

brent[®] SLAB ROLLERS



6060 Guion Road • Indianapolis, Indiana 46254-1222 USA
800-374-1600 • 317-244-6871 • www.amaco.com



Dear Customer,

We hope you enjoy your new brent® slab roller. Many different people are involved in the fabrication and manufacturing of each brent® product. We all work together to build the best equipment possible.

These sturdy machines are constructed of heavy gauge steel pipe and plate, precision machined parts, permanently sealed bearings, and aircraft quality cables. The beds consist of masonite shims which can be removed or added to vary the slab thickness. A canvas covered removable shim that absorbs water from the clay is used so you can peel off the clay slab easily. The entire shim with clay slab can be removed from the bed. An optional stand may be purchased to attach a brent® handextruder to the end of our SR model slab rollers.

Please fill out your product registration form and return it to us, as we are interested in your comments.

We believe our service to you is as important as the service you expect from your slab roller.

For that reason, if you have any questions, or if you need parts in the future, please call the brent® Service Department on our toll-free number, (800) 999-5456, Monday through Friday, 8:00 am to 5:00 pm Eastern Standard Time.

Slab Roller Assembly



Welcome to the AMACO Brent Family!

Thank you for making the decision to explore ceramic art through an AMACO Brent product! We know you will enjoy many years of creative exploration from your equipment. To maximize your experience the following resources are available to assist you at any time:



The Manual - This manual provides tips and F.A.Q.s about your new product.



The AMACO Website - Find videos and resources to guide you step by step with your new equipment.
www.amaco.com



The AMACO Technical Support Team - Our highly trained team can answer questions and provide expert responses in a timely manner.
317-683-1303 or customer care@amaco.com

Remember that these resources are available for you right now, as well as in the future if you ever have any questions.

To ensure that your purchase is under warranty please visit <https://www.amaco.com/warranty> to register your purchase. Brent Slab Rollers (except the Mini SRC) include a rebate offer (North America only) that can be claimed by completing the warranty.

Thank you again for joining the AMACO Brent family!

Sincerely,

Bond Sandoe III
COO and President

Jeff Sandoe
Chief Revenue Officer

P.S. We look forward to seeing what you create! Share and tag us on Facebook, Instagram, or Pinterest for an opportunity to have your creations featured.

BRENT® MODEL MINI SRC

SET UP:

1. Lift machine out of box. The legs can be easily screwed in by hand.
2. Bolt the wooden crank handle to the crank arm with the lock-nut. Your machine is now ready for use.

USE:

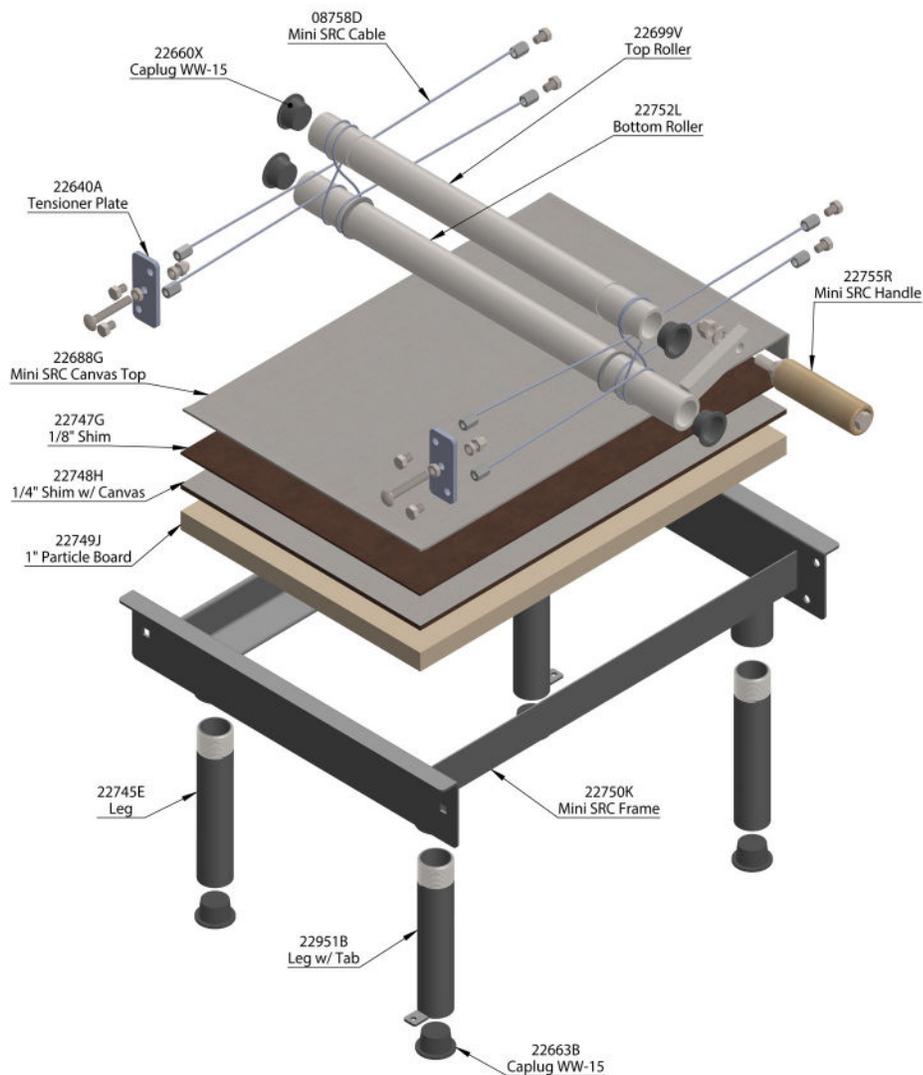
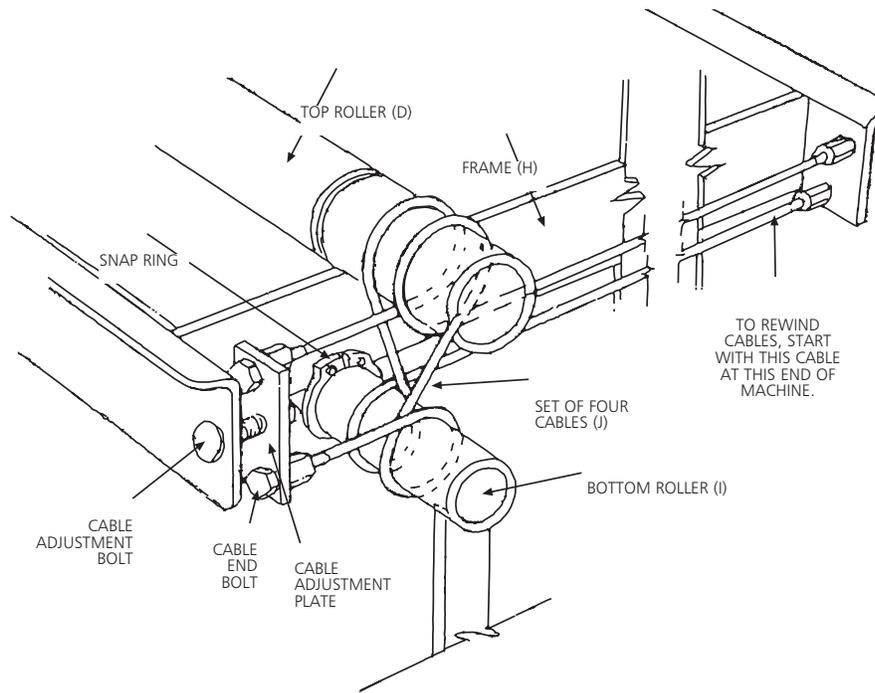
1. To use the machine, crank the top roller all the way to the end of the machine where the heavy top canvas is attached to the bed of the machine. Flip the heavy canvas back over the roller and remove or add shims until you have the slab thickness you want (the space between the top shim and the roller). Make sure the top shim has its canvas covered side up (it is shipped canvas side down to protect it), so the clay won't stick to it.
2. Put the clay firmly up against the roller and lay the canvas back over the clay. Then just turn the handle. When the slab is rolled out, return the carriage to its original position and peel off the heavy canvas and lay it back over the roller. When returning the carriage don't slam it against the end as this can cause early cable breakage.
3. If you are using very wet clay or rolling a lot of slabs continuously, you may want extra canvas covered shims so that you can put in a dry one every few slabs without having to wait for one to dry. With extra canvas covered shims you can also remove the slab and top shim together and put another shim in so that the machine can be used continuously. These shims are available from brent®. It is also recommended that an additional piece of loose canvas be placed on top of shims before rolling clay to make slabs easier to remove. The canvas will also help prevent moisture from penetrating the shims resulting in clay sticking to the shims after repeated use. When using loose canvas, be sure to keep it taught to eliminate wrinkles which will cut into the clay slab.

MAINTENANCE:

1. Normal maintenance for the MINI SRC consists of periodically checking the cables for looseness. Crank the rollers to the end of the machine that is opposite from the cable adjustment bolt. Pinch the two cables together half way between the roller and the end. You should not be able to squeeze them closer than one inch. If they go closer they are too loose. Tighten them by tightening the cable adjustment nut.
2. If the cables become frayed or worn you can obtain new ones from brent®. The correct cable wrap is shown on the drawing page. First remove the shims and the particle board bed and then tape or tie the two rollers together to hold them in place while removing the old cables. Be sure the rollers are perpendicular to the frame. Wrap the handle side as shown starting with the lower cable at the end opposite the cable adjustment. The opposite side is a mirror image of the one shown in the drawings. When the cables are in place, take up the slack with the cable adjustment bolt, but do not tighten very tightly. Now remove the tape and crank the rollers to one end and keep turning the crank until the bottom roller hits the leg coupling on both sides. The rollers are now squared with the frame and you can tighten the cables as described in Step 1. Re-check the tension after rolling a few slabs.

NOTE: Occasionally rolling clay off center from middle of bed will cause roller to lose its adjustment. If your top roller is not parallel to the rail frame, call our brent® Service Department for adjustment instructions.
Toll Free: 1-800-999-5456

BRENT® MODEL MINI SRC



SRC PARTS LIST

Stock #	Description	# Per
22668G	Leg Set	Opt.
22657B	Cable, One Only	4
22694N	Cable, Set of 4	4
22654R	Handle, Wood	1
22651M	1/4" Shim	1
22650L	1/4" Shim w/Canvas	1
22652N	1/8" Shim	1
22649K	Top Canvas	1

BRENT® MODEL SRC

SET UP:

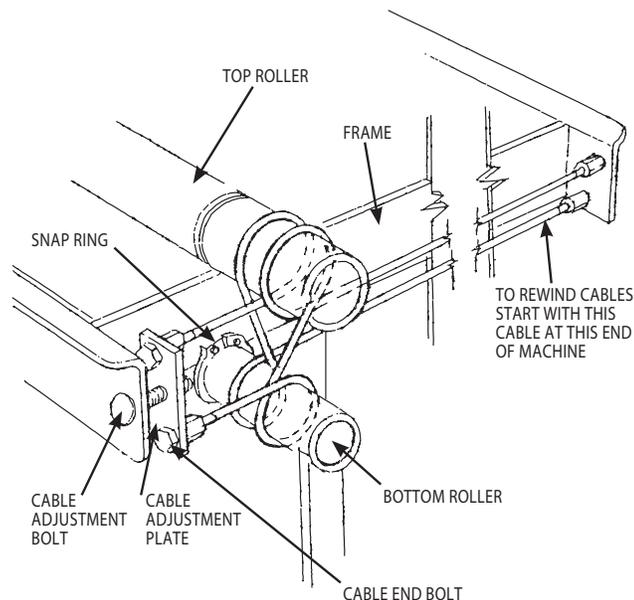
1. Lift machine out of box. If you have purchased the leg set, the legs can be easily screwed in by hand.
2. Bolt the wooden crank handle to the crank arm with the nut and lock-nut. Your machine is now ready for use.

USE:

1. To use the machine, crank the top roller all the way to the end of the machine where the heavy top canvas is attached to the bed of the machine. Flip the heavy canvas back over the roller and remove or add masonite shims until you have the slab thickness you want (the space between the top shim and the roller). Make sure the top shim has its canvas covered side up (it is shipped canvas side down to protect it), so the clay won't stick to it.
2. Put the clay firmly up against the roller and lay the canvas back over the clay. Then just turn the handle. When the slab is rolled out, return the carriage to its original position and peel off the heavy canvas and lay it back over the roller. When returning the carriage don't slam it against the end as this can cause early cable breakage.
3. If you are using very wet clay or rolling a lot of slabs continuously, you may want extra canvas covered shims so that you can put in a dry one every few slabs without having to wait for one to dry. With extra canvas covered shims you can also remove the slab and top shim together and put another shim in so that the machine can be used continuously. These shims are available from brent® or you can make your own out of Masonite and canvas. Coat one side of the canvas and Masonite with contact cement, let it dry, and stick them together. It is also recommended that an additional piece of loose canvas be placed on top of shims before rolling clay to make slabs easier to remove. The canvas will also help prevent moisture from penetrating the shims resulting in clay sticking to the shims after repeated use. When using loose canvas, be sure to keep it taught to eliminate wrinkles which will cut into the clay slab.

MAINTENANCE:

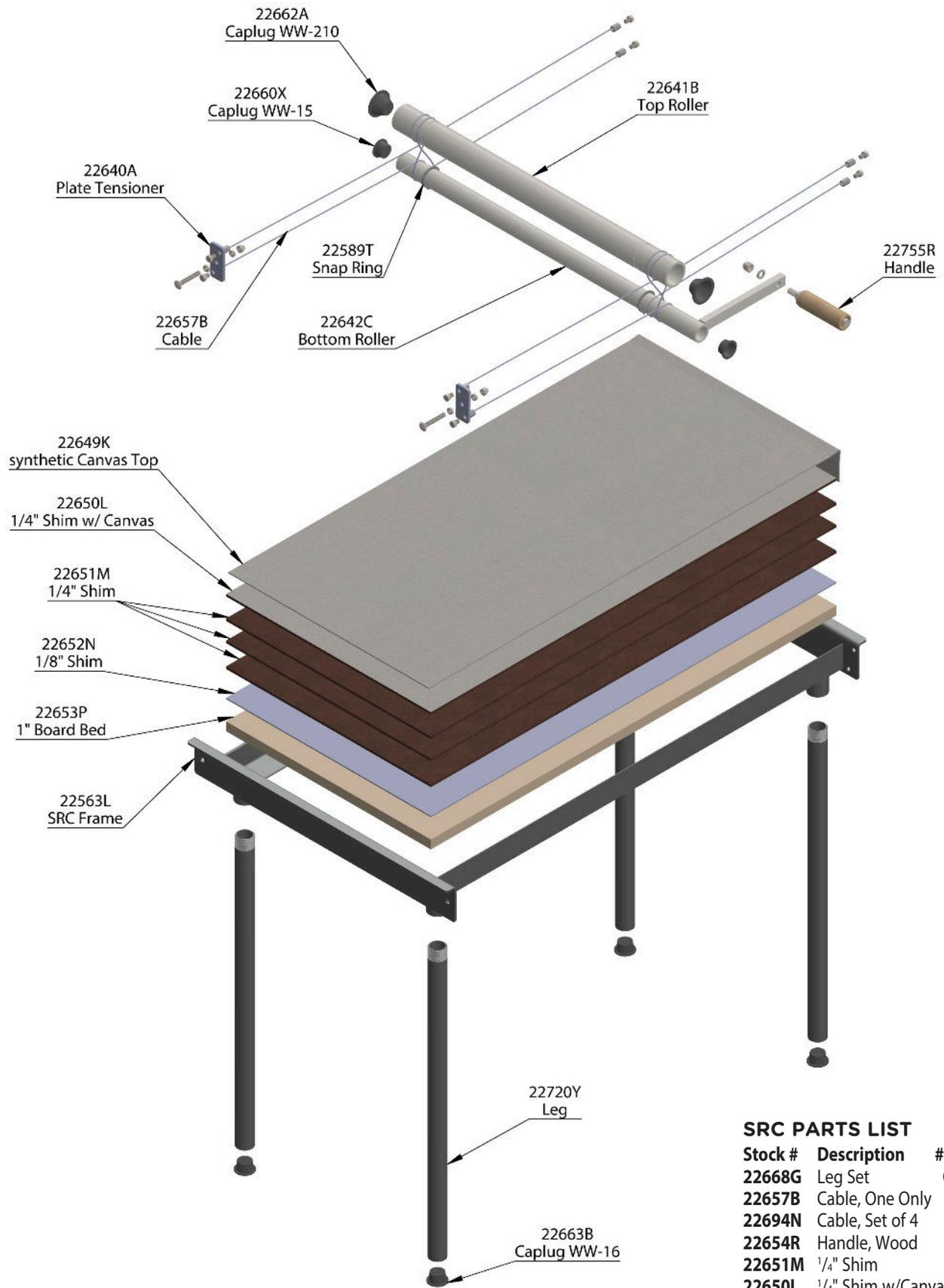
1. Normal maintenance for the SRC consists of periodically checking the cables for looseness. Do this by cranking the rollers to the center of the machine and pinching the two cables together half way between the roller and the end. You should not be able to squeeze them closer than one inch. If they go closer they are too loose. Tighten them by tightening the cable adjustment nut (see drawing below).
2. If the cables become frayed or worn you can obtain new ones from brent®. The correct cable wrap is shown on the drawing below. First remove the masonite shims and the particle board bed and then tape or tie the two rollers together to hold them in place while removing the old cables and installing the new ones. Before you wrap the new cables, be sure the rollers are perpendicular to the frame. Wrap the handle side as shown starting with the lower cable at the end opposite the cable adjustment. The opposite side is a mirror image of the one shown in the drawings. When the cables are in place, take up the slack with the cable adjustment bolt, but do not tighten very tightly. Now remove the tape and crank the rollers to one end and keep turning the crank until the bottom roller hits the leg coupling on both sides. The rollers are now squared with the frame and you can tighten the cables as described in Step 1. Re-check the tension after rolling a few slabs.



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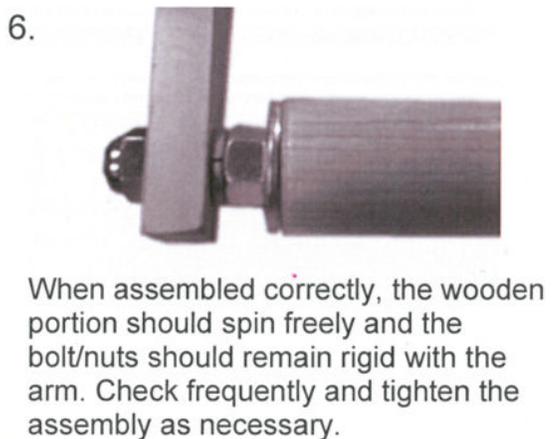
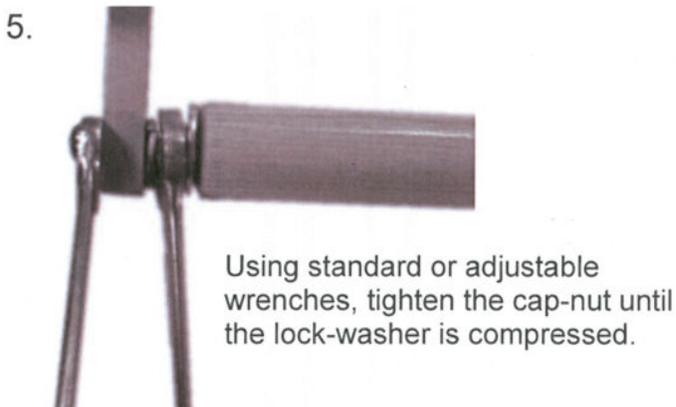
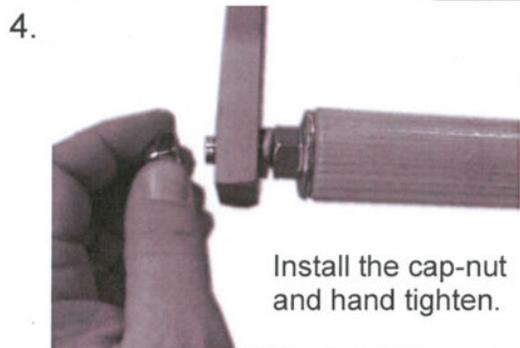
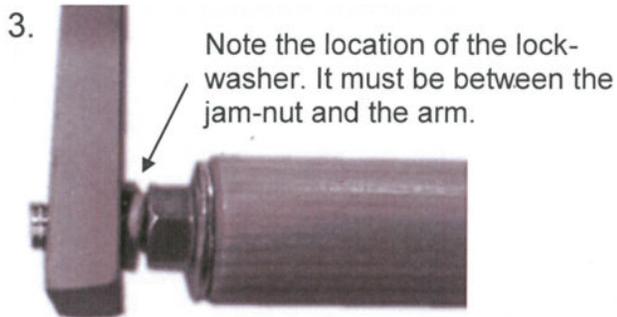
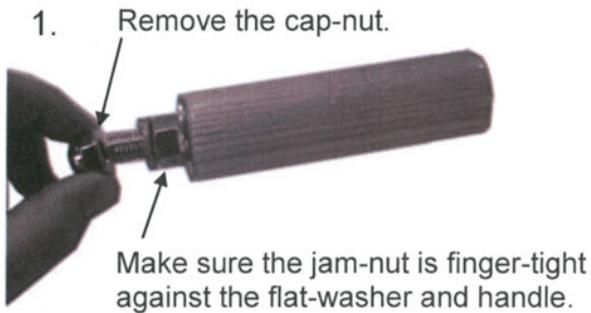
BRENT® MODEL SRC



SRC PARTS LIST

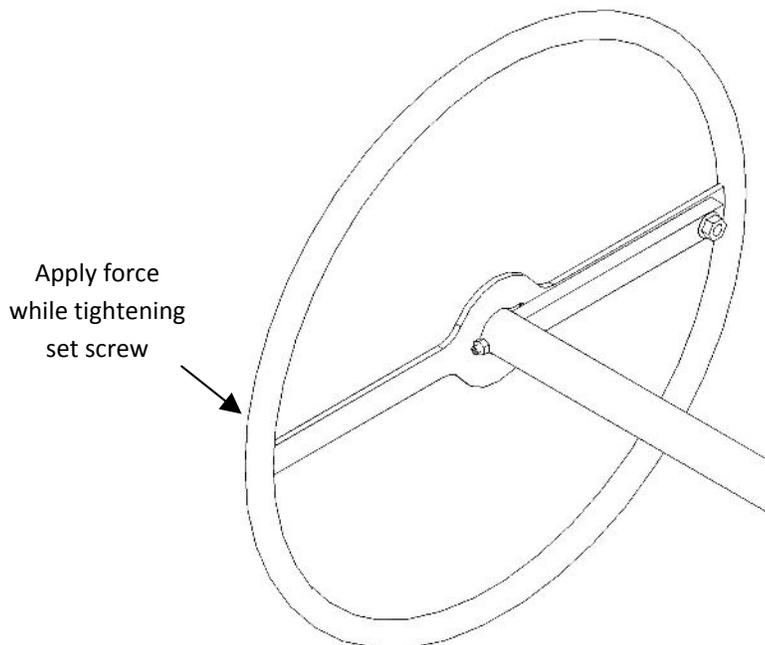
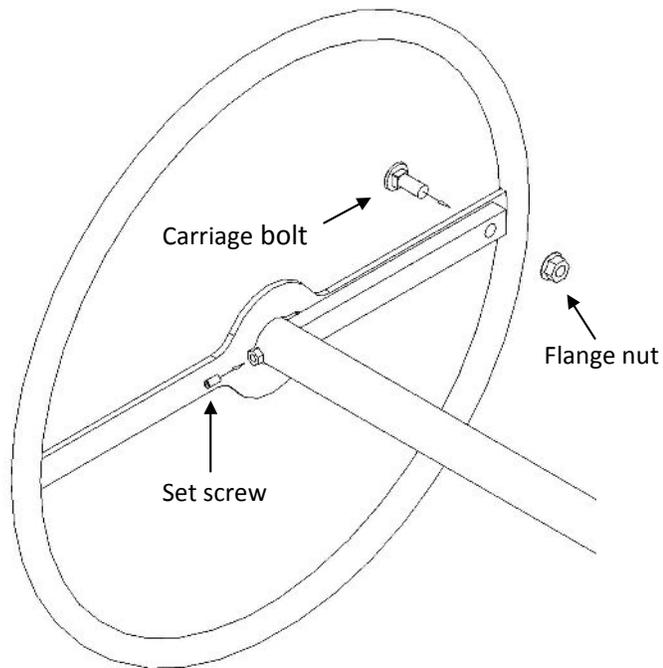
Stock #	Description	# Per
22668G	Leg Set	Opt.
22657B	Cable, One Only	4
22694N	Cable, Set of 4	4
22654R	Handle, Wood	1
22651M	1/4" Shim	1
22650L	1/4" Shim w/Canvas	1
22652N	1/8" Shim	1
22649K	Top Canvas	1

BRENT® MODEL SRC/ MINI SRC SUPPLEMENTAL HANDLE INSTALLATION INSTRUCTIONS



BRENT® MODEL SRC ROUND HANDLE INSTALLATION

1. Remove the wooden handle from the SRC crank arm by removing the cap-nut.
2. Place the round handle over the crank arm as shown.
3. Install the carriage bolt through the round handle and crank arm.
4. Install the flange-nut and **hand** tighten.
5. Install the set screw and tighten while applying force to the round handle to ensure the handle securely against the crank arm.
6. Using wrench, tighten the flange nut using ample force.
7. Finally, re-tighten the set screw until the handle is secure.



BRENT® MODEL SR-14

SET UP:

1. Remove all cardboard crating and cut plastic bands. Roll carriage to one end of the slab roller, pull the heavy top canvas out from under the roller, and roll it up on itself and tape it to the outside of the frame. This will keep the canvas out of your way and off the greasy cables. Now remove the masonite shims and wood bed. Remove the steel zig-zag braces if your machine has them. If using on a table, mounting is highly recommended. Mounting hardware is not included..

2. Find the two allen set screws and hex wrench in the small parts bag. These screws secure the handle to the shaft. Slide the handle onto the shaft and line up the threaded holes in the handle with the drilled holes in the shaft. Insert the set screws and tighten securely.

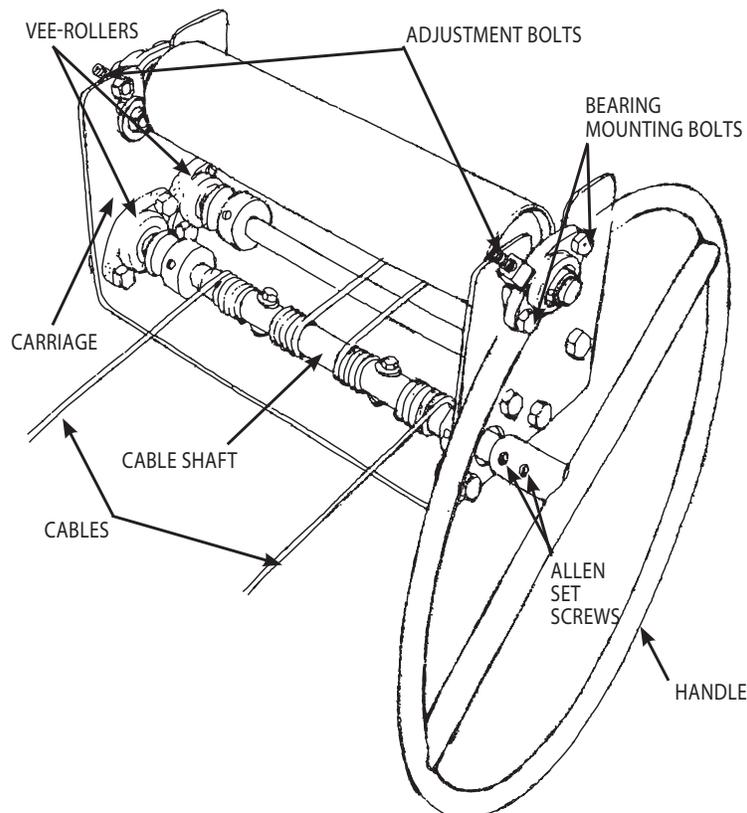
MAINTENANCE:

1. Normal maintenance for the SR-14 slab roller consists of lubricating the cables and cable shaft that winds up the cables with automotive chassis grease. Use the same lubricant on the vee-rollers and their tracks. Frequency of lubrication depends on how hard you use the machine. Visually check the cables, shaft, vee-rollers and tracks periodically to see if they are greasy. If they are not greasy, wipe on some grease (not too much or it will just fall off).

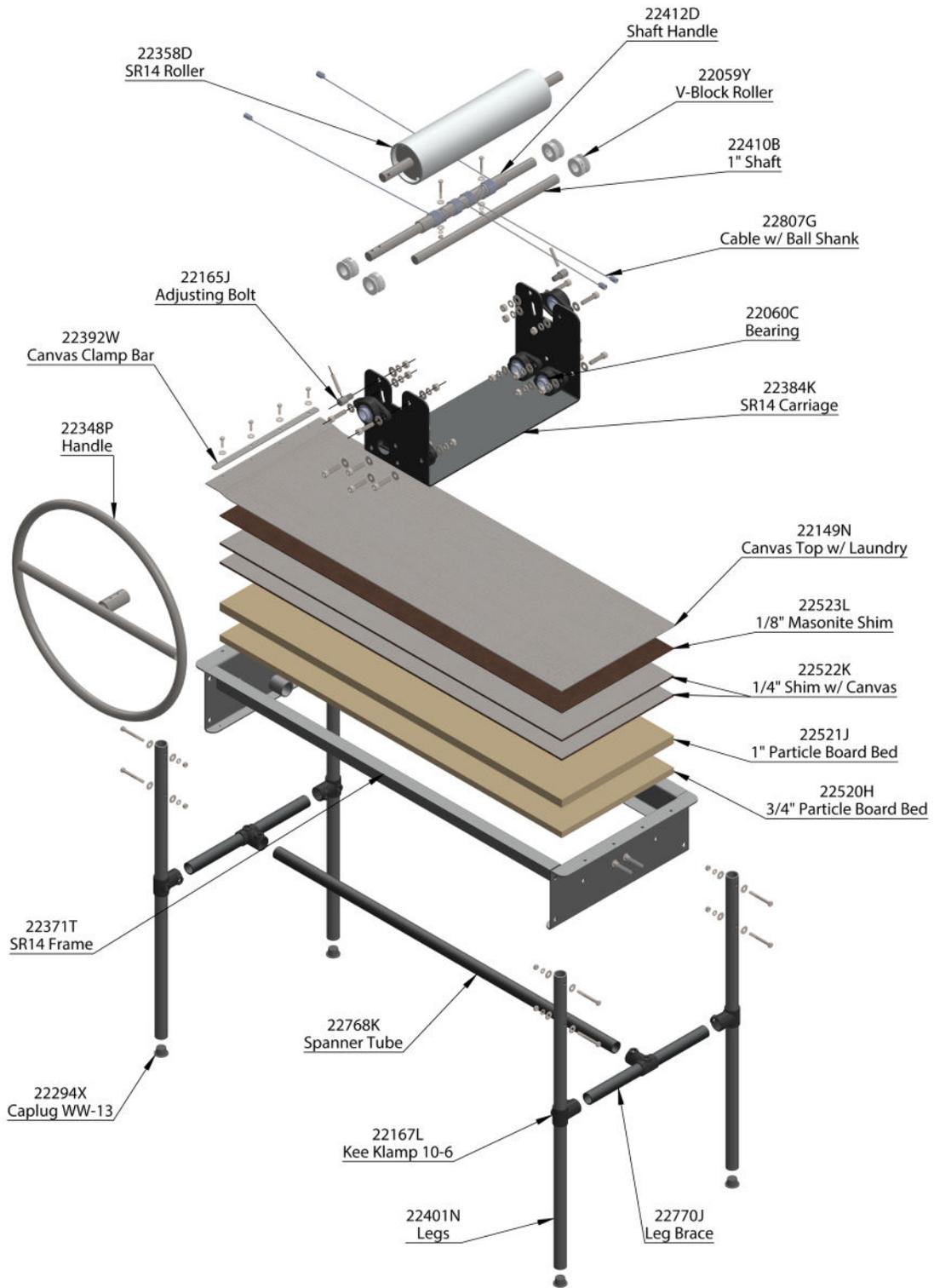
2. Periodically lift up on each side of the carriage to see if there is any play between the roller and the frame. If there is, slightly loosen the bearing mounting bolts on each side of the roller and turn the adjustment bolts clockwise with a 3/16 allen wrench until there is no play, but the carriage still rolls freely. Then tighten the bearing mounting bolts.

3. If the cables stretch out and become loose on your machine tighten them by first loosening the four locking nuts on the insides of the frame ends and then rolling the carriage all the way to one end. Now tighten the cable nuts on the opposite end of the machine. Then roll the carriage to the other end and tighten the two cables on the opposite end.

4. If you have an older machine and it becomes very hard to crank, check the adjustment bolts (as in Step 2); they may be too tight. If this is not the case it is possible that the carriage is out of alignment with the frame. This is rare unless the machine has been abused. Check, either visually or with a carpenter's square, to see if the carriage and roller are at 90 degrees to the frame rails. If they are not, remove all of the masonite shims and the wood base from the frame so that you have access to the vee-rollers and shafts. Now loosen the bearing mounting bolts on each end of the roller and the adjustment bolts. Also loosen all the set screws in the vee-rollers (there may be one or two in each). Using the carpenter's square align the carriage to 90 degrees to the frame rails and tighten the adjustment bolts to hold everything in place. Now tighten all the set screws in the vee-rollers (also check the set screws in the bearings on the vee-roller shafts). Set the adjustment bolts so that the carriage rolls freely (as in Step 2) and tighten the bearing mounting bolts. Because of the forces put on the components of this machine during the clay rolling process it is necessary to tighten the bolts and the set screws very tightly. Re-assemble the wood base and shims.



BRENT® MODEL SR-14



SR-14 PARTS LIST

Stock #	Description	# Per
22620A	Leg Set	Opt.
22052N	Set of Cables	1
22349R	Handle, Painted	1
22522K	1/4" Shim w/Canvas	1
22523L	1/8" Shim	1
22149N	Top Canvas	1

SMALL PARTS

2	5/16"-18 x 1/2 Set Screws
1	5/32 Allen Wrench
1	3/32 Allen Wrench

SMALL PARTS LEG SET ONLY

4	Leg Caps WW13
8	5/16" 18 x 2 Bolts
8	5/16" Flat Washers
8	5/16" Lock Washers
8	5/16" 18 Nuts
1	1/4" Allen Wrench

TIP:

Use a 9/16" wrench or socket to remove leg bolts if needed.

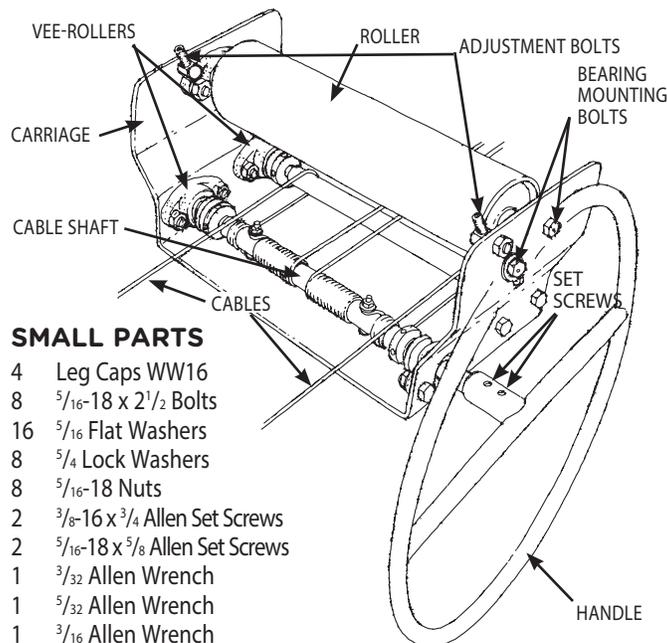
BRENT® MODEL SR-20

SET UP:

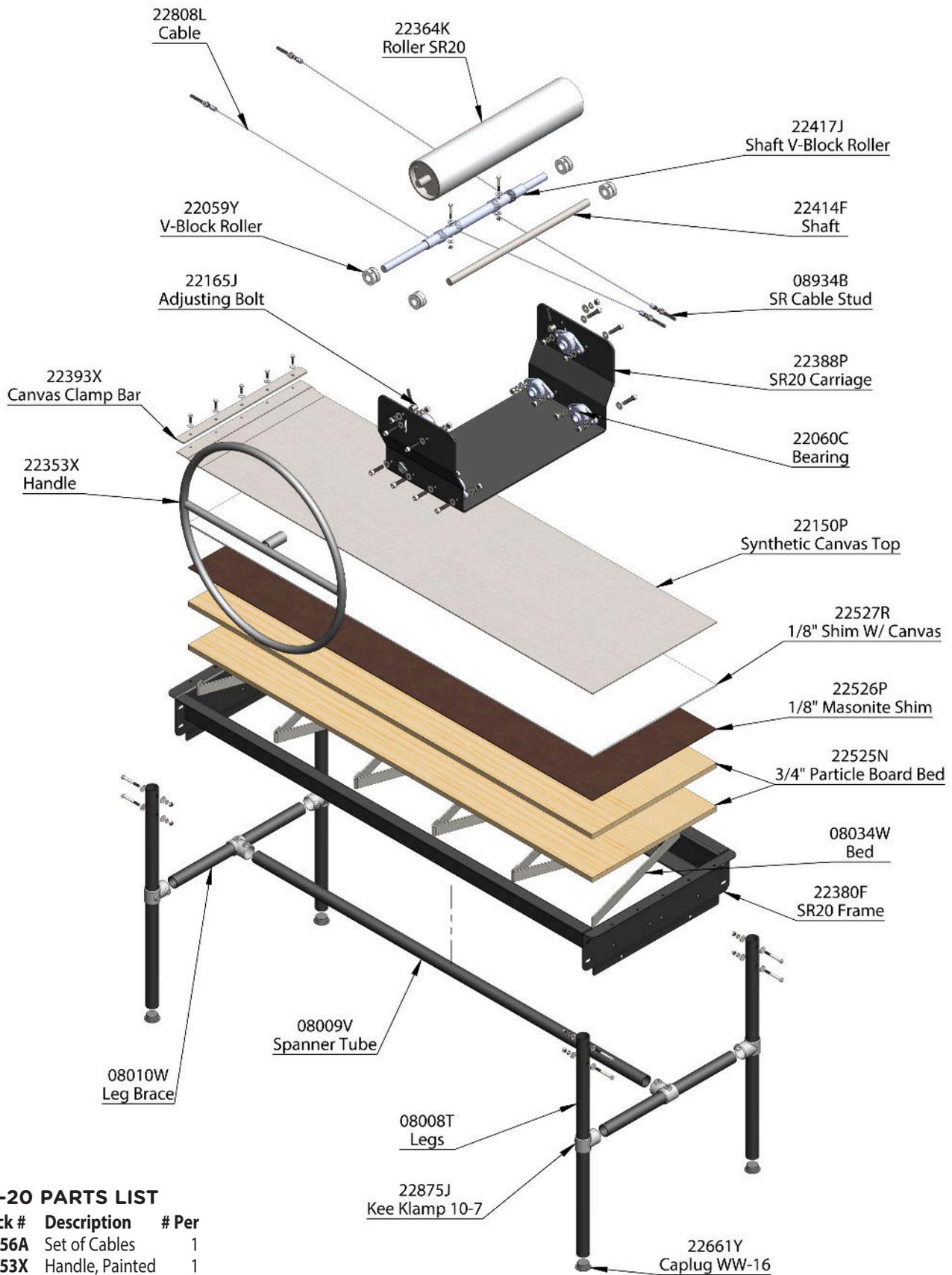
1. Remove all cardboard crating and cut plastic bands. Roll carriage to one end of the slab roller, pull the heavy top canvas out from under the roller, and roll it up on itself and tape it to the outside of the frame. This will keep the canvas out of your way and off the greasy cables. Now remove the masonite shims and wood bed. Remove the steel zig-zag braces if your machine has them. Unscrew the four $\frac{5}{16}$ " lag screws that hold the machine to the pallet and lift the machine off, but be sure to get help as it is heavy!
2. Tilt the slab roller up on its side (the opposite side from the handle shaft and label) and have a friend steady it while you bolt on one leg set with the smaller bent pipe inward. Put nuts on the outside so the bolt ends don't catch your clothes. Now bolt the second leg set on while sliding the lower brace pipe over the short projections on each leg set. Tighten all leg securing bolts tightly. Now tighten the allen screws on the ends of the lower brace pipe. Insert the plastic feet into the ends of the pipe legs. Get a friend and roll the machine onto its feet. Replace the zig-zag braces, the wood bed and the masonite shims.
3. Slide the circular handle onto the end of the cable shaft, making sure that the set screws line up with the drilled dimples in the shaft. Tighten both set screws very tightly with the allen wrench included in the parts bag.

MAINTENANCE:

1. Normal maintenance for the slab roller consists of lubricating the cables and cable shaft that winds up the cables with automotive chassis grease. Use the same lubricant on the vee-rollers and their tracks. Frequency of lubrication depends on how hard you use the machine. Visually check the cables, shaft, vee-rollers and tracks periodically to see if they are greasy. If they are not greasy, wipe on some grease (not too much or it will just fall off).
2. Periodically lift up on each side of the carriage to see if there is any play between the roller and the frame. If there is, slightly loosen the bearing mounting bolts on each side of the roller and turn the adjustment bolts clockwise with a $\frac{3}{16}$ allen wrench until there is no play, but the carriage still rolls freely. Then tighten the bearing mounting bolts.
3. If the cables stretch out and become loose on your machine, tighten them by first loosening the four locking nuts on the insides of the frame ends and then rolling the carriage all the way to one end. Now tighten the cable nuts on the opposite end of the machine. Then roll the carriage to the other end and tighten the two cables on the opposite end.
4. If you have an older machine and it becomes very hard to crank, check the adjustment bolts (as in Step 2); they may be too tight. If this is not the case it is possible that the carriage is out of alignment with the frame. This is rare unless the machine has been abused. Check, either visually or with a carpenter's square, to see if the carriage and roller are at 90 degrees to the frame rails. If they are not, remove all of the masonite shims and the wood base from the frame so that you have access to the vee-rollers and shafts. Now loosen the bearing mounting bolts on each end of the roller and the adjustment bolts. Also loosen all the set screws in the vee-rollers (there may be one or two in each). Using the carpenter's square, align the carriage to 90 degrees to the frame rails and tighten the adjustment bolts to hold everything in place. Now tighten all the set screws in the vee-rollers (also check the set screws in the bearings on the vee-roller shafts). Set the adjustment bolts so that the carriage rolls freely (as in Step 2) and tighten the bearing mounting bolts. Because of the forces put on the components of this machine during the clay rolling process it is necessary to tighten the bolts and the set screws very tightly. Re-assemble the wood base and shims.



BRENT® MODEL SR-20



SR-20 PARTS LIST

Stock #	Description	# Per
22256A	Set of Cables	1
22353X	Handle, Painted	1
22527R	1/4" Shim w/Canvas	1
22526P	1/8" Shim	1
22150P	Top Canvas	1

HOW TO USE THE BRENT® SRC, SR-14, SR-20

To use the slab roller, crank SRC (or turn the wheel on SR-14 and 20) to move the top roller all the way to the end of the machine where the heavy top canvas is attached to the bed.

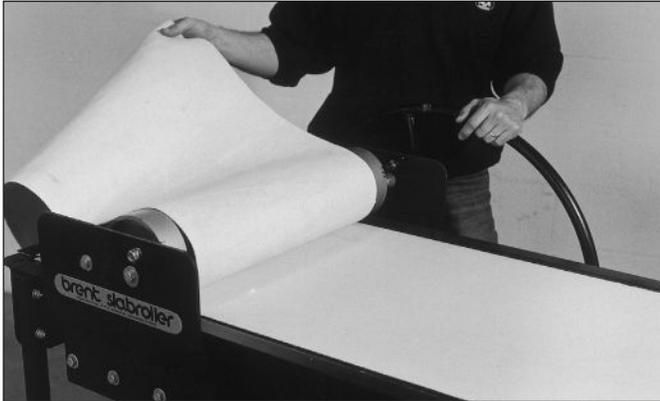


Figure 1

Flip the heavy canvas back over the roller (Figure 1). Masonite shims are used to raise or lower the bed to create your desired slab thickness. Remove or add masonite shims until you have the slab thickness you want (the space between the top canvas shim and the top roller) (Figure 2). Make sure the top shim has its canvas side up so the clay doesn't stick to it.



Figure 2

Place the clay firmly up against the roller. The shape of the clay will determine the size of the slab. Lay the canvas back over the clay. Be sure to straighten the canvas so it lays in the middle of the bed (Figure 3).

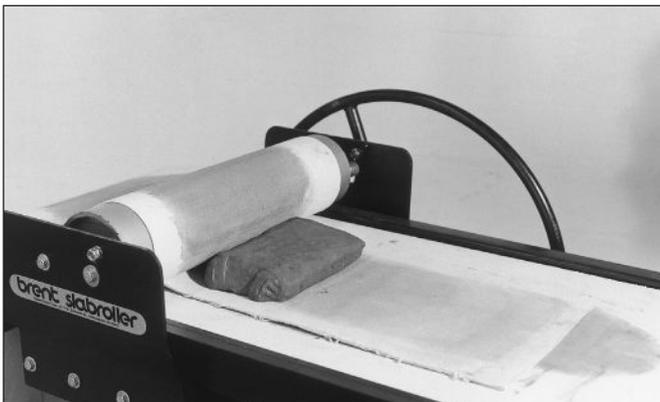


Figure 3

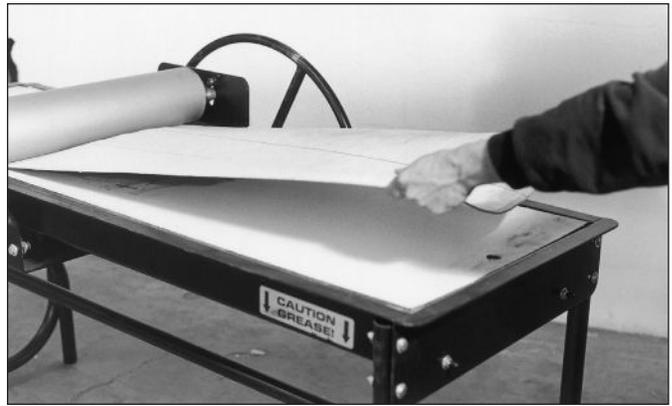


Figure 4

The top roller will crush and fray the top canvas if it is caught in the frame edge and under the roller (Figure 4). Next, turn the handle. When the slab is rolled out, return the carriage to its original position, peel off the top canvas and lay it back over the roller. When returning the roller (carriage) do not slam it against the end of the frame as this can cause early cable breakage. The clay can be transported from the slab roller to your work area by removing the top shim (Figure 5).

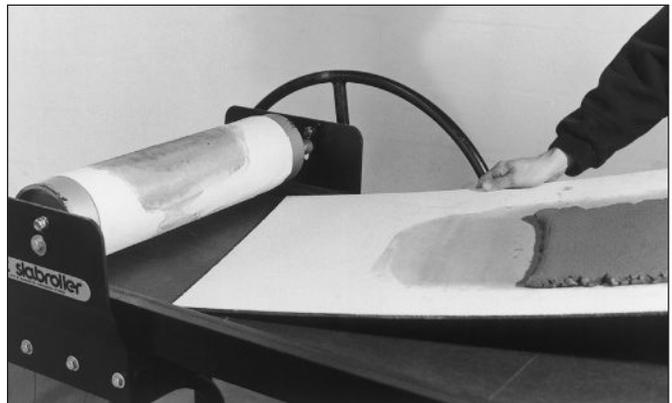


Figure 5

SPECIAL NOTES

If you are using very wet clay or rolling a lot of slabs continuously, you may want to purchase extra canvas covered shims. This will allow you to put in a

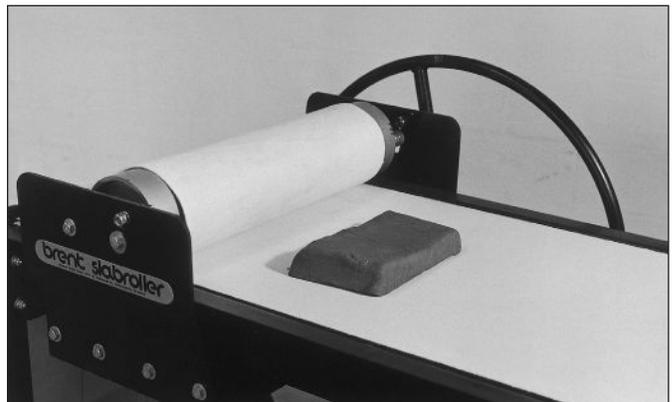


Figure 6

dry shim every few slabs without having to wait for one to dry. With extra canvas shims you can also remove the slab and the top shim together then put in another shim which will allow you to use the slab roller continuously. Shims should also be changed when changing clay bodies. Example: Shims for red clay bodies should be kept separate from shims for white clay bodies. Those of you who use only one clay body will have no contamination problem.



Figure 7

The shape of the clay placed on the roller will determine the shape of the slab produced, i.e. — a clay rectangle with the wide side parallel to roller will produce a wide, short slab (Figure 6 and 7). A clay rectangle with the narrow end against the roller will produce a long, narrow slab (Figure 8).

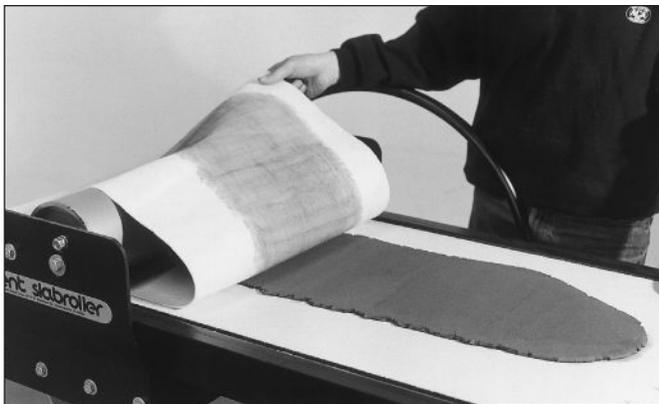


Figure 8

Stress can be lowered on the cables and the clay by angling the clay placed on the bed against the roller. We also suggest you limit the height of the piece of clay placed on the bed (2 1/2-3 inches should be the highest) — flatter pieces will produce less stress on the cables and the clay.

Smaller heavy canvases (such as a top canvas) can also be used on the slab roller bed (Figure 9). They will allow you to remove clay slabs without removing the shims (Figure 10). Special care should be used in handling any slabs. The flatter you can keep the slab the less stress on the clay. This will generally create less warpage when the slab dries. A good method to handle clay slabs on heavy canvas (Figure 5) is to place a board under the canvas. Once the slab is rolled lay newspaper on top of the clay slab, then place a board, same size,

on top. The slab will be sandwiched between the boards. Take the two boards between your hands and flip them over using enough pressure in your hands to keep the slab from moving. Remove the (now) top board and peel off the canvas for future use. This method will allow you to handle the slab and transport it to your work area with minimal stress on the slab. The newspaper will keep the slab from sticking to the board.

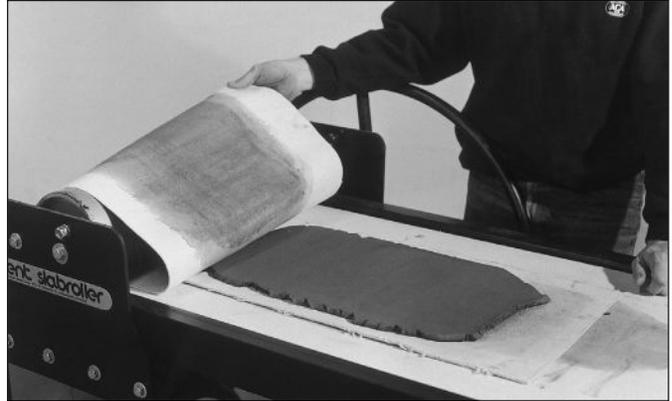


Figure 9

Different textures can be produced onto the slabs by using different canvases and linens, or other cloths. Examples: sheets will produce a very smooth surface compared to the surface created by the top canvas. The softer and thinner the material, the more care will be needed to create a surface without wrinkles. Other objects can also be used to press into the surface after the original slab is rolled. Examples are leaves, flowers, screens, etc. We have heard from people who use our slab rollers as printing presses by using felt blankets and thoroughly removing all the clay from the roller.

We're sure you will have many other ideas once you have used the slab roller for a short period of time and realize its possibilities.

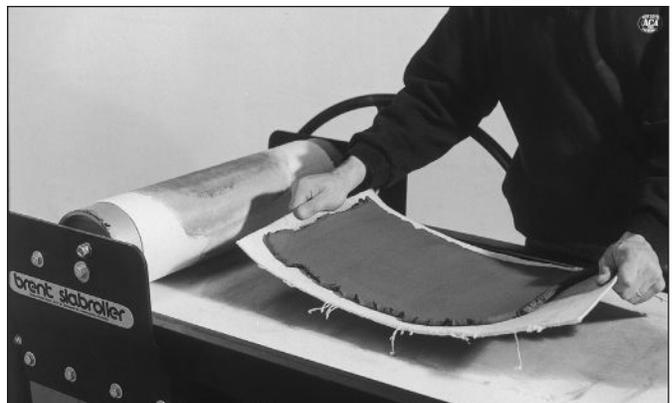


Figure 10

FOR YOUR SAFETY

NEVER put hands under or near roller when adjusting your shims and canvas or positioning the clay as others may turn the handle or wheel. When rolling the clay, the same applies—**KEEP HANDS, HAIR, CLOTHES AWAY FROM ROLLER AND CARRIAGE. MODEL SRC: KEEP HANDS, HAIR AND CLOTHES AWAY FROM CABLES AND MOVING PARTS.**

BRENT® SLAB ROLLER CABLE REPLACEMENT INSTRUCTIONS

MODELS SR-14 AND SR-20

REFER TO DRAWINGS IN ALL STEPS

Before beginning this job, be sure to wear old clothes and to have some mechanics hand cleaner on hand — you will get greasy.

Please read each step completely before starting.

Slab Roller Cable update kit includes:

New style cables, Cable lube and instructions

Tools needed (not supplied):

- two $\frac{9}{16}$ " and two $\frac{7}{16}$ " wrenches
- or two small adjustables
- set of standard allen wrenches
- $\frac{3}{8}$ " drill and bit
- bolt cutters or hacksaw
- rubber mallet or hammer
- pliers
- approximately 1 ft. length of 2 x 4
- mechanics hand cleaner
- approximately 1 hour time
- roll of masking tape or zip ties
- ruler or tape measure
- carpenter's square
- leather gloves—lightweight (optional)

INSTRUCTIONS

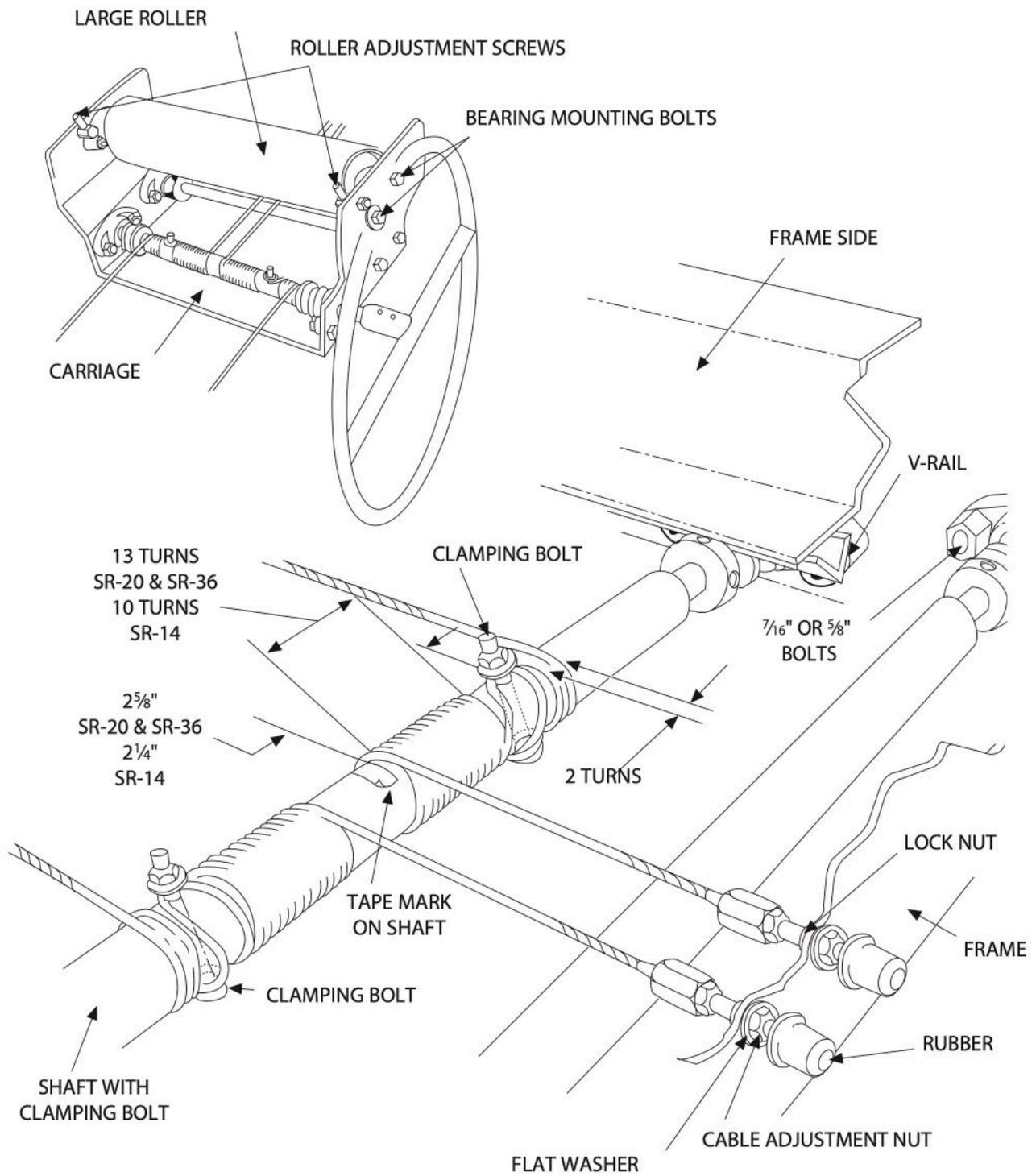
1. Roll the carriage up against the end of the Slab Roller that has the two cable adjustment nuts closest together (the end where the top canvas bolts down). Either remove the bolts that hold on the top canvas and set it aside or roll it up tightly. Set it where it bolts down and tape it to the frame end. Otherwise, the canvas will get greasy. Remove the shims and take out the particle board base by pushing up from underneath the Slab Roller frame. If your machine has zig-zagged steel supports under the particle board, remove these also. Now loosen the clamping bolts that go through the shaft that winds up the cable (don't remove) and take the cable adjustment nuts off at both ends of the machine. Unwind the cables from the shaft.
2. If you have an older machine you will have to drill out the holes in the frame ends to $\frac{3}{8}$ " for the new cable ends. Use a large slow turning electric drill if possible. Brace yourself when the drill goes through the frame end for it will have a tendency to catch in the steel. Run lock nuts onto the threaded ends of each new cable and insert one threaded end through one of the holes in the frame end (the end where the canvas bolts down). Let the two cable ends stick out $1\frac{1}{2}$ ". Now slide on a flat washer and turn on an adjustment nut (finger tight) to hold the cable in place.
3. Check to be sure that the clamping bolts are approximately vertical. If they aren't, you can twist the shaft until they are - but be sure that the carriage is still against the end of the slab roller where the canvas bolts down.

BRENT® SLAB ROLLER CABLE REPLACEMENT INSTRUCTIONS MODELS SR-14 AND SR-20

4. Measure from the center of each clamping bolt $2\frac{5}{8}$ " towards the center of the machine and mark the shaft with a piece of tape.
5. Wind the cables as shown in the drawing from the tape mark- towards the clamping bolt - be sure that the cable stays tight as you wind. Start across the top of the shaft and make 13 complete turns for SR-20 and SR-36 (10 turns for SR-14) and then wrap around clamping bolt ends as shown. When counting the turns, don't count the incoming cable with the threaded end or the outgoing cable that wraps around the clamping bolt.
6. Now from the bottom end of the clamping bolt, bring the cable across the top of the shaft and wind it around 2 times more for all models. The cable then goes to the other end of the machine where it goes through-the corresponding hole and gets a flat washer and cable adjustment nut.
7. Start tightening the cable at the opposite end of the machine from the carriage by holding the cable end with pliers inside the frame and tightening the cable adjustment nut on the outside. After tightening both cables on one end, get a rubber mallet or hammer and short length of 2 x 4 and pound hard on the cables several times, then tighten the cable adjustment nuts to remove all slack from the cables. Now roll the carriage to the opposite end and repeat the above procedure. Do each end twice or until the cables are very tight. Tighten the lock nuts against the inside of the frame. To check the tension of the cables, pluck them with your fingers - they should both make the same sound. After both cables are wound and attached, tighten the clamping bolts; it is not necessary to crush the cable.
8. Lubricate the cables and shaft with the black wire rope lube and reassemble the wood base and shims. Use a hacksaw (or bolt cutters) to cut the excess off the threaded ends of the cables - leave $\frac{3}{4}$ " sticking out. Push the four rubber caps over the ends. This is important. Injury can result if the ends are not cut and rubber capped.

BRENT® SLAB ROLLER CABLE REPLACEMENT INSTRUCTIONS

MODELS SR-14 AND SR-20



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MODELS SR-14 AND SR-20

MAINTENANCE:

1. Normal maintenance for the slab roller consists of lubricating the cables and cable shaft that winds up the cables with the lubrication provided. Use the same lubricant on the vee-rollers and their tracks. Frequency of lubrication depends on how hard you use the machine. Visually check the cables, shaft, vee-rollers and tracks periodically to see if they are greasy. If they are not greasy, spray on some grease (not too much or it will just fall off).
2. Periodically lift up on each side of the carriage to see if there is any play between the roller and the frame. If there is, slightly loosen the bearing mounting bolts on each side of the roller and turn the adjustment bolts clockwise with a $\frac{3}{16}$ Allen wrench until there is no play, but the carriage still rolls freely. Then tighten the bearing mounting bolts.
3. If the cables stretch out and become loose on your machine tighten them by first loosening the four locking nuts on the insides of the frame ends and then rolling the carriage all the way to one end. Now tighten the cable nuts on the opposite end of the machine. Then roll the carriage to the other end and tighten the two cables on the opposite end.
4. If you have an older machine and it becomes very hard to crank-check the adjustment bolts (as in Step 2, MAINTENANCE); they may be too tight. If this is not the case it is possible that the carriage is out of alignment with the frame. This is rare unless the machine has been abused. Check, either visually or with a carpenter's square, to see if the carriage and roller are at 90 degrees to the frame rails. If they are not, remove all of the shims and the wood base from the frame so that you have access to the vee-rollers and shafts. Now loosen the bearing mounting bolts on each end of the roller and the adjustment bolts. Also loosen all the set screws in the vee-rollers (there may be one or two in each). Using the carpenter's square align the carriage to 90 degrees to the frame rails and tighten the adjustment bolts to hold things in place. Now tighten all the set screws in the vee-rollers (also check the set screws in the bearings on the vee-roller shafts). Set the adjustment bolts so that the carriage rolls freely (as in Step 2, MAINTENANCE) and tighten the bearing mounting bolts. Because of the forces put on the components of this machine during the clay rolling process it is necessary to tighten the bolts and the set screws quite tightly. Re-assemble the wood base and shims.

WARRANTY INFORMATION

WHERE PURCHASED	ADDRESS
<input type="text"/>	<input type="text"/>
PURCHASE DATE	PRODUCT PURCHASED
<input type="text"/>	<input type="text"/>
MODEL NUMBER	SERIAL NUMBER
<input type="text"/>	<input type="text"/>

WARRANTY REGISTRATION

Please scan the QR code or go to www.amaco.com/warranty



- Ultimate determination of validity for warranty claims is at the discretion of AMACO/brent.
- All warranty work must be performed by an authorized brent® dealer or by the manufacturer to maintain the warranty. Any work done by someone other than an authorized dealer or the manufacturer will void this warranty.
- Warranty is non-transferable.
- Retain original purchase receipt. You will need this along with model number and serial number to obtain warranty service.
- The warranty is in effect from the date of purchase.

TERMS

Components we purchase for equipment are covered only by those manufacturer's warranties.

1 YEAR WARRANTY

The brent® Slab Roller warranty is limited to defects in materials and workmanship during the manufacturing process for one (1) year.

- Warranty period has expired.
- Repair or service by an unauthorized dealer.
- Damage due to abuse and/or misuse; including but not limited to improper installation, rough handling, improper storing.
- Shipping damage.
- Damage or failure due to acts of God such as, fire, flood, electrical storms, etc.
- Use other than for intended.
- Normal wear and tear on parts.
- Modifications to the unit in any manner.
- Contact the dealer from which you purchased your equipment. Parts and labor will be covered for valid warranty claims.
- If the dealer is unable to assist you, call AMACO/brent technical support, 800-999-5456 or email CustomerCare@amaco.com. Please have the model and serial number ready when you call or include them in the email.
- You may be asked to send the defective equipment or part(s) in for inspection. The serial number of the equipment being repaired must accompany the defective parts for the warranty to be honored. Include a note describing the nature of the problem, to save the technician time since many problems may not show immediately.
- If it is necessary to ship equipment or parts to AMACO/brent for inspection, repair or replacement, the technician will explain how to return the defective item(s) and whether it should be sent prepaid. For your protection, insure all items shipped.
- For International warranty claims that are not handled by our authorized dealer, we may ask you to follow basic repair instructions or appoint/liaise a local specialist.

PLEASE HAVE EQUIPMENT MODEL AND SERIAL NUMBER READY WHEN YOU CALL OR INCLUDE THEM IN THE EMAIL.

EXCLUSIONS

Your AMACO/brent Warranty will be void if any of the following occur:

REPAIR INSTRUCTIONS

Parts and labor will be covered for valid warranty claims.



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