

# metos

## SHAKER HAMILTON BEACH

HMD200R/HMD400R



Installation and Operation Manual

# Mixer Safety

## Your safety and the safety of others is very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to hazards that can kill or hurt you and others.

All safety messages will be preceded by the safety alert symbol and the word "WARNING." This word means:



**You can be killed or seriously injured if you don't follow instructions.**

All safety messages will identify the hazard, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

## IMPORTANT SAFETY INSTRUCTIONS

**WARNING** – When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and/or injury to persons, including the following:

1. Read the operation manual before using appliance. Keep the manual in a location readily available to the user.
2. This appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they are closely supervised and instructed concerning use of the appliance by a person responsible for their safety.
3. This appliance shall not be used by children. Keep the appliance and its cord out of reach of children.
4. Close supervision is necessary when any appliance is used near children. Children should be supervised to ensure that they do not play with the appliance.
5. To protect against risk of electrical shock, do not put cord, plug, base, or motor in water or other liquid.
6. Plug into a grounded 3-prong electrical socket.
7. Do not remove ground prong.
8. Do not use an adapter.
9. Do not use an extension cord.
10. Turn the appliance off, then unplug from outlet when not in use, before putting on or taking off parts, and before cleaning. To unplug, grasp the plug and pull from the outlet. Never pull from the power cord.
11. Avoid contact with moving parts.
12. Keep hands, hair, clothing, jewelry and utensils away from spindle shaft and out of container during operation to prevent the possibility of severe injury to persons and/or damage to the appliance.
13. Always use metal container when mixing.
14. Do not operate any appliance with a damaged supply cord or plug, or after the appliance malfunctions or has been dropped or damaged in any manner. Supply cord replacement and repairs must be conducted by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard. Call the provided customer service number for information on examination, repair, or adjustment.
15. The use of attachments not recommended or sold by Hamilton Beach may cause fire, electric shock, or severe personal injury.
16. Never mix hot liquids.
17. Do not use outdoors.
18. Extreme attention and care must be taken to arrange the cord so that it does not contact hot surfaces including the stove, and it does not become an entanglement hazard or accidental tripping hazard.
19. Never add ingredients to the container while appliance is operating.
20. Disconnect power before cleaning or servicing, and before installing or removing agitator.
21. Do not allow agitator to hit container sides when mixing.
22. **WARNING!** Do not use worn, broken, cracked, or loose mixing agitator. Inspect daily before use. Replace agitator every 90 days.
23. Do not use appliance for other than intended purpose.
24. Do not spray the base with a high-pressure spray gun.
25. **CAUTION!** In order to avoid a hazard due to inadvertent resetting of the thermal cutout, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.
26. Unplug the appliance and inspect the power cord insulation for cracks on a weekly basis. Refer to "Technical Services" for repair or replacement.
27. This product is only intended for the preparation, and serving of foods. This product is not intended for use with any nonfood materials or products. Do not use in an explosive atmosphere.
28. To avoid an electrical circuit overload, do not use another high-wattage appliance on the same circuit with this appliance.
29. **ONLY** switch on the appliance when the agitator is immersed.
30. Do not leave appliance unattended when agitator is spinning.

## SAVE THESE INSTRUCTIONS

### **WARNING**

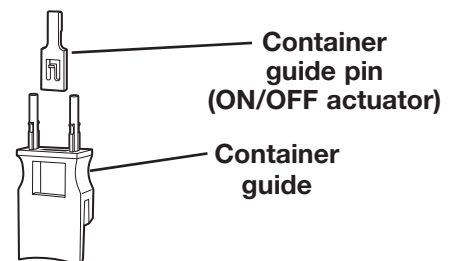
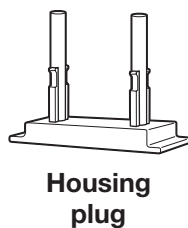
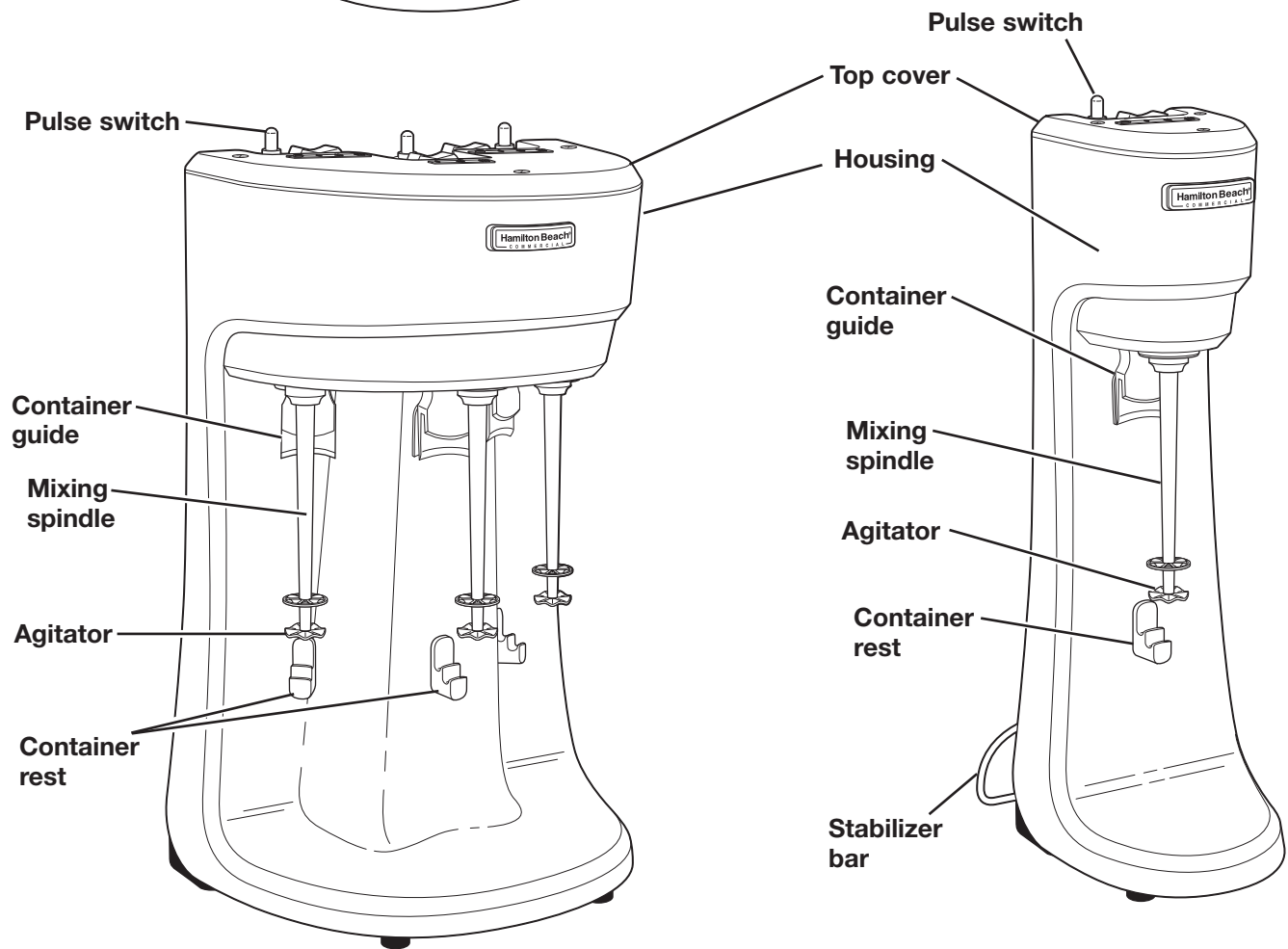
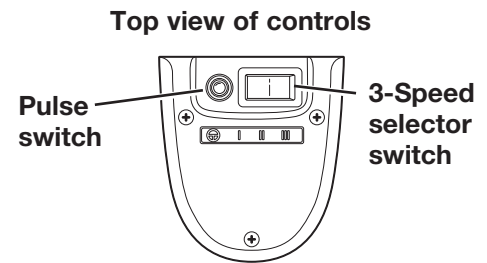
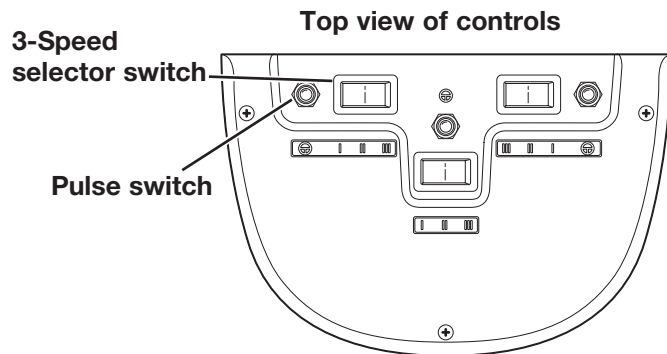


#### Cut and Choking Hazards

Do not use the Butterfly Agitator, part number 913595000, with this model. The agitator may unexpectedly break during use. Using this part with this product voids any warranty.

# Parts and Features

The parts and features of your mixer are shown on this page. Become familiar with all parts and features before using the mixer.



# Operating the Mixer

## Mixing a Drink

### **WARNING**



#### **Cut Hazard**

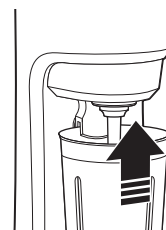
**Always use metal container when mixing.**  
**Do not put spoon or other utensils in metal container when mixing.**  
**Failure to follow these instructions can result in cuts.**

### **Mixing a Drink**

You must read the “Mixer Safety” section before using the mixer.

For best mixing results, use the Hamilton Beach Universal Container (#110E). Do not use a paper cup. The container fits the container guide which starts the motor.

1. Plug mixer into a grounded outlet.
2. Place the ingredients into the container. The basic milkshake recipe is:
  - 3 No. 24 scoops of ice cream
  - 4 ounces of very cold milk
  - 1½ ounces of syrup
3. Select the desired speed using the 3-speed selector switch.
4. Position the container into the container guide and move the cup upward to **automatically** turn the motor on. Set the container down onto the cup rest.  
**NOTE:** You may also turn the motor ON and OFF using the pulse switch.
5. When the drink is completely mixed, lift the container up off the cup rest and pull down from the container guide. The motor will turn off.  
**NOTE:** Inspect agitator(s) daily. Replace agitator(s) every 90 days.



## Using the Container Rest

### **Two-Position Container Rest**

The top container rest position is used when mixing with a standard container. In the top position, a standard container will fit into the container guide to lift the container guide pin against the actuator switch, allowing the motor to run. To turn off the motor, rest a standard container on the lower, or standby, container rest position.

The lower container rest position may also be used when mixing with larger containers, or for storing standard containers when the mixer is not in use.

**NOTE:** When container is not positioned as described above, you may also turn the motor on using the pulse switch.

## Replacing the Agitator

Your mixer was shipped with a solid agitator installed on each spindle.

**NOTE: Agitators wear with use. Inspect agitators daily and replace every 90 days.**

### ⚠ WARNING



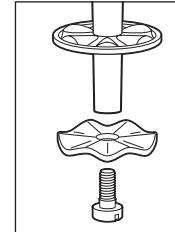
#### Cut Hazard

Disconnect power before installing or removing agitator.

Failure to do so can result in serious injury or cuts.

To replace the Agitator:

1. Unplug Mixer.
2. To remove the agitator, loosen the screw by turning it counterclockwise with a straight blade screwdriver.
3. To install the new agitator, turn the screw portion of the agitator clockwise into the spindle and hand tighten. **To prevent damage to the agitator, do not use pliers to grip agitator blades while tightening or loosening.**
4. Plug Mixer into a grounded outlet.



## Removing/Installing the Container Guide, Container Guide Pin, & Housing Plug

The container guide and container guide pin are removable for easy cleaning.

### ⚠ WARNING



#### Cut Hazard

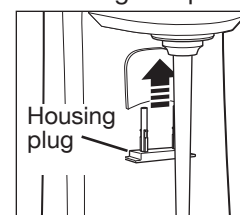
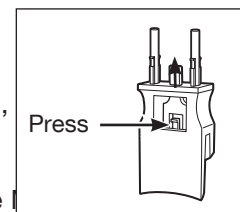
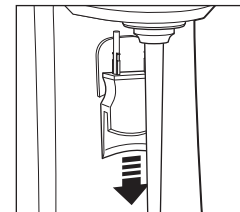
Disconnect power before installing or removing any parts.

Failure to do so can result in serious injury or cuts.

To remove the container guide & container guide pin:

1. Unplug mixer.
2. Hold the container guide by the indents on each side and pull it straight down.
3. To remove the plastic container guide pin, press the retainer clip and slide it out of the container guide.
4. Reverse steps 1-3 reinstall the container guide and container guide pin, sure to note the proper orientation.

**NOTE:** You may also operate the mixer without the container guide and container guide pin. Snap the included housing plug into the container guide holes after removing the container guide. Use the toggle switch to operate the mixer when using the mixer without the container guide/container guide pin.



# Care and Cleaning of the Mixer

## Cleaning and Sanitizing the Container, Spindle, and Agitator

### Cleaning

1. Place a drop of detergent and 1 cup of water into the mixing container.
2. Position the container into the container guide and mix on low speed (I) for 5 seconds. Empty the container.
3. Place 1 cup of clean water into the container and repeat mix for 5 seconds to rinse.

**NOTE:** Inspect agitators daily. Replace agitators every 90 days.

### Sanitizing

For best results, use the Hamilton Beach Universal Container (#110E).

1. Fill the container with sanitizing solution (1 tablespoon of household bleach per 1 gallon of water at 50-70°F) to 3/4 full. Position the container properly on Mixer and run on low speed (I) for 1 minute.
2. Remove container. Empty sanitizing solution and rinse container.
3. To dry, run the mixer on low speed (I) for 30 seconds with empty container in place. **DO NOT RINSE** after sanitizing is completed.

**NOTE:** If preferred, the container guide, container, and agitator may be cleaned in a dishwasher.

## Cleaning the Container Guide, Container Rest, and Housing

### ⚠ WARNING



**Electrical Shock Hazard**  
**Disconnect power before cleaning.**  
**Failure to do so can result in death or electrical shock.**

### Cleaning the Container Guide, Container Rest, and Housing

1. Unplug mixer.
2. Remove the container guide (see page 5).
3. Wash the container guide with hot, soapy water; then rinse.
4. Clean the housing, front panel, and container rest with a damp, soapy cloth.
5. Wipe dry with a clean, soft cloth.
6. Reinstall the container guide.

**NOTE:** Do not spray or submerge the mixer. Any resulting water damage will not be covered by the warranty.

7. Plug mixer into a grounded outlet.

## Motor Replacement

Single Spindle Drink Mixer shown for illustration purposes.  
Please follow the same procedure for Triple Spindle Drink Mixer.

### ⚠ WARNING



**Electrical Shock Hazard**  
Disconnect power before servicing.  
Replace all parts before operating.  
Failure to do so can result in death  
or electrical shock.

### Technical Services

For assistance or replacement parts, call or  
email Technical Services:

USA, Canada: 866-285-1087 or + 1-910-693-4277  
commercial.support@hamiltonbeach.com

Mexico: 800 71 16 100,  
mexico.service@hamiltonbeach.com

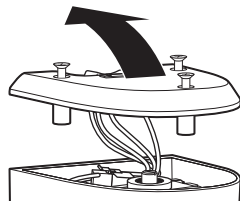
APAC Region: +86-400-930-2722,  
hbcapac.support@hamiltonbeach.com

hamiltonbeachcommercial.com

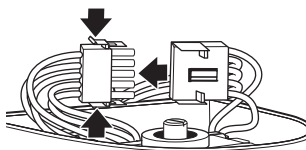
To replace the motor, follow the steps below, or call an authorized service center.

1. Unplug mixer.

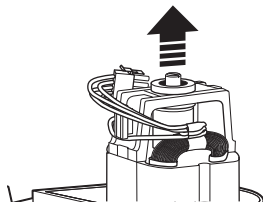
2. Loosen the three screws in the top cover (the screws will remain in the cover). Lift off the top cover and rest against the rear panel of the mixer.



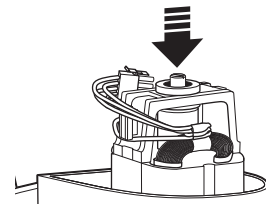
3. Squeeze the tabs on the sides of the connector plug and pull the two plug halves apart.



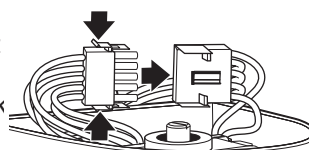
4. Lift the motor/agitator assembly straight up and out of the housing. Discard the motor assembly in an environmentally acceptable manner that complies with Federal, State and local waste management regulations.



5. Carefully lower the new motor/agitator assembly into the housing, guiding the spindle through the hole in the housing. Align the rounded indent on the front of the rubber support with the front screw boss in the housing.



6. Plug the two halves of the plug connector together, ensuring that all lead wire colors match, and tuck the connector into the back of the housing.



Make sure that the side clips on the plug halves engage.

**NOTE:** The plug will only connect together in one way.

7. Make sure that all wires are out of the way and that they cannot come in contact with the motor. Then lower the cover into place, making sure that the upper tab and seal of the back panel are in place below the lip of the cover. Secure the cover with the screws.

8. Plug mixer into a grounded outlet.

# Troubleshooting Guide

PROBLEM	SOLUTION
Ingredients are not being mixed properly	<ul style="list-style-type: none"><li>• Try selecting a different speed.</li><li>• Agitator is bent or worn (This can be prevented by not holding container in your hand or allowing agitator to hit sides of container). Replace agitators every 90 days. To order replacement agitators, call our Technical Services Department at 1-866-285-1087 or 910-693-4277.</li></ul>
Motor does not turn on when container is set on container rest	<ul style="list-style-type: none"><li>• Container is not tall enough to activate motor switch. We recommend the Hamilton Beach Universal Container (#110E).</li><li>• The unit features a thermal overload protection circuit. Turn unit OFF. Wait 30 minutes. Follow instructions in the section "Mixing a Drink". If the unit does not turn on, call Technical Service.</li></ul>
Excessive product splash-out (some splash-out is common)	<ul style="list-style-type: none"><li>• Is container too full?</li><li>• Is speed setting too high for ingredients?</li><li>• Is agitator fastened tightly to the spindle?</li><li>• Is agitator bent or worn? Replace agitators every 90 days.</li></ul>

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