

# Blendtec®

**Total Blender™ Designer Series**



Owner's Manual  
and User Guide

# Table of Contents

<b>SECTION 1 - IMPORTANT SAFEGUARDS</b> .....	<b>5</b>
<b>SECTION 2 - UNPACKING</b> .....	<b>7</b>
2.1 UNPACKING YOUR BLENDER	
2.2 RECORDING YOUR SERIAL NUMBER AND DATE OF PURCHASE	
<b>SECTION 3 - BLENDER OVERVIEW</b> .....	<b>7</b>
3.1 BLENDER MOTOR	
3.2 BLENDER JAR ASSEMBLY	
<b>SECTION 4 - INSTALLATION</b> .....	<b>8</b>
<b>SECTION 5 - OPERATIONAL OVERVIEW</b> .....	<b>8</b>
5.1 MAIN POINTS OF OPERATION	
5.2 AUTOMATIC CYCLE OPERATION	
5.3 BLEND CYCLES	
<b>SECTION 6 - CARE AND CLEANING</b> .....	<b>14</b>
6.1 AFTER USE CLEANING	
6.2 LONG-TERM SANITATION	
6.3 CLEANING TIPS AND CAUTIONS	
<b>SECTION 7 - TROUBLESHOOTING</b> .....	<b>14</b>
7.1 BLENDED TEXTURE UNSATISFACTORY	
7.2 BLENDER MOTOR WILL NOT TURN ON	
7.3 NOISE LEVEL CHANGES	
<b>SECTION 8 - WARRANTY</b> .....	<b>16</b>

# SECTION 1 – IMPORTANT SAFEGUARDS

## IMPORTANT INFORMATION

Following these instructions will help prevent injuries and damage to the machine and will ensure that you have the best possible experience with your Blendtec blender.

### 1.1 AVOID CONTACT WITH MOVING PARTS

- ALWAYS keep fingers, hands, hair and clothing away from all moving parts.
- ALWAYS keep all utensils away from the drive socket and blender jar blades during operation. Metal utensils may damage blade and jar.
- NEVER put hands into the blender jar or add substances by hand when the blender jar is on the motor base.
- NEVER touch the blade with your fingers whether it is on or off the motor base.
- NEVER place jar into or remove from drive socket if blender motor is operating.
- DO NOT rock the blender jar during operation.

### 1.2 NEVER OPERATE THE BLENDER IF IT APPEARS DAMAGED

If the blender malfunctions, call your service agent first. If it is dropped or damaged in any way, return the blender to a Blendtec service agent immediately for examination, repair, electrical or mechanical adjustment, or possible replacement.

### 1.3 NEVER OPERATE BLENDER IN LIQUID

To protect against the risk of electrical shock do not put the motor base in water or other liquid. Do not use the blender outdoors where it is subject to precipitation.

### 1.4 NEVER PUT NON-FOOD ITEMS INTO JAR

Metal utensils, rocks, and glass are dangerous if placed in the jar. Damage caused by such foreign objects will void the warranty. Keep hands and utensils out of jar while blending to reduce the risk of severe injury to persons or damage to the blender. Utensils may only be used when the blender is not running.

### 1.5 NEVER OPERATE THE BLENDER WITH MORE THAN THE MARKED CAPACITY OF THE JAR

### 1.6 NEVER OPERATE THE BLENDER WITHOUT THE LID IN PLACE

### 1.7 NEVER OPERATE THE BLENDER USING ATTACHMENTS NOT SOLD BY BLENDTEC

The use of any unauthorized attachments may cause fire, electric shock, and/or injury and will void the warranty.

**1.8** JAR MUST BE PROPERLY IN PLACE WHILE APPLIANCE IS OPERATING

**1.9** CARE SHOULD BE TAKEN WHEN HANDLING THE CUTTING BLADES, WHILE EMPTYING THE JAR, AND DURING CLEANING

**1.10** USE CAUTION WHEN BLENDING ON THE SOUP CYCLE

When blending on the soup cycle, friction of the blade will heat the contents. The vented lid will allow pressure relief. Be careful not to come in contact with any steam coming from the clear center lid.

**1.11** WARNING - DO NOT BLEND HOT LIQUIDS OR OTHER HOT INGREDIENTS

**1.12** POWER CORD PRECAUTIONS

- NEVER operate with a damaged cord or plug. If the supply cord is damaged it must be replaced by the manufacturer or authorized service agent to avoid a hazard.
- DO NOT permit the cord to hang over the edge of the work surface.
- NEVER use an extension cord with the unit.
- ALWAYS unplug the blender motor when not in use, before changing blender locations, or cleaning.

**1.13** DO NOT USE WITH POWER INVERTER OR VOLTAGE TRANSFORMER/ CONVERTER

**1.14** NEVER ATTEMPT TO REPAIR THE POWER UNIT

Never remove the blender motor cover. The blender motor does not contain self-adjustable or serviceable parts. A qualified service agent must make all service adjustments. Removing the cover or attempting to service the blender will void the warranty.

**1.15** TURN THE POWER OFF WHEN NOT IN USE

The Power Button (ON/OFF button) is located on upper right side of the touch area.

**1.16** AVOID TOUCHING THE BLENDER DRIVE SOCKET AFTER EXTENSIVE USE

The blender drive socket may become hot after numerous cycles.

**1.17** SAFETY

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

**1.18** THE TOTAL BLENDER DESIGNER SERIES IS INTENDED FOR HOME USE ONLY! ANY USE OF THE BLENDER FOR COMMERCIAL PURPOSES VOIDS ALL WARRANTIES

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

## SECTION 2 - UNPACKING

SAVE ALL PACKAGING MATERIALS AND INSTRUCTIONS FOR FUTURE USE

**2.1** UNPACKING YOUR BLENDER

1. Remove blender motor base, blender jar, and lid from packaging.
2. Unwind the power cord.
3. Check for any packing material that may have blocked ventilation holes on the bottom of the blender motor base.
4. Inspect all items to ensure no damage occurred in shipment.
5. If any damage has occurred contact your Blendtec service agent immediately. You should have received the following items:

- Total Blender Designer Series motor base
- Blender jar with lid
- Fresh Blends recipe book
- Owner's manual

**2.2** RECORDING YOUR SERIAL NUMBER AND DATE OF PURCHASE

Record your blender motor serial number and date of purchase in the space below. You will need these when contacting Blendtec for service or questions.

Motor Serial #(found on bottom of motor base): \_\_\_\_\_  
Date of Purchase: \_\_\_\_\_  
Purchased From: \_\_\_\_\_

## SECTION 3 - BLENDER OVERVIEW

(Refer to Figures 1 and 2)

**3.1** BLENDER JAR ASSEMBLY

- The blender jar assembly consists of the blender jar, blade assembly, and lid.
- Lid: Flexible rubber lid seals liquids within the jar during blending.
- Jar: Made from a tough, durable material to provide maximum efficiency and clear visibility of blender performance.
- Blade Assembly: Stainless steel designed to provide fast, consistent blending.

NOTE: Filling the blender jar beyond the marked capacity is not recommended.

### 3.2 BLENDER MOTOR BASE

- **Blender Drive Socket:** This is where the jar couples with the motor to turn the blade assembly.
- **LED Information Center:** Indicates the number of times a blend cycle button has been pressed, the time left to blend, and error messages.
- **Touch Area:** Consists of six buttons that contain pre-programmed settings for selective blender control, a pulse button, a power button, a stop button, and a manual speed control slider.
- **Power Button:** Located on the upper right hand side of the touch area.
- **Motor Base Cover:** Houses the power unit in a durable, easy-to-clean casing.
- **Power Cord:** Located at the back of the motor base cover.
- **Power Unit:** This unit is located with the blender motor and contains the computerized electronics that run the blender.

## SECTION 4 - INSTALLATION

1. Place blender on a flat, clean, and dry surface.
2. Make sure a plug outlet is available within two feet (61cm) of the blender motor.
3. Ensure that blender vents are unobstructed to allow proper cooling during use.

## SECTION 5 - OPERATIONAL OVERVIEW

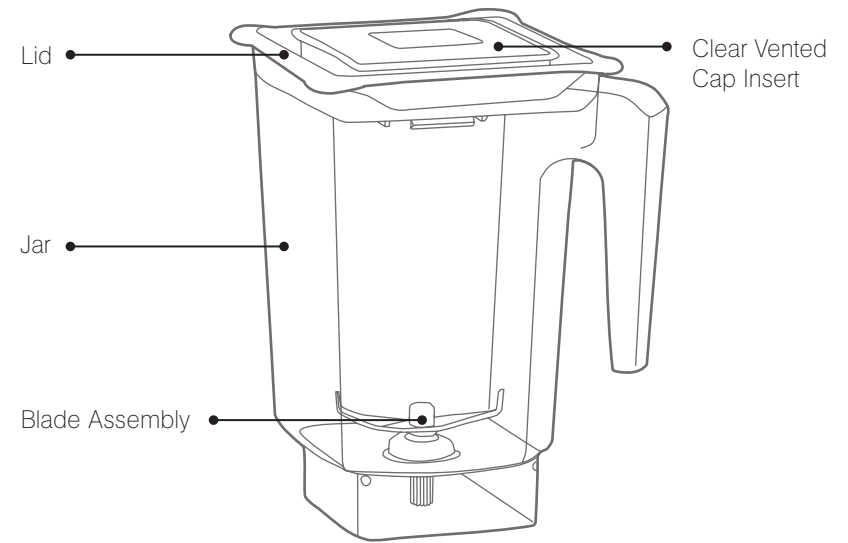
### 5.1 MAIN POINTS OF OPERATION

1. Plug in the blender.
2. Press power button located on the upper right hand side of the touch area.
3. A cycle count (indicating the number of cycles the blender has run) will display on the LED Information Center for three seconds following power on.
4. Secure the lid to the jar and place the appropriately filled jar on the base, making sure the jar is secure.
5. To start the blender, touch the icon for the desired blend cycle or use the slider for manual control.
6. When cycle is complete, remove the blender jar and serve.

### 5.2 AUTOMATIC CYCLE OPERATION

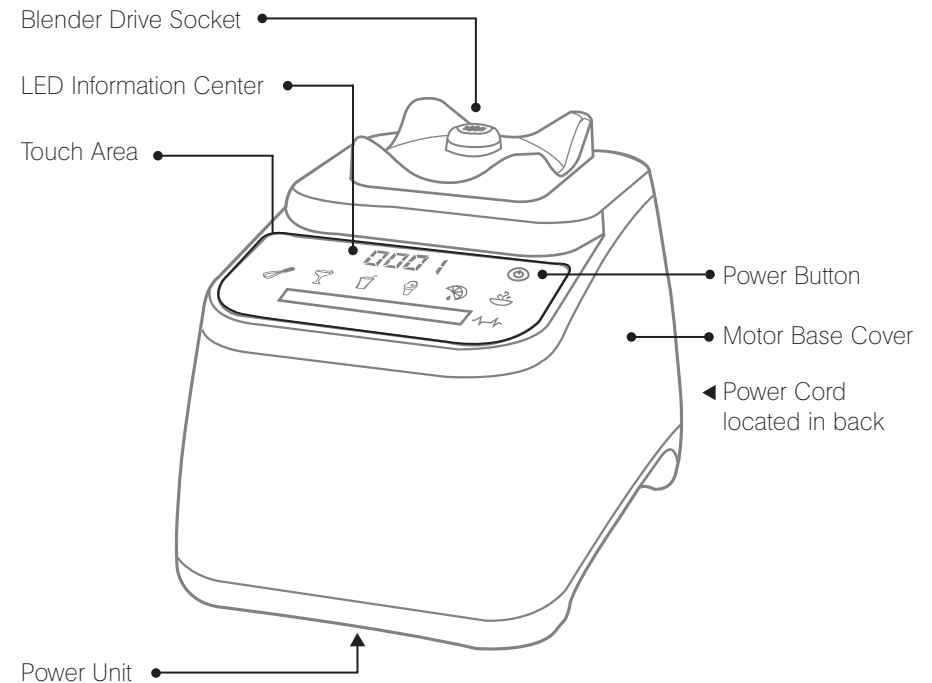
As shown in Figure 3, the Blendtec Total Blender Designer Series has automatic blending cycles for batters, ice crush, smoothies, ice cream, whole juice, and soups. These cycles have variable speed settings that will change during the course of the cycle. This allows the blender to draw the contents down into the blending vortex, which creates the desired, uniform texture. The blender will run its pre-programmed cycle and automatically shut off. If at any point you want to stop the blender before it has completed its cycle, press the stop button.

**FIGURE 1: BLENDER JAR ASSEMBLY**



The jar shown above is the **WildSide Jar**

**FIGURE 2: MOTOR BASE**



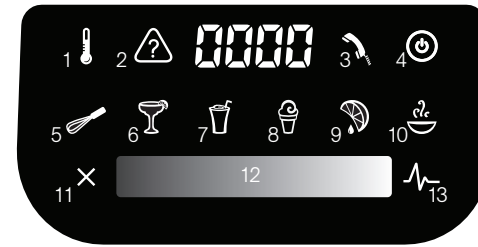
### 5.3 ALL ABOUT BLEND CYCLES (SEE FIGURE 4)

**1. WHY BLEND CYCLES?** In the world of professional blending, there are many factors which go into making a delicious blended product time after time. In order to blend many different recipes consistently well, Blendtec developed blend cycles to match the blending needs of the product being made. Because different ingredients have different blending characteristics, each item needs to be considered. Some ingredients which are thicker or more fibrous will take longer to blend and need to be blended at higher speeds. It is from that world of commercial results that the Total Blender Designer Series derives its heritage.

**2. WHAT CYCLES ARE ON MY BLENDER?** The Total Blender Designer Series has 6 carefully designed and selected, pre-programmed blend cycles to produce optimum results for a wide range of blending tasks. These include Batters, Ice Crush, Smoothie, Ice Cream, Whole Juice, and Soups. The recipe book included with your machine will refer to a specific button to use, depending on what is being made. Feel free to experiment and try different cycles with your own recipes. The preceding charts correspond to the 6 cycle icons above on the touch pad (see Figure 4 on pages 12-13). The charts will show the speeds and duration of time which make up each pre-programmed blend cycle. This may be helpful to you in understanding what the blender is doing when a specific cycle button is pushed.

**3. HOW WILL BLEND CYCLES HELP MY RECIPES?** The Total Blender Designer Series Blender has been designed with many different food items in mind and blend cycles make it produce consistent results across a wider range of food items than any other home blender. This is why you will hear the blender speeding up and slowing down at different times throughout the various blend cycles. However, things like the temperature of ice and the amount of liquid in the various foods used in a recipe will create different blending characteristics. The Blendtec recipe book is designed for an overall average in terms of ice temperature and the amount of liquid typically contained in various fruits and vegetables. Your experience may be different depending on local conditions and you may need to adjust certain recipes to have more or less ice, and higher or lower portions of fruits and vegetables or other ingredients. For example, if a drink is too thick to blend adequately, try reducing the ice a little and replacing the ice with a little water or other liquid. You will be amazed at the difference in blendability. Whatever your experience with ingredients, the Total Blender Designer Series will blend ingredients faster and more easily than other blenders because of its unique combination of high-speed motor, patented square jar, single prong wingtip blade, direct drive coupling, and computer-controlled blend cycles.

**FIGURE 3: TOUCH AREA**
















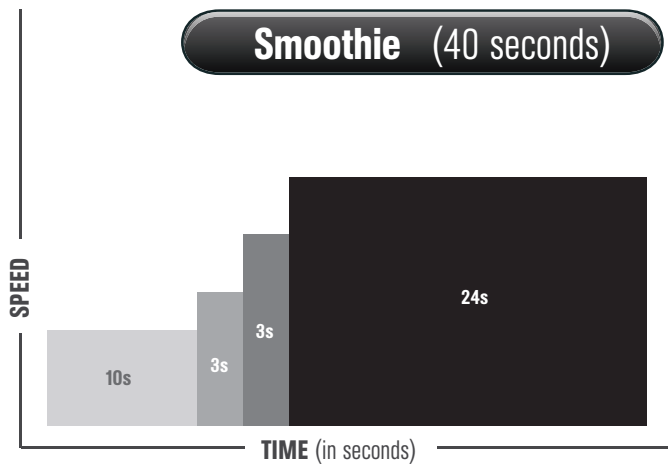
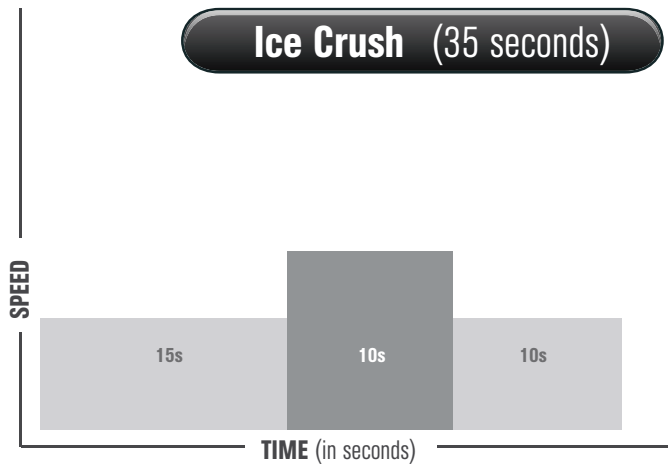
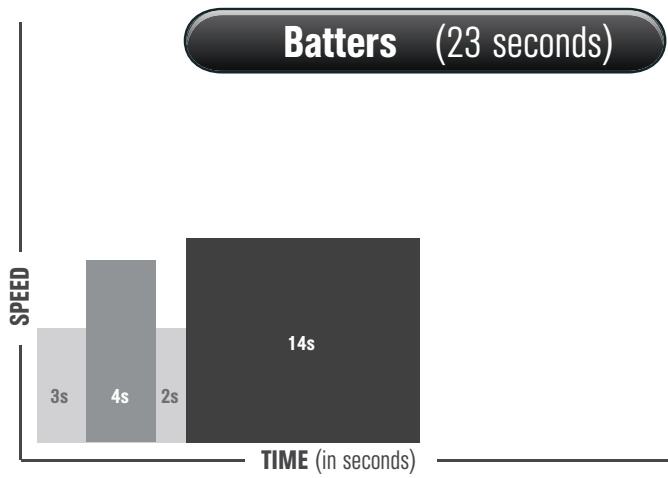
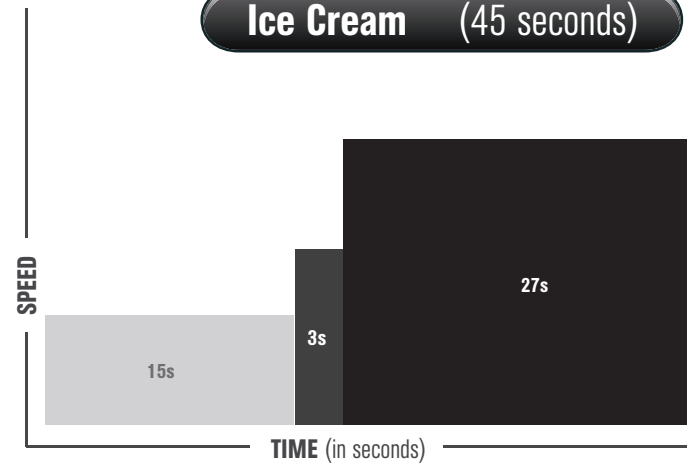
-  Over Temp: This icon will appear if the blender has overheated. If you see this icon, unplug blender, allow sufficient time to cool, then resume blending.
-  Touch Error: This light indicates that more than one sensor has been triggered by your touch.
-  Phone: This light indicates that you should call your Blendtec Service representative.
-  Power Button: Press this button to turn your machine on or off.
-  Batters: Use this blend cycle to mix, whip and blend batters, sauces, dips, and dressings.
-  Ice Crush: Use this button to blend your mixed drinks, milkshakes, or to crush ice.
-  Smoothie: Use this button to blend your smoothies.
-  Ice Cream: Use this button to make ice cream.
-  Whole Juice: Use this button to make whole juice and green drinks.
-  Soup: Use this button to make hot soup and hot chocolate.
-  Stop Button: Press this button at any time to stop the blender.
-  Slider: This area allows you to manually control the speed of the blender.
-  Pulse: Use this button to chop, mince, whip, or do other momentary tasks which do not require a long blend cycle.

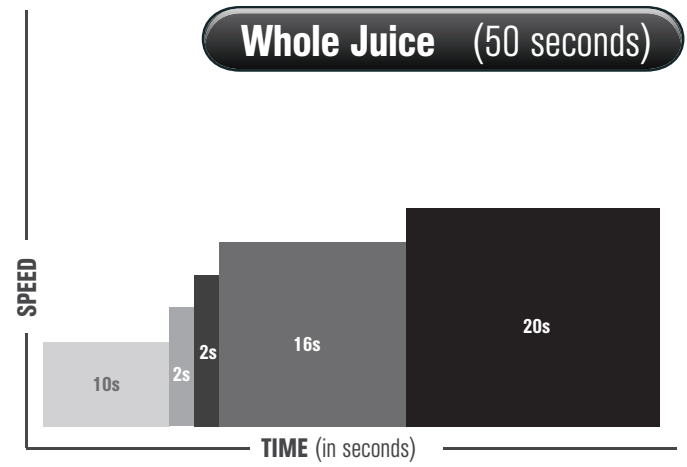
FIGURE 4



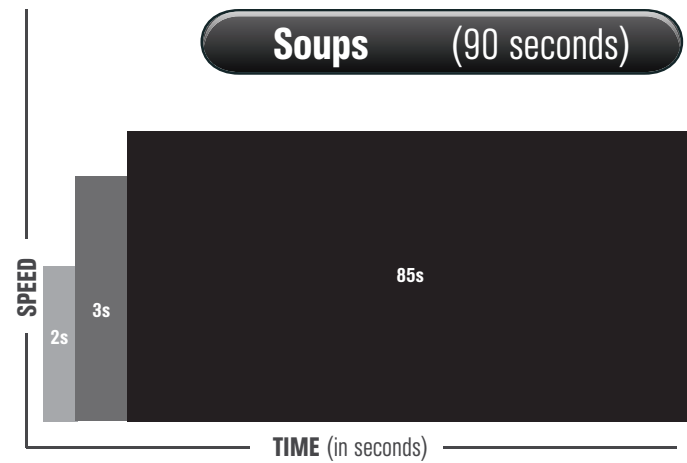
### Ice Cream (45 seconds)



### Whole Juice (50 seconds)



### Soups (90 seconds)



## SECTION 6 - CARE AND CLEANING

### 6.1 AFTER USE CLEANING

1. Add 1 cup (240 ml) of hot water and a drop of liquid dishwashing soap to the blender jar.
2. Place the lid tightly onto the jar. Place the blender jar on the blender base and, with your hand placed on top of the lid, press the pulse button for 5 seconds.
3. Rinse with clear water until all soap is rinsed from jar and lid.
4. Clean the blender base by simply wiping the base and touchpad with a damp cloth.

### 6.2 LONG-TERM SANITATION

1. For long-term sanitation, fill the blender jar with hot water.
2. Add one teaspoon (5 ml) of liquid chlorine bleach.
3. Stir for 10 seconds to mix water and bleach. Let mixture stand in blender jar for 5 minutes.
4. Empty water/bleach mixture. Turn jar upside down on dish rack until dry.

### 6.3 CLEANING TIPS AND CAUTIONS

- Do not use abrasives or stiff brushes to clean the blender base or jar as this will dull or scratch the surface. Cosmetic damage is not covered by warranty.
- NEVER submerge the blender motor in water. Avoid submerging blender jars for more than 5 minutes. Water penetration through the lower jar seals will reduce the life of the jar.
- BLENDER JAR IS DISHWASHER SAFE—TOP RACK ONLY! Extreme temperatures damage the lower seals of the jar. We do not recommend the jar be used for temperatures above boiling (212°F, 100°C).

## SECTION 7 - TROUBLESHOOTING

### 7.1 BLENDED TEXTURE UNSATISFACTORY

If the blended texture of product is lumpy or uneven, do the following:

- Ensure the mixture is not cavitating during the cycle. Cavitation is a condition in which the blender blade spins freely in an air pocket within the drink mix because the mix is too cold or too solid. This problem can be corrected by increasing the mix temperature by reducing ice, increasing liquid, and/or ensuring that the frozen ingredients used in the recipe are never colder than 10 degrees Fahrenheit (-12 degrees Celsius).
- Increase cycle time. If the drink is mixing well but has not had enough time for complete blending, try a longer cycle or touch and hold the "Pulse" icon for extra blending time.
- TRIED EVERYTHING? If none of the preceding suggestions work, contact your Blendtec Service Agent for further assistance.

### 7.2 BLENDER MOTOR WILL NOT TURN ON

If the blender motor will not turn on, try the following:

- Determine if the Power Button is lit. Absence of a lit Power Button indicates a lack of power to the unit.
- Make sure the blender is plugged in.
- Check your house circuit breaker switch or fuse to make sure it is set to the ON position.
- Press the Power Button located on the upper right hand side of the touch area.
- Unplug the power cord from the wall receptacle, wait 5 seconds, then plug power cord back in.

#### Look at the Touch Area:



If this icon appears on your blender, it indicates that the motor is overheating. The blender has been disabled until the unit cools to operating temperatures. Turn off and unplug the unit. Allow it to cool for at least 20 minutes, then plug it back in to check if the icon is still visible. If the icon does not disappear after 20 minutes or more of cooling time, please call your Blendtec Service Agent.



If this icon appears on your blender, please turn off and unplug the unit. Check the blender jar for blockage and clear if necessary. Plug in the unit and turn the blender on again. If the icon is still visible on your blender, contact your Blendtec Service Agent.



If this icon appears on your blender it indicates that more than one touch sensor on the blender has been touched. This icon should only appear as long as the multiple sensor areas are being touched. If this icon remains on when no one is touching the touch area unplug and re-plug in the blender. If the problem persists please contact your Blendtec Service Agent.



If this message appears on the LED information center it indicates there has been an error. There are error messages from E-01 through E-06. If any of these errors appear, press the stop button to clear the message. If the error message reappears please contact your Blendtec Service Agent.

### 7.3 NOISE LEVEL CHANGES

If the blender noise level has increased significantly from original levels, determine whether the sound is coming from the blender motor or jar.

- Blender Motor: Check to see if the excess noise is coming from the blender base. Remove the jar and press Ice Crush or Smoothie button. Listen to the motor sound without a jar attached. If it is excessively noisy contact your Blendtec Service Agent.
- Jar: Check to see if the excess noise is coming from the jar. Run the blender for a few seconds using the Pulse Button. If you have more than one jar, test a different jar to determine whether the sound changes as different jars are used. If a jar is excessively noisy, or if the jar shaft assembly seems loose or feels rough when turned by hand, contact your Blendtec Service Agent.



**INSTRUCTIONS THAT APPEAR IN THIS USER GUIDE ARE NOT MEANT TO COVER EVERY POSSIBLE CONDITION OR SITUATION THAT MAY OCCUR. GOOD JUDGMENT MUST BE USED WHEN OPERATING THIS OR ANY OTHER MACHINERY.**

## **SECTION 8 - WARRANTY U.S. AND CANADA**

### WARRANTY DESCRIPTION (U.S. Domestic and Canada)

The motor base and jar assembly, including all moving jar parts, are covered against leaking or breakage for the warranty period. Warranties begin from date of purchase.

Cosmetic damage, product abuse, unreasonable use, damage resulting from an accident (including fire, flood, earthquake, or other natural disasters), product tampering, use of accessories not endorsed by Blendtec, service performed or attempted by unauthorized service agencies, units that have modifications, or have been or used for commercial purposes are not included under this warranty.

The quality of Blendtec blenders is unsurpassed. You will enjoy years of wonderful and reliable service from your Blendtec Total Blender Designer Series.

THIS WARRANTY APPLIES ONLY TO PRODUCTS SOLD BY BLENDTEC OR ITS AUTHORIZED DEALERS

### **Limited Warranty**

Blendtec warrants the blender motor to be free of defect in material and workmanship for the warranty period. During this period, such defects will be repaired or the product replaced at Blendtec's discretion without charge. This warranty does not cover damage caused by misuse, accident, or negligence. All implied warranties, including but not limited to implied warranties of fitness and merchantability, are limited in duration to the warranty period on motor and jar. Any unit submitted for repair must be accompanied by proof of original purchase and should be shipped prepaid to:

#### **Blendtec**

1206 South 1680 West  
Orem, UT 84058  
(800) 253-6383  
(801) 222-0888

### **UNDER WARRANTY**

1. Contact Blendtec immediately to diagnose the difficulty. Please have blender serial number ready as well as a description of the problem. Do not attempt to do your own repairs. Repairs made by persons other than Blendtec authorized service representatives will void the warranty. Many issues can be resolved simply and quickly over the phone.

2. If the difficulty cannot be resolved over the phone, your unit may require replacement. If blender is under warranty, Blendtec will repair or replace the unit at no cost. Cosmetic damage and abuse are not included.
3. Upon receiving instructions from Blendtec, box up your existing unit and enclose the following:

Your Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Motor Serial #(found on bottom of motor base): \_\_\_\_\_

Cycle Count (from the LED Information Center): \_\_\_\_\_

Your Purchase Date: \_\_\_\_\_

Place of Purchase: \_\_\_\_\_

An explanation of the problem: \_\_\_\_\_

### **OUT OF WARRANTY**

1. Contact Blendtec to diagnose the difficulty. Please have the blender serial number ready along with a description of the problem. Do not attempt to do your own repairs. Many issues can be resolved simply and quickly over the phone.
2. If the blender is not under warranty and you wish to have it repaired, please call customer service with your serial number, place of purchase and date of purchase so we may give you further instructions on how to send your machine in for an out-of-warranty repair.
3. When you ship your unit please enclose the following:

Your Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Motor Serial #(found on bottom of motor base): \_\_\_\_\_

Cycle Count (from the LED Information Center): \_\_\_\_\_

Your Purchase Date: \_\_\_\_\_

Place of Purchase: \_\_\_\_\_

An explanation of the problem: \_\_\_\_\_

**Products intended for sale in the United States and Canada are only covered by U.S. and Canadian warranty, repair policies, and procedures. Products used or sold outside the United States and Canada are subject to the applicable international warranty and service procedures.**

**Using a machine outside the country it was designed for will void the warranty.**



1206 South 1680 West  
Orem, Utah 84058 U.S.A.  
1-801-222-0888

[blendtec.com](http://blendtec.com)

©2011 K-TEC, INC., All Rights Reserved.  
Blendtec is a registered trademark of K-TEC, INC.  
OWN-RE-074 Manual, Owner's, Total Blender Designer Series Rev 01