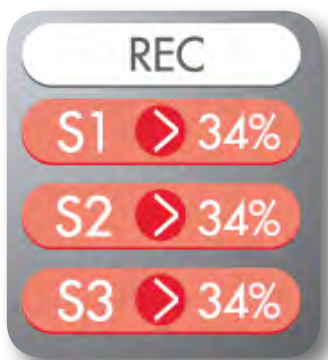


Figure 22

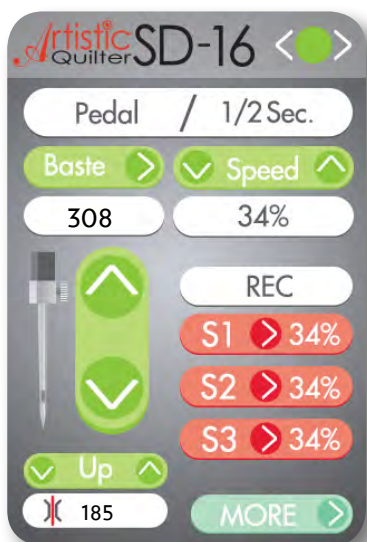


Figure 23



Figure 24

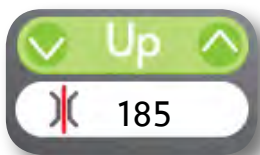


Figure 25

Presets

Save up to three preset speeds to quickly switch between speed preferences. For example, you may prefer a slower speed when using rulers and a faster speed when doing all-over meandering quilting. **(Figure 22)**

Use the “^” and “v” buttons to adjust the speed percentage and then press the record button next to one of the preset values to store that speed as a preset. When you want to use one of the preset speeds, simply press the speed.

Basting Mode

The Artistic Quilter SD-16 has a basting mode that causes a stitch to be formed at a specified time interval – every half second, every three-quarters of a second, every second, every 1.5 second, or every two seconds. **(Figure 23)**

Touch the basting icon **(Figure 24)** to activate basting mode. Then press the “^” and “v” button to set the time interval for the basting stitch.

Press the foot pedal to begin quilting. The Artistic Quilter SD-16 will take a stitch (needle down and then needle up) at the specified interval. Coordinate how quickly you move the quilt sandwich with how quickly the machine takes a basting stitch. Experiment with the various speed options along with moving the quilt to find which of the settings work best for you to position the basting stitches on your quilt.

Easy-Set Tension™

The tension box **(Figure 25)** on the Main Screen shows the current tension setting as a numeric value. As you turn the tension dial clockwise to tighten the top tension, the number increases in increments of five. As you turn the tension dial counterclockwise to loosen the top tension, the number decreases in increments of five. The faster you turn the dial, the faster the numbers increase or decrease.

After setting the bobbin tension, test the top tension by stitching on a fabric scrap on the edge of the quilt batting and backing. Increase or decrease as needed until you have achieved balanced tension. Make a note of the type of thread (weight, brand, color) you’re using and the tension value. You will be able to quickly and easily set the tension when you use this same thread again in the future.

Low Bobbin
Indicator



Figure 26



Figure 27

Bobbin Thread Indicator

If you use the Low-Bobbin Estimator feature, The Bobbin Thread Indicator box (**Figure 26**) shows how much bobbin thread remains on the bobbin. The value counts down until it gets to zero, at which time the low-bobbin alarm alerts you that it is time to put in a new bobbin. While the machine is recording how much thread is on a bobbin, REC appears on the screen to remind you that it is estimating the bobbin capacity.

Up/Down/TieOff

The button with the needle image in the center of the screen can assist you in creating tieoff stitches, basting or needle-positioning functions without the use of the foot pedal (**Figure 27**). Pressing and releasing the button quickly will send the needle to the next needle stop position. If the needle is up, pressing the button will cause the needle to move to the down position. If the needle is down, it will return to the up position.

Pressing and holding the button for a longer time allows you to do a full stitch. As long as you continue to hold the button down the machine will continue to stitch at a slow rate, and when the button is released the needle will stop in the closest stop position (up or down) available. This action is useful for tying off beginning and ending stitches.



Figure 28



Figure 29

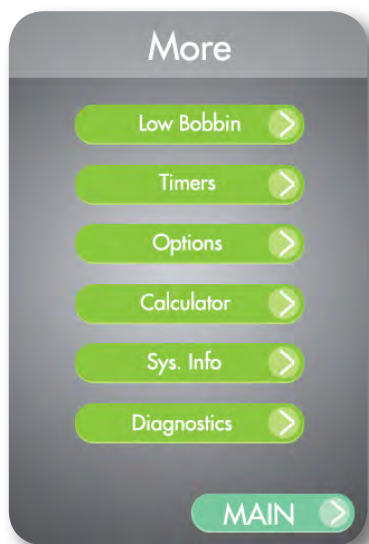


Figure 30

Needle Stop

The Needle Stop setting enables you to specify whether you want the needle to end in the up or down position when you stop quilting. If you select Down, when you release the foot pedal the needle ends in the down position. If you select Up, the needle ends in the up position when you release the foot pedal. Switch between the up and down position by pressing the Needle Stop button (Figure 28).

More Menu (Figure 29 & 30)

The More menu allows access to other functions available on the Artistic Quilter SD-16.

Low Bobbin

The Artistic Quilter SD-16 includes a low bobbin alarm so you can estimate how soon your bobbin thread will run out.

Timers

The Artistic Quilter SD-16 has two useful timers. One timer enables you to set a reminder alarm (like a kitchen timer) and the other timer tracks how much time you spend on a quilt project.

Options

Pressing the “Options” button will open a screen that allows adjustment of the sound volume and the LED Light Ring brightness.

Calculator

An on-screen calculator may be accessed from the “More” screen.

System Information

The “Sys. Info.” Button provides access to machine information. This includes the machine Serial Number, the hardware and firmware version numbers and the Stitch Counters.

Diagnostics

The “Diagnostics” button activates the screen where machine diagnostic functions can be performed. Diagnostic functions are generally only used when working with your authorized Artistic retailer to resolve issues.

Set Language

The Artistic Quilter SD-16 screens can appear in English, French, German, or Spanish. On the More Screen, press the lower-left button to cycle between English, Français, Deutsch, and Español. After selecting your preferred language, press Main to return to the Main Screen.

Main

Press the “Main” button to return to the Main menu screen.



Figure 31



Figure 32



Figure 33

Low Bobbin

The Artistic Quilter SD-16 includes a low bobbin alarm so you can estimate how soon your bobbin thread will run out. This Low Bobbin Capacity is based on an estimate of how much of a particular thread can fit on a bobbin, in combination with other quilting factors such as tension, stitches per inch, and how much bobbin thread you pull up when beginning and ending your quilting (**Figure 31**).

To estimate how much thread is on a bobbin, place a full bobbin in the machine and under the heading Bobbin Thread Capacity, press the Record button and quilt as usual.

When the bobbin runs out, press the red oval Recording button and note the number that is indicated under the Bobbin Thread Capacity (**Figure 32**), perhaps 210 yards. Since you want a warning as to when the bobbin is getting low, use the “v” button to specify a lower number, such as 195. Save that as one of the Bobbin Thread Capacity Presets. You might want to make a note as to which type of thread the preset represents. Put a new bobbin with the same thread into the machine and press the New Bobbin button. Then press the Alarm button. As you quilt, the remaining bobbin thread value will estimate how much thread remains on the current bobbin, and when you reach the capacity value, an alarm will sound warning you that your bobbin is nearly out of thread (**Figure 33**).

When recording the capacity of a bobbin, the Artistic Quilter SD-16 assumes you will stitch at 10 stitches per inch when stitch regulation is not attached to your machine. Therefore, if you estimate bobbin capacity and stitch using different stitches per inch, increase the capacity setting (if stitching fewer than 10 stitches per inch) or decrease it (if stitching more than 10 stitches per inch).

If the stitch regulator is attached and powered on, the low-bobbin capacity calculation uses the current last stitch regulation stitches-per-inch setting to calculate bobbin capacity when you are stitching in regulated mode. In Manual mode the last stitches-per-inch setting used in regulated mode is used to calculate the bobbin usage.

You can store three Bobbin Thread Capacity preset values – one for each of three different types of thread. Simply go through the record process with a full bobbin of that type of thread and then store the capacity as a preset. When you switch to using that type of thread, press the appropriate preset button. Insert a full bobbin with that type of thread, press New Bobbin, and all of the settings will be based on that type of thread.

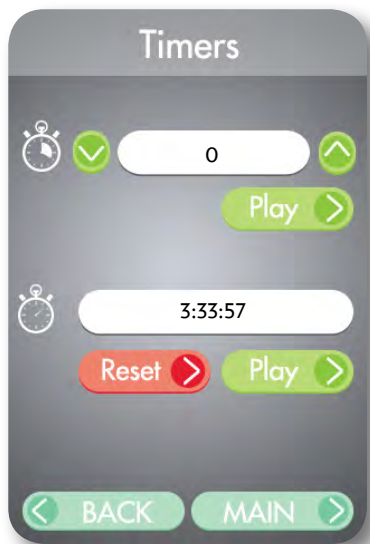


Figure 34

Timers

The Artistic Quilter SD-16 has two useful timers. One timer enables you to set a reminder alarm (like a kitchen timer) and the other timer tracks how much time you spend on a quilt.

The first (top) timer is a reminder timer. It enables you to set an alarm to go off after a specific period of time, similar to a kitchen timer. Use the “^” and “v” buttons to set the time duration. Then press the “play” button to activate the timer. When the time duration has elapsed, an alarm will sound and a message appears on the display.

The second (bottom) timer enables you to track how much time you spend on a quilt project. When you begin a new project, press the Reset button. Then press the Play button to begin recording your quilting time. The timer records when the machine is quilting. The time is saved even when the machine is turned off. When you begin another quilting session, quilting time is added to the timer. Only press Reset when you want to zero-out the timer and begin a new timing session. (**Figure 34**).

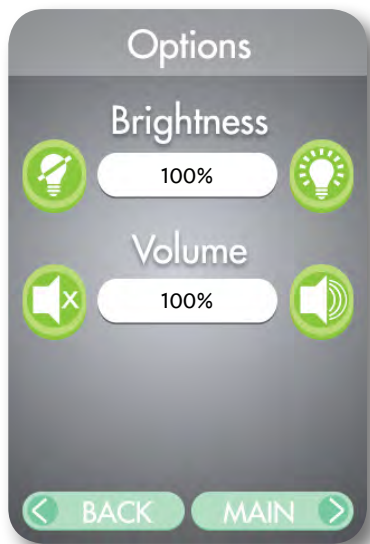


Figure 35

Options Screen

Brightness

The “Brightness” portion of this screen (**Figure 35**) has two buttons and a sliding control as well. The LED Light Ring can be turned on completely with the illuminated light bulb button or off completely with the darkened light bulb button. Pressing the sliding control in any position will set the brightness to the value indicated in the slider control. Pressing and moving back and forth across the sliding control will change the brightness up as it is moved left to right and down as it is moved right to left.

Volume

The Volume portion of this screen (**Figure 35**) has two buttons and a sliding control. Pressing on the “Mute” button turns off the sound of the buttons when they are pressed. Pressing the “Max” button turns the volume to its loudest level. Pressing the sliding control in any position sets the volume to the level indicated in that control. Pressing and moving back and forth across the sliding control will change the volume up as it is moved left to right and down as it is moved from right to left.

Press the “Main” button to return to Main menu screen or the “Back” button to return to the “More” menu screen.

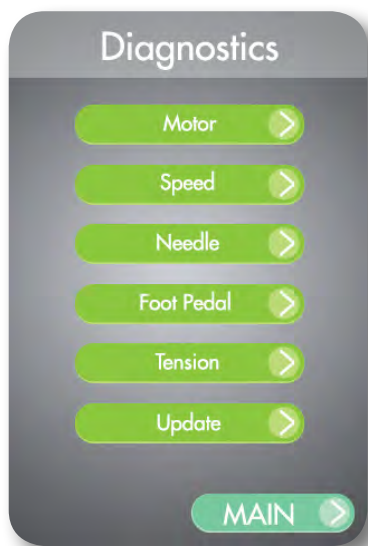


Figure 36

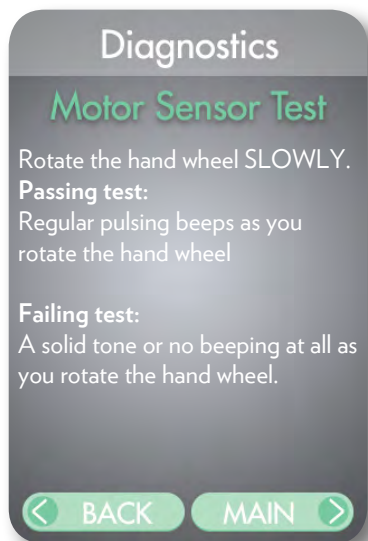


Figure 37

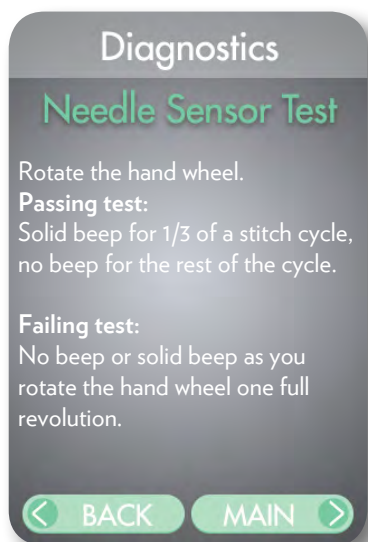


Figure 38

Diagnostics Screen

Six different diagnostics tests can be performed on the machine. These functions test the motor control operation, the foot pedal and the internal position sensors. (Figure 36)

Press the “Main” button to return to the “Main” menu screen or the “Back” button to return to the “More” menu screen.

Diagnostics Tests

Motor Sensor Test

The “Motor” Sensor test (Figure 37) can help you determine whether there may be a problem with the Artistic Quilter SD-16 motor. Slowly rotating the hand wheel should result in an audible “beep.” If you get a constant solid “beep” or no “beep” at all, this indicates a failed test and the machine should be inspected by a qualified Artistic repair technician.

Press the “Main” button to return to the “Main” menu screen or the “Back” button to return to the “More” menu screen.

Needle Sensor Test

The Needle Sensor test will indicate whether the needle position sensor is functioning properly. Rotating the hand wheel should result in a “beep” for half of a stitch cycle followed by no “beep” for the other half. (Figure 38)

If you hear a constant beep or no beep at all for a full 360° rotation of the hand wheel, this indicates a failed test and the machine should be inspected by a qualified Artistic repair technician.

Press the “Main” button to return to the “Main” menu screen or the “Back” button to return to the “More” menu screen.

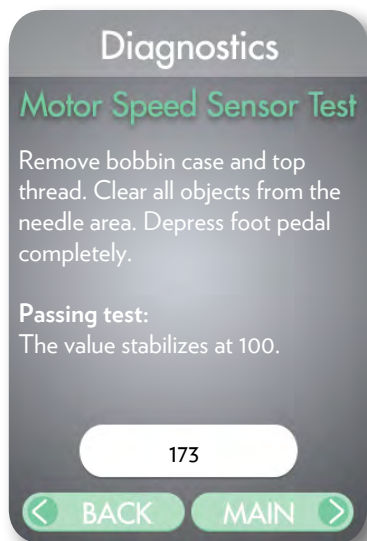


Figure 39

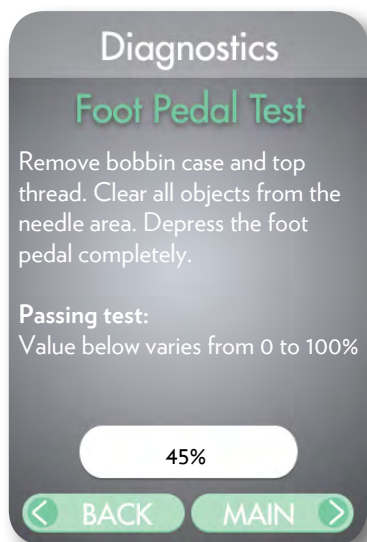


Figure 40

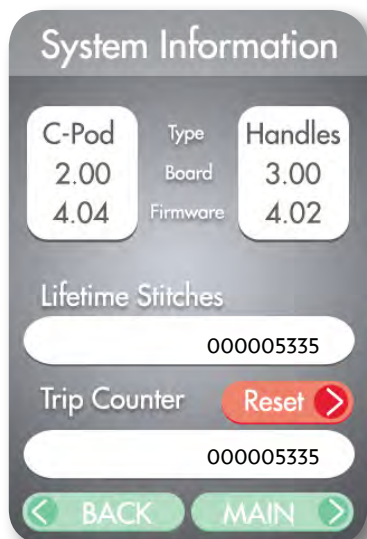


Figure 41

Motor Speed Sensor Test

The “Speed” Sensor test can help you determine whether or not there is a problem with the Artistic Quilter SD-16 speed sensor. Before performing this test, remove the bobbin case and the top thread. Press the foot pedal so that the machine will begin slowly rotating. The white box will show a number that should stabilize at 100 if the sensor is functioning properly. Release the foot pedal to stop the machine. **(Figure 39)**

Press the “Main” button to return to the “Main” menu screen or the “Back” button to return to the “More” menu screen.

Pedal Test

The “Pedal” test can help you determine if there is a problem with the Artistic Quilter SD-16 foot pedal. As you slowly depress the foot pedal a percent of depression will appear in the white box. The foot pedal should be controllable from 0 to 100%. **(Figure 40)**

Press the “Main” button to return to the “Main” menu screen or the “Back” button to return to the “More” menu screen.

System Information Screen

The serial number of the machine is displayed at the top of the System Information screen. This number matches the one found on the label at the back of the machine.

Information contained in the white boxes below the serial number identifies the electronics board revision numbers as well as the firmware revision numbers of the Artistic Quilter SD-16.

The Lifetime and Trip (or project) stitch counters count the number of stitches the machine is performed. The Lifetime count is the total number of stitches made since the machine was built. The Trip Counter can be reset to keep track of the number of stitches made during a given project. To reset this counter, press the blue “Reset” button found aligned with the Trip counter.

The Lifetime counter cannot be reset and should be used as an indicator to determine when general machine maintenance should be performed by an authorized Artistic Representative. **(Figure 41)**

Press the “Main” button to return to the “Main” menu screen or the “Back” button to return to the “More” menu screen.



Figure 42

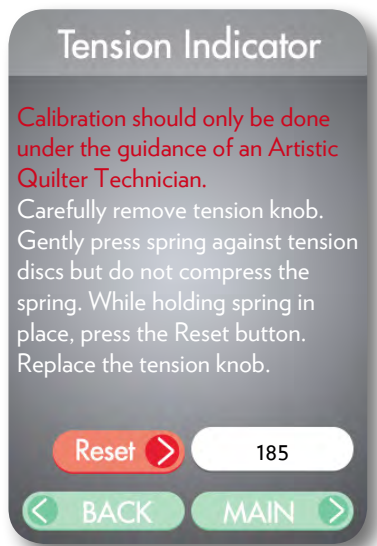


Figure 43

Calculator Screen

A basic six-function calculator is provided for your convenience. **(Figure 42)** The functions provided are addition, subtraction, multiplication, division, square root and percent. The arrow button on the top right may be used to delete a digit mistakenly entered.

Press the “Main” button to return to the “Main” menu screen or the “Back” button to return to the “More” menu screen.

Calibrate Tension

The Tension button on the Diagnostics menu enables you to calibrate the tension device. You should only calibrate the tension device under the direction of Artistic technical support. **(Figure 43)**

While calibrating the tension, you will be asked to do the following:

1. Remove the tension knob.
2. Gently press the spring against the tension discs while not compressing the spring.
3. While holding the spring in place, press Reset.
4. When calibration is complete, replace the tension knob.

Getting Started Quilting

Thread Requirements

Threads have a tendency to dry rot over a period of time. Be sure to choose high quality threads for your valuable heirloom quilts. Most machine quilting threads on the market today are acceptable.

Needle Requirements

For general quilting, a size 16/100 needle will accommodate most threads and fabrics. Heavier threads, such as top stitch and some decorative threads, require a larger needle such as 18/110 or 20/120. Heavier fabrics such as denim, canvas or densely woven fabric may require a larger needle.

To Prepare for Quilting

With any quilting machine, it is important to understand the basics of free motion quilting. The Artistic Quilter SD-16 Quilting Machine does not have feed dogs like domestic machines; therefore, the fabric does not automatically feed under the hopping foot. The operator controls the machine sewing speed with the speed setting and the foot pedal, and moves the fabric to get an even, consistent stitch.

In order to become comfortable using the Artistic Quilter SD-16, quilters can begin with a few simple techniques using a sample quilt sandwich (two pieces of fabric with a layer of batting between them).

Set the machine at a medium speed setting (perhaps 25%) and begin moving the fabric until you become accustomed to the resistance. By moving the fabric faster, the stitches begin to elongate. The speed setting can either be increased or the fabric can be moved slower to get the stitches back to the desired length. By moving the fabric slower, the stitches get shorter and can build up on top of each other, breaking the thread or making it extremely difficult to unpick.

The speed setting can be decreased or the foot pedal released slightly, while maintaining a constant motion with the fabric, to bring the stitches back to the desired length.

When quilting, relax your hands and maintain a light touch on the fabric. Gripping the fabric too tightly may cause body tension resulting in poor quilting quality and discomfort.

Different colors of fabric may require different brightness settings for the LED light ring to prevent eye strain.

Correcting Common Issues

Skipped Stitches	Corrective Measure
<ul style="list-style-type: none"> The needle is damaged, dull, bent, or installed improperly Incorrect needle size Very tightly-woven fabric (such as batiks) Needle has not been positioned properly Thread tension too tight Improper threading 	<ul style="list-style-type: none"> Replace the needle often, normally once or twice per day for continuous quilting or at least once per quilt. Use Artistic Quilter SD-16 recommended needles. Always change the needle if the needle has struck any hard object such as a straight pin, etc. The tip of the needle can become damaged or burred, resulting in fabric damage as well as skipped stitches, thread breakage or shredding. Always change the needle if it has been hit, bumped or pulled off center while maneuvering the machine about the quilt. A slightly bent needle can be a major cause of skipped stitches. Check for the proper combination of needle size and thread weight being applied to the quilting operation. Some fabrics used in quilting may constrict or impede the thread passing through the front groove of the needle. This diminishes the loop lift required for stitch formation. Typically, a larger needle will solve the problem; however, it has been found that certain smaller sizes of needles as well as the use of ball-pointed needles solve some specific problems. Position the needle properly to the needle bar. Inspect the position of the needle to make sure the needle is at the 6 o'clock position (see Photo 16)—If you stand directly in front of the needle (facing the bobbin case side of the machine), you will see the entire needle eye directly facing you. This is 6 o'clock position. Make sure (1) the needle is installed all the way into the needle bar to the needle stop hole in the needle bar, (2) the long groove in the needle is toward the front (bobbin case side), and (3) the scarf/scooped out part of the needle is toward the handwheel. The needle can sometimes be rotated to 5 o'clock (slightly right) or 7 o'clock (slightly left) in order to adjust for a more positive thread loop pickup by the hook point. Loosen top tension. Re-check top and bobbin tension (see pages 13-14). Inspect that the thread take-up lever, thread stirrup or tension spring are all threaded correctly.
The Needle Breaks	Corrective Measure
<ul style="list-style-type: none"> The needle is bent or not installed properly The needle hits the needle plate 	<ul style="list-style-type: none"> Replace or correctly change the needle. Make sure that the needle is pushed up into the needle bar clamp until it can go no farther (visually check that it is up to the top of the stop/sight hole above the needle bar clamp screw). Failure to do so can cause damage in the bobbin area and throat plate. Correctly position the needle, needle plate or hopping foot. Replace needle with a new one.
Stitches are Puckered	Corrective Measure
<ul style="list-style-type: none"> Tension is not balanced Needle too large for material 	<ul style="list-style-type: none"> Balance the tension of the needle thread after ensuring the bobbin tension is adjusted correctly (see page 13). Replace the needle with a size better suited to the fabric.

Correcting Common Issues

Stitch Quality is Poor	Corrective Measure
<ul style="list-style-type: none"> Tension is not balanced Bobbin case is damaged, corroded, dirty, et cetera Moving the fabric or depressing the foot pedal inconsistently 	<ul style="list-style-type: none"> Adjust the tension of the needle thread after ensuring the bobbin tension is adjusted correctly (see page 13). Since thread slides over the surface of the bobbin case at a high speed, make sure the case is free of any lint or foreign matter that could impede thread passage through the machine. The My Speed setting should be adjusted to a value that will allow you to sew comfortably and confidently with the foot pedal fully depressed. Discover a method of holding the fabric that is most comfortable.
Tension Is Poor	Corrective Measure
<ul style="list-style-type: none"> Lint caught under the tension spring in the bobbin case Poorly wound bobbin 	<ul style="list-style-type: none"> With some threads, lint and other material can build up under the tension leaf spring and begin to lift the spring. This reduces the spring's ability to compress against the thread. By inserting a needle under the spring and clearing out the lint, the bobbin tension will return to the previously set tension. If the bobbin is wound too tight or too loose it can lead to poor and inconsistent tension. Make sure when the bobbin is wound that the thread tension is not so tight that the wound bobbin thread feels hard and causes the bobbin sides to bulge. It should also not be so loose that the thread is spongy, which can cause the thread to tangle as it is wound.
Hand Wheel Won't Rotate	Corrective Measure
<ul style="list-style-type: none"> Thread is entangled and caught in the hook 	<ul style="list-style-type: none"> Turn off the machine and remove the power plug from the electrical outlet. Remove the bobbin case from the machine. Lubricate the hook, then manually rotate the hand wheel clockwise and counter-clockwise several times. Remove the thread caught in the hook.
Thread Nests Under Quilt	Corrective Measure
<ul style="list-style-type: none"> Not enough tension on top thread Improper threading 	<ul style="list-style-type: none"> Check that the machine is threaded correctly. Make certain that the thread is flossed snugly in place between the two tension discs. If the machine is correctly threaded, tighten the top tension by rotating the tension knob clockwise. Refer to the threading diagram and threading instructions on page 12.
Motor Fails to Run	Corrective Measure
<ul style="list-style-type: none"> On/Off switch is off or power cord is loose Foot pedal is unplugged 	<ul style="list-style-type: none"> Turn the machine on only by using the switch on the back of the power pod. Verify the power cord is plugged in tightly at both the machine and the power source. Verify that the foot pedal is plugged in. If the main screen status message in the upper left hand corner says "Check Pedal", then the pedal is not properly installed.

Correcting Common Issues

Needle Thread Breaks	Corrective Measure
<ul style="list-style-type: none"> • Top and bobbin tension not balanced • Thread cones/spools are poor quality or may have severe twisting or thread rot • The machine head has been threaded incorrectly or thread spools are not positioned correctly • Particles in tension discs • Bobbin rotation is not smooth • Needle is burred, bent or dull, or installed incorrectly • Needle not suited for the thread • Hesitating too long at one point in the pattern • Improper needle/hook relationship • Damage or burr at the needle hole in the needle plate or any other place along the thread path • Wrong type of needle • Other possible causes: 	<ul style="list-style-type: none"> • Check the tension of the top tensioner and bobbin for proper balance. • Look for severe twisting of threads when approximately 12 to 15 inches has been pulled off, with ends pinched together. Cotton threads are particularly susceptible to dry rot which makes thread brittle. Do not use poor quality thread, or thread that is rotted or brittle. • Check that the machine is threaded correctly. • Inspect for accidental double wrapping of thread on thread guides. • Inspect the thread mast making sure the eyelets of the mast are directly over the spools. • Inspect the vertical positioning of the thread cones. Tipped cones can dramatically affect thread tension and can cause breakage. • Inspect for particles and remove any lint or debris. • Change the bobbin. The slightest hesitation of the bobbin rotation can be the cause of dramatic tension change and thread breakage. Use ONLY Artistic bobbins • Change the needle at least once per quilt. Make sure the needle is installed to the top of the sight hole in the needle bar. • Replace the needle with one better suited for the thread. Use the proper size needle. • Move more quickly so stitches don't overlap or build up. When starting the machine, begin moving immediately. Sewing in one place too long will cause the thread to break. • Timing of the machine is improper. Consult a repair technician at your local, authorized Artistic representative. • If the thread is shredding at the needle plate, check for burrs or jagged edges. Gently rub with metal cloth to remove the sharp edge. Consult a repair technician to polish any hard to reach or delicate areas, or if the burr is inside the hole. • Use needles recommended by Artistic. Using the wrong needle with a smaller shank diameter causes many problems. For example a system 1738 or 287WH needle with a shank diameter of 1.64mm will fit loosely into the clamp at an angle. This may cause skipped stitches because the needle is positioned too far away from the hook point. It can also cause the needle to hit the hook, breaking the needle. • The needle is too close to the hook, which causes friction and a possible collision of the hook point and the needle. • Needle plate damage. • Hook damage. • Broken needle inside needle bar clamp, preventing the needle from insertion to the top of the clamp. • Damaged needle bar clamp.
No Visible Display	Corrective Measure
<ul style="list-style-type: none"> • Cable unplugged 	<ul style="list-style-type: none"> • Check the communication cable that connects the display to the machine and make sure the connection is secure.

Artistic BOBBIN WINDER

USER MANUAL

Revision 2.0, Part number QM31500



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Important Information

Regulatory Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and Receiver.
- Connect the equipment into an outlet on a circuit different from that to which the Receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This Class B digital apparatus complies with Part 15 of the U.S. Federal Communications Commission (FCC) rules, Canadian ICES-003 and RSS-210. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Réglémentations

Cet appareil numérique de la classe B est conforme aux norms NMB-003 et CNR-210 du Canada. Son fonctionnement est assujetti aux deux conditions suivantes: (1) Cet appareil ne puet pas provoquer d'interférences nuisibles et (2) cet appareil doit accepter toute interference recue, y compris les interferences pouvant entraîner un fonctionnement non desire.

Specifications

Bobbin Winder

Input Power - 12Vdc at 2.5 A maximum
Variable speed winding
3600 rpm maximum winding speed
Auto-shut off sensor
Auto-shut off after 5 minutes

Bobbin winder power supply

Input: 100 – 240VAC 50/60Hz 50VA
Output: 12Vdc at 3A

General Safety Considerations



WARNING

To protect against risk of fire, bodily injury, electrical shock or damage to the product:

- Do not immerse any part of this product in water or other liquid.
- Do not spray liquid on this product or allow excess liquid to drip inside.
- Do not use this product if it has sustained damage, such as a damaged cord or plug.
- Clean only with a damp cloth. Use water and a light detergent such as dishwashing detergent if needed.



AVERTISSEMENT

Pour protéger contre tout les risques de feu, blessures corporelles, chocs électrique ou risque d'endommager ce produit.

- Ne pas immerger aucune partie de ce produit dans l'eau ou tout autre liquide.
- Ne jamais vaporiser cette machine ou permettre un excès de liquide de tomber goutte à goutte à l'intérieur.
- Ne jamais utiliser la machine si elle a été endommagée, tel que corde électrique ou prise de courant avarié.
- S'il est nécessaire de nettoyer

Environmental Considerations

Recycling Information

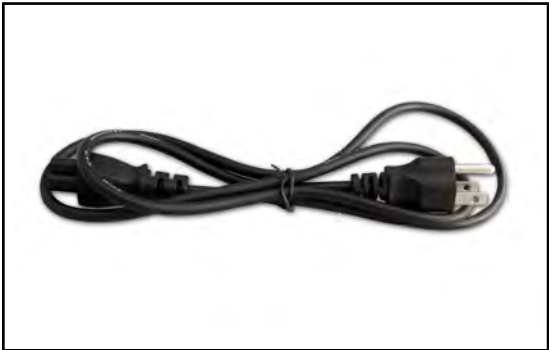
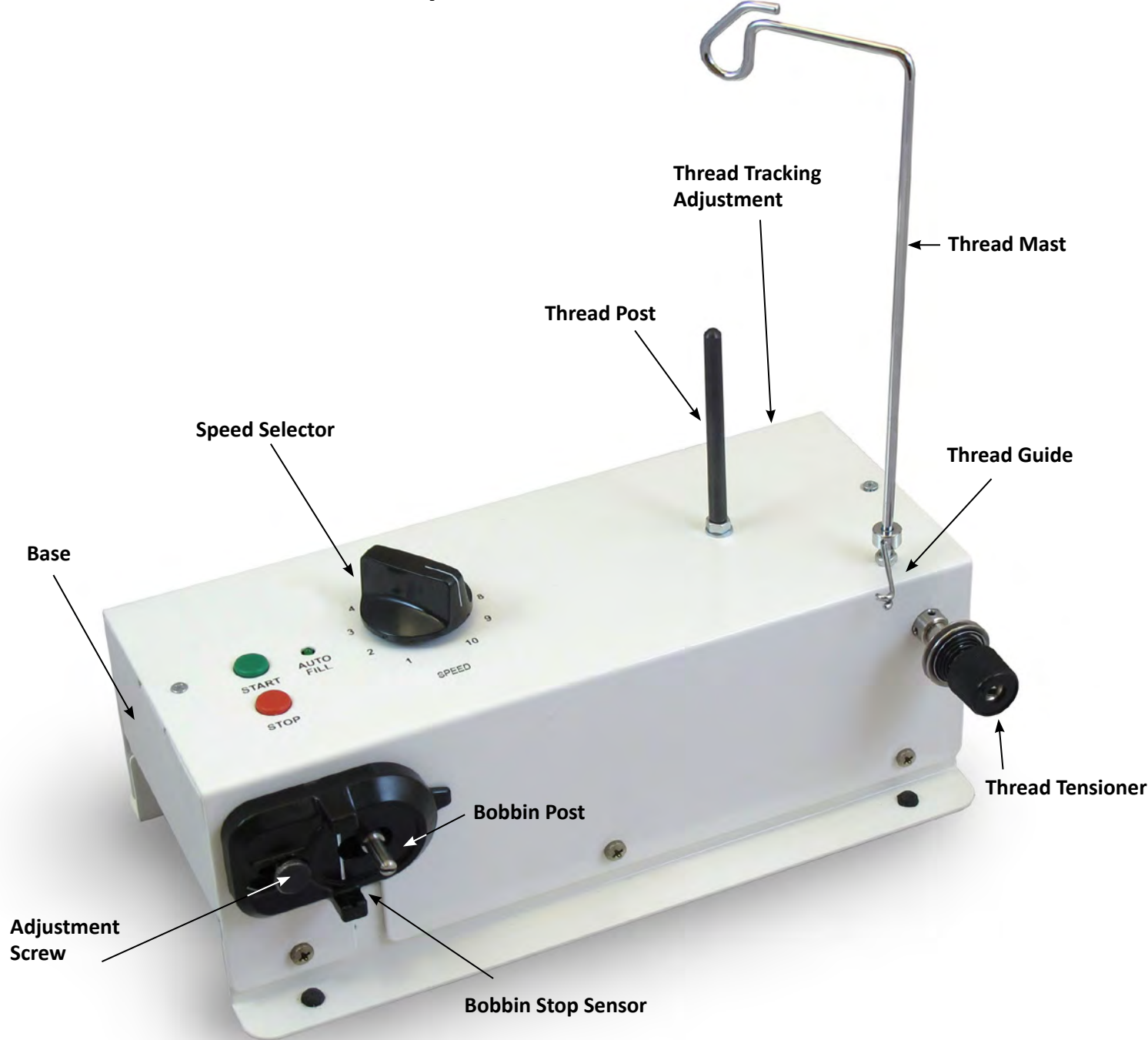
Artistic Quilter recommends customers dispose of any used electronic products in an environmentally sound manner by reusing parts or whole products and recycling products, components and/or materials.

Waste Electrical and Electronic Equipment (WEEE) Directive



In the European Union, this label indicates that this product should not be disposed of with household waste. It should be deposited at an appropriate facility to enable recovery and recycling. For information on how to recycle this product in your country, contact your Artistic Quilter Dealer.

Artistic Bobbin Winder Components



AC Power Cord



Power Adapter

Assembly Instructions

Thread Post

1. Screw the nut to the thread post. Add washer. Thread post into threaded hole (**Figure 1 Detail**). Tighten clockwise down to the bobbin winder.

Thread Mast

2. To install thread mast, first slide the thread guide onto the thread mast (**Figure 2 Assembly Detail**). Make sure to orient the pigtail of the thread guide down, relative to the thread mast. Next screw the nut onto the threads at the bottom of the thread mast. Slip a washer over the threaded portion of the thread mast and screw thread mast into the bobbin winder base. Position the loop at the top of the thread mast so it is directly over the spool pin.

While holding the thread mast in position, tighten the nut at the bottom of the thread mast.

Position the thread guide over the nut. Angle the thread guide slightly to the left toward the bobbin area. Then secure the thread guide in place using the small hex wrench to tighten the set screw found in the collar of the thread guide.

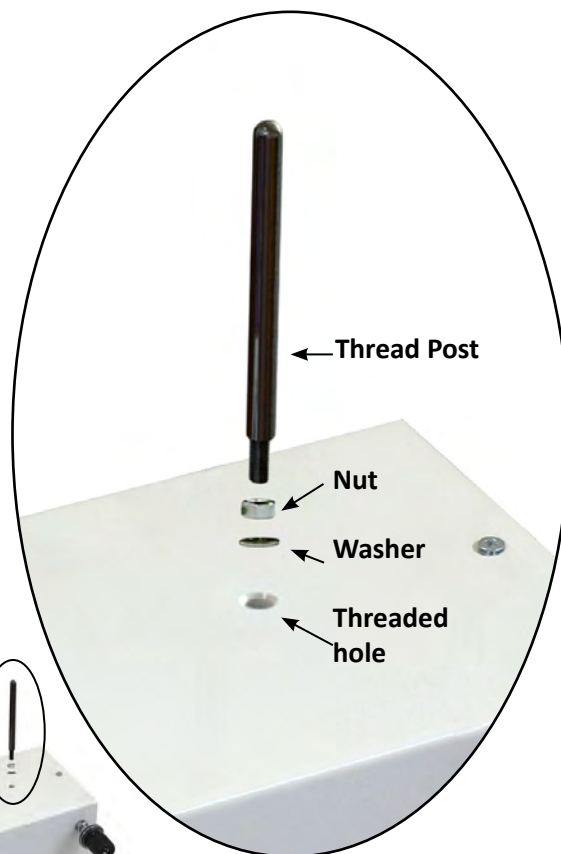
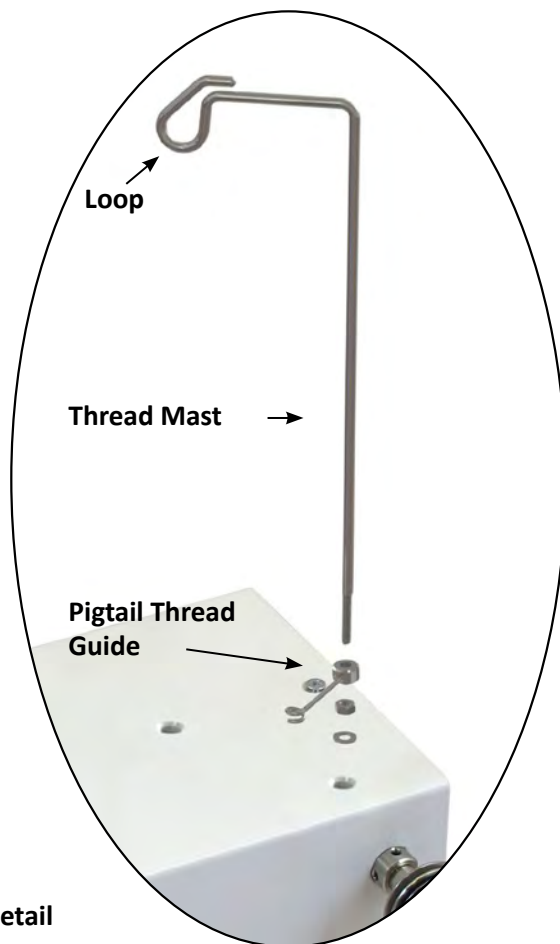
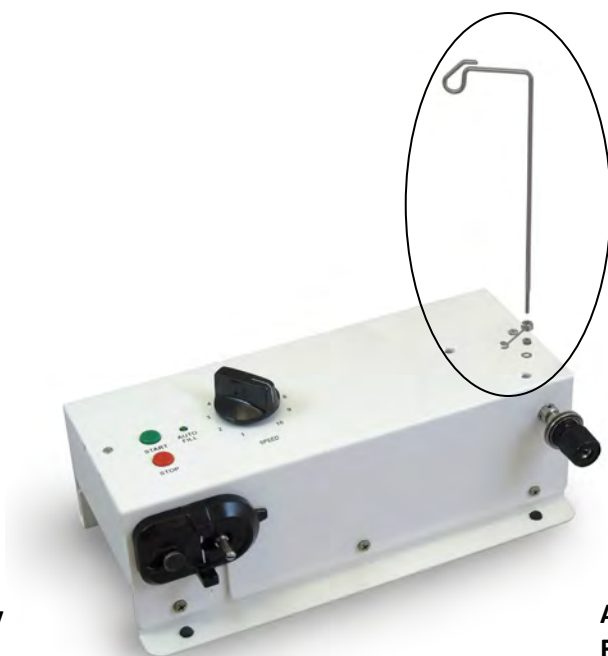


Figure 1 and Figure 1 Detail



Assembly
Figure 2 Detail



Assembly
Figure 2

3. Plug the DC power cord from the power adapter into the side of the bobbin winder (**Figure 3**).
4. Plug the AC power cord into the power adapter (**Figure 4**).
5. Plug the other end of the AC power cord into the wall outlet (**Figure 5**). **Note:** *The power adapter enables the bobbin winder to work in all countries with the appropriate power cord for that country and without the need of a transformer or similar adapter. Contact your local Artistic Quilter retailer to obtain the appropriate power cord.*



Figure 3



Figure 4



Figure 5

Bobbin Winder Controls

All controls are shown in Figure 6.

Stop Button (Red)

The red button stops the bobbin winder once it has started.

Start Button (Green)

The green button starts the bobbin winder. Press and release the button to wind the bobbin. When the bobbin is full the stop sensor will turn the machine off. If the stop sensor is not correctly adjusted and has tripped before the desired fill amount, pressing and holding the green button down will continue to wind the bobbin until the button is released.

Speed Selector

Rotate the speed selector knob to adjust the winding speed. Winding speed can be adjusted while the bobbin is winding.

Auto Fill LED Indicator

The LED is on when no bobbin or an empty or partially-full bobbin is in the winder and it will flash while winding a bobbin. When the stop sensor is tripped, the LED turns off until the bobbin is removed from the winder.

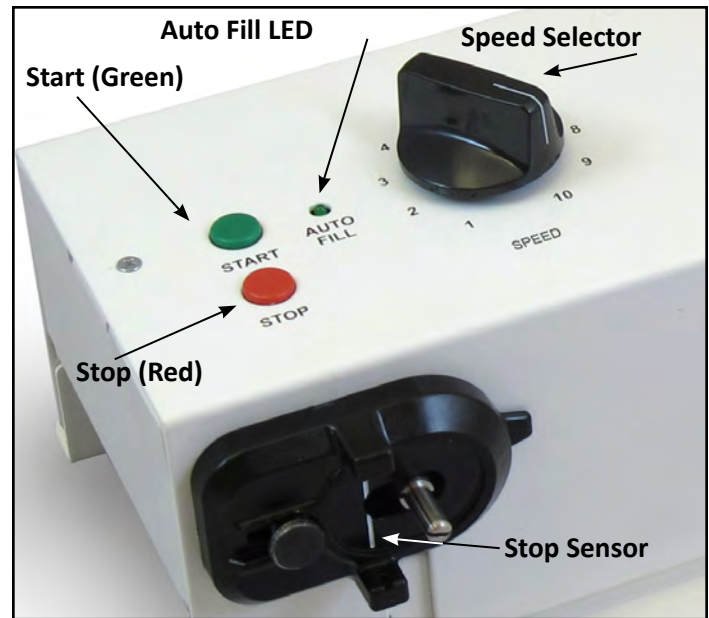


Figure 6

Using the Artistic Bobbin Winder

The Artistic Bobbin Winder is designed to wind bobbins for your Artistic Quilter machine and will wind all M-class bobbins. The bobbin winder includes a winding speed control that allows winding bobbins at up to 3500 RPM.

1. Place the thread cone on the thread post to keep the thread steady (**Figure 7**).

2. Place a bobbin on the bobbin post.

Tip: Make sure to push the bobbin all the way on the post each time for consistent winding.

3. Thread the Artistic Quilter Bobbin Winder as shown in Figure 8 by feeding the thread through the loop (1) at the top of the thread mast and then into the thread



Figure 7

guide (2) between the mast and the thread tensioner (3). Guide the thread into the tensioner making sure to floss the thread firmly between the discs. Then wrap it around the bobbin in a clockwise direction (4) (**Figure 8**).

The thread guide works best when positioned at the bottom of the thread mast, angled to the left toward the bobbin area. If the thread comes out of the tensioner discs during winding, loosen the set screw in the thread guide collar and reposition the thread guide to the left (toward the bobbin spindle). After it is in position, tighten the set screw.

4. Use the speed selector knob to select the winding speed. Hold the thread end and press the green button to start winding the bobbin. If the thread does not catch, press the red stop button, rewrap the thread, and start winding the bobbin again.

If using a slotted bobbin, feed the end of the thread from the inside of the bobbin to the outside through the slot. Hold thread end as you begin to wind.

Optional Accessory

If using a spool of thread rather than a thread cone, use an optional horizontal spool pin (available from Artistic Quilter) attached to the thread post (**Figure 9**). See your Artistic Dealer to order.

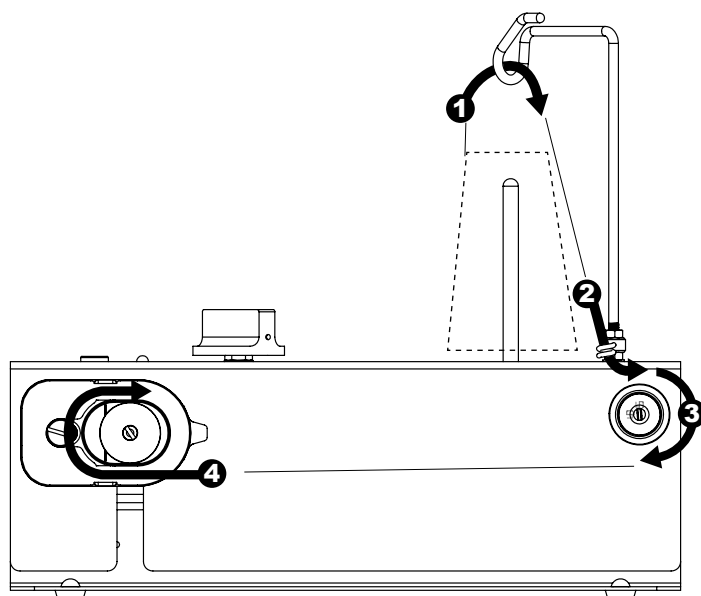


Figure 8



Figure 9

Adjusting the Bobbin Sensor Assembly

The Stop Sensor is adjusted at the factory for an M-class bobbin with bobbin weight (fine) thread. If you prefer more or less thread on your bobbin, the sensor can be changed with a simple procedure.

1. Fill a sample bobbin with your chosen thread, allowing the bobbin winder to stop automatically.
2. If the bobbin was wound with too much thread, loosen the bobbin stop sensor's adjustment screw enough to be able to move the sensor assembly (**Figure 10**).

Move the sensor assembly toward the bobbin, until the embossed line on the assembly reaches to a just before where you want the bobbin to stop filling. Retighten the adjustment screw.

3. Place an empty bobbin on the bobbin post, thread the Artistic Quilter Bobbin Winder and press the start (green) button to start the winder. When the sensor stops the winder, press the green button until the bobbin is as full as you want.
4. Re-adjust the sensor by loosening the adjustment screw enough to be able to move the sensor assembly. Move the assembly until the LED indicator turns on, then move the assembly back slightly and tighten the screw.

Bobbins will now fill with thread to your chosen amount of fullness, as long as you are filling the same size bobbin.

5. You have the flexibility of resetting the sensor for different bobbins and thread types by following *Steps 1-4* above.

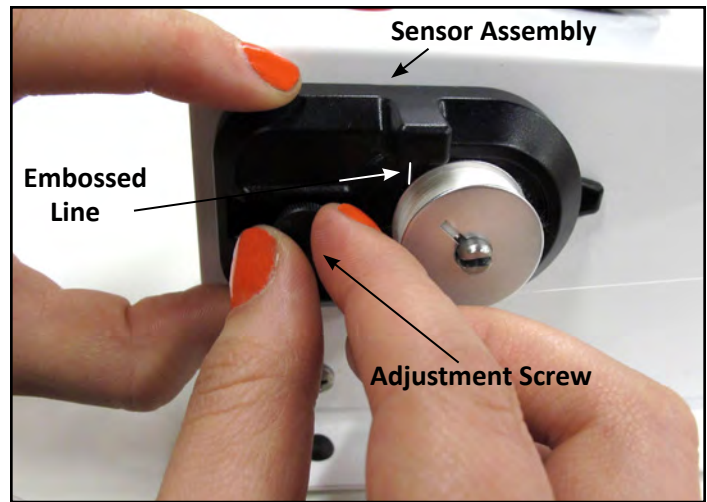


Figure 10

Adjusting the Thread Tension

The Artistic Bobbin Winder was designed to give you the flexibility you need to work with different threads and bobbins.

Having a proper wind on a bobbin is critical to good stitching. A bobbin that is wound too loosely will allow the thread to become tangled or embedded into itself. A bobbin that is wound too tightly may warp the bobbin, causing permanent damage and creating a “bulge” that keeps the bobbin from fitting properly in the bobbin case.

You may want to adjust the thread tension to accomplish the best wind for the thread you are using. Use the following instructions to adjust the thread tension on the winder to provide a smooth bobbin fill with a firm surface.

1. Locate the tensioner knob on the front of the bobbin winder base (**Figure 11**).
2. Adjust the tension by turning the knob, using one-quarter turn increments for best results.
3. Turn the tension knob clockwise to tighten the tension.
4. Turn the tension knob counter-clockwise to loosen the tension.

Thread Tracking Adjustment

The thread tracking adjustment on the Artistic Bobbin Winder is adjusted at the factory for an optimal wind on the bobbin. However, bobbins can vary slightly, so the winder was designed to give you the flexibility you need to work with different threads and bobbins. If the factory setting does not allow a proper fill, it can be changed with the simple procedure outlined below.

1. Locate the knob opposite the thread tensioner on the back side of the bobbin winder base (**Figure 12**). **NOTE: This isn't the knob on the thread tensioner itself.**

2. Rotate this knob to extend or retract the thread tensioner on the front for better alignment with the bobbin.

Turn the knob clockwise to move the thread tensioner closer to the bobbin winder base.

Turn the knob counter-clockwise to move the tensioner farther away from the bobbin winder base.



Figure 11



Figure 12

Troubleshooting the Bobbin Winder

Power Issues

Issue	Action
Bobbin winder has no power	Check first: Ensure the power cord is plugged into the wall.
	Check second: Ensure the power cord fits tightly and is fully inserted into the power supply.
	Check third: Ensure the power supply light (usually a green light) is bright. If it is dim, the power supply may not have full voltage and therefore is not able to power the motor.
	Check fourth: Ensure the green light on the top of bobbin winder is on. (This light goes off when unplugged and flashes while the bobbin winder is winding. It also goes off if the beam on the sensor is interrupted with your finger or a full bobbin.)
	If after checking the four items above the bobbin winder still has no power, take it to an authorized Artistic Quilter representative for service.
Bobbin winder doesn't automatically shut off	If the bobbin winder receives too much sunlight, it is possible for the shut-off sensor to be overpowered by the ambient light and it will not shut off when the bobbin is full. In this case the bobbin winder will continue running and overfill no matter where the shut-off sensor is adjusted. To ensure that the bobbin winder shuts off properly, place the bobbin winder in an area where the shut-off sensor will not be in direct sunlight.

CAUTION: Use the bobbin winder power supply with the bobbin winder only. Do not use it with the TruStitch for Receiver as it will damage the Receiver.

Mechanical Issues

Issue	Action
Cannot tighten the thread mast	The bobbin winder thread mast may have a little thread relief at the top of the threads, causing the nut to spin and preventing it from tightening the thread mast loop over the thread cone. Turn the nut counterclockwise to ensure connects with the threads on the thread mast, then tighten it to secure the mast over the thread cone.
Thread comes out of the bobbin winder's tension assembly	Ensure that the pigtail thread guide is rotated slightly to the left of the tension assembly. This pulls the thread further into the tension disks so it will not pop out of the discs during winding. If the thread is slippery and continues to come out, try double-wrapping it around the tensions discs. Note: Use this technique only if nothing else works.
Bobbin winder runs but the bobbin doesn't spin	Remove bobbin from bobbin post. Use a flat screw driver to gently pry apart the two tines on the bobbin post to increase the gap between them. Bobbins should press firmly on to the shaft. After this adjustment, bobbins should spin properly and not slip while the bobbin post spins.
Bobbin fills inconsistently with thread	<p>Make sure the bobbin is fully pushed on to the bobbin post. If necessary adjust the thread tracking adjustment knob (on the back of the bobbin winder, directly opposite the tension assembly). Turn it gradually clockwise (to move the tension assembly closer to the bobbin-winder base) or counterclockwise (to move the tension assembly away from the bobbin-winder base) until the bobbin winds evenly.</p> <p>NOTE: Although the thread tracking knob was set at the factory, it can require adjustment if bobbins aren't consistently pushed on to the bobbin post.</p>

TruStitch[®]

For Artistic[®]

USER MANUAL



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Important Information

Regulatory Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and Receiver.
- Connect the equipment into an outlet on a circuit different from that to which the Receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This Class B digital apparatus complies with Part 15 of the U.S. Federal Communications Commission (FCC) rules, Canadian ICES-003 and RSS-210. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The term "IC:" before the certification/registration number only signifies that the Industry Canada technical specifications were met.

Réglemmentations

Cet appareil numérique de la classe B est conforme aux normes NMB-003 et CNR-210 du Canada. Son fonctionnement est assujéti aux deux conditions suivantes: (1) Cet appareil ne puet pas provoquer d'interférences nuisibles et (2) cet appareil doit accepter toute interference recue, y compris les interferences pouvant entraîner un fonctionnement non desire.

L'expression «IC:» avant le numéro d'homologation/enregistrement signifie seulement que les specifications techniques édictées par Industrie Canada ont été respectées.

Radio Frequency Interference

This product uses the unlicensed Industrial, Scientific and Medical (ISM) radio band, which begins at 2.400 GHz and extends to 2.483 GHz. Many commonly used products also share this band, including WiFi (wireless) network routers and cordless telephones. Correct and consistent operation of this product may be affected by these conflicting devices.

RF Technical Specifications

RF Output Power: < 92 dBµV/m at 3m

Radio Band: 2.400 GHz to less than 2.483 GHz.

Radio Channels: 34 channels, auto selection.

Laser Safety Information

CLASS 1 Laser Product

The Controller contains an invisible laser device that complies with stringent safety requirements. The product meets the U.S. DHHS and IEC 60825-1 laser safety standard requirements for and is classified as a Class 1 laser product. Under this classification, Class 1 denotes lasers whose radiation does not pose a hazard under normal or single fault conditions. There is no risk to eyes including use of an optical instrument. There is no risk to skin.

Safety Considerations

WARNING: To protect against risk of fire, bodily injury, electrical shock or damage to the product:



- Do not immerse any part of this product in water or other liquid.
- Do not spray liquid on this product or allow excess liquid to drip inside.
- Do not use this product if it has sustained damage, such as a damaged cord or plug.
- Clean only with a damp cloth. Use water and a light detergent such as dishwashing detergent if needed.

Informations générales en matière de sécurité

AVERTISSEMENT: Pour protéger contre tout les risques de feu, blessures corporelles, chocs électrique ou risque d'endommager ce produit.



- Ne pas immerger aucune partie de ce produit dans l'eau ou tout autre liquide.
- Ne jamais vaporiser cette machine ou permettre un excès de liquide de tomber goutte à goutte à l'intérieur.
- Ne jamais utiliser la machine si elle a été endommagée, tel que corde électrique ou prise de courant avarié.
- S'il est nécessaire de nettoyer la machine, un torchon humide avec un détergent léger (tel qu'un détergent vaisselle) suffirais.

Environmental Considerations

Recycling Information

Artistic recommends that customers dispose of their used electronic products in an environmentally sound manner. Potential methods include reuse of parts or whole products and recycling of products, components and/or materials.

Waste Electrical and Electronic Equipment (WEEE) Directive



In the European Union, this label indicates that this product should not be disposed of with household waste. It should be deposited at an appropriate facility to enable recovery and recycling. For information on how to recycle this product in your country, contact your Artistic Dealer.

Important Battery Information

Caution – Do not attempt to replace the battery. Your warranty is void if you attempt to do so. Contact your Artistic Dealer for battery replacement.

General Precautions

- Keep batteries out of the reach of children.
- If a battery leaks, remove the battery and recycle or dispose of it in accordance with the local and national disposal regulations.

Special Precautions

The precautions below are to prevent the sudden release of electrolytes, which these prohibited actions can cause:

- Do not install batteries incorrectly.
- Do not open, puncture, or mutilate a battery.
- Do not heat batteries.
- Do not use a fire to dispose of batteries.

Released battery electrolyte is corrosive, can cause damage to the eyes and skin, and may be toxic if swallowed.

Battery Disposal



WARNING: Do not dispose of the battery in a fire or with household waste. Contact your local waste disposal agency for the address of the nearest battery deposit site.

The Controller uses a rechargeable Lithium-ion battery for power. Do not attempt to replace this battery. The battery may only be replaced at the factory or by authorized Artistic Dealers. Contact your Artistic Dealer should you require a battery replacement.

Do not dispose of the product's battery in a fire or with household waste. Battery cells may explode. Discard a used battery according to the manufacturer's instructions or contact your local waste disposal agency for disposal instructions. Dispose of a spent or damaged battery promptly.

Consignes concernant les batteries



AVERTISSEMENT: ne jetez pas la batterie au feu ni avec les ordures ménagères. Contactez le service municipal de traitement des déchets pour connaître l'adresse du site de dépôt de batteries le plus proche.

Le Controller utilise une pile lithium rechargeable pour son énergie. N'essayez pas de remplacer la pile. La Pile (ou batterie) doit être remplacée à l'usine par un représentant autorisé et entraîné par Artistic. Contactez Artistic si vous avez besoin de remplacer la pile (batterie).

Ne jetez pas la batterie de votre produit au feu ni avec les ordures ménagères. Les éléments de la batterie risquent d'exploser. Débarrassez-vous de la batterie usagée selon les instructions du fabricant ou contactez le service municipal de traitement des déchets afin de connaître les instructions de mise au rebut. Débarrassez-vous rapidement d'une batterie usagée ou endommagée.

Batteries Directive

In the European Union, this label indicates that batteries in this product should be collected separately and not be disposed of with household waste. Substances in batteries can have a potential negative impact on health and environment and you have a role in recycling waste batteries, thus contributing to the protection,



preservation, and improvement of the quality of the environment. You should contact your local authority of retailer for details of the collection and recycling schemes available.

Health Warning

When using this product, as with many activities, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. However, if you experience symptoms such as persistent or recurring discomfort, pain, throbbing, aching, tingling, numbness, burning sensation, or stiffness, **DO NOT IGNORE THESE WARNING SIGNS. PROMPTLY SEE A QUALIFIED HEALTH PROFESSIONAL**, even if symptoms occur when you are not working with the product. Symptoms like these can be associated with painful and sometimes permanently disabling injuries and disorders of the nerves, muscles, tendons, or other parts of the body. These musculoskeletal disorders (MSDs) include carpal tunnel syndrome, tendonitis, tenosynovitis, and other conditions.

Avertissement de la Santé

En utilisant ce produit, comme avec de nombreuses activités, vous pouvez ressentir des douleurs dans vos mains, bras, épaules, cou, ou d'autres parties de votre corps. Cependant, si vous ressentez des symptômes tels qu'un malaise persistant ou récurrent, la douleur, lancinante, des douleurs, des picotements, des engourdissements, sensation de brûlure ou une raideur, **ne pas ignorer ces signes d'avertissement. CONSULTEZ RAPIDEMENT UN MÉDECIN**, même si les symptômes se produisent lorsque vous ne travaillez pas avec le produit. Les symptômes tels que ceux-ci peuvent être associées à des blessures douloureuses et parfois une invalidité permanente et des troubles des nerfs, muscles, tendons, ou d'autres parties du corps. Ces troubles musculo-squelettiques (TMS) sont le syndrome du tunnel carpien, la tendinite, la ténosynovite, et d'autres conditions.

Product Description

The TruStitch for Artistic is designed to turn the Artistic Quilter SD-16 into a stitch-regulated quilting machine. It uses patented technology (US9115451) to track your sewing motion and thereby regulate the stitch lengths as you move the fabric around the table. The Controller uses high-resolution, optical tracking and radio frequency circuitry to follow your every motion while quilting. The Receiver receives the motion information from the Controller and converts it to a format the Artistic Quilter SD-16 can use to control the stitching speed.

The Controller contains a long-life, rechargeable Lithium-ion battery for wireless operation. A charging cable is provided to connect the USB-B type connector on the Controller to the USB-A type connector on the Receiver to recharge the battery. The Controller may still be used for quilting while charging if care is taken to avoid piercing the charge cable with the needle. The Receiver is powered with a power module. A machine interface cable connects the Receiver to the foot pedal connector on the machine. The foot pedal plugs into the Receiver and acts to enable the stitch regulation when in regulation mode.

Informations importantes

Informations sur les réglementations

Cet équipement a été testé et jugé conforme aux limites établies pour un appareil numérique de classe B, conformément à la partie 15 de la réglementation de la FCC. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle. Cet équipement génère, utilise et peut émettre une énergie de fréquence radio et, s'il n'est pas installé et utilisé conformément aux instructions, peut causer des interférences nuisibles aux communications radio. Cependant, rien ne garantit que des interférences ne se produiront pas dans une installation particulière. Si cet équipement provoque des interférences nuisibles à la réception radio ou télévision, ce qui peut être déterminé en mettant l'équipement hors et sous tension, l'utilisateur est encouragé à essayer de corriger les interférences à l'aide d'une ou de plusieurs des mesures suivantes :

- Réorienter ou déplacer l'antenne de réception.
- Augmenter la distance entre l'équipement et le Récepteur.
- Connecter l'équipement à une prise située sur un autre circuit que celui sur lequel le Récepteur est branché.
- Consulter le revendeur ou un technicien radio / télévision qualifié pour obtenir de l'aide.

Cet appareil numérique de classe B est conforme à l'alinéa 15 de la réglementation de la Federal Communications Commission (FCC), à la norme canadienne ICES-003 et à RSS-210. Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas provoquer d'interférences, et (2) cet appareil doit accepter toute interférence reçue, y compris les interférences pouvant provoquer un fonctionnement indésirable.

L'expression « IC : » placée devant le numéro de certification / d'enregistrement signifie simplement que les spécifications techniques d'Industrie Canada ont été respectées.

Réglementations

Cet appareil numérique de la classe B est conforme aux normes NMB-003 et CNR-210 du Canada. Son fonctionnement est assujéti aux deux conditions suivantes: (1) Cet appareil ne peut pas provoquer d'interférences nuisibles et (2) cet appareil doit accepter toute interférence reçue, y compris les interférences pouvant entraîner un fonctionnement non désiré.

L'expression « IC: » avant le numéro d'homologation/ enregistrement signifie seulement que les spécifications techniques édictées par Industrie Canada ont été respectées.

Interférences de fréquence radio

Cet appareil utilise la bande radio sans licence ISM (Industriel, Scientifique et Médical), qui va de 2,400 GHz à 2,483 GHz. De nombreux produits d'usage courant partagent également cette bande, y compris les routeurs réseau WiFi (sans fil) et les téléphones sans fil. Le fonctionnement correct et cohérent de ce produit peut être affecté par des conflits avec ces appareils.

Caractéristiques techniques RF

Puissance de sortie RF: < 92 dBµV/m à 3 m

Bande radio: de 2,400 GHz à moins de 2,483 GHz.

Canaux radio: 34 canaux, sélection automatique.

Consignes de sécurité concernant le laser

Produit laser de CLASSE 1

Le contrôleur Artistic contient un laser invisible conforme aux normes de sécurité les plus strictes. Le produit répond aux normes de sécurité standard en matière de laser IEC 60825-1 et DHHS (États-Unis) et est classé comme produit laser de classe 1. Selon cette classification, la classe 1 désigne les lasers dont le rayonnement ne présente pas de risque dans des conditions normales ou de défaut unique. Il n'y a pas de risque pour les yeux, y compris l'utilisation d'un instrument optique. Il n'y a pas de risque pour la peau.


Consignes de sécurité



AVERTISSEMENT : afin de vous protéger contre les risques d'incendie, de blessures, de choc électrique ou d'endommagement du produit :

- Ne plongez aucune partie de ce produit dans l'eau ou tout autre liquide.
- Ne vaporisez pas de liquide sur ce produit et ne laissez pas s'égoutter un excès de liquide à l'intérieur.
- N'utilisez pas ce produit s'il a subi des dommages (par ex. cordon ou fiche endommagés).
- Nettoyez-le uniquement avec un chiffon humide. Utilisez de l'eau et un détergent léger tel qu'un détergent à vaisselle si nécessaire.

Informations générales en matière de sécurité

 **AVERTISSEMENT** : pour éviter tout risque d'incendie, de blessures corporelles, de choc électrique ou d'endommagement de ce produit.


- Ne pas immerger une partie quelconque de ce produit dans l'eau ou tout autre liquide.
- Ne jamais vaporiser cette machine ou permettre à un excès de liquide de tomber goutte à goutte à l'intérieur.
- Ne jamais utiliser la machine si elle a été endommagée, par exemple si le cordon électrique ou la prise de courant a été endommagé.
- S'il est nécessaire de nettoyer la machine, il suffit d'utiliser un torchon humide avec un détergent léger (tel qu'un détergent pour la vaisselle).

Considérations environnementales

Informations sur le recyclage

Artistic recommande aux clients de se débarrasser de leurs produits électroniques usagés d'une manière respectueuse de l'environnement. Les méthodes possibles comprennent la réutilisation des pièces ou des produits entiers et le recyclage des produits, des composants et / ou des matériaux.

Directive WEEE (Waste Electrical and Electronic Equipment)

 Dans l'Union européenne, ce label indique que ce produit ne doit pas être jeté avec les ordures ménagères. Il doit être déposé à un site approprié afin de permettre sa récupération et son recyclage. Pour plus d'informations sur la façon de recycler ce produit dans votre pays, contactez votre revendeur Artistic.

Informations importantes concernant la batterie

Mise en garde – Ne tentez pas de remplacer la batterie. Votre garantie sera annulée si vous essayez de le faire. Contactez Artistic ou un représentant agréé Artistic pour le remplacement de la batterie.

Précautions générales

- Gardez les batteries hors de la portée des enfants.
- Si une pile fuit, retirez-la et recyclez ou jetez-la en conformité avec les réglementations locales et nationales correspondantes.


Précautions particulières

Les précautions ci-dessous servent à éviter la libération soudaine d'électrolytes, que ces actions interdites peuvent provoquer :

- N'installez pas les batteries de manière incorrecte.
- N'ouvrez pas, ne percez pas et ne mutilez pas les batteries.
- Ne chauffez pas les batteries.
- Ne jetez pas les batteries au feu.

Les électrolytes de batterie sont corrosifs, peuvent causer des dommages aux yeux et à la peau, et peuvent être toxiques en cas d'ingestion.


Mise au rebut de la batterie

 **AVERTISSEMENT** : ne jetez pas la batterie au feu ou avec les ordures ménagères. Contactez votre agence locale d'élimination des déchets pour connaître l'adresse du site de dépôt de batterie plus proche.

Le contrôleur Artistic utilise une batterie au lithium-ion rechargeable comme alimentation. N'essayez pas de remplacer cette batterie. La batterie doit être remplacée uniquement en usine ou par des représentants agréés Artistic formés à cet effet. Contactez Artistic si vous avez besoin de remplacer la batterie.

Ne jetez pas la batterie du produit au feu ou avec les ordures ménagères. Les éléments de la batterie peuvent exploser. Jetez les batteries usagées conformément aux instructions du fabricant ou contactez votre agence municipale de traitement des déchets pour obtenir les instructions de mise au rebut. Débarrassez-vous rapidement des batteries usagées ou endommagées.


Consignes concernant les batteries

 **AVERTISSEMENT**: ne jetez pas la batterie au feu ni avec les ordures ménagères. Contactez le service municipal de traitement des déchets pour connaître l'adresse du site de dépôt de batteries le plus proche.

Le Contrôleur utilise une pile lithium rechargeable pour son énergie. N'essayez pas de remplacer la pile. La Pile (ou batterie) doit être remplacée à l'usine par un représentant agréé et formé par Artistic. Contactez Artistic si vous avez besoin de remplacer la pile (batterie).

Ne jetez pas la batterie de votre produit au feu ni avec les ordures ménagères. Les éléments de la batterie risquent d'exploser. Débarrassez-vous de la batterie usagée selon les instructions du fabricant ou contactez le service municipal de traitement des déchets afin de connaître les instructions de mise au rebut. Débarrassez-vous rapidement d'une batterie usagée ou endommagée.

Directive concernant les batteries

 Dans l'Union européenne, ce label indique que les batteries contenues dans ce produit doivent être collectées séparément et ne pas être jetées avec les ordures ménagères. Les substances des batteries peuvent affecter la santé et l'environnement et vous avez un rôle à jouer dans le recyclage des déchets de batteries, de manière à contribuer à la protection, la préservation et l'amélioration de la qualité de l'environnement. Contactez votre autorité locale de détaillant pour en savoir plus sur les dispositifs de collecte et de recyclage disponibles.

Avertissement concernant la santé

Lors de l'utilisation de ce produit, comme dans de nombreuses activités, vous pouvez ressentir une gêne occasionnelle aux mains, aux bras, aux épaules, au cou ou à d'autres parties du corps. Cependant, si vous ressentez des symptômes tels qu'une gêne persistante ou récurrente, des douleurs, des palpitations, des picotements, un engourdissement, une sensation de brûlure ou de la raideur, **N'IGNOREZ PAS CES SIGNES AVANT-COUREURS. CONSULTEZ RAPIDEMENT UN MÉDECIN**, même si les symptômes se produisent lorsque vous n'utilisez pas le produit. Les symptômes de ce type peuvent être associés à des blessures douloureuses et parfois permanentes et à des affections des nerfs, des muscles, des tendons, ou d'autres parties du corps. Ces troubles musculo-squelettiques (TMS) incluent le syndrome du canal carpien, la tendinite, la ténosynovite, et d'autres pathologies.

Avertissement de la Santé

En utilisant ce produit, comme avec de nombreuses activités, vous pouvez ressentir des douleurs dans vos mains, bras, épaules, cou, ou d'autres parties de votre corps. Cependant, si vous ressentez des symptômes tels qu'un malaise persistant ou récurrent, une douleur lancinante, des douleurs, des picotements, des engourdissements, sensation de brûlure ou une raideur, **ne pas ignorer ces signes d'avertissement. CONSULTEZ RAPIDEMENT UN MÉDECIN**, même si les symptômes se produisent lorsque vous ne travaillez pas avec le produit. Les symptômes tels que ceux-ci peuvent être associés à des blessures douloureuses et parfois une invalidité permanente et des troubles des nerfs, muscles, tendons, ou d'autres parties du corps. Ces troubles musculo-squelettiques (TMS) sont le syndrome du tunnel carpien, la tendinite, la ténosynovite, et d'autres conditions.

Description du produit

Le régulateur de points TruStitch for Artistic est conçu pour transformer la Artistic Quilter SD-16 en une machine à quilting à régulation de points. Il utilise une technologie brevetée pour suivre vos mouvements de couture et réguler ainsi les longueurs de point lorsque vous déplacez le tissu sur la table. Le Contrôleur utilise un système de suivi optique haute résolution et des circuits radiofréquence pour suivre le moindre de vos mouvements pendant le quilting. Le Récepteur reçoit les informations de mouvement du Contrôleur et les convertit en un format exploitable par la Artistic Quilter SD-16 pour contrôler la vitesse de couture.

Le Contrôleur contient une batterie au lithium-ion rechargeable à longue durée de vie pour une utilisation sans fil. Un câble de chargement est fourni pour brancher le connecteur USB-B du Contrôleur au connecteur USB-A du Récepteur afin de recharger la batterie. Le Contrôleur peut être utilisé pour quilting pendant le chargement si l'on prend soin de ne pas percer le câble de charge avec l'aiguille. Le Récepteur est alimenté par un module d'alimentation. Un câble d'interface machine relie le Récepteur au connecteur de la pédale de la machine. La pédale se branche sur le Récepteur et active la régulation de points en mode de régulation.

TruStitch for Artistic Components



Figure 1. TruStitch for Artistic Components

Pre-installation Instructions

Battery Charging

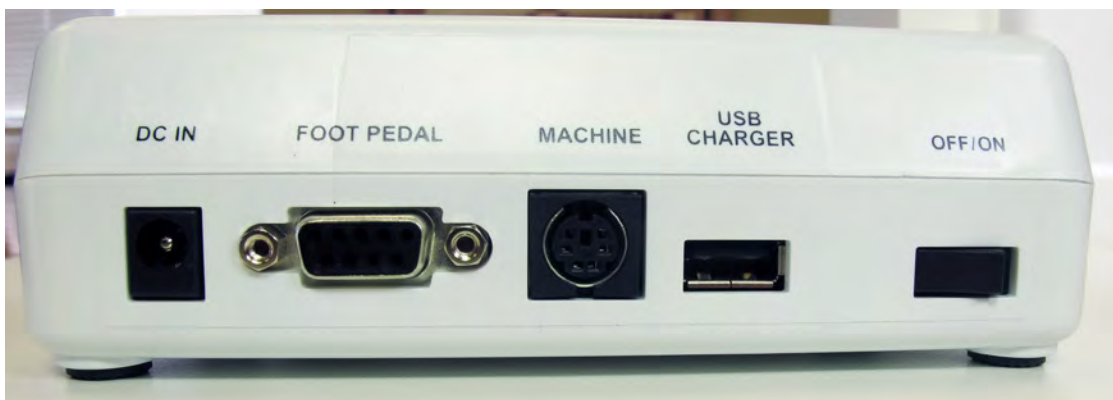
The battery on the Controller may not be fully charged when the product arrives.

It is a good idea to plug the charging cable into the Controller and Receiver and then plug the wall power module into the Receiver to start the charging. A blue light will be seen through one of the clear dots on top of the Controller while it is charging. When that blue light disappears, the Controller is fully charged and ready for use.

Installation Instructions

1. Install each cable into the appropriate connector or port (**Figures 2 & 3**). Please note that the Machine Interface Cable has one end that is identical to the Foot Pedal Connector. Be sure to install the other (round) end into the Receiver as shown in **Figure 3**.

Caution: Use only the Power Module that came with TruStitch for Artistic to power the Receiver. If you use a different power supply, such as the power supply that came with the Artistic Bobbin Winder, it could supply too much power to the Receiver and damage the internal electronics.



Power Module Connector (DC IN)
Foot Pedal Connector (FOOT PEDAL)
Machine Interface Cable Port (MACHINE)

Controller Charging Port (USB CHARGER)
OFF/ON Switch

Figure 2. Receiver Connectors/Ports/Switch

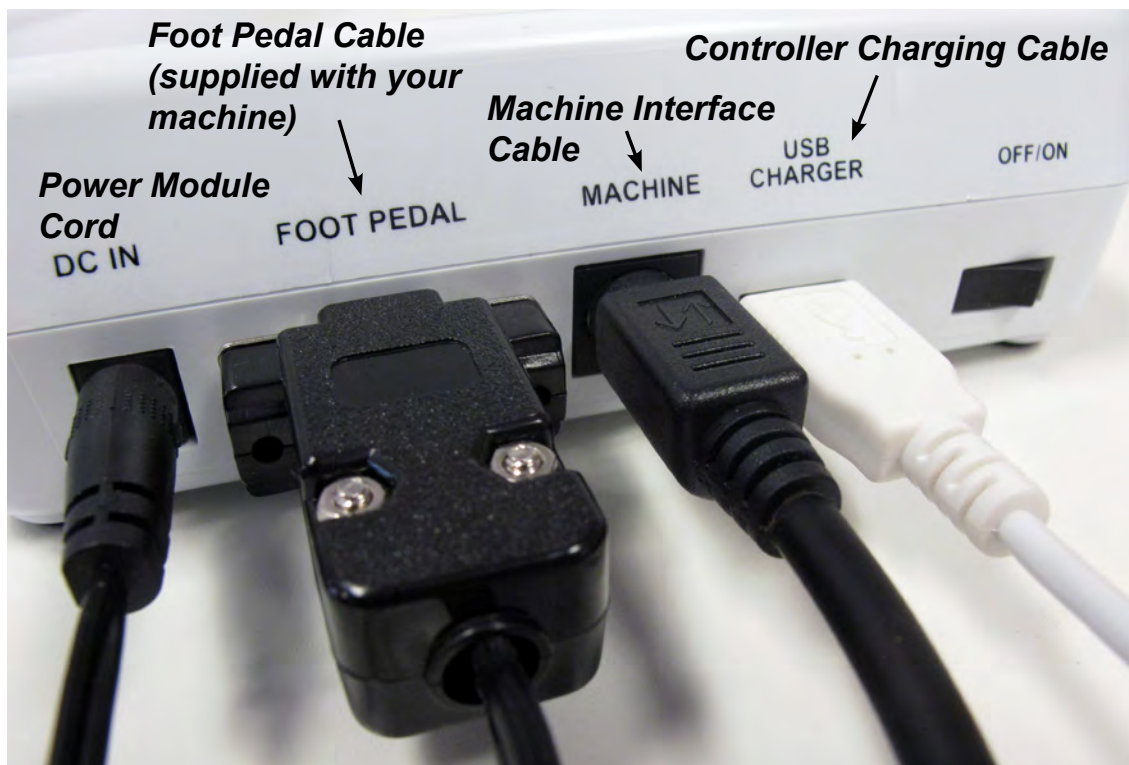


Figure 3. All Cables Installed

2. Install remaining end of Controller Charging Cable into the Controller as shown in **Figures 4 & 5**.



Figure 4. USB Mini-B style charging port on the Controller.



Figure 5. Charging cable installed. Note flat on cable is up.

3. With the machine and Controller turned off, install the Machine Interface Cable Connector to the machine foot pedal port (**Figure 6**). Secure the connector by turning the screw shafts (**Figure 7**).



Figure 6.



Figure 7.

4. The Receiver may sit on top of the table or on the shelf below the table. It may also be attached to the machine using the Velcro® strips provided, to secure it to the side of the control or power pod.

5. Plug the power module into a power outlet and turn units on in the following order:

1. Machine
2. Receiver
3. Controller

Indicator LED Identification

Both the Controller and Receiver have indicator LEDs to guide the user.

1. The **Controller** has a flashing WHITE LED that flashes only in low light conditions, such as when it is under the quilt. This helps the quilter find the Controller. The light shuts off when the Controller is in full light.

The second LED turns YELLOW when the Controller needs to be charged. It turns BLUE during charging and turns OFF when the Controller is fully charged (**Figure 8**).

2. The **Receiver** has three Indicator LEDs.

The left LED FLASHES RED when it is powered on, but not connected to the machine and/or the Controller.

The middle LED lights up YELLOW when the Controller needs to be charged. It turns off when charging.

The right LED lights BLUE when the unit is powered on. See Figure 9 for placement of these LEDs.

Finder LED

Charge Indicator LED

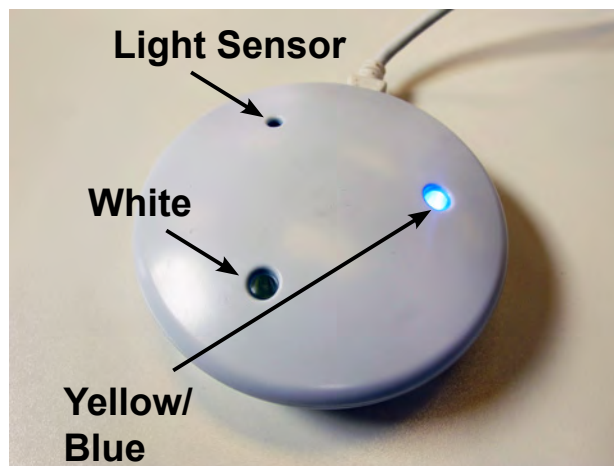


Figure 8.



Figure 9. Receiver Indicator LED Placement

Left: Connection Indicator LED (flashes RED when no connection)

Middle: Charge Indicator LED (turns YELLOW when Controller needs charging)

Right: Power Indicator LED (turns BLUE when Receiver is powered on)

Activating Stitch Regulation

Display Screens Information

The following information assumes you have received and installed the display and pod updates. See “Verify Compatibility” on Page 59 for more information.

1. Once the machine is powered up and the power module for the Receiver is plugged in, the machine will recognize that the Stitch Regulator is installed and will display a screen that looks like **Figure 10**.

Manual Mode

The top button on the left side of the displays are the Stitch Mode selectors, “Regulated” and “Manual”. The screen defaults to Manual mode. When “Manual” is pressed on the main screen the available features will change to Stitch Regulated features. In this mode, you have access to the stitching speed Presets and other features that are standard with the Artistic Quilter SD-16.

Regulated Mode

Pressing the Manual button on the main screen will change the mode to Stitch Regulated and the display will change. The “Speed Adjustment” and “Preset” sections on the right side of the screen will be replaced with a “Stitches-Per-Inch” section and a “Cruise” section (**Figure 11**).

A “Play/Pause” button is also added above the “Cruise” button on the center-right side of the screen to allow machine operation without having to press the foot pedal (**Figure 11**).

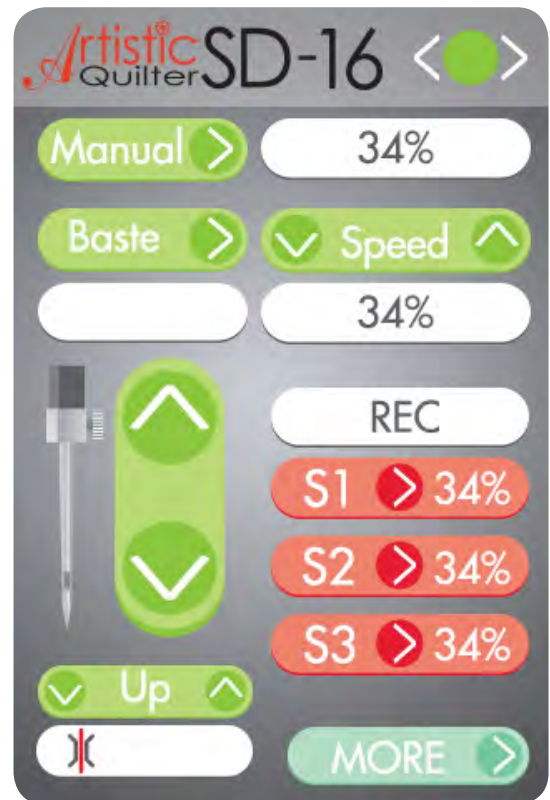


Figure 10. Artistic Quilter SD-16 Main Screen.

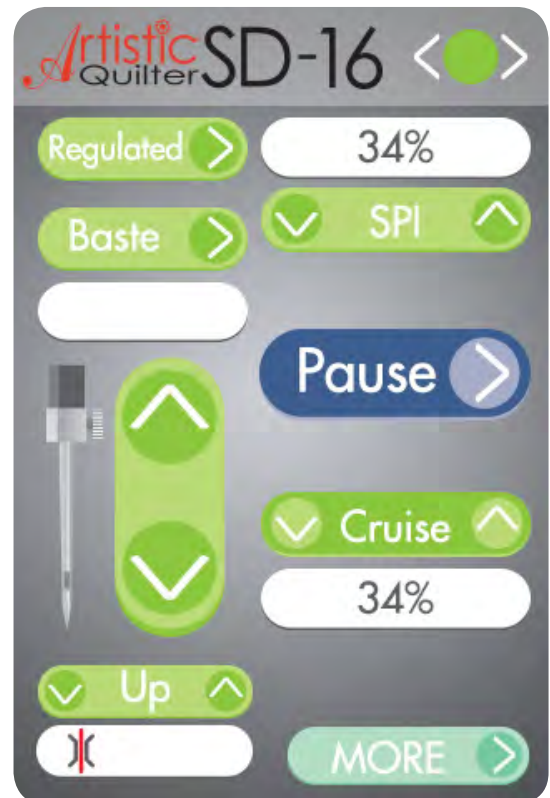


Figure 11. Stitch-Regulation Screen

Machine Operation

Manual Mode

When in manual mode, depressing the foot pedal will cause the sewing speed to increase, until the pedal is fully depressed, at which point, the machine speed matches the top speed setting.

Stitch-Regulated Mode

Turn the Controller on by using the switch on the bottom of the Controller. A bright white light will flash until it makes radio contact with the Receiver. Once contact is made, flashing will only occur if the ambient light is low, such as when you have the Receiver under the fabric.

Two Ways to Start/Stop in Stitch-Regulated Mode

Foot Pedal

In stitch-regulated mode, the foot pedal acts as a “Regulation Start” switch. Once sewing is started by depressing the foot pedal, pressing the foot pedal further will have no affect on the sewing speed. The pedal acts as a simple on-off switch.

Play/Pause Button

There is also a “foot pedal-free” mode of regulated operation with the TruStitch for Artistic. When in Regulated mode, a “Play/Pause” button can be found on the main screen at the center-right of the screen (**Figure 11** on Page 63). This button can be used to start and stop regulated operation in place of the foot pedal. Please note that the foot pedal must still be plugged into the Receiver for the TruStitch for Artistic to work.

Two Styles of Stitch Regulation

Cruise

The default Stitch-Regulation Style is called Cruise. When in Cruise stitching mode, depressing the pedal will start the machine at the defined Cruise (starting) speed. As the fabric and the Controller are moved together, the machine will regulate the machine speed, when the Controller motion is faster than the Cruise speed setting. It speeds up as you do, maintaining the Stitches-Per-Inch stitch length that you’ve chosen (see Using the Stitch Regulator, Page 55).

Using Cruise style allows you to ease gently into your stitching, creating smoother starts and stops. It is the best style choice for most quilting methods.

Precision

Setting the Cruise speed to 0 will automatically engage the Precision Style of Stitch Regulation.

When in Precision stitching style, depressing the pedal (or pressing the Play/Pause Button) activates the machine and starts regulation but the machine does not start sewing yet.

The status box on the top center part of the screen will turn from red to green to indicate the machine is active.

Moving the Controller with the fabric will start the machine stitching. When the Controller stops moving, the machine stops stitching, possibly in mid-stroke. The default Needle Up/Down choice is overridden by Precision.

Releasing the pedal or pressing the Pause/Play button stops machine operation and moves the needle to the chosen Needle Up/Down position.

Choosing a non-zero Cruise value will re-engage the Cruise setting.

Using the Stitch Regulator

The Controller is designed to track the motion of the Controller across the table, not the motion of the fabric during quilting. For proper stitch regulation, always keep the Controller moving with the fabric as described below.

1. Place the Controller on the table surface, under the quilt sandwich, either to the right or left side of the machine head during operation (**Figure 12**).
2. Position the Controller in the area where you would typically hold the fabric when free-motion quilting.
3. Use your hands to hold the quilting area taut beneath the needle of the machine. As you move the quilt sandwich, maintain contact with the Controller through the fabric with the palm of the hand or directly with fingers of the hand.
4. Keep the fabric flat between your hands and move both hands together while keeping them parallel to your body. It is best to start your experience with the Stitch Regulator by using Cruise style set to a low speed percentage setting.

*TIP: Think of moving the fabric in the compass directions: North, South, East, West. Remember that your quilting will mimic the speed and direction of the Controller, but only if you keep your hand motions parallel to the needle and to the table edge (**Figure 13**).*

Do not move the Controller in a circle around the needle. If you do, the needle will make multiple stitches in one place, as it tries to keep up with the movement of the Controller (**Figure 14**).



Figure 12.



Figure 13. Move quilt north, south, east and west.



Figure 14. Don't rotate quilt.

TruStitch for Artistic Accessories

Two Accessories are provided with the TruStitch for Artistic to give the quilter more flexibility in quilting.

Magnet

1. The Magnet allows you to quilt “hands-free” without holding onto the Controller through the quilt sandwich.

Place the Controller on the table, just outside of where you wish to place your hands. Place the Magnet on top of the Controller and on the top of the quilt sandwich (**Figure 15**).

Free-motion quilt as usual while keeping your hands close to the Controller. The Controller will move with the quilt sandwich, regulating your stitch length.

WARNING: If the quilt sandwich is extremely soft, you may not be able to use the Magnet, because the Controller won’t be able to follow the motion of your hand if the fabric sandwich buckles between your hand and the Controller. Most quilt sandwiches are stiff enough to allow you to use the Magnet.

Coaster

1. The Coaster allows you to quilt close to the edge of the quilt without losing stitch-regulation.

Attach the Coaster to the edge of the quilt sandwich using the two clips. The clips were designed for one-handed action. Place the Coaster on the table, press on both clips at the same time with one hand. Use the other hand to slide the quilt edge into the clips, then release the clips (**Figure 16**).

Free-motion quilt as usual while keeping your hands close to the Controller. The Controller will move with the quilt sandwich, regulating your stitch length.

WARNING: If the quilt sandwich is extremely soft, you may choose to fold the edge of the quilt sandwich to stiffen it slightly.

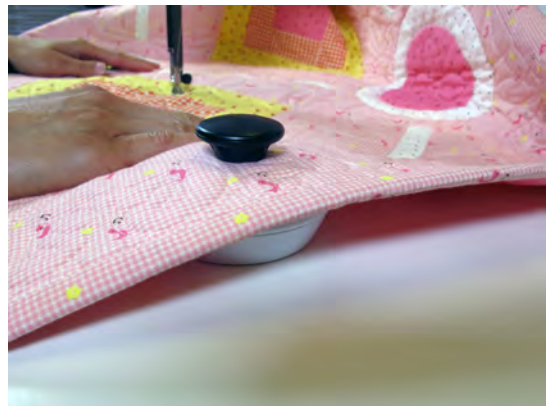


Figure 15.

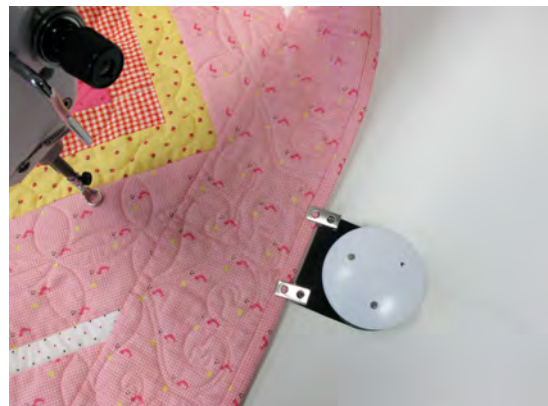


Figure 16.

Tips and Techniques

1. Don't twist the fabric under the needle, as this will cause the needle to sew faster or slower than it should and you will not maintain regulation. As long as the fabric remains in the same orientation relative to your body while quilting, the regulation will be accurate.
2. When you have finished a section of quilting, readjust the position of the Controller to make the next section easier to work on. Don't try to quilt large sections of the quilt at one time. Work within a space no farther out than 6"-15" from the needle.
3. Cruise speed can help you keep the needle in motion and prevent long stitches e.g. when doing zigzag, star or circular patterns.
4. Adjusting your Cruise speed will give you better results. Experiment with different percentages to find the level you like best for each quilting method. For example, micro-stippling with a high stitches-per-inch count will require a higher percentage setting than stitch-in-the-ditch.
5. When using rulers hold the Controller next to the ruler and move the ruler with both hands. As you adjust the ruler, adjust the Controller as well. Some quilters prefer to use the Magnet when doing ruler work. Don't forget to release the foot pedal or press the Pause button before moving the Controller.
6. A hoop may be used in conjunction with the Controller for better control of the fabric being sewn. You can hold the Controller just outside of the hoop with your hand or with the Magnet.

7. If you are using a higher stitches-per-inch setting and the Cruise speed is set to zero, it is recommended that you keep the Controller closer to the needle. Be careful not to let the Controller hang up on the needle plate.

8. Because the Controller senses its motion across the table top, it is important that it never be allowed to pass over the gap in the table behind the needle where the Artistic Quilter SD-16 arm is placed. This gap will cause a break in the information sent to the Receiver and will result in uneven stitches.

For the same reason, make sure the Controller doesn't extend past the edge of the table (which could happen when using the Coaster).

More Help Online

Visit www.ArtisticCreativeProducts.com for videos, tips and techniques for using TruStitch for Artistic. Check back often, as we will continue to add more information.

Limited Warranty Coverage

If your product does not work properly because of a defect in materials or workmanship, Artistic (hereafter referred to as "the warrantor") will, for the length of the period indicated on the chart below, which starts with the date of original purchase ("Limited Warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

PRODUCT: TruStitch for Artistic
ALL PARTS : 1 (ONE) YEAR
LABOR: 1 (ONE) YEAR
SERVICE: AT FACTORY AUTHORIZED REPRESENTATIVE

During the "Labor" Limited Warranty period there will be no charge for labor. During the "Parts" Limited Warranty period, there will be no charge for parts. You must carry-in your product to a factory authorized representative during the Limited Warranty period. This Limited Warranty only applies to products purchased and serviced in the United States. Authorized distributors in other countries may set their own warranty policy. This Limited Warranty is extended only to the original purchaser and only covers product purchased as new. A purchase receipt or other proof of the original purchase date is required for Limited Warranty service.

Limited Warranty Limits and Exclusions

This Limited Warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The Limited Warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, improper maintenance, power line surge, lightning damage, modification, or rental use of the product, service by anyone other than a Factory Service center or other Authorized Servicer, or damage that is attributable to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE". THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS LIMITED WARRANTY. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, or travel to and from the servicer. The items listed are not exclusive, but are for illustration only.) ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE LIMITED WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied Limited Warranty lasts, so the exclusions may not apply to you.

This Limited Warranty gives you specific legal rights and you may also have others rights which vary from state to state. If a problem with this product develops during or after the Limited Warranty period, you may contact your authorized representative or the warrantor. If the problem is not handled to your satisfaction, then contact the warrantor's Customer Relations group at the phone number listed for the warrantor.

PARTS AND SERVICE WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY ARE YOUR RESPONSIBILITY.



Artistic Creative Products
10 Industrial Ave, Suite 2
Mahwah, NJ 07430
ArtisticCreativeProducts.com
800-631-0183 x774

Artistic Quilter Limited Warranty

We thank you for purchasing this Artistic Quilter machine (the "Product") and hope you will enjoy it for years to come. In the event that your Product needs service covered by this warranty, please contact the authorized Artistic Quilter dealer from whom you purchased it. To locate an authorized Artistic Quilter dealer, please call 1-800-631-0183 ext. 774 or visit our web site at artisticquilter.com. Your Product was sold with an instruction booklet. To avoid any unnecessary inconvenience on your part, we suggest that you refer to the instruction booklet before contacting your authorized Artistic Quilter dealer for service. We also strongly encourage you to register your product on-line at artisticquilter.com.

Janome America, Inc. warrants that the Product will meet the written specifications of Janome America, Inc., all of which are within normal industry standards and included in the instruction booklet. This Artistic Quilter warranty is exclusive to the original purchaser of the Product and is provided in respect of normal household use. Janome America, Inc. warrants this Product as follows:

- (a) 1 Year Limited Warranty - During the first 365 days from date of purchase, Artistic will repair any manufacturing defect without charge for parts or labor. All subsequent warranties include parts costs only.
- (b) 10 year Limited Manufacturer's Warranty. Artistic warrants the sewing head is free of casting or machining imperfections causing product failure. This warranty does not extend to mechanical or electronic/electrical parts, which are covered under a separate warranty, or consequential damage to the head caused by mechanical or electronic/electrical part failures beyond their warranty period.
- (c) 5 year Mechanical Warranty for any mechanical failure within this period, manufacturer will provide free replacement parts, customer pays for labor and shipping. See warranty exclusions.
- (d) 5 year electronic/electrical warranty. The electric/electronic components are warranted to be free from manufacturing defects for five years from the date of purchase. If any defect is reported within this period, manufacturer will provide free replacement parts, customer pays for labor and shipping. The 5 year electronic/electrical warranty will be invalid if the machine is left plugged into a power source when not in use.

The limited warranty stated in sections (b), (c) and (d) above shall be limited solely to the replacement of parts which, in the opinion of Artistic, are defective in workmanship or material and are returned to Artistic, or an authorized repair facility, or such other point or place that may be designated by Artistic. All other costs, including cost of freight and shipment for repair under this warranty, shall be the customer's costs.

This warranty shall be in force only for the original purchaser.

Machine registration must be completed for warranty to be valid.

Each of the periods described in above shall hereafter be referred to as a "Warranty Period", together the "Warranty Periods".

Irrespective of whether the Product is used commercially or for normal household use, in no event shall this warranty cover needles, needle plates, bobbin cases, fuses, light bulbs, or belts.

Warranty Exclusions

This warranty is VOID - that is, the Product was purchased without warranty - if you did not purchase it from an authorized Artistic Quilter dealer within the United States. A list of authorized Artistic Quilter dealers within the United States is available on our website artisticquilter.com. This warranty will be honored only when the original invoice or sales receipt (indicating the date of purchase, product type and authorized Artistic Quilter dealer's name) is presented together with the defective Product. This warranty will not apply if the serial number on the Product has been altered, deleted, removed, or is illegible. This warranty covers none of the following: (i) periodic maintenance and repair or replacement of parts due to normal wear and tear; (ii) postage, shipping and handling costs and all risks to the Product associated with shipment or transport; (iii) damage resulting from misuse of the Product or failure to provide normal maintenance; (iv) repairs to the Product done by unauthorized dealers, service providers or the purchaser; (v) damage resulting from the use of non-Artistic Quilter brand parts, supplies, or accessories; (vi) accidents, lightning, fires, water, power surges, or any other cause beyond the reasonable control of Janome America, Inc.

If you suspect a defect in materials or workmanship of your Product, you must report it to the authorized Artistic Quilter dealer from whom you purchased it during the Warranty Periods described above. Your authorized Artistic Quilter dealer may require you to return the Product to it (properly packaged, freight prepaid) together with a photocopy of your original invoice or sales receipt.

Your authorized Artistic Quilter dealer will evaluate your report of a possible defect and, if one is discovered, will (at its option) repair or replace the Product, either with an identical Product, or with a substitute product that is substantially similar to the original Product. Your authorized Artistic Quilter dealer reserves the right to supply refurbished Products or substitute products provided that they conform to the written specifications of Janome America, Inc. for new Products or new substitute products.

This warranty will also apply to any replacement Product or substitute product. For purposes of establishing the Warranty Periods described above hereof with respect to any replacement Product or substitute product, the original date of purchase of the original Product will continue to apply.

Specific exclusions of warranty limitations include, but are not limited to, the following:

- General, consequential, incidental or special damages including damage to fabric or material, the cost of rework or lost profits, the cost of installation or removal of any Products, and any inspection, testing, or redesign caused by any defect or by the repair or replacement of Products arising from a defect in any Product.
- Products which are received by Artistic improperly packaged, altered, or physically damaged.
- Counterfeit or altered label(s) or stickers.
- Broken pins on connectors.
- Stripped screws or nuts.
- Connector(s) damaged, cracked, missing or broken.
- Missing, torn or punctured seal(s).
- Any use besides machine quilting applications using customary fabrics, threads and accessories.
- Operator error in the customary use of the Product.
- Internal adjustments, tampering or parts replacement done by anyone except authorized Representatives or customers specifically authorized by Artistic Customer Support or warranty repair personnel on a case by case basis.

The warranty does not cover and the user assumes the risk of and there is hereby excluded any liability to Artistic for failure, defects, loss, deterioration, personal injury or damage which are due to: (1) ordinary wear and tear or exposure, (2) abuse, misuse, negligence, or (3) use of parts not authorized by Artistic.

Product Service and Maintenance

Replace needles every 2-4 hours (1-2 per large quilt) and lubricate bobbin hook every 3-4 hours of use. Periodically check the thread tensioner. Use a small brush to clean out all lint, loose thread or obstructions from the bobbin hook.

Servicing is recommended annually from a qualified Representative. Servicing will cover belt tensioning, encoder positioning, bearing retainers, hook axial play and timing, presser and needle-bar adjustment and internal lubrication to take-up lever, hopping foot levers, bushings/bearings.

This warranty will be governed by the laws of the state in which you purchased the Product ("Applicable Law"). Unless otherwise required by Applicable Law, Janome America, Inc. shall in no event be liable for incidental or consequential damages arising directly or indirectly from the use or inability to use the Product or any substitute product for any reason. Any implied warranties of merchantability or fitness for purpose of the Product or any substitute product are limited to the Warranty Periods described in paragraph 2 above. Other than as specified herein or as required by Applicable Law, all other warranties, conditions, or liabilities, whether express or implied by operation of law or otherwise, are hereby expressly excluded, and Janome America, Inc. hereby disclaims all other warranties, conditions or liabilities.

