



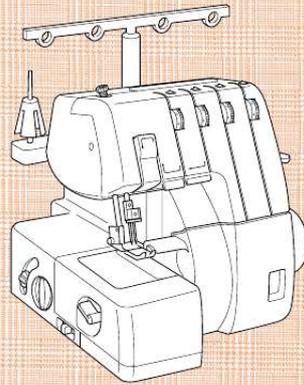
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You can read the recommendations in the user guide, the technical guide or the installation guide for BROTHER LOCK 929D. You'll find the answers to all your questions on the BROTHER LOCK 929D in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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**HANDBOOK FOR COMPACT
OVERLOCK MACHINE**

**MANUAL DE INSTRUCCIONES DE LA
MAQUINA COMPACTA OVERLOCK**



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Manual abstract:

@@ 2. Always unplug before relamping. Do not allow to be used as a toy. @@ 2. @@ Use only accessories recommended by the manufacturer as contained in this manual. 3. Never operate this sewing machine if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the sewing machine to the nearest authorized dealer or service center for examination, repair, electrical or mechanical adjustment. 4. Never operate the sewing machine with any air openings blocked.

Keep ventilation openings of the sewing machine and foot controller free from the accumulation of lint, dust, and loose cloth. 5. Never drop or insert any object into any openings. Do not operate where aerosol (spray) products are being used or where oxygen is being administered. 8.

To disconnect, turn the main switch to the symbol "O" position which represents off, then remove plug from outlet. Keep fingers away from all moving parts.

Special care is required around the sewing machine needle. 11. Always use the proper needle plate.

The wrong plate can cause the needle to break. Do not pull or push fabric while stitching. Switch the sewing machine to the symbol "O" position when making any adjustments in the needle area, such as threading needle, changing needle, or changing presser foot, and the like. 15. Always unplug the sewing machine from the electrical outlet when removing covers, lubricating, or when making any other user servicing adjustments mentioned in the instruction manual. This appliance has a polarized plug (one blade wider than the other) to reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. Do not modify the plug in any way. When leaving this sewing machine unattended, the mains switch of the machine must be switched off or the plug must be removed from the socket outlet. When servicing the sewing machine, or when removing covers or changing lamps, the machine or the electrical set must be disconnected from the supply by removing the plug from the socket-outlet. If your sewing machine is fitted with a 3 pin non rewirable BS plug then please read the following.

IMPORTANT If the available socket outlet is not suitable for the plug supplied with this equipment, it should be cut off and an appropriate three pin plug fitted. With alternative plugs an approved fuse must be fitted in the plug. **NOTE:** The plug severed from the mains lead must be destroyed as a plug with bared flexible cords is hazardous if engaged in a live socket outlet. Always replace the fuse cover, never use plugs with the fuse cover omitted. **WARNING: DO NOT CONNECT EITHER WIRE TO THE EARTH TERMINAL WHICH IS MARKED WITH THE LETTER 'E', BY THE EARTH SYMBOL OR COLOURED GREEN OR YELLOW.** The wires in this mains lead are coloured in accordance with the following code: Blue Brown Neutral Live As the colours of the wiring in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows. The wire which is coloured blue must be connected to the terminal which is marked with the letter 'N' or coloured black or blue. The wire which is coloured brown must be connected to the terminal which is marked with the letter 'L' or coloured red or brown. To fully enjoy all the features, we suggest that you study this booklet. If you need more information regarding the use of your machine, your nearest authorized dealer is always happy to be of service.

The normal operating speed of this sewing machine is 1,300 stitches per minute, which is quite fast compared to the normal operating speed of 300 to 800 stitches per minute for the ordinary foot-operated sewing machine. â· The bearings in the motor are made of a special sintered, oil-impregnated alloy mounted in oilsoaked felt to withstand long hours of continuous operation. â· Continuous operation of the sewing machine can cause heat to build in the motor area, but not enough to adversely affect its performance. It is important to keep fabric and paper away from the ventilating holes on the back and sides of the machine so air can get to these holes. â· When the motor is running, sparks can be seen through the ventilating hole in the motor bracket on the side opposite the hand wheel.

These sparks are produced by the carbon brushes and the commutator, and are part of the machines normal operation. Names of parts and their functions .

Opening and closing the front cover . How to use the thread spool cap . How to use the thread net .

Blind stitching with blind stitch presser foot . Flatlock stitching with blind stitch presser foot . Pin tuck stitching with blind stitch presser foot . Names of parts and their functions 1 Thread tree 2 Handle 3 Presser foot pressure adjustment screw 4 Spool pin 5 Spool support 6 Thread take-up cover 7 Needles 8 Upper knife 9 Presser foot 0 Material plate cover A Spool stand (thread tree support) B Left needle thread tension dial C Right needle thread tension dial D Presser foot lifting lever E Hand wheel F Upperlooper thread tension dial G Lowerlooper thread tension dial H Front cover I Material slide plate (for overlock stitch) J Main power switch and light switch K Stitch length adjustment dial L Differential feed ratio adjustment lever M Lowerlooper threading lever N Stitch finger

O Stitch width lever P Upperlooper Q Lowerlooper R Free-arm cover S Bed extension T Knife lever The number represents the parts code 1 Soft cover 2 Accessory bag 3 Tweezers 4 Thread net Two-needle models (4) One-needle models (3) 5 Thread spool cap Two-needle models (4) One-needle models (3) 6 Screw driver 7 Cleaning brush 8 Hexagonal (Allen) wrench (on Two-needle models) 9 Needle set: SCHMETZ 130/705M 80/12: 2 pcs. 90/14: 2 pcs. ; Blind stitch foot (Option) A Trim trap (Option) B Tape presser foot (Option) Foot controller: J01780051 (110/120V Area) J01590051 (220/240V Area) J01664051 (U. This machine uses a standard home sewing machine needle. (2) Turn the hand wheel counter-clockwise by hand until the needle is at its highest position. (2) Turn the hand wheel until the needle bar is at its highest position. (3) Hold the needle with its flat side away from you and insert it up as far as it will go.

(4) Tighten the needle set screw securely with the hexagonal wrench. 5 Place the needle on its flat side and check to see if the space is parallel. On two-needle models, we suggest you hold the two needles with one hand and then insert them both at the same time. â· If the needles have been inserted correctly, the right needle should be set slightly lower than the left one. **CAUTION** The needle set screw holds both needles. Keep this in mind when you loosen the set screw to exchange one or both needles. The motor and hand wheel of this machine turn in a counterclockwise direction (direction of arrow). This is the same direction as an ordinary home sewing machine. Opening and closing the front cover It is necessary to open the front cover when threading this machine.



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NOTE: For your safety, make sure that the front cover is closed when operating the machine.

Insert the three-pin plug into the socket on the bottom right side of the machine. Insert the power supply plug into a power outlet. Main Power and Sewing Light Switch This switch turns the power and sewing light on or off. To turn on push toward "I" mark. Operation When the pedal is pressed lightly, the machine runs at a low speed.

Only): This foot controller can be used for sewing machine models 940D, 939D, 935D, 929D 925D, 925, 915D and 915. (2) Turn the main power switch to the ON position with pressing SELECT key and INF key simultaneously. (3) Press SELECT key until your preferred language is displayed. (4) Turn the main power switch to the OFF position with your preferred language displayed. (5) Your preferred language will be selected when you turn the main power switch to the ON position again.

Thickness of the fabric Thick Normal Thin Stitch selection key Eight stitches can be chosen. Information about the selected stitch, its operation and the appropriate thread tension settings are displayed. The thin-fabric thread tension dial settings are displayed when the [INF] key is pressed. This stitch name is displayed when the power is turned on. The same message is displayed twice before the thread tension dial settings for sewing on thin fabrics are automatically displayed. The black squares indicate that it is not necessary to adjust this thread tension dial. 4 If this key is pressed one more time, the stitch Free-arm sewing enables tubular pieces to be sewn more easily. (1) Move the stitch width lever (located on the left side of the machine toward the front) up to reduce the stitch width or down to increase the width. The stitch width can be set between R4. This serger is equipped with two sets of feed dogs under the presser foot to move the fabric through the machine.

The differential feed controls the movement of both the front and the rear feed dogs. When set at 1, the feed dogs are moving at the same speed (ratio of 1). When the differential feed ratio is set at less than 1, the front feed dogs move slower than the rear feed dogs, stretching the fabric as it is sewn. This is effective on lightweight fabric that may pucker. When the differential feed ratio is set at greater than 1, the front feed dogs move faster than the back feed dogs, gathering the fabric as it is sewn. This function assists in removing the rippling when serging stretch fabrics. (1) Locate the differential feed adjustment lever on the left side of the machine. Main feed (rear) Differential feed (front) When stretch material is sewn without using the differential feed, the edge will be wavy. To make the edge more smooth, adjust the feed ratio from 1. (The feed ratio required depends on the elasticity of the material.

) The more elastic the material, the further toward 2. 0 the differential feed ratio should be set. Test sew with a scrap of the fabric to find the correct adjustment. CAUTION When sewing thick non-stretchable material such as denim, do not use the differential feed as it may damage the fabric. Raise the telescoping thread tree to its highest position.

Make sure that the thread holders are in alignment above the spool pins as illustrated below. CAUTION When threading, always thread in this order: upperlooper, lowerlooper, right needle and then the left needle. How to use the thread spool cap When using sewing thread spools, the thread spool cap should be used as illustrated below. How to use the thread net If you are sewing with loosely spun nylon thread, we recommend that you cover the spool with the net supplied to prevent the thread from slipping off the spool. This serger is equipped with a thread tension release button.

When threading, be sure to: (1) Hold the tension release button directly above the tension adjustment wheel to the right. (2) Pass the thread through the tension disc which is in the channel next to the tension adjustment dial. (1) Turn off the main power switch for safety. (2) Raise the presser foot using presser foot lever. CAUTION When threading the needle, always be sure to lift the presser foot lever, and also take care to thread in the proper order. (3) Set the needle bar in its highest position by turning the handwheel toward you. Turn the handwheel to find the easiest position for threading, and then thread the upperlooper thread, lowerlooper thread, right needle thread and then the left needle thread. The proper threading order for this serger is upperlooper, lowerlooper, right needle, and then the left needle. Run the thread in the sequence illustrated, following the green color and the numbers next to each threading point. 1 Open the front cover by sliding to the right and guiding the top toward you.

2 Pull the thread off the spool and directly up through the thread guide on the thread tree from back to front. 3 Pull the thread about an extra 15cm (6 inches) through the front of the thread tree. 4 Pass the thread through the proper thread guide. 5 Slide and hold the thread tension release button to the right, then pass the thread through the tension disc which is in the channel next to the green tension adjustment dial. release the button. 6 Guide the thread down the channel and pass the thread through the threading points next to the green color marks following the numerical order in the upperlooper thread. The correct thread tension may vary according to the type and thickness of the fabric and the type of thread used. Thread tension adjustments may be necessary for any change in sewing materials. If the stitch quality is insufficient, select a different tension setting from the illustration on the previous or following pages. (2) If you cannot find the correct tension, refer to the illustrations "In this case" on following pages.

NOTE: Order of thread tension adjustment When you adjust the thread tension, do it in the following order: (1) Left needle thread (2) Right needle thread (3) Upperlooper thread (4) Lowerlooper thread This is the easiest way to obtain the correct thread tension. (Naranja) NOTE: Order of thread tension adjustment When you adjust the thread tension, do it in the following order: (1) Needle thread (2) Upperlooper thread (3) Lowerlooper thread This is the easiest way to obtain the correct thread tension. (1) Place a piece of scrap material under the presser foot for test sewing. NOTE: Always lift the presser foot before placing the fabric under it. Just running the fabric under the foot without lifting the presser foot may cause an uneven seam.

@@@@@@@@@ Slowly sew a few stitches by turning the pulley by hand. the fabric will be fed automatically. You need only guide it in the required direction. check the stitch formation (stitch chain) to see if it is uniform. @@@@@@ Then cut the stitches 5 cm (2 inches) from the work. If feeding for chaining-off is not enough, pull the thread gently. Upperlooper, Lowerlooper, right needle and then the left needle. @@@@@ Until it touches the front of the upper knife.



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Do not lift the presser foot while sewing. @@ (See next page. @@@@ trouble 1. Does not feed Cause Presser foot pressure too loose 1. Wrong needle used 1. Wrong needle used 4. improper threading 5.

Presser foot pressure too loose 5. Stitches are not uniform Thread tensions are not adjusted properly 1. @@) Do not press or pull material too hard when sewing. @@) @@ This sewing machine can sew five different stitches by following the simple steps below: (1) Four-thread overlock stitch Use all four threads and two needles for producing four-thread overlock stitches. use: Ideal for sewing knits and wovens. (2) Three-thread overlock stitch (5 mm/3/16 inch) Use three threads and the left needle, producing 5 mm seams, which works with all kinds of materials. use: For overlock stitching on suits, blouses, slacks, etc. NOTE: Remove the right needle when sewing this overlock stitch. NOTE: Remove the left needle when sewing this overlock stitch. This sewing machine can sew two different stitches.

It is often used to complete the edge of a fabric. This stitch is sewn by removing the left needle and using the 3-thread overlock stitch. Instructions for both Narrow overlock/Rolled edge Stitches (1) Remove the left needle (on Two-needle models). (2) It is recommended that a #80 Nylon or Polyester thread be used on the following fabric: Georgette Rayon Linen/Light Cotton Broad Cloth (3) Thread the machine for a three thread overlock, using the right needle. 3 Check to make sure that the thread is no longer wrapped around the stitch finger.

4 Open the front cover. 5 Turn the hand wheel until the upperlooper is at its lowest position. 7 Storage for the stitch finger is provided on the inside of the front cover illustrated. NOTE: Make sure to install stitch finger when sewing regular overlock stitches. 1 Upperlooper 2 Stitch finger 3 Stitch finger release lever 4 Front cover 5 Stich finger holder 6 Stich finger Move the stitch width lever (located on the left side of the machine toward the front) up to the "R" position.

This adjustment is suitable for either Narrow Overlock stitch or Rolled Edge stitch. This pulls the upperlooper thread causing the edge of the fabric to fold around the remaining stitch finger. After completing steps (1) through (6) above, adjust your machine to these recommended thread tension settings: Upperlooper thread tension at 1-4 Lowerlooper thread tension at 5-7 Right needle thread tension at 4 Tension may vary slightly according to the fabric and thread used. After completing steps (1) through (6) above, adjust the thread tension to achieve a normal 3-thread overlock stitch. Recommended thread tension settings are: All thread tensions should be set at 4 Tension may vary slightly according to the fabric and thread used. When using the blind stitch presser foot (multi purpose foot), you can sew blind stitches and overlock at the same time. This is ideal when sewing cuffs, trouser bottoms, pockets, and hemming skirts etc. â The stitch guide on this foot is also useful when sewing special stitches like flatlock, pin tuck and other decorative stitches. â This stitch guide is easily adjustable without using any tool. Turn off the main power switch or disconnect the 1 (2) Set the needle to its highest position by turning the hand wheel 2 counter clockwise.

(3) Push the button on the presser foot holder and the standard foot will be released. 3 4 (4) Raise the presser foot farther by pushing the presser foot lever upward. Then remove the presser foot and store it in a safe location. (5) Again, raise the presser foot farther by pushing the presser foot lever upward. Then place the blind stitch presser foot (multi purpose foot) just under the presser foot holder A so that the groove in the bottom of the presser foot holder B is aligned and catches the bar on the top of the foot C. Then lower the presser foot lever to attach the foot. How to change feet Blind stitching with blind stitch presser foot The Blind hem stitch is used for putting a nearinvisible hem in garments or home decoration projects. Use it to hem pants, skirts, or draperies. A Replace the presser foot with a blind stitch presser foot (multi purpose presser foot). (Refer to page 45.

) b Set up the machine for 3 thread overlock stitch with one needle in the left position (on Twoneedle models). C Turn the wrong side of the fabric out, fold the fabric once and then back to the required width, as illustrated. â Sewing will be easier if a crease is ironed into the folded fabric before sewing. d Turn the handwheel counter clockwise and set the needle at its highest position. E Lift the presser foot lever and insert the fabric with the folded edge on the left in such a way that the needle pierces just the folded edge as it sews.

f Lower the presser foot lever, adjust the fabric guide toward the folded edge. G Adjust the guide position of the presser foot with the adjusting screw so that the needle is lightly touching the crease in the fabric. in this case, the thickness of the fabric is the criterion. By turning the screw forward (toward you) the fabric guide will go to the right. By turning the screw backward (away from you) the fabric guide will go to the left.

â To adjust the position of the fabric guide, a piece of the same fabric should be used to do a sewing test. When done correctly, this stitch will be very hard to see on the right side of the fabric. 1 Reverse 2 Needle path 3 Adjusting screw 4 Fabric guide Flatlock stitching with blind stitch presser foot The Flatlock stitch is primarily used as a decorative finish on a project. The finished stitch can look like a ladder or small parallel lines when the fabric is pulled flat. Either stitch finish can be used on the right side of the fabric. If you sew with the wrong sides together, the upper looper thread will decorate the right side when pulled flat. If you sew with the right sides together, the needle thread ladder will decorate the right side when pulled flat. A Replace the presser foot with a blind stitch presser foot (multi purpose presser foot). (Refer to page 51.) b Set up the machine for 3 thread overlock with one needle in the left position (on Two-needle models).

E Lift the presser foot lever and insert the fabric with the folded edge in such a way that the needle pierces just on the fold. f Lower the presser foot lever, adjust the fabric guide toward the folded edge. G Adjust the guide position of the presser foot with the adjusting screw so that the needle moves down to a position 1/8 inch (2.5 mm) inside the folded edge of the fabric, so that some of the stitching loops over the edge. By turning the screw forward (toward you) the fabric guide will go to the right. By turning the screw backward (away from you) the fabric guide will go to the left. â To adjust the position of the fabric guide, a piece of the same fabric can be used to do a sewing test. H While holding the fabric pieces together, sew at a constant speed down the fold.



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I When stitching is finished, pull the fabric open (flat) as shown in the illustration.

This method is not suitable for thin fabrics. Pin tuck stitching with blind stitch presser foot the Pin tuck stitch uses a rolled edge to add shape and decoration to any sewing project. Fold the fabric on a line where the pin tuck is to be located and guide the fold through the serger. Contrasting thread in the upper looper adds an accent to your project. Use the blind stitch presser foot to make narrow overlock stitches to produce seams in the form of tucks at equal distances from each other.

For thin fabrics, it's a good idea to choose a fine thread which will run smoothly. A Replace the presser foot with a blind stitch presser foot (multi purpose presser foot).) c Draw equally spaced lines on the fabric with a fabric pencil as guides for pin tuck placement. Fold the fabric along one of the lines and press in place lightly with an iron. d Turn the handwheel counterclockwise to set the needle at its highest position.

E Lift the presser foot lever and insert the fabric with the folded edge in such a way that the needle pierces just the folded edge. f Lower the presser foot lever, adjust the fabric guide toward the folded edge. G Align the blind stitch presser foot guide with the line on the right side of the stitch finger. By turning the screw forward (toward you) the stitch guide will go to the right. @@J Continue sewing until all marked lines have been sewn. @@@@ If one strand of thread can be cut off in front of or at the rear of the knife, the knife is sharp enough. â When the knives are blunt, replace them as described on the next page. Be sure to unplug the power supply cord from the wall outlet before removing the knives. Move the knife lever to the left when the upper knife is not being used. The top part of the upper knife will stick out above the needle plate.

â Use the projecting part of the upper knife as a guide for the fabric. Adjust the stitch width lever to move the upper knife to the desired guide position. CAUTION Move the knife lever only while the needle is at its lowest point. Replacing the upper knife (1) To remove the knife, loosen the upper knife set screw and pull up the upper knife. (2) Insert the new knife into the upper knife holder. (3) Then turn the pulley by hand until the upper knife is in the down position.

Check that the upper knife is in front of the lower one and adjust the clearance between it and the edge of the lower knife to between 0. 1 Upper knife set screw 2 Needle plate 3 Upper knife 4 Lower knife Replacing the lower knife (1) Loosen the lower knife set screw and pull down the lower knife. (2) Insert the new knife into the lower knife holder. (3) Position the lower knife so that its edge is flush with the needle plate.

For smooth and silent operation, the moving parts of the machine should be oiled periodically. (See diagram below.) REMARKS: Be sure to oil your sewing machine before use. Always clean the lint off your machine before you apply oil. CAUTION Always be sure to turn off the power before carrying out the following operation.

Loosen the lightbulb cover set screw pull up the light bulb cover and remove it. â Take out the light bulb and replace it with a new one. 1 Screw 2 Lamp cover 3 Screw 4 Light bulb cover 5 Light bulb Use Light- to heavy-weight materials Sewing speed 1,300 stitches per minute Stitch width 2. 5 mm (1/8 to 9/64 inch) (One-needle models) Stitch length (pitch) 2 mm to 4 mm (5/64 to 5/32 inch) Needle bar stroke 25 mm (1 inch) Presser foot Free presser type Presser foot lift 5 mm to 6 mm (3/16 to 15/64 inch) Needle SCHMETZ 130/705H No. Of needles and threads Three/Four threads convertible Two needles or single needle Machine net weight 7.



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