



FOODSERVICE

Owner's Manual

Read And Save These Instructions



Bar Boss™, Drink Machine Vita-Prep® & Vita-Pro®

High-Performance Commercial Blenders

Includes: Bar Boss • Two-Step Timer • Two-Speed
Variable Speed • Single-Step Timer • Vita-Prep • Vita-Pro

All Models

Important Safeguards

1. Read all instructions.
2. To protect against risk of electrical shock, do not put motor base in water or other liquid.
3. Close adult supervision is necessary when appliance is used by or near children.
4. Unplug the power cord from the wall outlet when the Vita-Mix® blender is not in use, before disassembling, putting on or taking off parts, and before cleaning other than washing the container.
5. Never contact moving parts, especially the blades.
6. Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions or is dropped or damaged in any manner. Call Vita-Mix Service, (800) 4DRINK4, (800-437-4654) or (440) 235-0214 at once for possible replacement, examination, repair, electrical or mechanical adjustment. If you live outside the USA, contact your Vita-Mix Distributor.
7. The use of attachments not recommended or sold by Vita-Mix Corporation may cause fire, shock, or injury.
8. **Do not use outdoors.**
9. Do not let the power cord hang over edge of table or counter, or touch hot surfaces.
10. Keep hands and utensils out of container while motor is running to prevent the possibility of severe personal injury and/or damage to the Vita-Mix blender. A rubber scraper may be used, but only when the Vita-Mix Drink blender is not running. The tamper may be used while motor is running with the main part of the lid in place.
11. **WARNING: Blade is sharp. Handle carefully.**
 - Never try to remove blade while container is sitting on the motor base.
 - Do not operate with loose, nicked or damaged blade - replace immediately.
 - To reduce the risk of personal injury, never place blade assembly on motor base without blender container properly attached.
12. The maximum capacity is equivalent to the ounces listed on the container, i.e. 64 oz. (2 liter), 48 oz. (1.4 liter) and substantially less with thick mixtures.
13. Container should not be more than 2/3 full when the tamper is left in place while blending. Do not exceed 30 seconds of continuous blending with tamper in place.
14. When making peanut butter (or other nut butters, or oil based foods) do not process for more than one minute after mixture starts circulating. Over-processing will cause the mixture in the container to overheat.
15. **CAUTION:** Cooling problems resulting in thermal shut-off and eventual motor damage may result if machine is operated in sound chambers other than those approved by Vita-Mix.
16. Always operate the Vita-Mix blender with a lid in place.
17. The maximum capacity is equivalent to the ounces (liters) listed on the container, i.e. 64 oz. (2 liter), 48 oz. (1.4 liter), and substantially less with thick mixtures.

Important Safeguards

18. **CAUTION:** On all units with timers the light in the front panel START/STOP switch, when lit, indicates the power to blender is ON and blender could start. Turn power off before touching movable parts.
19. **WARNING:** When processing hot liquids:
 - The 2-part latching lid must be securely in place. This allows steam to escape naturally, and will prevent the lid from coming off when the machine is turned on.
 - Do not start on HIGH speed. Always start hot liquids on LOW speed then switch to HIGH speed while the machine is running.
 - Use caution with hot liquids. Spraying from under the lid plug can occur, or escaping steam may cause scalding.
 - Do not process hot liquids with the Vita-Mix non-latching lid.

Save These Safety Instructions

Enjoy the safety of this grounded appliance. The Vita-Mix blender's U.S. power cord comes equipped with a three-prong (grounding) plug which mates with a standard three-prong wall outlet (Figure A).

Adapters (Figure B) are available for two-prong outlets. Do not cut or remove the third (ground) prong from the plug or power cord.

Consult your electrician if you are not sure if the wall outlet is grounded through the building wiring. With a properly grounded two prong wall outlet, ground the machine by attaching the tab on the adapter to the wall outlet cover by means of the screw in the center of the cover (Figure B).



**THREE PRONG
ADAPTERS
ARE NOT TO
BE USED IN
CANADA.**

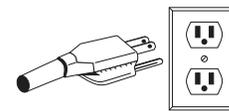


Figure A

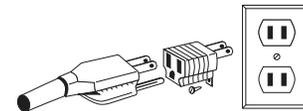
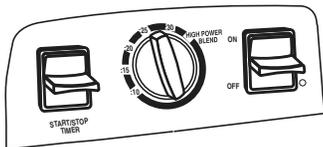


Figure B

Control Panels

NOTE: Blenders come with several different control options. Please be sure you are following the instructions for your blender model.

Two-Step Timer Model

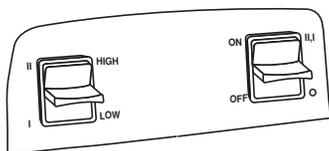


Note on Two-Step Timers: Stop mid cycle with START/STOP switch, not the power switch. If the power switch was used, wait 30 seconds for power to recycle and the timer to reset before resuming operation.

ON/OFF switch. Up for ON. Down for OFF. All times are total times. During operation, you may interrupt timer by pressing START/STOP switch.

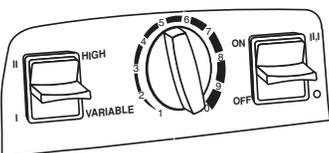
TIMER DIAL. Allows user to select a number of timed settings. Increments on timer are approximate seconds. Timer is activated *only* when the power switch is ON. Blender will shut off automatically at the end of the pre-set time.

START TIMER switch. This is a lighted switch. When light is lit power is on. Depress START TIMER switch to activate timer setting and again to stop midcycle.



Two-Speed Model

ON/OFF switch. Up for ON. Down for OFF.
HIGH/LOW switch. Up for HIGH. Down for LOW.



Variable Speed Model

ON/OFF switch. Up for ON; down for OFF.
HIGH/VARIABLE switch. HIGH overrides the VARIABLE SPEED dial and is the fastest speed available. VARIABLE speed is required to use the VARIABLE SPEED dial.
VARIABLE SPEED dial. Allows user to select continuously variable motor speeds ranging from 1,000 rpm to 24,000 rpm. Active only when HIGH/VARIABLE switch is set on VARIABLE position.

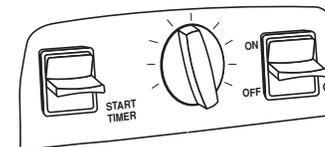
NOTE: Switches will become sticky from use. Use a wet cloth or sponge to flush and clean in the groove around the water-shielded switches. You may also lightly spray the surface around the switches with an all purpose cleaner such as Cinch® or 409® and work the switches back and forth a few times to loosen any dried residue under switch. Leaving switches sticky will damage or burn out the switches.

20 or 45 Second Timer Model

ON/OFF switch. Up for ON. Down for OFF. All times are at HIGH speed. During operation, you may interrupt timer by turning power switch OFF.

TIMER dial. Allows user to select a number of timed settings. Increments on timer are approximate seconds. Timer is activated only when the power switch is ON. Blender will shut off automatically at the end of the pre-set time.

START TIMER switch. This is a lighted switch. When light is lit power is on. Depress START TIMER switch to activate timer setting.



Bar Boss Timer Model

ON/OFF switch. Located on the front of the machine below the switch panel, controls the power to the machine. With the machine plugged in, switch the machine to ON to ready the machine for blending. Shut OFF power switch at night or whenever the machine will be left unattended.

START TIMER switch. This is a lighted switch. When light is lit power is on. Depress START TIMER switch to activate timer setting and again to stop midcycle.

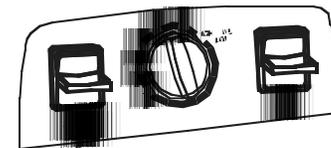
During operation, you may interrupt timer by pressing START/STOP switch.

TIMER DIAL. Allows user to select a number of timed settings. Increments on timer are approximate seconds. Timer is activated *only* when the power switch is ON. Blender will shut off automatically at the end of the pre-set time.

PULSE switch. Pulse button can only be used when the power switch is ON. The PULSE switch can be used to quickly refresh product in the container by depressing the switch and holding down as long as needed.



Note on Bar Boss Timers: Stop mid cycle with START/STOP switch, not the ON/OFF switch. If the ON/OFF switch was used, wait 30 seconds for power to recycle and the timer to reset before resuming operation.



Lid Assembly

NOTE: Lids come in several different styles. Please be sure you are following the instructions for your style of lid.

Two-Part Lid

64 oz. (2 liter) Polycarbonate container

The two part lid is easy to clean and easy to put on and take off. (Note: Brand new lids are a little stiff. This is temporary.)

- The lid has a continuous rim which latches inside the container tabs. Push one side of the rim under one tab, and with the heel of your hands push down, over the opposite tab, to snap lid into position.
- To remove lid, place hands around the lid, pressing thumbs above one of the container tabs. Push in and lift off.
- The center lid plug can be removed when using the tamper. Twist plug to fasten or remove.

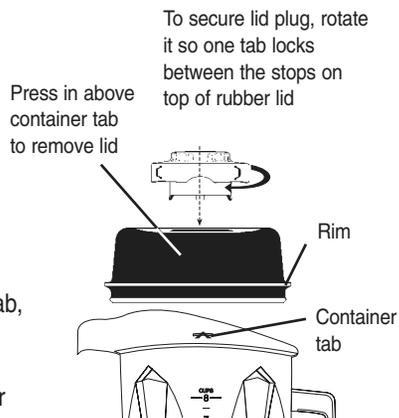


Figure A

Always latch lid when processing hot liquids. See warning on page 3.

1 Piece Lid

64 oz. (2 liter) Polycarbonate container

The one piece lid is easy to put on or take off, and to clean, for quick operation. (Note: Brand new lids are a little stiff. This is temporary.)

- There is no latch on this lid. Simply hold the lid on when starting.
- Add ingredients through port in top.

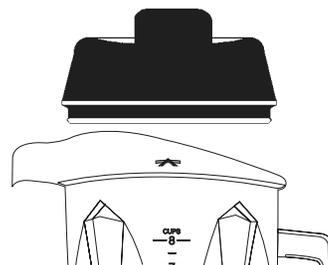


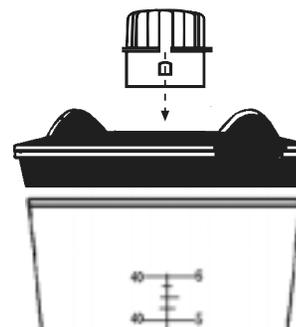
Figure C

Caution: Do not use non-latching lid when processing hot ingredients. Not for use with a tamper.

NOTE: To make new lids easier to insert and remove, rub a light coating of cooking oil around bottom where it seals. Place it in container for several minutes, remove and lightly wipe oil off lid.

NOTE: Lids come in several different styles. Please be sure you are following the instructions for your style of lid.

Figure D



Two-Part Lid

48 oz. (1.4 liter) Polycarbonate stackable container

The two part lid is easy to clean and easy to put on, take off and seal.

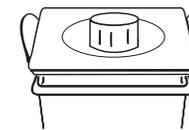
- To remove fully latched lid, squeeze tabs together on both sides of the container, pull upward and off.
- The center lid plug can be removed when using the tamper. Twist plug to fasten or remove.

B(1) Unsealed/unlatched



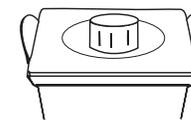
(Lid resting on container using hand to stabilize.)

B(2) Sealed



(Lid pushed into container. Side latches are not under container lip.)

B(3) Fully Latched



(Side latches are snapped under container lip.)

NOTE: To make new lids easier to insert and remove, rub a light coating of cooking oil around bottom where it seals. Place it in container for several minutes, remove and lightly wipe oil off lid.

General Instructions

How to operate your Two-Speed or Variable Speed Drink Machines, Vita-Pro® and Vita-Prep®

1. Set the container on the motor base by aligning it over the centering pad anchored to the base. (Motor must be completely stopped before positioning container.) Containers are not to be used for hard, dry materials. Avoid running the blender with the container empty.
2. Place liquids and soft foods in container first, solid items and ice last. Prepare food by cutting or breaking into 1-3 inch (3-8 cm) pieces. Frozen fruit, should be as small as practical. Thawed or partially thawed fruit is recommended. High-speed is recommended for heavy-duty blending.
3. Always use a lid when blending. If blending hot ingredients, the lid must be securely in place. **When processing hot liquids, DO NOT use the non-latching lid.**
4. Select desired speed setting. Most foods are blended on HIGH speed. Start heavy or thick foods on the recommended speed then switch to HIGH once the mixture begins processing. If mixture stops circulating insert the tamper through the lid while blending (see page 11), or stop the motor, remove container and stir or scrape the mixture from the sides of container into the center using a rubber spatula. Replace the lid and continue blending.

-  **Warning: If you detect a change in the sound of the machine or if a hard or foreign object comes into contact with the blades, do not serve the drink/food. Inspect your blade assembly for loose, nicked or missing parts. If parts are loose, missing or nicked replace with new blade assembly. (See page 10).**
5. To prevent possible splashing, lightly rest your hand on the lid while turning the machine on (except when processing hot liquids).
 6. Due to the speed of the machine, processing times are greatly reduced over standard machines. Until you become accustomed to the speed, count your time carefully by watching the second hand of a clock, or count slowly to avoid over blending.
 7. After blender has been turned off, wait until the blade has come to a complete stop before removing the lid or container from the motor base. **Note:** The thermal protector shuts the motor off to protect it from overheating. To restart, wait for motor to cool down with the power off (up to 30 minutes). **Note:** Cooling may be quickened by placing the motor base in a refrigerator or a cool spot. (Unplug first.) To speed up the process try circulating the air with a vacuum or fan aimed at the bottom of the base. When this happens, review your processing techniques and your instructions. Your recipes may: 1) be too thick - add liquid; 2) be processed too long at too low a speed setting. Use HIGH speed whenever possible. If the motor seems to be overheating (and the thermal overload protector has not turned the machine off), remove the container from the base. Set the dial on LOW (#10). Turn the machine ON and let the machine run for one minute.
 8. Up to 6 feet (1.8 meters) of power cord is available for use and is secured by plastic cord retainer clips underneath the motor base. Do not let the power cord hang over edge of counter or touch hot surfaces.

Bar Boss™ and Timer Blender Instructions

1. Set the container on the motor base by aligning it over the centering pad anchored to the base. (Motor must be completely stopped before positioning container). Containers are not to be used for hard, dry materials. Avoid running your Bar Boss/Timer Blender with the container empty.
2. Place liquids and soft foods in the container first, solid items and ice last. Prepare food by cutting or breaking into 1-3 inch (3-8 cm) pieces. Frozen fruit should be as small as practical.
3. Position lid on the container. If blending hot ingredients, the lid must be securely in place. When processing hot liquids, DO NOT use the non-latching lid.
4. Press ON/OFF switch to ON. Activate the timer by selecting the desired timer setting on the dial and then depressing the START/STOP TIMER switch on the left.
 - 4a. If mixture stops circulating, you have likely trapped an air bubble. Either insert the tamper through the lid while blending, or stop the motor remove the container from the base and stir or scrape the mixture from the sides of container into the center using a rubber spatula to press any air bubbles away from the blades. Replace the lid and continue blending.

Note: START/STOP TIMER switch on your machine is lit when power is on. Avoid moveable parts. The timer stops working if machine is overloaded on low speed. Reset by turning power off for 15 seconds.
 -  **Warning: If you detect a change in the sound of the machine or if a hard or foreign object comes into contact with the blades, do not serve the drink. Inspect your blade assembly for loose, nicked or missing parts. If parts are loose, missing, or nicked replace with new blade assembly. (See page 10.)**
 - 4b. To prevent possible splashing, lightly rest your hand on the lid while turning the machine on (except when processing hot liquids).
 - 4c. Due to the blending speed of the machine, processing times are greatly reduced over standard machines. Until you become accustomed to the speed, watch your mixture carefully to avoid over-blending.
 - 4d. If stopping the machine mid cycle, use the START/STOP switch, not the POWER switch. If the POWER switch was used, wait 30 seconds for power to recycle and the timer to reset before resuming operation.
5. After blender has been turned off, wait until blade comes to a complete stop before removing the lid or container from the motor base.

Note: The thermal protector shuts the motor off to protect it from overheating. To restart, wait for motor to cool down with the power off (up to 30 minutes). When this happens, review your processing techniques and your instructions. Your recipes may be too thick or have too much material in them.

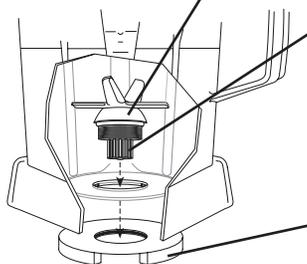
Cooling may be quickened by placing the motor base in a refrigerator or a cool spot. Unplug first. To speed up the process try circulating the air with a vacuum or fan aimed at the bottom of the base. If the motor seems to be over heating (and the thermal overload protector has not turned the machine off), remove the container from the base. Set the timer for 20 seconds. Turn the machine ON and let the machine run for 20 seconds. Repeat this step 3 times for a total of 1 minute.
6. **To use the pulse switch on the Bar Boss blender:** Press ON/OFF switch to ON. With the container on the motor base depress the pulse switch. Release the switch to turn off the motor.

Blade Agitator Assembly

Blade Agitator Assembly. Use caution when handling the blade; it is sharp. When inserting the blade assembly through the container bottom, align the flat sides. Gravity holds it in place while the retainer nut is tightened. Do not attempt to disassemble this part.

Drive Spline. Mates with drive socket on the motor base to turn the blade. Note: Removing and replacing your container while the coupling is still rotating will strip the drive spline “teeth”. (This part is NOT removable.)

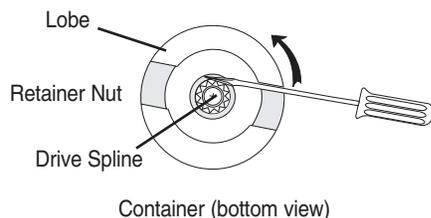
Retainer Nut. Must be snug. Order the available retainer nut wrench for best results. (Refer to the diagram below to remove or replace.)



Never use a blade assembly with loose, damaged or nicked components.

Retainer Nut Removal

- The retainer nut is easily removed using a standard 6” (15 cm) screwdriver. Turn container upside down and insert screwdriver shaft between the lobe and drive spline. Push the screwdriver handle counterclockwise to loosen nut. Once loosened, remove by hand.
- To replace, position retainer nut on top of blade assembly and hand tighten. Then, using the screwdriver, tighten clockwise until it stops. If it is not tight enough, you will notice increased container noise.



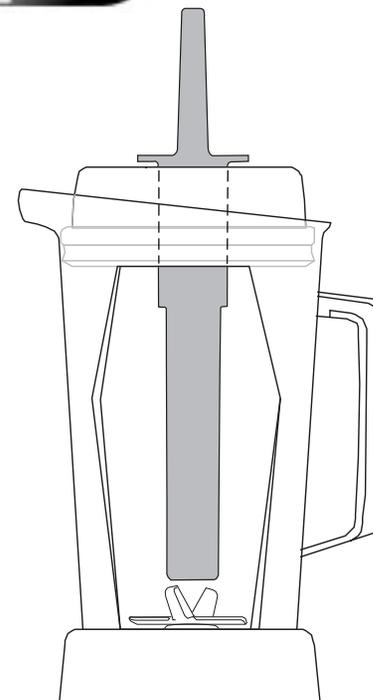
Available: For best results we recommend using a Retainer Nut Wrench in place of screwdriver. To order ask for Item #1222.

Tamper

The tamper prevents an air bubble from forming while blending. It is used when making frozen ice creams, pureeing fruits and vegetables, making peanut butter (or whenever your mixture requires it). It also permits you to push ingredients down around the blades while the Vita-Mix blender is running.

Tamper use:

- Use only with the lid in place and the center lid plug removed.
- The splash disc prevents the tamper from hitting the blades when inserted through the lid.
- Container should not be more than 2/3 full when the tamper is left in place while blending.
- To avoid overheating, do not exceed 30 seconds of continuous blending with tamper in place.
- If thick mixtures stop circulating, you have likely trapped an air bubble. Insert tamper through the lid and stir to release it.
- Holding the tamper at an angle near the side and pushing towards the center will be more effective when creating a thicker, smoother drink.



***NOTE:** Tampers have a small step on them. The step prevents contact of the tamper with the blades in the 48 oz. (1.4 liter) polycarbonate containers. Tampers cannot be used with one piece non-latching lid.

Warning

When processing hot liquids always:

- Use caution; escaping steam or splatters may scald.
- Completely latch the lid; this will prevent expansion from blowing it off when the machine is turned on.
- Start on LOW speed then switch to HIGH speed. Never start on HIGH speed with hot ingredients.
- Do not process hot ingredients with the non-latching lid.

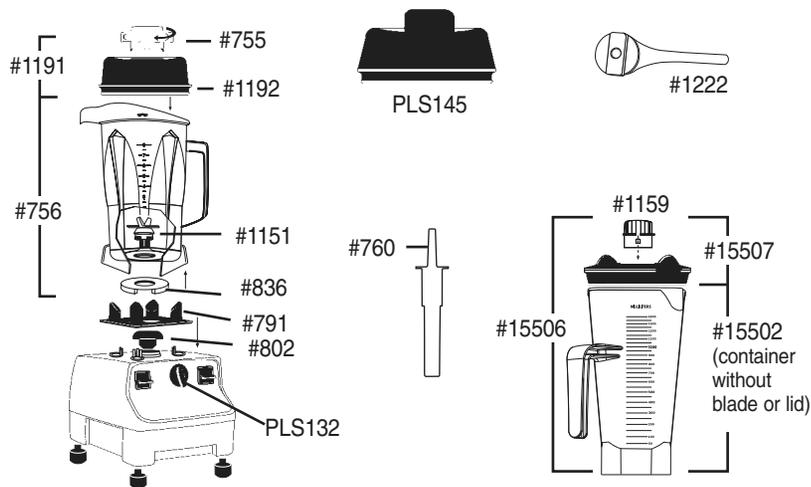
Parts List

Bar Boss™ Drink Machine

NOTE: Blenders come in several similar styles. Please be sure you are following the parts list for your blender model.

Item #	Part
#755	Polycarbonate lid plug - 64 oz. (2 liter)
#756	Polycarbonate container, ice blade assembly & lid - 64 oz. (2 liter)
#760	Tamper
#791	Sound-reducing centering pad
PLS132	Variable speed control knob / timer control knob
#802	Drive socket
XDM034	Owner's Manual
#836	Heavy-duty retainer nut
#1151	Agitator assembly (ice blades)
#1191	Lid assembly for polycarbonate container- 64 oz. (2 liter)
#1192	Lid only (no plug) for polycarbonate container - 64 oz. (2 liter)
#1222	Retainer nut wrench
#1159	48 oz. (1.4 liter) polycarbonate stackable container lid plug
PLS145	1-piece thermoplastic rubber lid for 64 oz. (2 liter) container
#15506	48 oz. (1.4 liter) polycarbonate stackable container, ice blade & lid assembly
#15502	48 oz. (1.4 liter) polycarbonate stackable container only
#15507	2-piece thermoplastic rubber lid for 48 oz. (1.4 liter) stackable container

***Notice:** Other than the drive socket, blade assembly and retainer nut, this unit is not user serviceable.

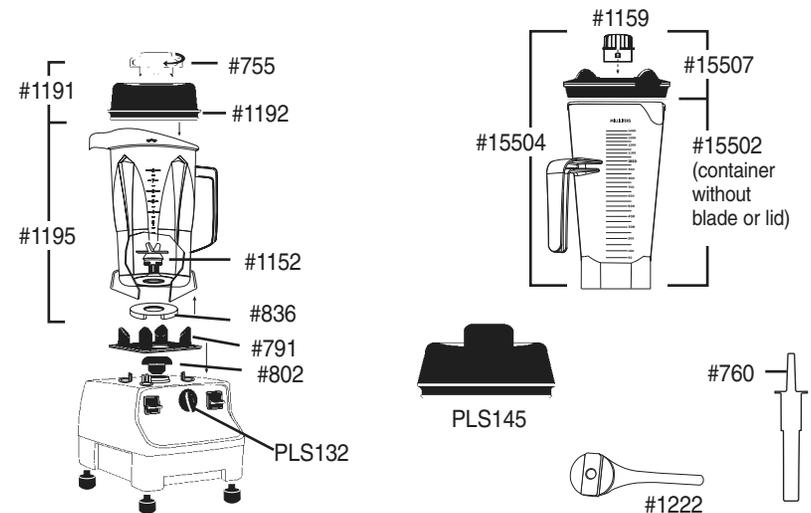


Vita-Pro® and Vita-Prep®

NOTE: Blenders come in several similar styles. Please be sure you are following the parts list for your blender model.

Item #	Part
#755	Polycarbonate lid plug - 64 oz. (2 liter)
#1195	Polycarbonate container, wet blade assembly & lid - 64 oz. (2 liter)
#760	Tamper
#791	Sound-reducing centering pad
PLS132	Variable speed control knob / timer control knob
#802	Drive socket
XDM034	Owner's Manual
#836	Heavy-duty retainer nut
#1152	Agitator assembly (wet blades)
#1159	48 oz. (1.4 liter) polycarbonate stackable container lid plug
#1191	Lid assembly for polycarbonate container - 64 oz. (2 liter)
#1192	Lid only (no plug) for polycarbonate container - 64 oz. (2 liter)
#1222	Retainer nut wrench
PLS145	1-piece thermoplastic rubber lid for 64 oz. (2 liter) container
#15504	48 oz. (1.4 liter) polycarbonate stackable container, wet blade & lid assembly
#15502	48 oz. (1.4 liter) polycarbonate stackable container only
#15507	2-piece thermoplastic rubber lid for 48 oz. (1.4 liter) stackable container

***Notice:** Other than the drive socket, blade assembly, and retainer nut, this unit is not user serviceable.



Caring For Your Machine

Care Note

To ensure that you get the longest possible life from your Vita-Mix product, we recommend the following products, when used as directed by the supplier:

Cleaning Product	Supplier
Solid Supra, Solid Power,.....	Ecolab, Inc. , St. Paul, MN (800) 352-5326 www.ecolab.com
Guardian Acclaim, Solid Guardian Plus, Solid Super Impact, Solid Insure Diverpak.....	Diversey , Livonia, MI (800) 521-8140
Eclipse H2, Liqui-Safe L7 Acclean	Klenzade Products Division of Ecolab St. Paul, MN (612) 293-2165
Poly-Brite	Wesmar Company, Inc. Seattle, WA (206)783-5344 www.wesmar.com
Glow MB-1.....	Anderson Chemical Co. Litchfield, MN (800) 366-2477 www.andersonchemical.com
Lustre NC-25 Lustre Plus	
PSRA 41-D, PSRA 41-E	
Liqui-Ware 1, Liqui-Ware MC D-Flex, Sur-Met	
Rinse Aids	Supplier
Solid Rinse Dry Solid Brilliance Jet Dry, Rinse Dry	Ecolab, Inc., St. Paul, MN (800) 352-8140 www.ecolab.com
Destainer	Supplier
NuWare	Diversey, Livonia, MI (800) 521-8140

NOTE: Switches will become sticky from use. Use a wet cloth or sponge to flush and clean in the groove around the water-shielded switches. You may also lightly spray the surface around the switches with an all-purpose cleaner such as Cinch® or 409® and work the switches back and forth a few times to loosen any dried residue under switch. Dirty switches may burn out.

ADDITIONAL NOTE: Do not let mixtures, liquids and food products dry within the container. Rinse throughout use. Drying may lock around the blade and weaken/tear the bearings seal when restarted. Do not place containers in the freezer. Extremely low temperature combined with hot ingredients and/or the immediate rapid action of the blade may crack the container. Due to the nature of polycarbonates, microwaving and automatic dishwashing are not recommended. Follow the cleaning instructions on page 15.

Care and Cleaning

Motor Base

1. Unplug the power cord.
 2. Wash outside surface with a damp, soft cloth or sponge, which has been rinsed in a mild solution of liquid dish soap (Ivory Liquid® or equivalent) in warm water. NEVER IMMERS MOTOR BASE IN WATER OR OTHER LIQUID.
 3. Thoroughly clean switches so that they work freely. They will become sticky from use. Use a wet cloth or sponge* to flush and clean in the groove around the water shielded switches. You may also lightly spray the surface around the switches with an all-purpose cleaner such as Cinch® or 409® and work the switches back and forth a few times to loosen any dried residue under switch.
 4. Polish with a soft cloth.
- * Note: Be sure to wring excess water out of cloth or sponge when cleaning around the controls or any electrical part.

Lid

Separate the lid and plug, then wash in warm soapy water. Rinse clean under running water and dry. Reassemble before use. (See pages 6 and 7).

Container

1. To clean: Fill pitcher 1/4 full with warm (110°F/43°C) water and add a couple drops of dish soap**. Return container to motor base and firmly position the two part lid. Run machine for 30 seconds. Empty container. Repeat this step.
 - ** **Note:** To prolong polycarbonate container life, Vita-Mix recommends using soaps with a low Ph balance, such as a manual pot and pan detergent. Due to the nature of polycarbonates, automatic dishwashing is not recommended.
 2. Fill pitcher 3/4 full with warm (110°F/43°C) water (do not add soap). Return container to motor base and firmly position the two part lid. Run machine for 30 seconds. Empty container.
 3. If any solid residue remains, remove the blade agitator assembly (see page 10) and wash all container parts in warm soapy water. Rinse and drain. Reassemble before next step.
 4. To sanitize: If all solid residue is gone after step 2 or after completion of step 3, fill container 3/4 full with a sanitizing solution mix.*** Return container to motor base and firmly position the two part lid. Run machine on HIGH for 30 seconds. Empty container.
 5. Return container to motor base and run machine empty for an additional 5 seconds. Do not rinse after sanitizing.
- *** Recommended sanitizing solution: 1-1/2 teaspoons Chlorox® institutional or household bleach in 2 quarts (2 liter) water.

Troubleshooting

Top four problems you can fix on your own

<p>1. Problem:</p> <ul style="list-style-type: none"> • increased vibration • leaking from bottom of container • increased container noise 	<p>Solution #1: Check blade assembly for loose, damaged or nicked components and replace.</p> <p>Solution #2: Tighten retainer nut with screwdriver moving clockwise until it is snug. See p. 10.</p>
<p>2. Problem:</p> <ul style="list-style-type: none"> • Machine will not run. 	<p>Solution #1: Double-check to make sure power cord is firmly in power outlet.</p> <p>Solution #2: Check to make sure switches are clean and moving freely.</p> <p>Solution #3: The thermal protector may have turned the machine off. Turn power off for up to 30 minutes to reset. Note: Cooling may be quickened by placing the motor base in a refrigerator or cool spot. (Unplug first). To speed up the cooling process, try circulating the air with a fan or vacuum at the bottom of the motor base.</p>
<p>3. Problem:</p> <ul style="list-style-type: none"> • loud noise from blade area • blades don't spin 	<p>Solution: Drive Socket may be broken. Check for a fine crack down the center or worn teeth—replace with a new drive socket. (Item # 802). Instructions are included with part.</p>
<p>4. Problem:</p> <ul style="list-style-type: none"> • Bar Boss/Timer Blender will not run when START TIMER switch is activated. 	<p>Solution: Check ON/OFF switch to make sure the switch is in the ON position. Note: START TIMER switch is lit when power is on.</p>

On Two-Step Timers:

Timer stops working if machine is overloaded on low speed. Reset by turning power off for 15 seconds. Do not turn power off midway through a blending cycle. To interrupt cycle, press START/STOP TIMER switch one time. See page 9.

If you cannot fix your machine with these suggestions, technical help is available by calling 800-4DRINK4 (800-437-4654). If you live outside the USA, contact your local Vita-Mix distributor.

Specifications

Dimensions:

Height of Motor Base: 8-1/2" (21.25 cm)

- with 64 oz (2 liter) Polycarbonate container and lid: 20" (50 cm)
- with 64 oz (2 liter) Polycarbonate container without lid: 18" (45 cm)
- with 48 oz (1.4 liter) Polycarbonate container and lid: 17-1/2" (46.75 cm)
- with 48 oz (1.4 liter) Polycarbonate container without lid: 9-1/4" (44.75 cm)

64 oz (2 liter) Polycarbonate Container with lid, no base: 12-3/4" (32 cm)

48 oz (1.4 liter) Polycarbonate Container with lid, no base: 10" (25.5 cm)

Dimensions: 8" W x 9" D x 20" H (20.3 cm x 22.9 cm x 51 cm)

Ship weight of machine: 13 lbs. (6 kg)

Power Requirements:

Volts: 120 VAC

Volts: 220/240 VAC

Volts: 100 VAC

Amps: 11.5

Watts: 750-850

Watts: 900

Hz: 50/60

Hz: 50/60

Hz: 50/60

The instructions appearing in this Owner's Manual cannot cover every possible condition and situation that may occur. Common sense and caution must be practiced when operating and maintaining any appliance.

Warranty

Vita-Mix Corporation warrants your Commercial Vita-Mix appliance to be free from defects in materials and workmanship for a period of three years from the date of purchase when used in accordance with the accompanying instruction booklet.

Provisions of this limited warranty are void if your Vita-Mix appliance has been subjected to obvious abuse, negligence, accident, alteration, or failure to follow operating instructions, or product exposure to abnormal or extreme conditions. Cosmetic changes such as discoloration of parts of the product in the hands of the user or the effects of the use of abrasive cleaners will not be warranted or considered defects. The cleaning or removal of food products along with any damage caused by allowing them to build up is not covered by this limited warranty. Warranty is void if the Vita-Mix blender is put into a sound reduction chamber that does not allow proper cooling.

In the event your Vita-Mix appliance needs service or repair covered by the terms of this warranty, please call the Vita-Mix Corporation for shipping instructions. The Vita-Mix blender must be sent in original or sufficient packaging.

This limited warranty is in lieu of any other warranty expressed or implied. No representative or any other person is authorized to make any other warranty or to assume any liability not strictly in accordance with the foregoing. This limited warranty gives you specific legal rights which may vary from state to state. Proof of purchase may be required to prove date of purchase.

Outside the Continental U.S.A. other warranties may apply. (Call or check with your Vita-Mix distributor for details). In case of shipping damage, notify the shipper or carrier immediately. Outside the USA, contact your local Vita-Mix Distributor.

Service Contract

PLEASE NOTE: The Service Contract outlined in the following paragraphs applies only to customers in the United States and Canada. Customers in all other countries should contact their local Vita-Mix distributor for service details.

This Vita-Mix blender includes a 1-Year Service Contract effective from date of purchase. Proof of date of purchase may be required.

The Vita-Mix Service Contract includes the following:

1. Only one extra drive socket - to facilitate simple repairs and prevent down time is included and packaged with each machine.
2. Additional drivers and tamper, unless defective, are not covered. NOTE: to determine if you have a defective part, please order a replacement part through Vita-Mix Customer Service and, when the new part arrives, return the old part in the same packaging. Vita-Mix will inspect the returned part and, if defective, issue a refund for the price of the new part. A part will be considered defective if no abuse or neglect was involved with its break. Non defective parts sent to Vita-Mix for inspection will not be returned if deemed unusable. Service Contract covers functionality of the machine but not abuse or lack of recommended maintenance.
3. In the Continental United States, sender pays freight one way to Vita-Mix Corporation. The Vita-Mix Corporation will pay UPS ground freight charges to return the machine to the sender. Sender pays costs for special shipping requests. Outside Continental United States, other service contracts may apply.

Before returning this product for any reason, including repair, please, first contact our CUSTOMER SERVICE DEPARTMENT: (800) 4DRINK4, (800) 437-4654 or (440) 235-0214 to receive a "RETURN AUTHORIZATION NUMBER".

Note: Within the United States, Limited Warranty and Service Contract are honored directly through the Vita-Mix Corporation, Cleveland, Ohio USA. Non-warranty repairs can be performed by any CFESA service center. For machines sold in the USA, call Vita-Mix (800) 4DRINK4 (800-437-4654) or (440) 235-0214.



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