TREK WIRELESS COMPUTER INSTRUCTIONS

Carefully read all these instructions before beginning installation.You will be putting tender fingers in tight spots especially near the spokes, so avoid pinching. Also be careful not to tear or pull on computer wires as this could damage them. When instructions say "Press", press fully and let go. When instructions say "Hold", press fully and hold down for 3 seconds.

Calibrate the computer

1. With the computer display facing up, press the left button (Fig. 1) to select "SPD/ODO" mode (Fig. 2).
2. Hold the left button until "2124" flashes, then release.
3. To scroll values, press the right button. To select, press the left button.
4. Perform a Roll-out Test (Fig. 3) or use the Calibration Chart (Fig. 4) to identify the calibration setting for your bike's wheel diameter and tire size. After selecting each digit, the next choice will flash.
5. After the wheel circumference is set, the "ODO" (odometer) screen appears. Like the wheel circumference screen, scroll with the right button, select values with the left button, or leave at "00000" by pressing the left button to select each of the five zeros.
6. After the odometer is set, scroll with the left button to the "STP" screen. Hold the left button until your choice of 12hour/Mi/F° or 24hour/km/C° appears. Scroll choices with the right button, select with the left. Then set the digits for hours and minutes by scrolling with the right button and selecting with the left button. To scroll through the values faster, hold the right button.

Note: The AC button on the back of the computer (Fig. 10) completely clears all computer settings. TO CLEAR: GO TO STP & HOLD R. BUTTON

Install the computer

1. Install the mounting bracket on the handlebars(Fig. 5)with the rubber strip if necessary. Install near the stem on either side (rider preference) with the bracket screw nearest the rear of the bike.
2. Install the magnet on a spoke approximately 150mm (6") from the center of the wheel(Fig. 6). Do not over tighten the magnet set screw.
3. Place a rubber pad between the sensor and the fork blade, and loosely attach the sensor to the fork with two wire ties passed through the mounting slots (Fig. 7).
4. Adjust the sensor height so no more than 2mm (1/8") are between the magnet and sensor (Fig. 7) by moving the sensor up or down the fork as necessary, and realign the magnet.
5. Ensure that the handlebar mount is no more than 60cm (23") from the sensor on the fork.
6. Slide the computer forward into the mount (Fig. 8). The computer starts when the magnet passes the sensor.
7. Check that the computer is working by spinning the wheel and watching the display in "SPD" mode. If the display shows speed, finish installation by tightening the wire ties and magnet set screw (do not over tighten). If the display does not register speed, re-align the magnet and sensor.
8. To remove the computer, slide rearward (Fig. 8).

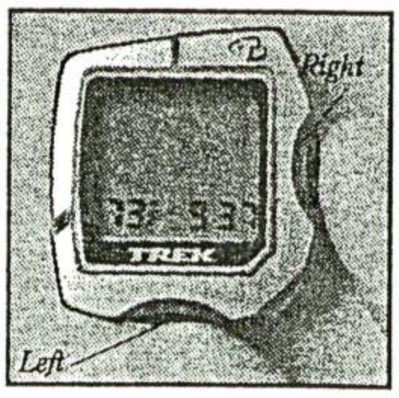


Fig. 1

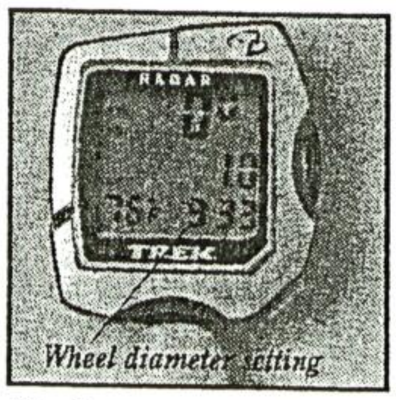


Fig. 2

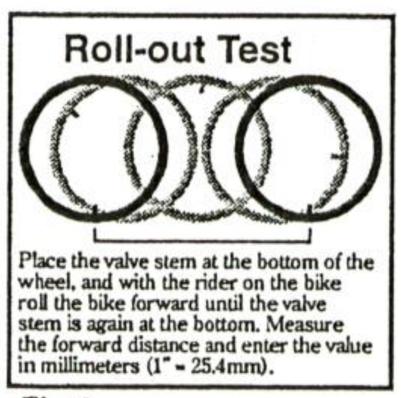


Fig. 3

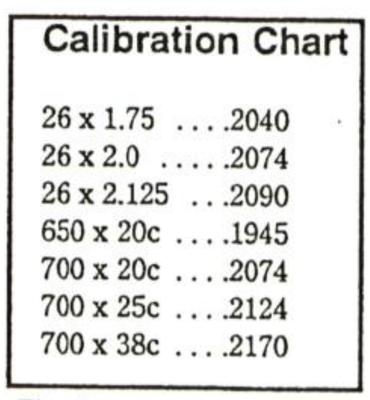


Fig. 4

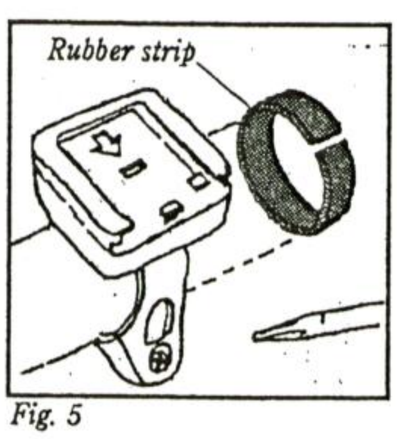
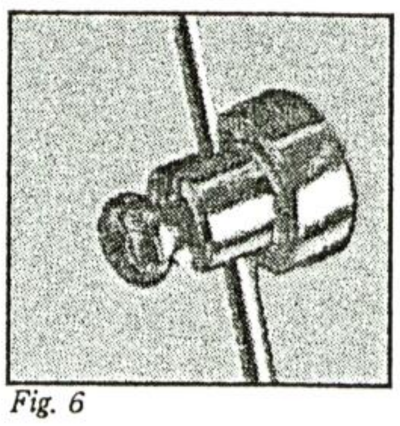
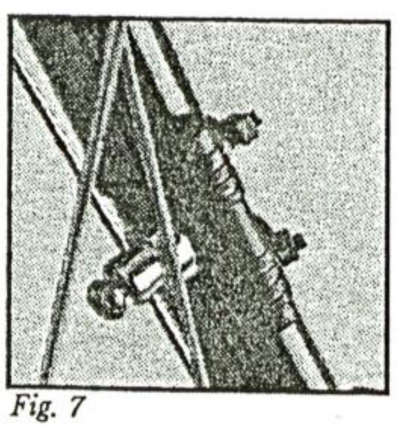


Fig. 5


Fig. 6


Fig. 7

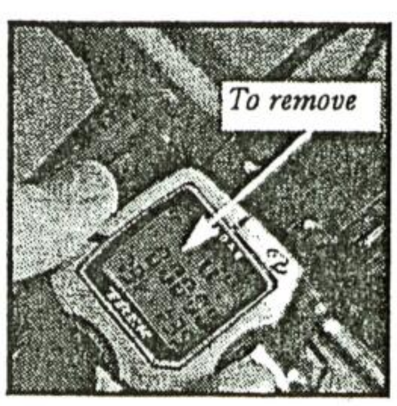
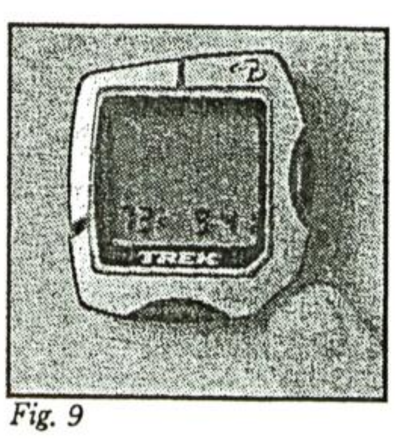


Fig. 8


Fig. 9

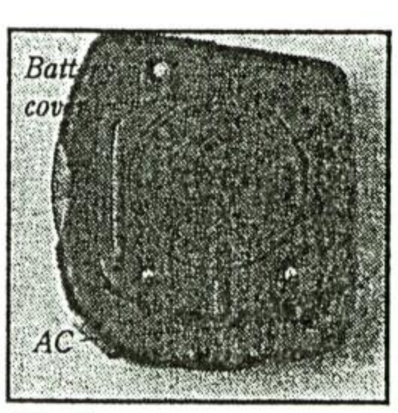


Fig. 10

Selecting functions

1. To clear the resettable portion of the computer memory (STP, DST, AVG, and MAX), enter "SPD/STP" mode and hold both buttons for over 2 seconds (Fig. 8).
2. Push the left button once to scroll through each of the functions denoted by these abbreviations:

SPD	Speed; current speed in tenths (00.1), registering from 2.5-99.5 M/h or 4-99.5 Km/h.
STP	Stopwatch; automatically activated by wheel movement. It cannot be turned on or off manually, and only records time spent riding. To reset to zero, reset as in Step 1.
DST	Trip Distance; distance since the computer was last reset, in tenths up to 999.9 (Km or M).
AVG	Average Speed; calculated average speed using STP and DST, displayed in tenths (0.1).
ODO	Odometer; total distance since calibration of computer.
MAX	Maximum Speed; fastest recorded speed since last reset, displayed in tenths (00.1).
	Time of day in 12 hour clock format.

3. The computer turns off automatically when the magnet has not passed the sensor for 30 seconds.
4. Timer Lock- A unique feature allows you to 'lock' the display at a particular point (like the end of a timed race). Hold the left button for over 1 second. The display will continue to show the 'locked' information. Although the display does not change in Timer Lock mode, the computer continues to record information. To return to normal function, press the left button
5. Sleep Mode- After not registering any information for 5 minutes, the computer display goes blank to conserve battery power. Press either button, or move the wheel to resume normal display and function. Note: Computer will not enter Sleep Mode while calibrating.

Workout Window

This patented feature works like a second computer to gather information from only a section of your ride which you choose. Whether a race or the big climb on your favorite ride, by pressing the Workout Window button (Fig. 9) each of your computer's functions will gather information during your chosen interval. While in Workout Window mode, you will view speed, distance, time, and average speed for the interval since you pressed the button. Meanwhile, in the background your computer is processing information for the entire ride and you simply press the Workout Window button again to return to the main screen to view that data. When you're ready for the next interval, press the Workout Window button again (unlike data for the entire ride, Workout Window information is not saved).

Battery Replacement

1. Gently pry and lift the battery cover (Fig. 10).
2. Install a new CR2032 battery with the + mark facing up.
3. Firmly press the battery cover back into position.
4. Memory will be lost. Recalibrate the computer by following the above instructions.

Troubleshooting

• No SPD-	Improper alignment of sensor and magnet. Computer not installed in bracket correctly.
• Erratic MAX	Improper alignment of sensor and magnet.
• Display is slow	Outside temperature limit (0-55°C)
• Display is black	Above temperature limit (55°C). Remove from sun to cool.
• Display fades or disappears	Weak or dead battery, or dirty battery contacts.
• Irregular display figures	Record ODO, press AC (All Clear) button on back of computer (Fig. 10) and re-calibrate.
• MAX is 99.9, or display freezes	External radio frequency. Do not mount computer or sensor near generator or head light wiring.

WARNING

Never place fingers near the spokes of a rotating wheel or other moving parts which could cause injury.

Watch where you are going when riding your bicycle. Inattention may cause a loss of control resulting in personal injury.

Trek Radar Wireless Help Sheet-

1. Calibrate the computer-

The Right button is the side button. WAKES UP HEAD UNIT
The Left button is the button on the bottom of the case.

2. Install the computer

Install the Fork sensor no more than 23 inches from the computer head. Figure 7 shows the fork sensor being mounted close to the hub. This is not correct. The fork sensor should be placed as close to the top of the fork leg as is possible.

The fork sensor can be mounted on front or rear of the fork leg . Over the life span of the batteries you will have best reception with the fork sensor on the front side of the fork.

The fork sensor has a thin line which will run perpendicular to the fork when mounted. The magnet should bisect the line on the fork sensor about 1-2 mm away. Like shown in figure 7 picture two.

3. Selecting functions-

Start/reset functions are accomplished in the STP screen. To clear the computer press and hold the right button for about 4-5 seconds.
To start recording data press the right button once while in the STP screen.