

**Purchaser's Reference Information**

IT IS IMPERATIVE THAT YOU FILL IN THE FOLLOWING INFORMATION AND REFER TO IT SHOULD THE NEED FOR SERVICE ARISE.

Product Name: Diamondback 500Ef Elliptical

Serial Number: D \_\_\_\_\_

**To Activate Warranty:**

1. REGISTER YOUR WARRANTY AT [www.diamondbackfitness.com](http://www.diamondbackfitness.com) OR
2. COMPLETELY FILL OUT THE ATTACHED WARRANTY CARD (SEE BACK COVER) AND RETURN TO DIAMONDBACK WITHIN 15 DAYS OF THE DATE OF PURCHASE. FAILURE TO COMPLY WITH THE WARRANTY ACTIVATION PROCEDURE MAY VOID THE MANUFACTURER'S WARRANTY.

Serial Number Location



Serial Number Sticker

Dealer Name: \_\_\_\_\_

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

Dealer Telephone Number: (\_\_\_\_) \_\_\_\_\_

Dealer Contact Name: \_\_\_\_\_

Date Purchased: \_\_\_\_\_

**Shipping Materials:**

Diamondback recommends that you retain the original packing materials (box and packing items) for future shipping needs.

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## Introduction

Congratulations on the purchase of your new cardio equipment from Diamondback. You have made a smart choice. You are about to experience one of the most effective and technically advanced methods of cardiovascular exercise available today.

Diamondback Fitness was founded as a brand extension of the legendary 30-year Diamondback bicycle division. The evolution of bicycles to home gyms for cross-training purposes and to stay fit in inclement weather was a natural. Diamondback Fitness, known for delivering feature-packed, high-value equipment, has grown to a full line of cardio equipment including treadmills, ellipticals and stepper, as well as bikes, including innovative step-thru recumbents.

You can count on your Diamondback equipment to provide years of pleasure and improvement in your fitness level. The solid construction and techno-savvy electronics are guaranteed to provide you with the ultimate workout experience.

For more information or questions regarding your equipment, please go to our website at [www.diamondbackfitness.com](http://www.diamondbackfitness.com). Or contact us:

Diamondback Fitness  
c/o Raleigh America, Inc.  
6004 S. 190th Street, Suite 101  
Kent, WA 98032  
Ph: 800.776.7642

## Safety Instructions and Warnings

The 500Ef is built for optimum safety and is designed to meet or exceed all domestic and international standards. However, certain precautions need to be followed when operating any exercise equipment. **BE SURE TO READ THE ENTIRE OWNER'S MANUAL BEFORE OPERATING YOUR 500EF UNIT.**

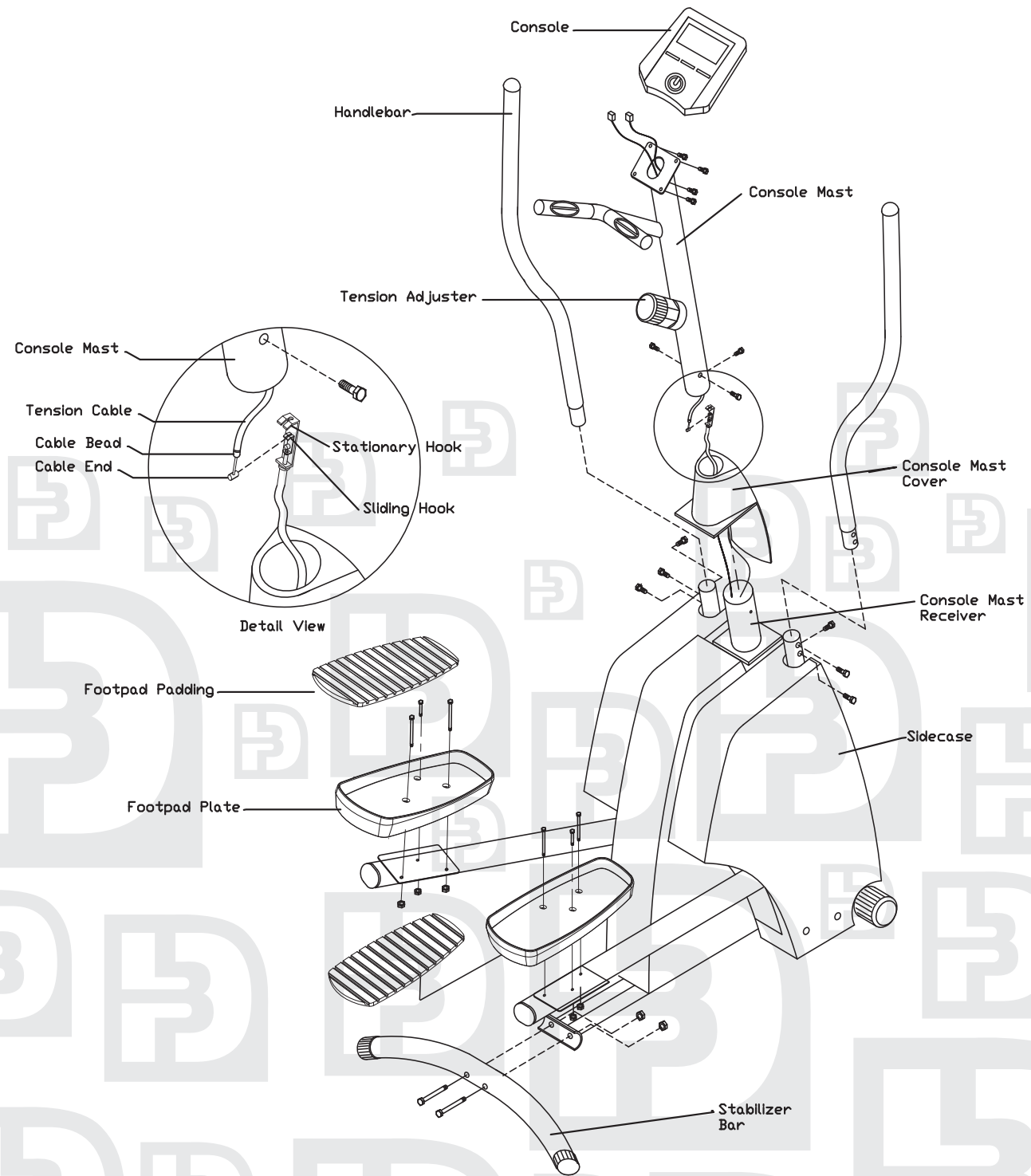
### CAUTION - FOR SAFE OPERATION

1. Keep your hands and feet away from all moving parts and pinch points.
2. Before beginning any exercise program on the 500Ef equipment, it is important to consult with your physician if you have any of the following: History of heart disease, high blood pressure, diabetes, chronic respiratory diseases, elevated cholesterol, or if you smoke cigarettes or experience any other chronic diseases or physical complaints.
3. If over the age of 35 or overweight, consult with your physician before beginning any exercise program.
4. Pregnant women should consult with their physician before beginning an exercise program.
5. If you experience dizziness, nausea, chest pains or other abnormal symptoms during exercise, stop the exercise session immediately. Consult your physician before continuing your exercise.
6. Always drink fluids if you exercise for twenty or more minutes on any 500Ef unit.

### WARNING - TO REDUCE RISK OF INJURY TO YOURSELF OR OTHERS

1. To ensure proper functioning of your 500Ef equipment, do not install attachments or accessories not provided or recommended by Diamondback.
2. Do not use this equipment if it has a damaged/frayed cord or plug, if it is not working properly, if it has been damaged/broken, or immersed in water. Contact your local authorized Diamondback fitness dealer for service.
3. Always wear proper clothing and shoes when exercising on your 500Ef unit.
4. User weight is not to exceed 300lbs / 136kgs for 500Ef.
5. Keep children and pets away from 500Ef equipment. Hands and feet may get caught in the pedals or other moving parts, which could result in serious injury.
6. Place the 500Ef unit in an area that will meet minimum clearance requirements: Front & Sides: 2 feet / 60cm, Back: 3feet/90cm.
7. Place Keep 500Ef equipment away from walls to allow proper ventilation. Air should be able to circulate freely around the units. Keep all air openings free of dirt and dust. Never insert anything into openings.
8. The 500Ef is intended for indoor use in the home environment. It is not intended for outdoor use.
9. Place your 500Ef unit on a solid, level surface when in use.
10. Use the handlebar when getting on and off your 500Ef unit.
11. Make sure all components are fastened securely (i.e. handlebars, handrails, steparms, and footpads) at all times.
12. Do not remove the covers or other components. Only an authorized Diamondback fitness dealer should perform the service.
13. SAVE THIS OPERATING INSTRUCTIONS MANUAL FOR YOUR REFERENCE.

## Assembly Drawing



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## Assembly Instructions

### Step 1: Frame Assembly

1. Place the unit and all accompanying parts in a clean, flat and open space.
2. Attach the Stabilizer Bar to the Frame using two M10 bolts with two M10 nuts. Tighten these bolts firmly using an Allen wrench on the bolt and a box wrench on the nut.

### Step 2: Console Mast Assembly

1. Slide the Console Mast Cover onto the Console Mast Receiver with the Cover's tabs facing down.
2. Hold the Console Mast slightly above the post on the front of the frame. Referring to the detail view in the Assembly Drawing; put the Cable End into the Sliding Hook so that the two are linked together.
3. Fit the Cable Bead into the slot at the top of the Stationary Hook by pulling up on the Tension Cable to move the Sliding Hook toward the Stationary Hook. Once the Cable Bead is in place, release the Tension Cable. The Cable Bead should remain in the Stationary Hook under tension.
4. Plug the wire from the Console Mast into the wire from the Console Mast Receiver.
5. Feed the slack in the wire and Tension Cable down into the Console Mast Receiver.
6. Slide the Console Mast into its housing on the frame. Be careful not to pinch the wire or tension cable while doing so, this could damage the wire.
7. Once the Console Mast is inserted into the frame, slide the Console Mast Cover up the Mast to allow access to the bolt holes at the bottom of the Mast. Attach the Console Mast to the Receiver using three M8 bolts.
8. Once the bolts are tightened down, snap the tabs on the Console Mast Cove into place on the Sidecases.

### Step 3: Console Assembly

1. Hold the Console up to the top of the Console Mast and attach the three wires from the Mast to the back of the Console.
2. Fasten the console to the console mast using four M5 x 15mm bolts.  
Note: Be careful not to pinch the wires while doing this, doing so could cause the unit to operate incorrectly.

### Step 4: Footpad Assembly

1. Place the left footpad on top of the flat plate on the left arm of the unit, and line up the holes in the footpad with the holes in the arm.
2. Place 2 of the 5/16" x 2" bolts into the holes in the plastic footpad and through the holes in the steel plate and steel tube.
3. Place 1 of the 5/16" x 3/4" bolts into the third hole in the plastic footpad and through the steel plate.
4. Thread three of the nylon-lined lock nuts onto the bottom of each bolt. Tighten each bolt with the M6 hex wrench while holding the nut with the included open-ended wrench. Tighten until the footpad is snug and tight on the metal plate.
5. Repeat the above step with the right footpad.
6. Peel the backing paper off the foam footpad inserts and stick them onto the plastic footpads.

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## Workout Guidelines

### Good health is an exercise in common sense

The Surgeon General released a study in 2001, The Surgeon General's Call To Action To Prevent and Decrease Overweight and Obesity. It indicates that 61% of American adults are either overweight or obese. The study states that overweight increases the risk of health problems, such as heart disease, certain type of cancer, type 2 diabetes, etc. It further points out that overweight needs to be regarded primarily as a Health rather than as an Appearance issue.

The Surgeon General's Healthy weight advice for consumers is:

1. Aim for a healthy weight: Find your Body Mass Index (BMI) on the chart below.
2. Be active: Keep physically active to balance the calories you consume.
3. Eat well: Select sensible portion sizes.

$$\text{BMI} = (\text{weight (lb)} / \text{height}^2 \text{ (in)}) \times 703$$

Height in Feet and Inches	Weight in Pounds													
	120	130	140	150	160	170	180	190	200	210	220	230	240	250
4'6"	29	31	34	36	39	41	43	46	48	51	53	56	58	60
4'8"	27	29	31	34	36	38	40	43	45	47	49	52	54	56
4'10"	25	27	29	31	34	36	38	40	42	44	46	48	50	52
5'0"	23	25	27	29	31	33	35	37	39	41	43	45	47	49
5'2"	22	24	26	27	29	31	33	35	37	38	40	42	44	46
5'4"	21	22	24	26	28	29	31	33	34	36	38	40	41	43
5'6"	19	21	23	24	26	27	29	31	32	34	36	37	39	40
5'8"	18	20	21	23	24	26	27	29	30	32	34	35	37	38
5'10"	17	19	20	22	23	24	26	27	29	30	32	33	35	36
6'0"	16	18	19	20	22	23	24	26	27	28	30	31	33	34
6'2"	15	17	18	19	21	22	23	24	26	27	28	30	31	32
6'4"	15	16	17	18	20	21	22	23	24	26	27	28	29	30
6'6"	14	15	16	17	19	20	21	22	23	24	25	27	28	29
6'8"	13	14	15	17	18	19	20	21	22	23	24	25	26	28

Healthy Weight    Overweight    Obese

Note: This chart is for adults (aged 20 years and older).

### Heart rate is an important key to your exercise.

The Surgeon General also released a report on physical activity and health. This report definitively stated that exercise and fitness are beneficial for a person's health and redefined that exercise is a key component of disease prevention and healthier living.

Medical research has shown us that there is an amount of exercise, which is enough to condition the cardio respiratory system and the muscles of the body. This amount of exercise is between 60% and 85% of your maximum heart rate measured during a training session. This range allows enough exercise to achieve fitness, but not an excessive amount to cause injury. Your heart rate is an excellent indicator of the amount of stress placed on the cardiovascular system. Taking full advantage of this information, the 500Ef is designed to include heart rate monitoring features.

## Workout Guidelines (Continued)

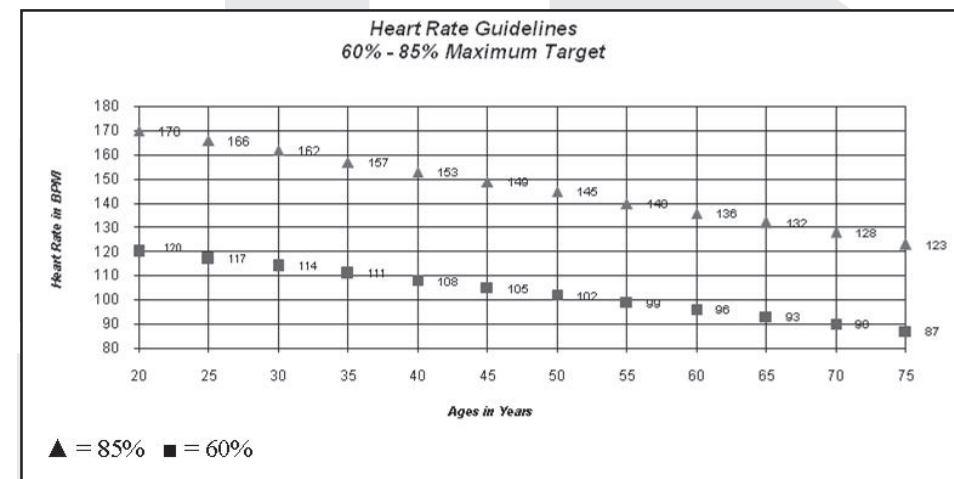
If exercise intensity is too low or too high, no gains will be made in fitness. If the intensity is too low, the stress levels are ineffective. If the intensity is too high, injury or fatigue may set your exercise program back as you try to recover.

The best way to monitor exercise intensity is to accurately count your pulse during exercise. Your heart rate can easily be determined by counting your pulse at the chest, wrist or at the carotid artery on your neck. It is difficult to count your own pulse during exercise, mainly because you cannot count fast enough to get an accurate number. Heart rate is monitored and electronically displayed as a digital readout. Your target heart rate, the intensity needed to improve cardiovascular fitness, depends primarily on your age and not your state of fitness. It is calculated as a percentage of your maximum heart rate, estimated as 220 minus your age. It is most effective to train at your target heart rate between 60% and 85% of your maximum heart rate.

### Maximum Heart Rate & Training Zone

To calculate your maximum heart rate and find your training zone, use the following formula. An example has been provided below based on a 35-year-old person:

220 - Age = Maximum Heart Rate                      (220 - 35 = 185)  
 60% of Maximum Heart Rate                      (60% x 185 = 111bpm)  
 85% of Maximum Heart Rate                      (85% x 185 = 157bpm)  
 Training Zone:    111bpm - 157bpm



### Quantity & Quality

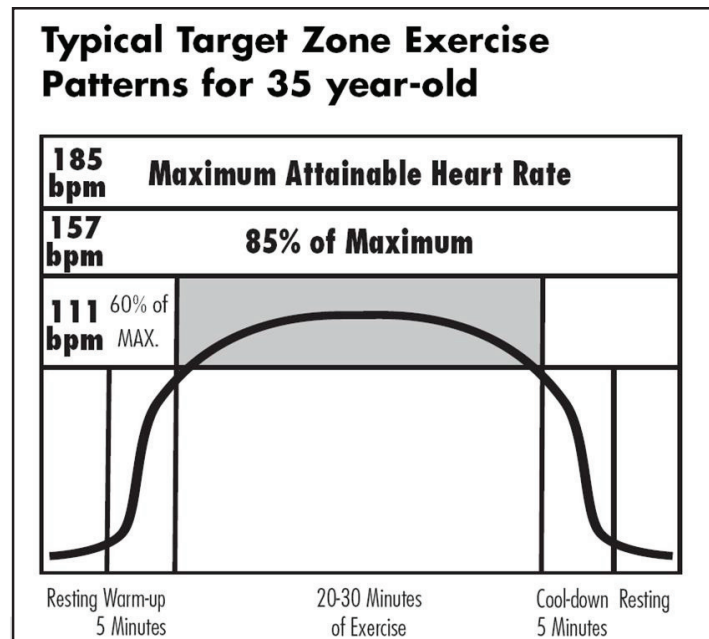
It is recommended that you accumulate at least 30 minutes of physical activity most days of the week. Physical activity should be initiated slowly and the intensity should be increased gradually. You should select activities that you enjoy and can fit into your daily life. Having Diamondback equipment at home certainly gives you the comfortable and convenient workout you want.

The American College of Sports Medicine makes the following recommendations for the quantity and quality of training for developing and maintaining cardio respiratory fitness in healthy adults:



## Workout Guidelines (Continued)

- An activity that uses large muscle groups, maintained continuously, and is rhythmical and aerobic in nature.
- Duration: 20 to 60 minutes of continuous aerobic activity, including a warm-up and cool-down period for each exercise session.
- Frequency: 3 to 5 times per week.
- Intensity: 60% to 85% of maximum heart rate.
- In addition to aerobic exercise, it is recommended that you add strength training of moderate intensity twice per week to your program.



### Get a smart start on exercising.

Anyone over the age of 35, as well as younger persons whom are overweight, should check with his/her physician before beginning any type of exercise program. People who have diabetes or high blood pressure, a family history of heart disease, high cholesterol or have lead a sedentary lifestyle should protect themselves with a medical check-up and a stress test, preferably administered during exercise by a health care professional.

1. Always stretch before your workout to loosen muscles, and afterwards to Cool Down.
2. The first few minutes of your workout should be devoted to warming up muscles before a vigorous workout, and building your heart rate slowly.
3. After your aerobic workout of about 24-32 minutes, spend 10 minutes gradually reducing your heart rate with a lower resistance level.

*Remember, to start slow, with intensity low, until you build endurance and strength. And always consult your physician before beginning any exercise program.*

## Operation Tips

### Pulse Hand Grips (Standard)

The 500Ef unit is able to monitors heart rate and comes standard with stainless steel pulse hand grips. To activate, gently grasp both hand grips to obtain a heart rate reading.

If you are not getting a consistent reading while using the hand pulse option, we recommend the following suggestions:

- Make sure that the palms of the hands are touching the contact area of each hand pulse grip.
- Maintain an even pressure on the grips.
- Do not hold the hand pulse grips too tightly.
- Moisten your hands to get a better contact

### Pause & Resume Programs

- To PAUSE the program – simply stop pedaling, as soon as the console doesn't detect an RPM the time will stop counting and all data will stop accumulating
- To RESUME the program – simply start pedaling, as soon as the console detects an RPM the time will continue counting and all data will continue accumulating

### Adjustments

- The resistance level can be adjusted from level 1 to 8 at any time during your workout. To adjust the resistance level, turn the **Adjustment Knob** so that the indicator arrow is aligned with the desired level. The change in resistance will be effective immediately.
- Turning the MODE wheel while in a program will cause no action.

### Calendar and Clock Setup

When you first install the AA batteries in the console it will automatically go into the calendar and clock setup mode.

1. Turn the **MODE** wheel to adjust the year to the correct year.
2. Once the correct year is on the calorie display press the **MODE** wheel to confirm
3. The console will automatically move to the Distance display and the number to the left of the display will start blinking; this number is the month. Repeat steps 1 and 2 to input the correct month and day.
4. After the correct day is entered, it will move into the clock setting. The clock is a 24 hour clock. Repeat steps 1 and 2 to adjust the hour and the minutes.
5. After the Calendar and Clock are set up the console will enter program setup mode and the calendar and clock setup will be completed.

Console LayoutConsole Layout (Continued)**Displays**

1. **RPM** – will display the current revolutions per minute at which you are pedaling
2. **Speed** – will display the current speed. Maximum speed is 99.9 KM/Hr or Mile/Hr.
3. **Time** – will count down to 0:00 if it is set up at the beginning of the program. If the time is not preset, it will count up to a maximum of 99:59.
4. **Distance display** – will count down to 0.0 if a target distance is set up at the beginning of the program. If it is not preset it will count up to a maximum of 99.9 km/ml
5. **Calories display** – will count down to 0 if a target number of calories to be burned are set up. If it not preset, it will count up to a maximum of 9999.
6. **Pulse display** – A heart shape will blink and the current beat per minute will be displayed if the Heart rate sensors are being used.
7. **Main Display** – it will display one set of the following data at a time: RPM, Speed, Time, Distance, Calories or Pulse. By default this display will be in Scan mode, to turn this mode of press the Mode wheel. Press the Mode wheel again until the data you desired to have displayed comes up.
8. **% of Max HR** – The console will automatically will calculate your % HR while you exercise using the age you entered. If you use the Heart rate hand sensors; to the right of the display there will be a Heart shape with a percentage number, 55%, 75% or 95%, in the middle that will light up as you reach this percentage. If you reach 100% of your maximum HR the console will beep for a few seconds, as a warning that you are exceeding a safe heart rate.

**Function Keys**

1. **Mode Wheel**
  - Rotate the wheel clockwise to increase a value
  - Rotate the wheel counterclockwise to decrease a value
  - Press the wheel to confirm a value
  - While in a workout, press the wheel to turn off the scan mode and to select the desired data to be displayed in the main display. To turn the scan mode back on keep pressing the wheel until the "SCAN" message on the left of the display lights up again.
2. **Recovery**
  - Press the RECOVERY key to enter the heart rate recovery function.
3. **Reset**
  - Press RESET to reset time, distance, and calories to 0
4. **Total Reset**
  - Press and hold the TOTAL RESET key for 2 seconds to reset the console (this reset will be equivalent to take out the batteries and putting them back in)

## Workout Programs

### Quick Start Program

#### Beginning the Program

To get this program started simply start pedaling your unit. Press and hold the RESET key to clear any data that is in the displays and continue pedaling. After the reset the program will start and the console will begin tracking your exercise data.

#### During the Program

##### Display

- Once it is started, the time display will start counting up.
- The Pulse display will show a pulse if a heart rate signal is detected
- The data displays will start accumulating Calories and Distance.
- The RPM/Speed display will display the Speed for 5 seconds and then the RPMs for another 5 seconds throughout the workout.

#### Adjusting Load

- Manually adjust the tension knob to the desired resistance level; you can adjust the level of resistance to any setting from level 1 to 8 at any time during your workout. To adjust the resistance level, turn the adjustment knob so that the indicator arrow is aligned with the desired level. The change in resistance will be effective immediately.

Note: You can adjust the tension at anytime during your workout.

#### Program Notes

- To PAUSE the program – simply stop pedaling, as soon as the console doesn't detect an RPM the time will stop counting and all data will stop accumulating
- To RESUME the program – simply start pedaling, as soon as the console detects an RPM the time will start counting and all data will start accumulating
- Turning the MODE wheel while in a program will cause no action.

### Time Target Program

#### Beginning the Program

1. Press MODE wheel until the "TM", initials for time, are lit on the left hand side of the main display. Rotate the MODE wheel to set your target Time.
2. Press MODE wheel, the data in the distance display will start blinking. Press the RESET key to clear any saved data.
3. Press MODE wheel, the data in the calorie display will start blinking. Press the RESET key to clear any saved data.
4. Press MODE wheel, the message "AGE" will light up in the main display and the age saved in the console will start blinking. Rotate the MODE wheel to adjust the age.

After completing the steps above to start the program, simply start pedaling your unit.

Note: DO NOT pedal the unit while setting up the program, doing so will skip the setup mode and the program will start right away.

## Workout Programs (Continued)

#### During the Program

##### Displays

- Once it is started, the time display will start counting down from the target time.
- The Pulse display will show a pulse if a heart rate signal is detected
- The data displays will start accumulating Calories and Distance.
- The RPM/Speed display will display the Speed for 5 seconds and then the RPMs for another five seconds throughout the workout.

#### Adjusting Load

- Manually adjust the tension knob to the desired resistance level. You can adjust the level of resistance to any setting from level 1 to 8 at any time during your workout. To adjust the resistance level, turn the adjustment knob so that the indicator arrow is aligned with the desired level. The change in resistance will be effective immediately.

#### Ending the Program

- When you reach your target time, the console will beep to indicate this. If you continue pedaling your unit the time will start counting up.

#### Program Notes

- To PAUSE the program – simply stop pedaling, as soon as the console doesn't detect an RPM the time will stop counting and all data will stop accumulating
- To RESUME the program – simply start pedaling, as soon as the console detects an RPM the time will continue counting and all data will continue accumulating
- Turning the MODE wheel while in a program will cause no action.

### Distance Target Program

#### Beginning the Program

1. Press MODE wheel until the "DST", initials for distance, are lit on the left hand side of the main display. Rotate the MODE wheel to set your target Distance.
2. Press MODE wheel, the data in the calorie display will start blinking. Press the RESET key to clear any saved data.
3. Press MODE wheel, the message "AGE" will light up in the main display and the age saved in the console will start blinking. Rotate the MODE wheel to adjust the age.
4. Press MODE wheel, the data in the time display will start blinking. Press the RESET key to clear any saved data.

After completing the steps above to start the program, simply start pedaling your unit.

Note: DO NOT pedal the unit while setting up the program, doing so will skip the setup mode and the program will start right away.



## Workout Programs (Continued)

### During the Program

#### Display

- Once it is started, the time display will start counting up.
- The Pulse display will show a pulse if a heart rate signal is detected
- The Distance displays will start counting down from the target distance.
- The Calorie displays will start accumulating Calories.
- The RPM/Speed display will display the Speed for 5 seconds and then the RPMs for another five seconds throughout the workout.

#### Adjusting Load

- Manually adjust the tension knob to the desired resistance level. You can adjust the level of resistance to any setting from level 1 to 8 at any time during your workout. To adjust the resistance level, turn the adjustment knob so that the indicator arrow is aligned with the desired level. The change in resistance will be effective immediately.

#### Ending the Program

- When you reach your target distance, the console will beep to indicate this. If you continue pedaling your unit the distance display will start counting up.

#### Program Notes

- To PAUSE the program – simply stop pedaling, as soon as the console doesn't detect an RPM the time will stop counting and all data will stop accumulating
- To RESUME the program – simply start pedaling, as soon as the console detects an RPM the time will continue counting and all data will continue accumulating
- Turning the MODE wheel while in a program will cause no action.

### Calories Target Program

#### Beginning the Program

1. Press MODE wheel until the "CAL", initials for calories, are lit on the left hand side of the main display. Rotate the MODE wheel to set your target Calories.
2. Press MODE wheel, the message "AGE" will light up in the main display and the age saved in the console will start blinking. Rotate the MODE wheel to adjust the age.
3. Press MODE wheel, the data in the time display will start blinking. Press the RESET key to clear any saved data.
4. Press MODE wheel, the data in the distance display will start blinking. Press the RESET key to clear any saved data.

After completing the steps above to start the program, simply start pedaling your unit.

Note: DO NOT pedal the unit while setting up the program, doing so will skip the setup mode and the program will start right away.

## Workout Programs (Continued)

### During the Program

#### Display

- Once it is started, the time display will start counting up.
- The Pulse display will show a pulse if a heart rate signal is detected
- The Distance displays will start accumulating distance.
- The Calorie displays will start counting down from the target Calories.
- The RPM/Speed display will display the Speed for 5 seconds and then the RPMs for another five seconds throughout the workout.

#### Adjusting Load

- Manually adjust the tension knob to the desired resistance level. You can adjust the level of resistance to any setting from level 1 to 8 at any time during your workout. To adjust the resistance level, turn the adjustment knob so that the indicator arrow is aligned with the desired level. The change in resistance will be effective immediately.

#### Ending the Program

- When you reach your target calories burned, the console will beep to indicate this. If you continue pedaling your unit the calorie display will start accumulating calories from 0 and counting up.

#### Program Notes

- To PAUSE the program – simply stop pedaling, as soon as the console doesn't detect an RPM the time will stop counting and all data will stop accumulating
- To RESUME the program – simply start pedaling, as soon as the console detects an RPM the time will continue counting and all data will continue accumulating
- Turning the MODE wheel while in a program will cause no action.

### Recovery

The recovery program will test heart rate recovery status and grade your fitness level. The recovery program works best if you start it while you are at your peak pulse rate.

#### Beginning the Program

If during your workout you were not using the hand pulse sensors, hold tightly both of them for at least 60 seconds and continue pedaling the unit at the speed you were doing during your workout, so the console can pick up your pulse before starting this function.

1. Stop Pedaling
2. Press the RECOVERY key.
3. Hold tightly both pulse grip sensors.

The console will start counting down from 60 seconds. Hold tightly both pulse grip sensors until the console has finished counting down. During the 60 seconds the console will measure how quickly your heart rate returns to normal.



## Workout Programs (Continued)

## Notes

### During the Program

#### Display

- Once it is started, the main display will start counting down from 60 seconds.
- The Pulse display will show a pulse if a heart rate signal is detected
- The rest of the displays will be inactive

#### Adjusting Load

- There is no need to adjust the resistance during this program

#### Ending the program

- Once the main display counts down to 0, it will display a fitness value. The fitness value will be between F1 to F6, with F1 being the best.

You should notice your fitness level improving as you continue to work out on a regular basis.

## Maintenance

### CAUTION – FOR SAFE OPERATION

Always inspect hardware prior to any exercise session. Look for loose hardware, loose pedals, loose handrails, loose cranks and frayed wires. Repair or replace any damaged or worn parts, tighten all loose hardware.

After workout, always wipe down your 500Ef unit. Perspiration that continuously settles on frame, pads or casing may eventually cause rust or damage to the unit. Damage resulting from lack of proper maintenance will not be covered under warranty. To clean pads, use a mild soap and warm water. Dry with a clean towel.

If noises develop or malfunctions occur, contact your authorized Diamondback Fitness dealer.

## Domestic Warranty Information

(Applies to all product sold and placed within the continental US, Alaska, Hawaii, and Puerto Rico only)

### **Effective: May 2008**

Diamondback warrants its 500Ef to be free from defects in material and workmanship under normal use in home environments. Diamondback's obligation under this Warranty is limited to repair or replacement of any defective part without charge through an authorized service agent to the original purchaser with the following parameters:

### **Who is covered:**

The Warranty is extended to the individual or legal entity whose name appears on the Warranty registration card filed with Diamondback and may not be transferred to any other individual or legal entity.

### **To obtain service:**

To obtain service you must contact your authorized Diamondback Fitness dealer. Your dealer is also your authorized service agent. An authorized service agent must diagnose your unit in order to determine Warranty claims/issues.

Sales where the unit is delivered unassembled (in a carton) to the end user (e.g. mail order or Internet sales) without a service contract purchased through the dealer voids the Warranty.

### **Warranty Registration:**

Warranty commitments are valid only with a completed Warranty card that is returned within 15 days from the date of purchase and includes the product serial number. Registration is available at [www.diamondbackfitness.com](http://www.diamondbackfitness.com).

Proof of purchase from Diamondback's authorized dealer will be required if the Warranty card is not registered prior to any consideration of Warranty claim.

### **What is covered**

Home:	Maximum usage: 14 hours per week.
Frame:	Lifetime limited Warranty, covers defects in welds, materials, and workmanship.
Brake:	Lifetime limited Warranty
Parts & Electronics:	3 Years
Labor:	1 Year

### **Warranty voided if:**

The Warranty does not apply to any failure of the product, or any parts of the product, due to: assembly errors, alterations, modifications, misuse, abuse, accident, improper maintenance, or if the serial number on the product has been removed, altered or defaced. Assembly errors include but are not limited to:

Damaged wire harness.  
Stripped crank arms and/or pedals.  
Bolts used in the wrong location.

### **Parts & Service:**

Contact the authorized Diamondback dealer where unit as originally purchased. If you have moved, or

**Domestic Warranty Information (Continued)**

**Warranty Card**

that retailer is unavailable, use our dealer locator at [www.diamondbackfitness.com](http://www.diamondbackfitness.com) to help find another authorized dealer.

Diamondback is not responsible for arranging Warranty service and/or honoring extended warranties provided by dealers.

**Exclusions:**

Warranty is void if the 500Ef unit is placed in a commercial or light commercial environment, such as health club, school, or correctional facility.

**Additional Rights:**

This Warranty is expressly in lieu of all other warranties, and any implied warranties of merchantability or fitness for a particular purpose created hereby, are limited to the same duration as the express Warranty herein. Raleigh America, Inc. shall not be liable for any incidental or consequential damages. Some states do not allow the exclusion or limitations of implied warranties, incidental or consequential, so the above limitations and exclusions may not apply to you.

Retailers and wholesale outlets for Raleigh America, Inc. products are not authorized to modify this Warranty in any way.

This Warranty gives the original owner specific legal rights. Other additional rights may vary from state to state.

Diamondback Fitness  
c/o Raleigh America, Inc.  
6004 S. 190th Street, Suite 101  
Kent, WA 98032  
Ph: 800.776.7642



**IMPORTANT! IMPORTANT! IMPORTANT! IMPORTANT!**

Warranty card must be completed and returned to Diamondback within 15 days of purchase. Failure to comply may void manufacturer's Warranty. Or, you may register your product at [www.diamondbackfitness.com](http://www.diamondbackfitness.com).

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

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

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Daytime phone No.: \_\_\_\_\_ Evening phone No.: \_\_\_\_\_

Dealer Store Name: \_\_\_\_\_

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

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Model: \_\_\_\_\_ Serial No.: \_\_\_\_\_

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

Environment Unit Placed:

Home  Light Institutional, i.e. Hotel, Business Center...

Mail Completed Form To:

Diamondback Fitness - Warranty Card  
c/o Raleigh America, Inc.  
6004 S. 190th Street, Suite 101  
Kent, WA 98032  
Ph: 800.776.7642



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