

brent[®] owner's manual

FOR ALL BRENT[®] POTTER'S WHEEL MODELS



Approved
220-240V AC

**say hello
to your
new
brent
wheel.**

Learn how to throw here:





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:



This 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

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 wheels 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,

Handwritten signature of Bond Sandoe III in black ink.

Bond Sandoe III
COO and President

Handwritten signature of Jeff Sandoe in black ink.

Jeff Sandoe
Chief Revenue Officer

Handwritten signature of Patterson Rogers in black ink.




Patterson Rogers
Chief Efficiency 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.

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	Electrical shock hazard
	Disconnect power supplies before servicing or cleaning
	Requires two people to lift safely

	Requires three people to lift safely
	Do not hose
	Electrical ground

WARNING LABELS AND THEIR MEANING

Your new wheel may have one or more of these stickers applied to it.

YOUR NEW POTTER'S WHEEL

WELCOME

Congratulations on your purchase of a brent® Potter's Wheel.
We trust you will be pleased with your decision and enjoy your new wheel for years to come!

Please read the enclosed safe operation, maintenance, and warranty information carefully.



DELIVERY INSPECTION

Before signing the delivery receipt, thoroughly inspect your package. If merchandise is damaged, please make notation of the damage on delivery receipt, stating that you request an inspection by a qualified damage claim inspector. Follow up with a call to the delivering carrier, making an appointment for the inspection. At this time notify AMACO/brent as to the extent of the damage and you will be informed upon the procedures necessary for filing a claim with the freight company.

Do not attempt to operate the wheel if damaged.

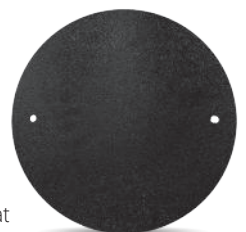
PACKAGE CONTENTS



[1] Wheel and
Foot Pedal



[1] Splash Pan:
two halves



[1] Plasti-bat

IMPORTANT SAFETY INSTRUCTIONS

DO AND DO NOT

- ✗ DO NOT leave wheel running unattended.
- ✗ DO NOT force the wheel head to stop, as this will shorten the life of the wheel.
- ✗ DO NOT plug power cord into an extension cord.
- ✓ DO plug power cord directly into a properly functioning GFCI (Ground Fault Circuit Interrupter) outlet, either 110-120 or 220-240 volts depending on your wheel's power configuration. (For optimum performance, each wheel should have its own outlet with no more than two wheels per properly-sized breaker.)
- ✗ DO NOT exceed recommended maximum clay weight for your wheel, to do so will shorten the life of the wheel.
- ✓ DO fully depress foot pedal backwards into the "OFF" position before turning the wheel on.
- ✗ DO NOT attempt to move or hold the wheel head during operation, or while the power is on as this could cause serious injury.
- ✓ DO when cleaning the wheel, inspecting parts, and between periods of use, always turn "OFF" the on/off switch and confirm that the power indicator light is off. Then unplug the wheel from its power source.
- ✓ DO take care with long hair, jewelry, and loose fitting clothing. Such items may get caught in the moving wheel head causing damage or injury.
- ✗ DO NOT let the wheel stand in water.
- ✓ DO keep tools and small parts out of reach of small children.
- ✓ DO place the wheel on a flat, even surface away from other objects.
- ✗ DO NOT ever operate the wheel with the belt guard removed.
- ✗ DO NOT attempt to lift the wheel by yourself. Equipment must be lifted by two to three people, depending upon your wheel model.
- ✓ DO when conducting a repair, disconnect power supply by unplugging power cord from outlet.
- ✓ DO have the power outlet in the vicinity of the wheel and under immediate supervision of service personnel at all times.
- ✓ DO stop operation of the wheel if you see or smell smoke, or if you hear unusual noises. Then turn off power, unplug power cord from outlet, and call brent® Repair for assistance.
- ✗ DO NOT remove the control box and panel covers when the wheel is plugged into power. Doing so increases the risk of electric shock.
- ✗ DO NOT attempt repairs and modifications yourself. To do so will void your warranty.
- ✓ DO call a qualified technician for repairs or modification. Should you need clarification or help troubleshooting before calling a technician, call AMACO/brent first at 800- 999-5456 for help and technical support.

NOTE: It is not safe to operate electrical equipment around water if it is not grounded.

DO READ AND SAVE THESE INSTRUCTIONS

GENERAL INFORMATION OF THE BRENT POTTER’S WHEEL

GENERAL INFORMATION

The potter’s wheel was first created around 3000 BC as a means to increase production of ceramic wares for everyday use. Though the concept is very simple, today’s machines add elegance and robust engineering to meet the modern pottery demands.

The Brent potter’s wheel consists of a polished aluminum head attached to a powder coated steel frame that house the electronics, motor, and pulleys that deliver all the torque needed to shape clay into its final form. The Brent potter’s wheel is wrapped in a vacuum formed HDP sheet for easy cleaning if any clay happens to make it past the injection molded HDPE splash pan, which acts as a basin for all your clay slurry that formed during the throwing process. All of these components help make Brent pottery wheels the most dependable wheel on the market.

For CE compliance, the Electromagnetic Compatibility Directive assessment was conducted to meet commercial emissions standards. To comply with these standards, this equipment should not be used in close proximity to residential living space.

BRENT POTTER’S WHEELS CHART

MODEL	PART NUMBER	WHEEL HEAD	HP	WEIGHT		VOLTAGE	CURRENT	FREQUENCY	dB(A)
				LBS	KG				
B	22604E	14"	1/2	112	51	110-120C	10	50 - 60 Hz	70
	22606G	14"	1/2			220-240V			
C	22608J	14"	3/4	117	53	110-120V			
	22610L	14"	3/4			220-240V			
CXC	22727G	14"	1	117	53	110-120V			
	22728H	14"	1			220-240V			
#16	22666E	14"	1/2	287	130	110-120V	5		
	22613P	14"	1/2			220-240V			

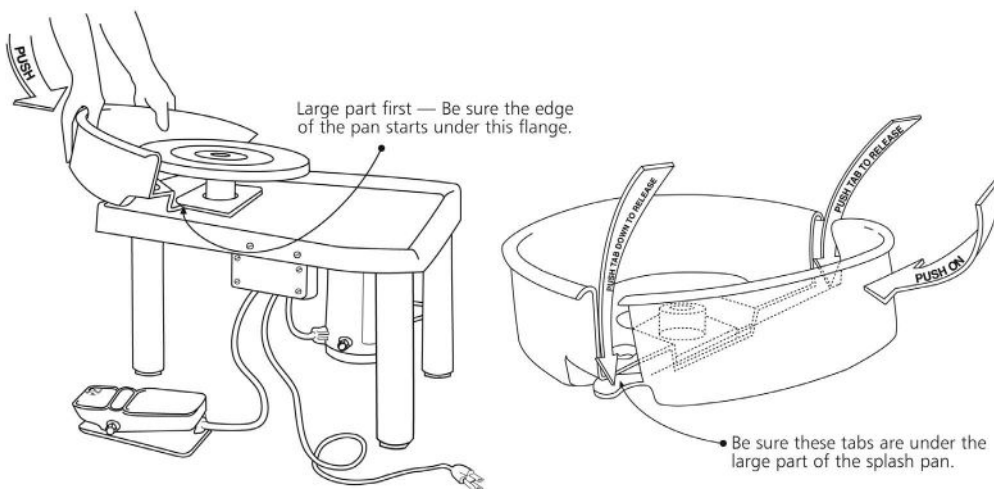
USING YOUR WHEEL FOR THE FIRST TIME

The wheel has an on/off switch, a fuse, and a reversing switch located on the right side of the wheel. Make sure the foot pedal is in the "off" position before turning your power switch on.

Occasionally, due to minor voltage variations, you may need to adjust the foot pedal to achieve an optimal calibration to your electrical environment. (see Troubleshooting, pages 14-16)

USING YOUR NEW WHEEL

NOTE: When starting up your wheel for the first time, the wheel may have a slight "thump" sound. This is normal and is a result of the rubber drive belt being held in the same position since manufacturing and should go away within 10 or 15 minutes of use.



INSTALL THE SPLASH PAN

NOTE: The splash pan is not meant to hold water.



Tip the foot pedal towards you in the "OFF" position and toggle the ON/OFF switch into the "ON" position. The pilot light will come on indicating that the solid state circuit that controls the motor is receiving power. With the foot pedal tipped back, the wheel head should not rotate. As the foot pedal is pushed forward, the speed should increase smoothly, up to a maximum of 240 rpm. If the wheel does not turn off with the foot pedal back, or does not run fast enough, see Troubleshooting on pages 14-16. **All wheel models are reversible.** If you wish to reverse the direction, tip the foot pedal toward you in the "OFF" position. When the wheel stops, move the FWD/REV toggle switch to either Forward or Reverse.

HOW TO OPERATE THE PEDAL

TAKING CARE OF YOUR WHEEL

CARING FOR YOUR WHEEL

With proper care and maintenance, brent® wheels have been known to be in service for over 30 years.

Please follow these simple instructions to ensure this kind of dependability from your brent® wheel.

- Turn off and unplug wheel when not in use.
- To ensure maximum brush life, always allow the motor to come to a complete stop before changing directions of the wheel head.
- Clean wheel after every use by removing splash pan and emptying contents into slop bucket. Sponge down table and legs.
- Clean floor of any surrounding water and wet clay.
- Store foot pedal on wheel table when not in use. In addition, when mopping studio floors, foot pedals should be placed on the table top of the pottery wheel.
- Always clean wheel with a damp sponge and water, do not use solvents and do not use a hose.
- Do not let wheel stand in water or slop.
- Store in a dry space away from outdoor elements. If placing the wheel into storage, it might be beneficial to pull your motor brushes from the motor with the wheel disconnected from power, in order to avoid problems that could arise otherwise.
- Keep the serial number and the date of purchase in a safe place: you will need this information if you ever need service or want to make modifications to the wheel.
- The recommended operating and storage temperatures is 50-90° F, with a relative humidity of less than 60%.
- Keep the wheel away from dust and vibration during storage to ensure maximum life of the wheel.

MAINTENANCE: STANDARD BELT REPLACEMENT

To ensure correct belt tension and maximum belt life, all our belt drive wheels come equipped with automatic belt tensioning devices. The spring tensioner will eliminate having to tighten the belts. It's not necessary to release the spring tensioner

when removing the belt, simply roll the belt off the pulley. Check belts every five years for wear as the rubber will break down faster in some climates. To replace the belt, please follow instructions for your particular wheel.

MAINTENANCE: REPLACING THE BELT

MODELS:
B, C, CXC,
AND #16



1. Turn wheel off and unplug from the power outlet. Raise the front of the pottery wheel until the wheel rests on its back legs.



2. Locate the belt guard on the bottom of the wheel. Use a $\frac{7}{16}$ " wrench to remove the three nuts and bolts highlighted in photo.



3. Gently pull the top of the belt guard toward you and twist it to the left. Set belt guard aside.



4. "Walk" the belt off the large pulley by grabbing hold of the belt in the space between the pulleys, then gently pull toward you while turning the large pulley slowly.

MAINTENANCE: STANDARD BELT REPLACEMENT

MODELS:
B, C, CXC,
AND #16
(CONTINUED)



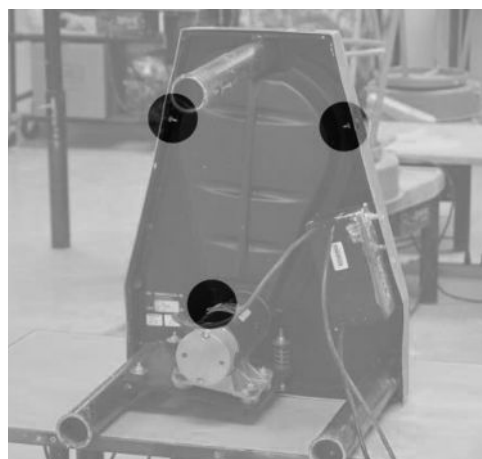
5. Install new belt by fitting the new belt over the small pulley first.



6. Lay one half of the grooved side of the belt on the large pulley and start turning the belt and pulley at the same time to "roll" the belt onto the large pulley.



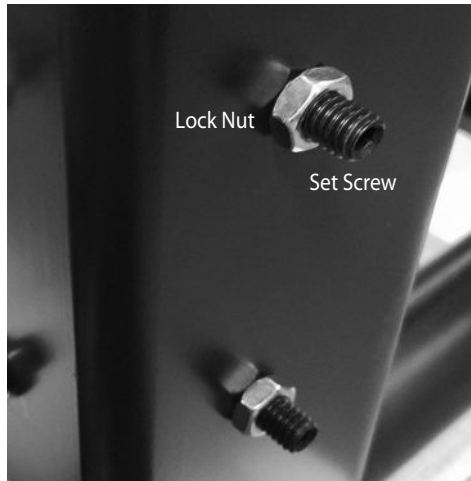
7. Check that the belt is centered on both pulleys. **NOTE:** It is common for the pulleys to have more grooves than the belts.



8. Place the belt guard back in position and attach with the three nuts and bolts removed in step 2.

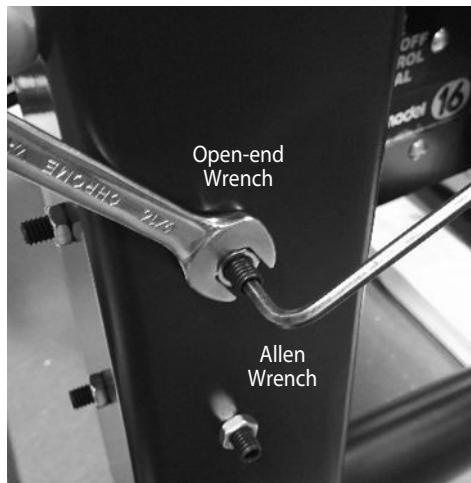
MAINTENANCE: SLIDE ADJUSTMENT

1. If there is side play in the wheel or the slides are too tight for ease of height adjustment, troubleshoot the problem by first removing the acorn nuts.

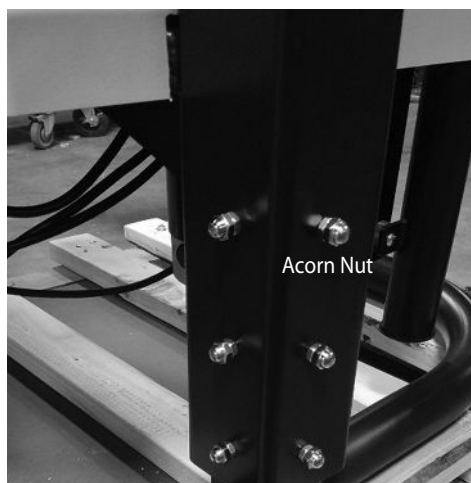


MODEL:
NO. 16

2. Using the allen wrench and the open-end wrench, hold the set screw in place and loosen the lock nuts. Adjust the set screws, either left to loosen or right to tighten. Do this systematically to all set screws until the slides have proper tension.



3. Turn the handle and check to ensure that the problem has been solved. If not, continue the process of systematically adjusting the set screws. When there is proper tension on the slides and the handle easily adjusts the height of the wheel without side play, tighten the lock nuts and thread the acorn nuts back into place.



MAINTENANCE: WHEEL MOTOR BRUSH REPLACEMENT

CURRENT ELECTRIC MOTORS

Motor brushes should be replaced every 5000 hours of operation. This equates to a standard use of 4 hours per day, 5 days per week for 5 years. Please contact AMACO/brent FIRST when your brushes need replacing. Please email technicalsupport@amaco with a photo of your

old brush, the serial number of your wheel and make of motor so the technician may help you choose the correct brushes for your wheel. Your replacement brush may come from AMACO/brent or your local distributor.

CAUTION: UNPLUG THE POWER BEFORE ATTEMPTING MOTOR SERVICE!



1. Carefully remove the brush cover using a standard flat-blade screwdriver or washer.



2. Once the cap is removed, the brush spring will be visible.



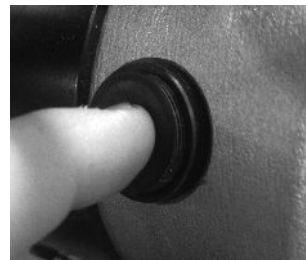
3. Gently pull the brush out of the holder. Note orientation of brush to ensure you can replace in same way if brush will be re-used.



4. For installation, insert the brush into the holder.



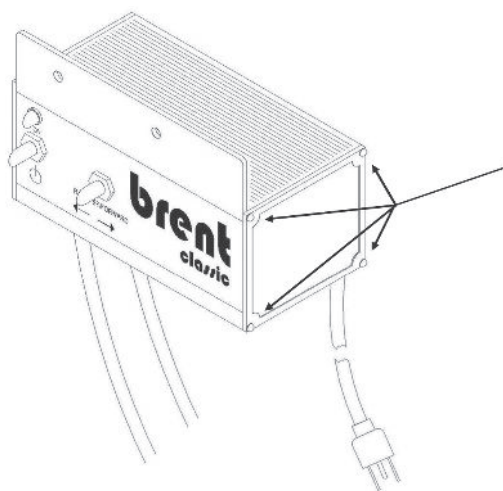
5. Use brush cover to compress brush spring. The two tabs of the brush must be aligned properly in the holder.



6. Use your fingers or a screwdriver to thread brush cover into holder. Be careful not to strip plastic threads. DO NOT OVER TIGHTEN.

SLOW BLOW FUSE REPLACEMENT AND INFORMATION

CAUTION: UNPLUG THE POWER PRIOR TO REPLACING THE SLOW BLOW FUSE!



Remove (4) screws from the power cable side of the control box. The slow blow fuse will be behind the cover. Carefully remove the slow blow fuse, a tool may be needed to gently pry the slow blow fuse out of the socket.

REPLACING THE SLOW BLOW FUSE OF MODELS: B, C, CXC, AND #16

MODEL	VOLTAGE	FUSE TYPE (SLOW BLOW)
B	110-120C	20 Amp Slow Blow
	220-240V	25 Amp Slow Blow
C	110-120V	20 Amp Slow Blow
	220-240V	25 Amp Slow Blow
CXC	110-120V	20 Amp Slow Blow
	220-240V	25 Amp Slow Blow
#16	110-120V	20 Amp Slow Blow
	220-240V	25 Amp Slow Blow

SLOW BLOW FUSE INFORMATION

All slow blow fuses are 1.25" x .25" or 6.35 x 31.75mm

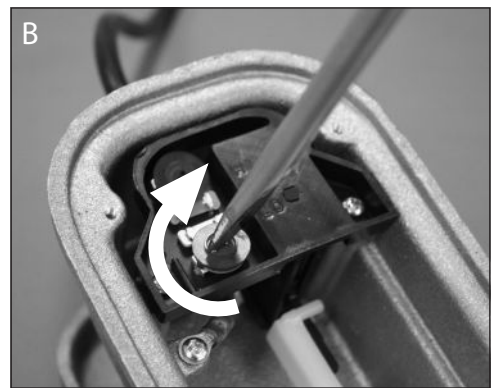
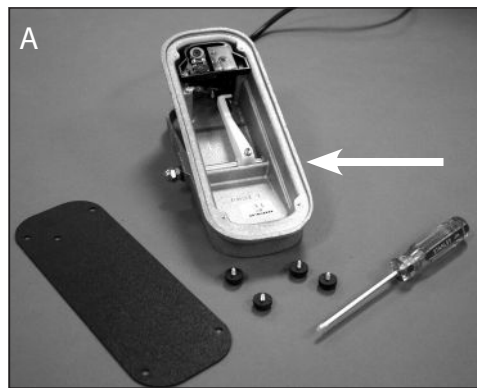
TROUBLESHOOTING

The following is a list of the most common concerns that may be experienced while using your brent® potter's wheel. Most of these difficulties occur as a result of normal "wear and tear" and can be solved with ease. Our brent® wheels have up to a ten year warranty on in-house service and parts.

If you have any questions or need to order replacement parts, contact the AMACO/brent Technical Support Department at 800-999-5456.

Note: Always unplug your wheel when it is not in use to protect against power surges and lightning storms.

WHEEL HEAD STILL ROTATES WHEN PEDAL IS OFF



1. Remove bottom of pedal. Check plastic arm to see if it is tight on the bolt that runs through it. If it is not, push plastic arm to the bottom of pedal and tighten the set screw in the base of the arm. [Fig A]
2. Turn the blue "LO" disc clockwise until wheel head stops rotating. [Fig B]

WHEEL DOES NOT ROTATE WHEN POWER IS ON

1. Ensure that the direction switch is not in neutral, if this does not solve the problem continue to step 2.

SWITCH POSITIONS: Reverse / Neutral / Forward

2. Disconnect from the power supply.
3. Check the fuse and replace if blown. (see page 12)
4. If there is power to the control box and the fuse is fine, please call brent repair for assistance.

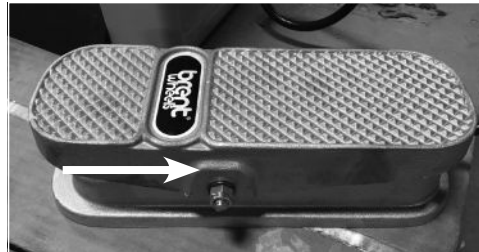
TROUBLESHOOTING

1. Lean the wheel back so that it is lying securely on its back.
2. Loosen the two bolts which hold the guard in place.
3. Adjust the guards until rubbing stops.
4. Tighten bolts.
5. If problem persists, please call brent® Repair for assistance.



BELT IS RUBBING
AGAINST THE
BELT GUARD

1. Use a ½" size wrench to tighten or loosen the nut on the side of the foot pedal, as needed.



FOOT PEDAL IS
TOO LOOSE OR
TOO TIGHT

The belt is off its pulleys or has broken.

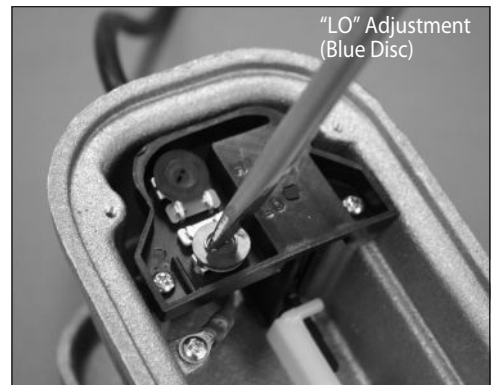
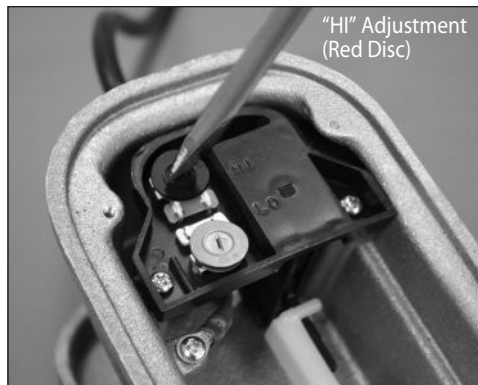
1. Disconnect the power supply.
2. Lean wheel back so it is resting securely on its back legs.
3. Remove belt guard.
4. Place belt in middle grooves of small pulley on motor.
5. Start belt on large pulley, then rotate large pulley until belt is on.
6. Turn wheel on and test to make sure belt stays on. (If belt continues to fall off, call brent® Repair for assistance.)
7. Reinstall belt guard.



WHEEL HEAD IS
NOT ROTATING,
BUT THE MOTOR
IS RUNNING

TROUBLESHOOTING

WHEEL HEAD ROTATES TOO FAST OR TOO SLOW



1. Turn foot pedal over and remove the bottom plastic cover from the pedal.
2. Locate the red disc, this is the "HI" speed adjustment.
3. Using a small standard screwdriver, rotate the red disc clockwise to increase the speed, or counter-clockwise to decrease the speed.
4. Any adjustments to the red disc may result in having to make an adjustment to the blue disc. If you increase the overall speed of the wheel, you may have to turn the blue disc clockwise to make the wheel stop when the pedal is moved to the off position. If the wheel speed is decreased, you may have to turn the blue disc counter-clockwise to increase the range of motion when the foot pedal is moved to the off position.

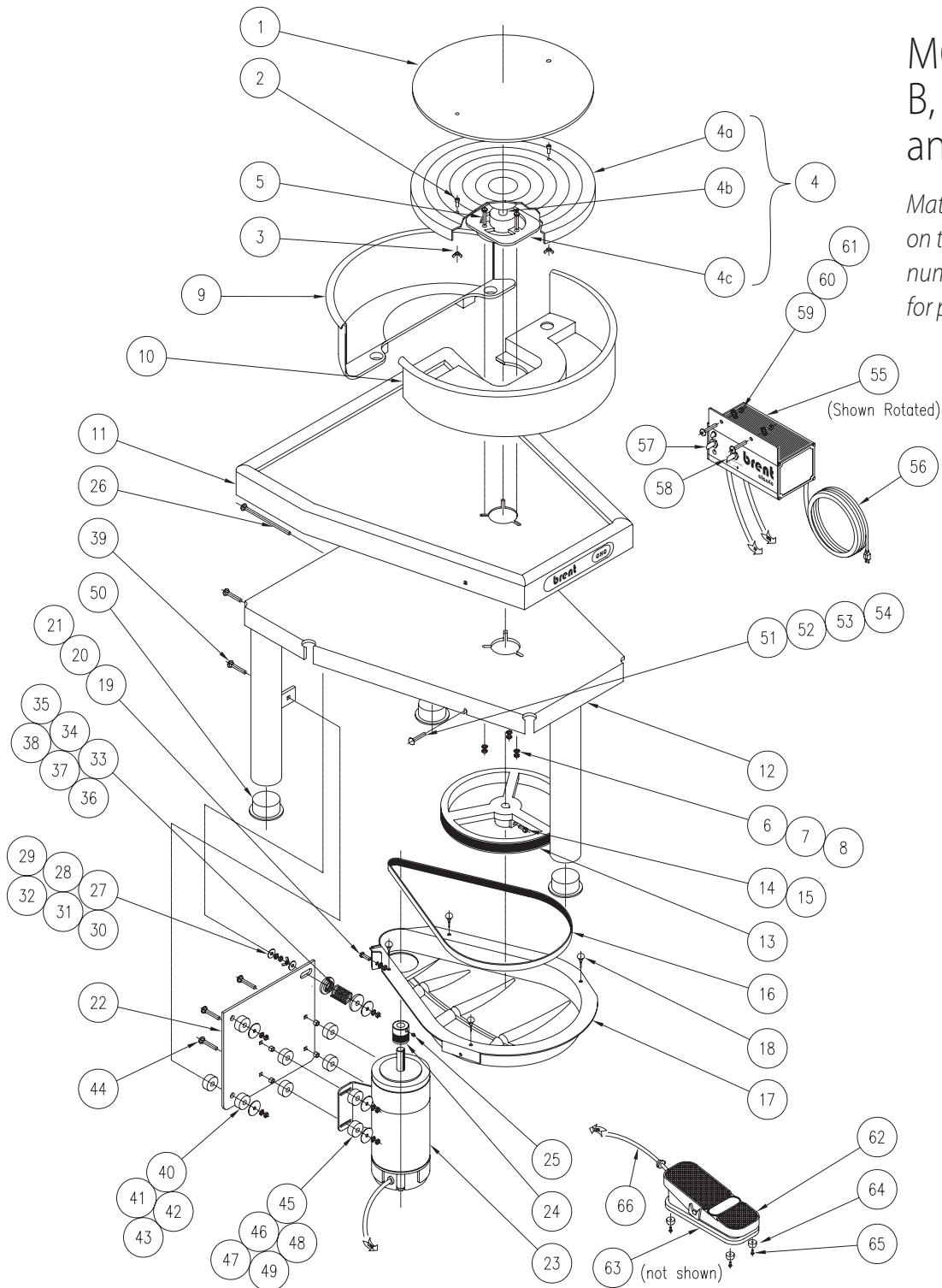
Note: The discs are very sensitive and will require very little movement, 1 to 5 degrees at a time. The wheel can be on and rotating while making this adjustment to ensure that the start point is at the desired speed.

Please note that if your screwdriver touches the silver tabs between the red and blue discs, while the wheel is connected to power, this could result in a blown circuit board.

PARTS DIAGRAM

MODELS:
B, C, CXC,
and #16

Match circled numbers
on this page to item
numbers on pages 18-19
for part description.



PARTS LIST

MODELS:
B, C, CXC,
AND #16

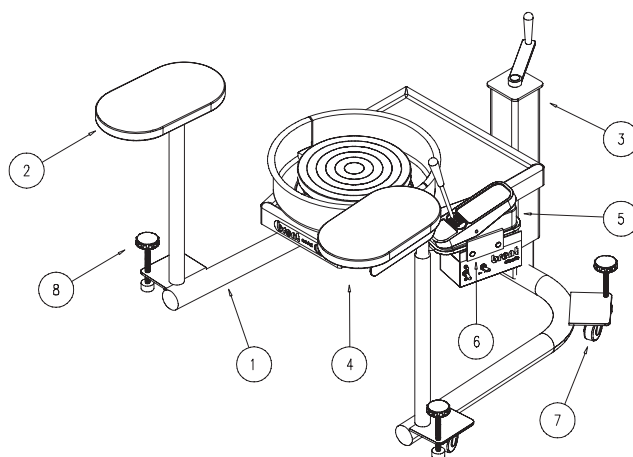
ITEM #	QTY.	PART #	DESCRIPTION
1	1	32333M for B, C, CXC & 16 Models	Plasti-Bat
2	2	22135X	Bat Pin
3	2	Item 2 & 3 sold as set	Bat Pin Wing Nut
4	1	22017T for B, C, CXC & 16 Models	Wheel Head Assembly
4a	1	4a, 4b & 4c sold as assembly only see item 4	Wheel Head
4b	1	4a, 4b & 4c sold as assembly only see item 4	Wheel Head Shaft & Bearing
4c	1	4a, 4b & 4c sold as assembly only see item 4	Bearing Housing
5	3	5/16-18 x 1 1/4 Hex Bolt	Wheel Head Mounting Bolt
6	3	5/16 Flat Washer	Wheel Head Mounting Flat Washer
7	3	5/16 Lock Washer	Wheel Head Mounting Lock Washer
8	3	5/16-18 Hex Nut	Wheel Head Mounting Nut
9	1	22281F	Splash Pan Front
10	1	Items 9 & 10 sold as a set	Splash Pan Back
11	1	22279D	Table Top Plastic
12	1	22426W	Steel Frame and Legs
13	1	22048J	Large Drive Pulley
14	1	5/16-18 x 5/8 Square Head	Drive Pulley Lock Bolt
15	1	3/16 x 1 1/4 Key Stock	Drive Pulley Shaft Key
16	1	22926W	Drive Belt
17	1	22570W	Belt Guard
18	4	22307N	Belt Guard Vibration Snubber
19	1	1/4-20 x 3/4 Hex Bolt	Belt Guard Bolt
20	1	1/4 Lock Washer	Belt Guard Lock Washer
21	1	1/4-20 Hex Nut	Belt Guard Nut
22	1	08671C	Motor Mounting Plate
		22228N for B, 16 Wheels 22767G for C Wheel	
23		22227M for CXC Wheel	Motor
24	1	22637V (set screw included)	Motor Drive Pulley (Small Pulley)
		1/4-20 x 1/4 Allen Set Screw (included with motor pulley part # 22637V)	
25	1		
26	1	5/16-18 x 5 Carriage Bolt	Drive Belt Tension Bolt
27	1	5/16 Flat Washer	Drive Belt Tension Bolt Flat Washer
28	1	5/16 Lock Washer	Drive Belt Tension Bolt Lock Washer
29	1	5/16 Hex Nut	Drive Belt Tension Bolt Nut
30	1	5/16-18 Wing Nut	Items 30, 31 & 32 Used for shipping only
31	1	5/16 Lock Washer	Items 30, 31 & 32 Used for shipping only
32	1	5/16 Flat Washer	Items 30, 31 & 32 Used for shipping only
33	1	22286L Items 33 & 35 sold as set	Tension Spring Guide Rear
34	1	22178B	Tension Spring
35	1	22286L Items 33 & 35 sold as set	Tension Spring Guide Front
36	1	5/16 Fender Washer	Drive Belt Tension Bolt Fender Washer
37	1	5/16 Lock Washer	Drive Belt Tension Bolt Lock Washer
38	1	5/16-18 Hex Nut	Drive Belt Tension Bolt Hex Nut
39	2	1/4-20 x 2 Carriage Bolt	Motor Mounting Plate Bolt
40	4	22306M	Motor Mounting Plate Bushing
41	2	1/4 Fender Washer	Motor Mounting Plate Fender Washer
42	2	1/4 Lock Washer	Motor Mounting Plate Lock Washer
43	2	1/4-20 x 2 Carriage Bolt	Motor Mounting Bolt

Parts list continued on page 19.

PARTS LIST

ITEM #	QTY.	PART #	DESCRIPTION
45	4	Used for Manufacturing Only	Motor Mounting Bolt Retainer
46	8	22306M	Motor Mounting Bushing
47	4	1/4 Fender Washer	Motor Mounting Fender Washer
48	4	1/4 Lock Washer	Motor Mounting Lock Washer
49	4	1/4-20 Hex Nut	Motor Mounting Hex Nut
50	3	22695P	Frame Leg Plug
51	2	1/4-20 x 3/4 Hex Bolt	Belt Guard Bolt
52	2	1/4 Lock Washer	Belt Guard Flat Washer
53	2	1/4 Flat Washer	Belt Guard Lock Washer
54	2	1/4-20 Hex Nut	Belt Guard Hex Nut
55	1	Please call for prices and availability	Classic Controller
56	1	Please call for prices and availability	Power Cord for Classic Controller
57	1	Please call for prices and availability	Power Switch for Classic Controller
58	1	Please call for prices and availability	Reversing Switch Classic Controller
59	2	1/4-20 x 1 Phillips Head Machine Screw	Controller Mounting Bolt
60	2	1/4 Star Washer	Controller Mounting Star Washer
61	2	1/4-20 Nylok Nut	Controller Mounting Nylok Nut
62	1	22035R	Foot Pedal Complete
63	1	22278C	Foot Pedal Cover
63	1	22858R	Electric Sub-assembly for Foot Pedal
63	1	22881S	Foot Pedal Tension Hardware & Arm
64	4	22273W (Mtg. Screws Included)	Foot Pedal Foot
65	4	6/32 X 3/8 Phillips Head Machine Screw	Foot Pedal Foot Mounting Screw
66	1	22945T	Foot Pedal Cord

MODELS:
B, C, CXC,
EX, AND #16
(continued)



MODEL #16
DIAGRAM

ITEM #	QTY.	PART #	DESCRIPTION
1	1	22508S	Frame, 16 Complete
2	2	22851G	Arm Supports
3	1	22849F	Crank Assembly
4	1	22935H	Belt Guard
5	1	22823B	Foot Lever with Lever
6	1	22818T	Foot Pedal Mounting Bracket
7	4	22847C	Caster
8	4	22846D	Adjusting Foot

MODEL #16
ADDITIONAL
PARTS

WARRANTY / REGISTRATION INFORMATION

WARRANTY INFORMATION

*Warranty terms
and conditions
for your equipment.*



New Equipment



Refurbished Equipment

WARRANTY REGISTRATION

*To complete your warranty
registration and glaze rebate
forms, please scan the
appropriate QR code or go to
www.amaco.com/warranty*



New Equipment



Refurbished Equipment

WARRANTY INFORMATION

- 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

**10 YEAR
WARRANTY**

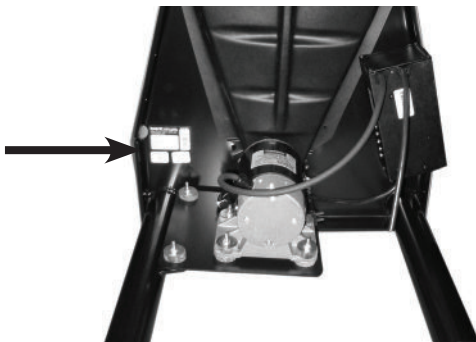
The brent® potter's wheels warranty is limited to defects in materials and workmanship during the manufacturing process for ten (10) years.

- 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 such as wheel heads and belts.
- Modifications to the unit in any manner.

EXCLUSIONS

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



Location of Serial Number on models B, C, CXC, 16.

If you have a problem with your brent® wheel within the warranty period, please do the following:

Call AMACO/brent technical support, 800-999-5456 or email technicalsupport@amaco.com. Please have the model and serial number ready when you call or include them in the email. The serial number, located on a sticker underneath the wheel, will help the technician know when your wheel was built to better assist you (see photos above).

You may be asked to send the defective equipment or part(s) in for inspection. The serial number of the wheel 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 are intermittent and may not show immediately.

If it is necessary to ship wheel 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.

REPAIR INSTRUCTIONS

Parts and labor will be covered for valid warranty claims.

ONLINE RESOURCES

Having trouble with your wheel? Visit us online by scanning the QR Codes or typing into your browser www.amaco.com/equipment_how_tos to access our videos on repairing, adjusting, or replacing parts on your Brent wheel.

NOISE DIAGNOSTICS

*Top FOUR reasons
for a noisy wheel.*



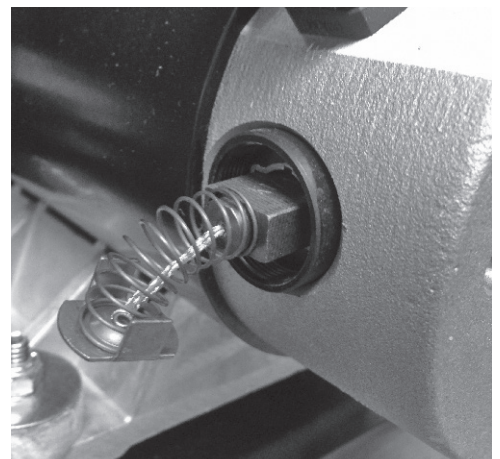
- 1. Belt Guard rubbing or rattling against the belt:** Remove the guard, run the wheel and listen again. Removing the belt guard may eliminate the sound. Reinstall the guard making sure all the bolts are tight.



- 2. Wheel Head Bearings:** Check for caked on clay on the underside of the wheel head. No clay but still noisy? The wheel head will need to be replaced.



- 3. Drive Belt needs to be replaced:** Remove the belt then listen to the motor, if the sound is gone, the belt needs replaced.



- 4. Motor Bearings and Brushes:** Unplug wheel and put wheel in neutral. Clean the brush then reinstall.

ONLINE RESOURCES

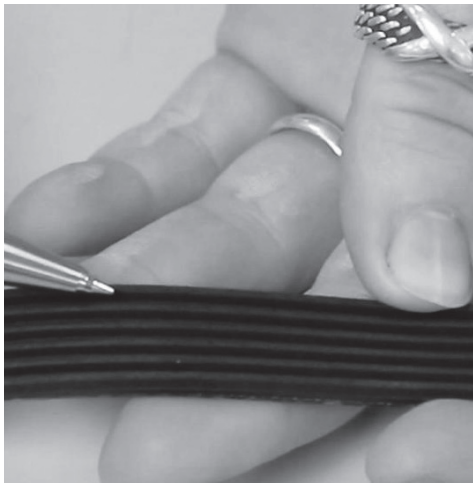
1. Remove belt guard, "walk" the belt off the large pulley, install new belt over small pulley first, then "roll" the belt onto the large pulley.



DRIVE BELT REPLACEMENT



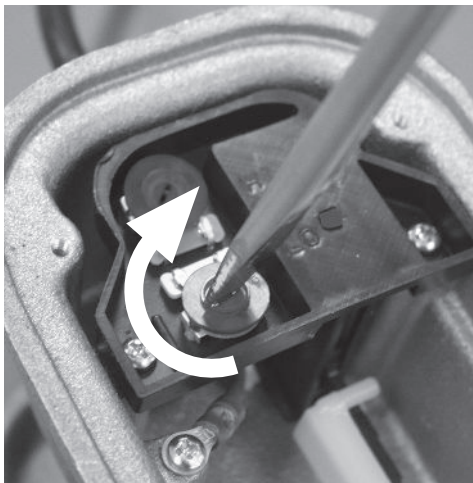
1. Remove your belt according to your wheel model's instructions. Watch the video to determine if you have a 4 or 6 groove, "Grooved Belt", one thick "Large V-Belt", or a set of two thin "Small V-Belts".



CHOOSING CORRECT BELT



1. Remove the cover, adjust the foot pedal arm, blue disk or red disk according to the Foot Pedal Speed Control Adjust video.



FOOT PEDAL SPEED CONTROL ADJUSTMENT



BRENT® WHEEL ACCESSORIES



BOOTIES

Set of three Leg risers to raise your wheel 2" or 4" (5.08 or 10.16cm). Product No. 22785E



BLACK SPLASH PAN

Same sturdy material and easy to clean as the original gold splash pan. Product No. 22930B



LEG EXTENSIONS

Legs adjust from 35¾" to 40¾" (90.805 to 103.505 cm) in 1" (2.54 cm) increments. Product No. 22927X



BATMOBILE

Stores up to 90 bats (14" or 35.56 cm diameter), easy to assemble, 4" (10.16 cm) locking rubber casters, welded joints for stability. Product No. 22066J



PLAST-I-BAT®

Easy to clean, waterproof, won't swell or shrink, made of thick, rigid plastic. 8 sizes; with bat pin holes.

Model: _____

Document Number: 08911E

Power Source: 220-240V 50 hz / 100-120V 60hz (Circle One)

Amps: _____

No. of Phases: Single phase

Year of Construction: _____



CE Approved

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