

brent[®]

Technical Instructions Manual



12" CK Pottery Wheel

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The Brent 12" Model CK is a professional-grade Pottery Wheel built to enhance your pottery projects. The full appliance features a 27" table with a 12" aluminum head controlled by a foot pedal. The purpose of these instructions is to guide you on how to safely operate your wheel, inform you on the different parts and available accessories, and provide troubleshooting solutions.

List of Parts

- 12" Wheel head
- Foot Pedal
- Splash Pan (front and back)
- Power cord with 3-pronged plug
- Power Switch with silicone cover
- Motor
- Silicon Belt

Figure 1

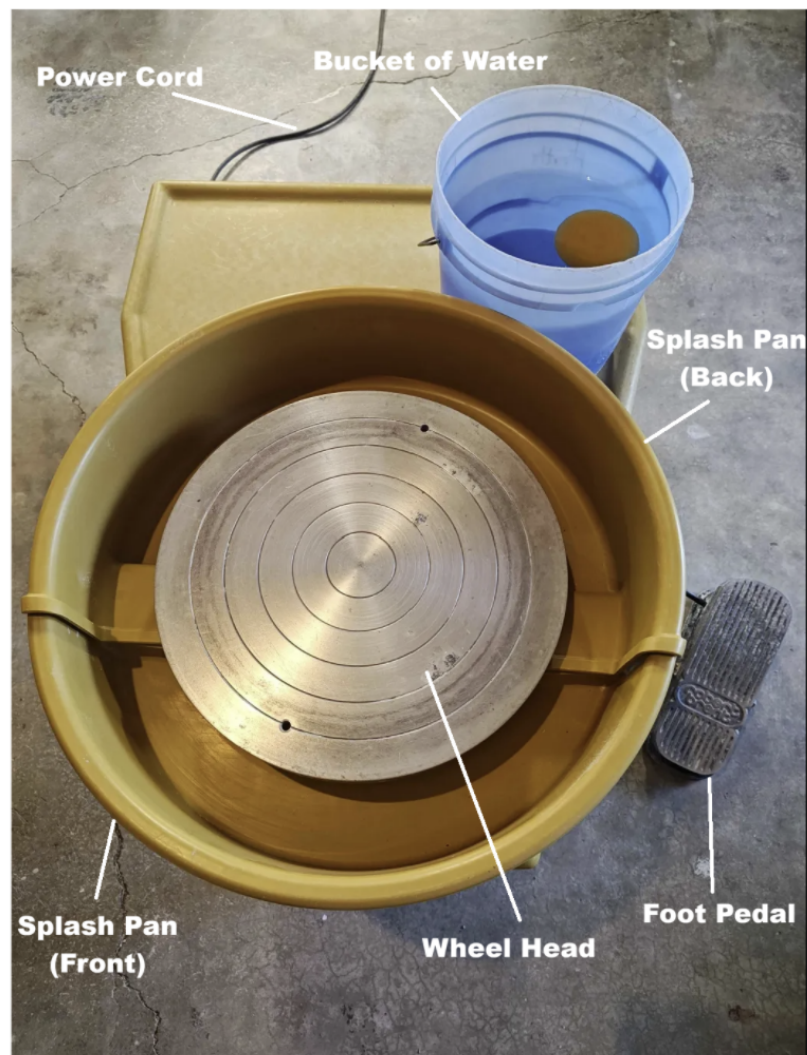


Figure 2

Additional Accessories/Tools

- 12" Bat
- $\frac{3}{8}$ " Pins
- Wing Nuts
- Bat Mate
- Bucket of Water
- Sponge
- Wire Tool
- Wooden Knife (Potter's Friend)
- Needle Tool
- Trimming Tools
- Rib
- Apron



Caution/Safety Information

- ⚠ Never immerse the machine in water.
- ⚠ Never use an extension cord to power the machine.
- ⚠ Always unplug the power plug when not in use or before cleaning.
- ⚠ Do not leave the wheel running unattended.
- ⚠ Ensure the wheel is on a flat, even surface away from other objects.
- ⚠ Never attempt to lift the wheel by yourself; always have two people lift it.
- ⚠ Keep long hair, jewelry, and loose clothing away from the moving wheel head to prevent injury or damage.
- ⚠ Always clean the wheelhead after every use.
- ⚠ For your safety, always plug this appliance into a properly grounded outlet.

Instructions

Setup

1. To attach the splash pan, start with the Back piece, sliding it under the wheel head so it sits between the tabletop and the metal flange below the wheel head, as seen in Figure 3.

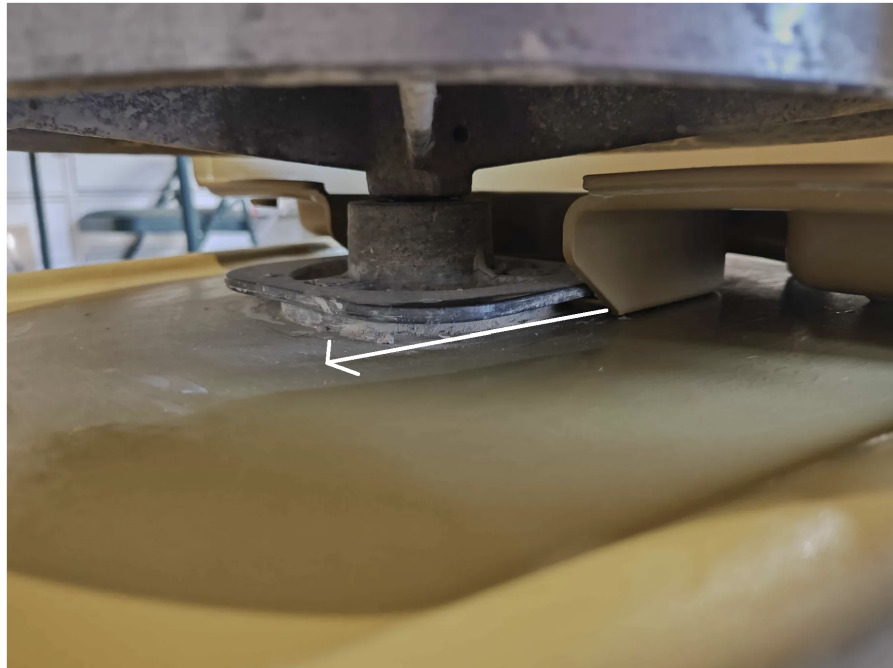


Figure 3

2. To attach the Front piece, push it in at an angle so the tabs fit into the large piece, as seen in Figure 4.



Figure 4

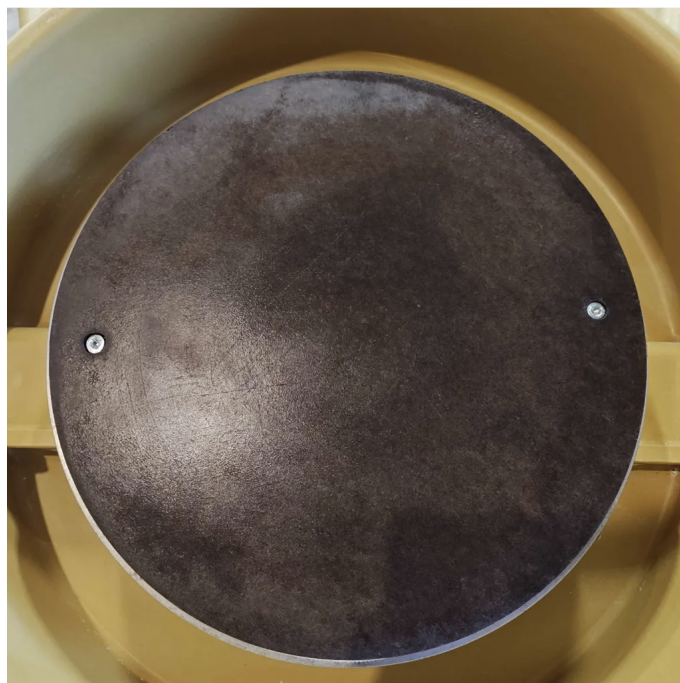
3. If using a bat, insert the pins and secure them to the wheel head with the wing nuts.
4. Soak and wring out the bat mate, laying it flat on the wheel head, as shown in Figure 5.

Figure 5



5. Thoroughly wet the bat on both sides, slide it onto the pins, and firmly press it onto the bat mate, as shown in Figure 6

Figure 6



Use

1. Insert the power plug into the 120V / 5A power socket, and turn on the silicon-covered leakage protection power switch.
2. Use the foot pedal to control speed; the working turntable will start to accelerate until it reaches working speed.

Cleaning

1. Use your wooden knife (potter's friend) on the slowly rotating wheel head to remove leftover clay from the wire.
2. Use a wet sponge on the slowly rotating head to wash the surface and sides.
3. Turn off and disconnect the power supply.
4. Remove the splash pan by pressing on the tabs of the smaller piece and pulling, then slide the larger piece backward and wash separately.
5. Wipe the tabletop surface clean with a wet sponge.
6. Mop the floor clean of any spilled water or clay.

Congratulations, you have now discovered the full potential of your new Brent Pottery Wheel! We hope you have found these instructions to be helpful for understanding and safely operating your new wheel.

Troubleshooting

1. Clay is not adhering to the wheel head.

Form clay into a ball or cone shape, keeping the bottom flat. If not using a bat, make sure both the clay and wheel head are dry before throwing clay onto the wheel head. Gently throw clay onto the wheel as close to the center as possible and firmly press the clay down on all sides. If using a bat, wet the bat thoroughly on both sides to let it soak up the water. Then remove as much water from the surface of the bat as possible before applying clay.

2. Bat sliding while in use.

Ensure both the bat mate and the bat have been soaked in water before installing on the wheel head. Firmly press the bat onto the bat mate. Confirm that the two wheel pins are securely screwed onto the head with the wing nuts so the bat does not have room to move around.

3. The wheel head is not spinning when powered.

Turn off and disconnect the power supply, tip the wheel on its side, remove the broken belt, and place a new belt in the grooves of the motor's belt drive. Start the belt on the right side of the large pulley, and slowly rotate the pulley counterclockwise until the belt securely fits as shown in Figure 7. Plug back in and turn on; test at low speeds to ensure the belt stays on the belt drive.



Figure 7

You are now ready and confident to use your new Brent 12" CK Pottery Wheel.