# Wireless

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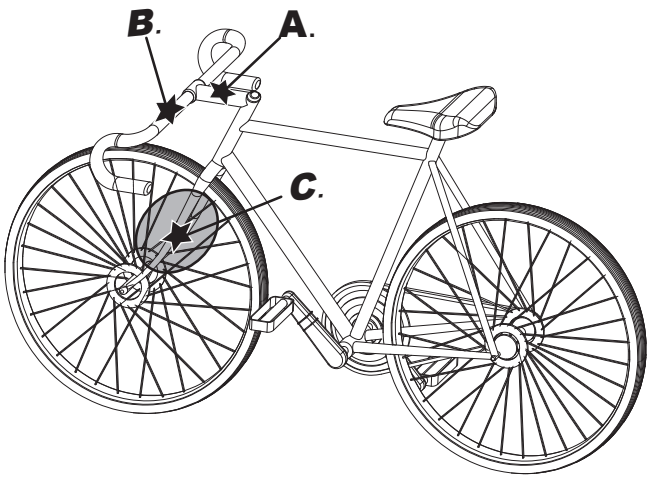
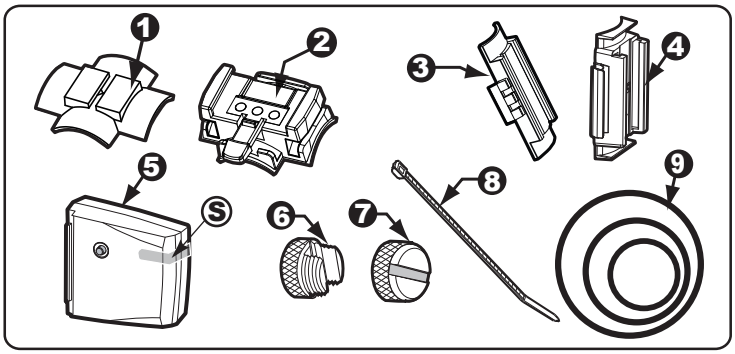
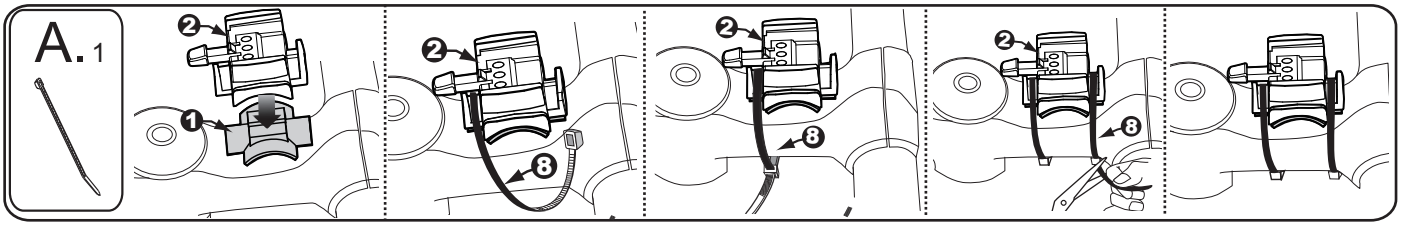
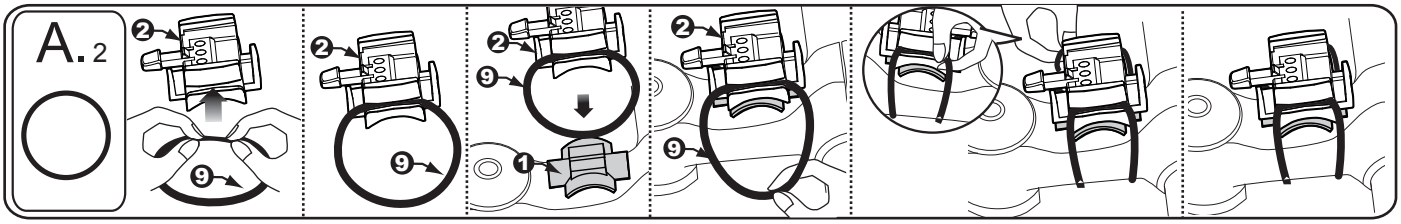
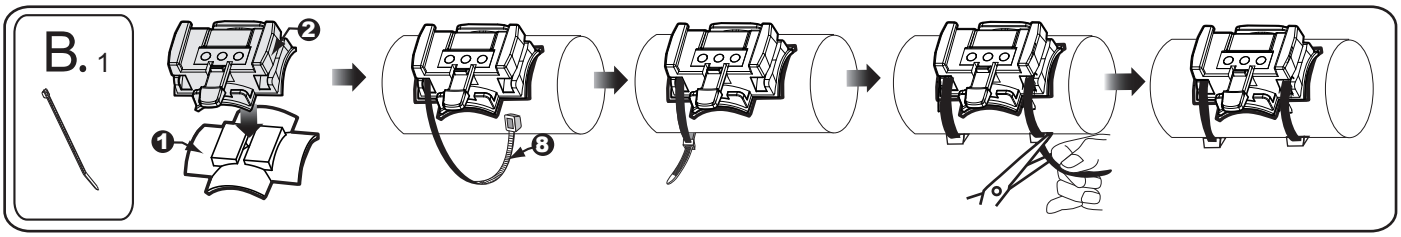
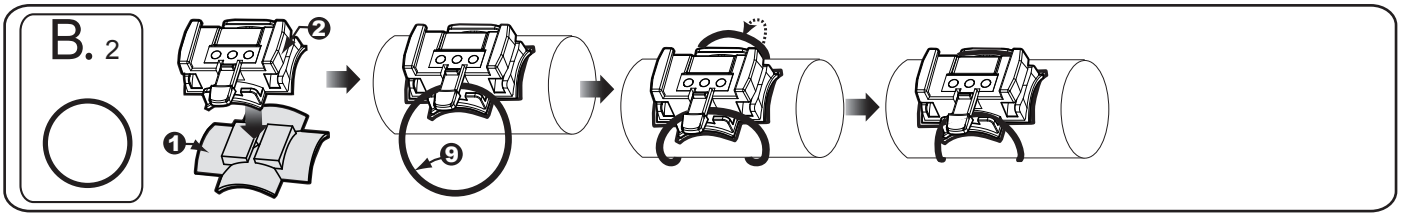


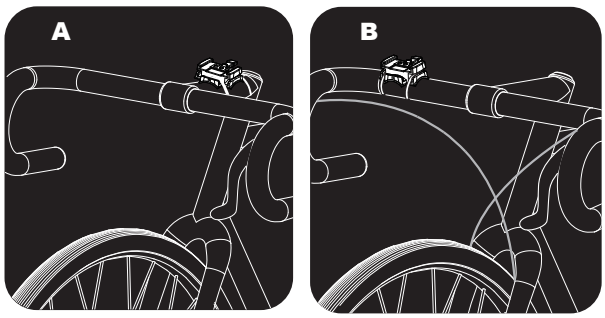



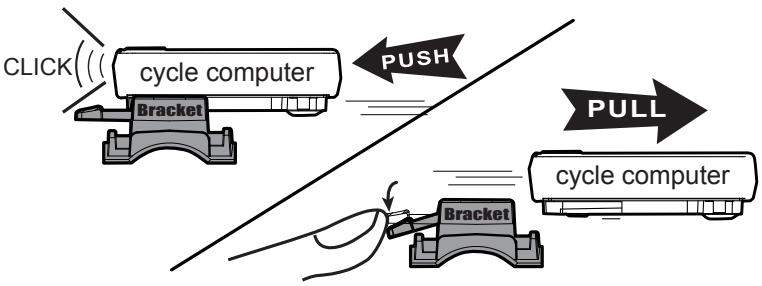



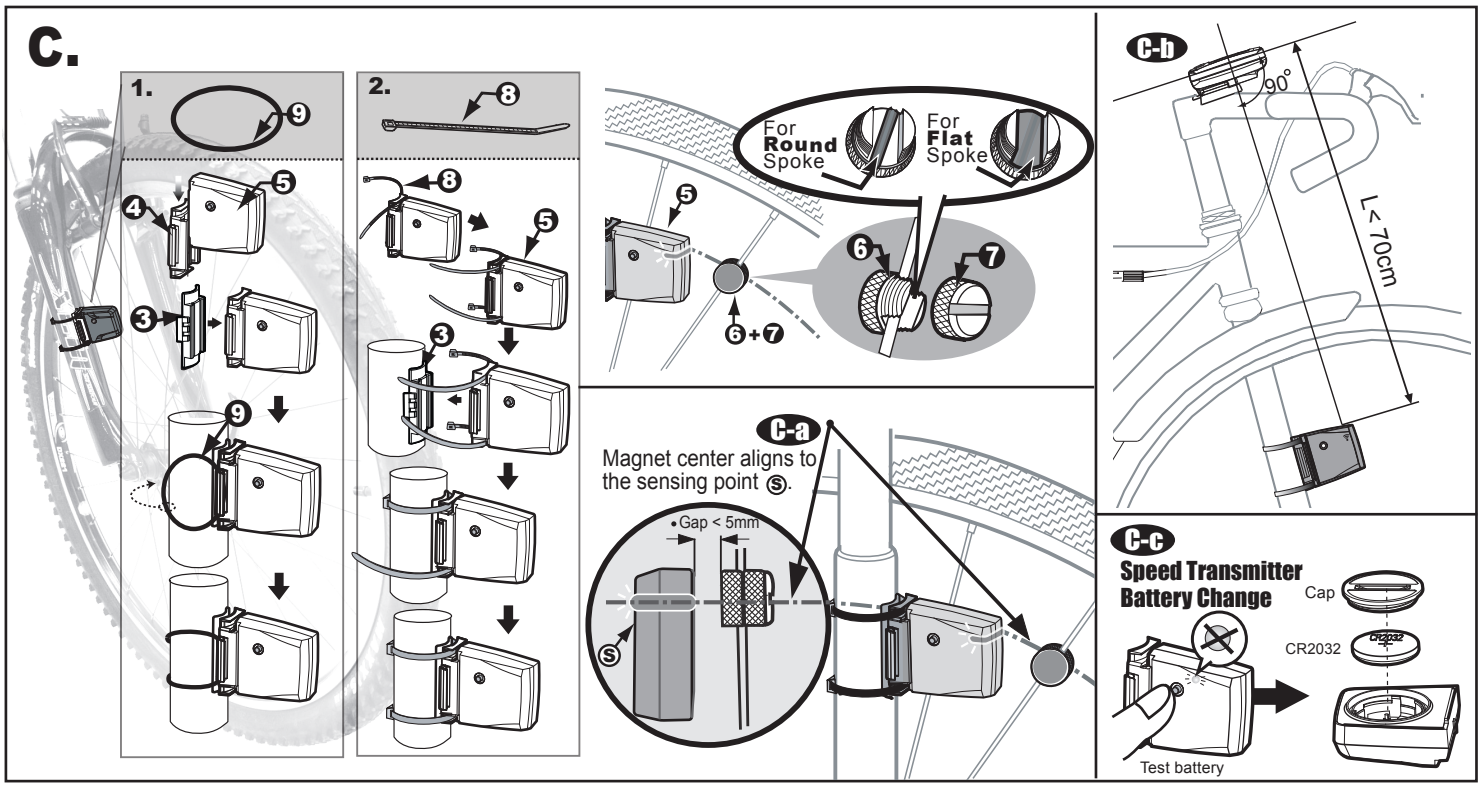



# Wireless




## C.

EN Align the center of the MAGNET ❻ to either of the sensing point Ⓢ .

JP マグネット❻ の中心を、センサー・ポイントⓈ に合わせます。

CH 磁鐵座 ❻ 中心點須調準並通過速度感測點Ⓢ 成一直線

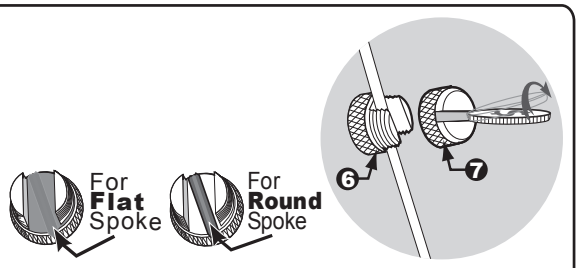
PL Wyrównaj środek MAGNESU ❻ z punktem odczytu Ⓢ.

DE Richten Sie die Mitte des Magnetenà ❻ zu einem der Sensorbereich Ⓢ aus.

FR Alignez le centre de l'AIMANT ❻ avec une des Point de capture Ⓢ .

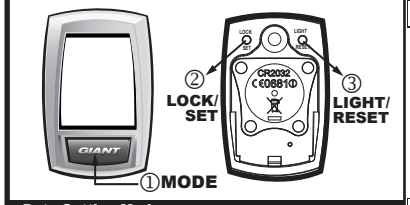
ES Alinee el centro del imán ❻ con cualquiera de las Punto sensor Ⓢ .

NL Breng het midden van de MAGNEET ❻ op een lijn met de sensorpunt Ⓢ .

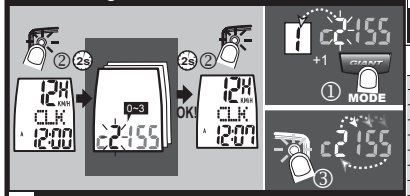



| | For flat spoke | For round spoke |
|---|---|---|
| EN | For flat spoke | For round spoke |
| JP | フラット・スポークの場合 | ラウンド・スポークの場合 |
| CH | 扁形鋼絲適用 | 圓形鋼絲適用 |
| PL | Do płaskiej szprychy | Do okrągłej szprychy |
| DE | Für flachspeichen | Für runde speichen |
| FR | Pour rayon plat | Pour rayon classique |
| ES | Para radios planos | Para radios redondos |
| NL | Voor platte spaak | Voor ronde spaak |

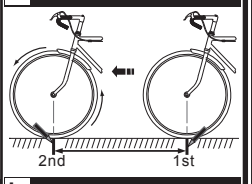
# ANACT 13W WIRELESS CYCLE COMPUTER




## Data Setting Mode



## a. WHEEL CIRCUMFERENCE

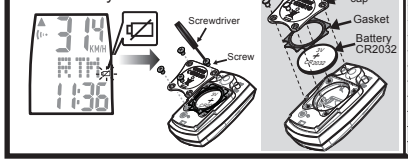



## b. POPULAR TIRES CIRCUMFERENCE REFERENCE TABLE

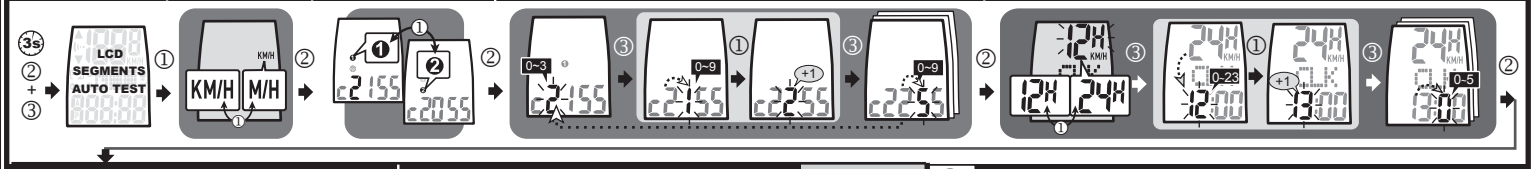
| Tire Size | Circumference Nunber |
|---|---|
| 18 Inch | 1436 mm |
| 20 Inch | 1596 |
| 22 Inch | 1759 |
| 24x1.75 | 1888 |
| 24 Inch | 1916 |
| 24x 1 3/8 | 1942 |
| 26x1.40 | 1995 |
| 26x1.50 | 2030 |
| 26x1.75 | 2045 |
| 26x1.95 | 2099 |
| 26x2.1 | 2133 |
| 700C TUBULAR | 2117 |
| 700x20C | 2092 |
| 700x23C | 2112 |
| 700x25C | 2124 |
| 700x28C | 2136 |
| 700x32C | 2155 |
| 700x35C | 2164 |
| 700x38C | 2174 |
| 27.5 Inch | 2193 |
| 28 Inch (700B) | 2234 |
| 28.6 Inch | 2281 |

## c. BATTERY CHANGE

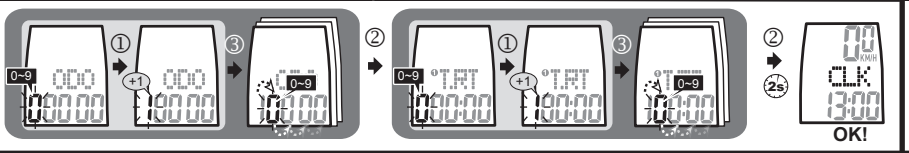
Low battery indicator



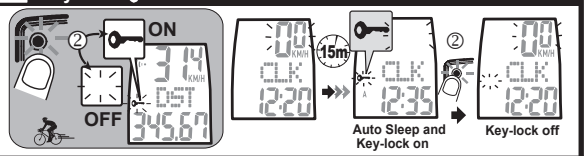

## 1 ALL CLEAR | UNIT SELECTION | BIKE 1, BIKE 2 SETTING | CIRCUMFERENCE SETTING | CLOCK SETTING



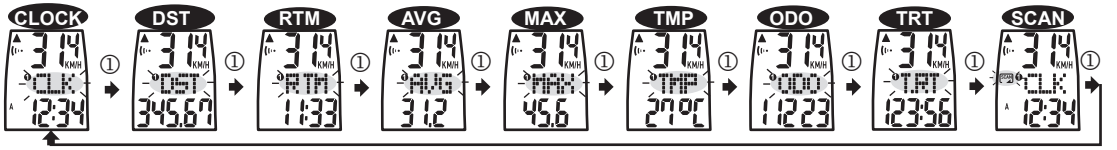

## ODO SETTING | TRT SETTING | END SETTING



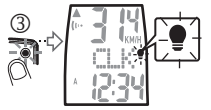

## 2 Key-lock



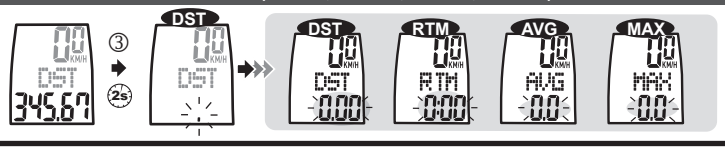

## 3



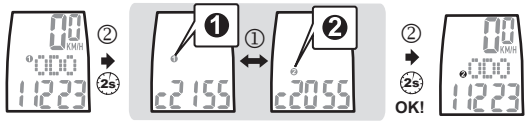

## 5 EL Back-light



## 4 RESET OPERATION (DST=0, RTM=0, AVG=0, MAX=0)




## 6 Bike 1 or Bike 2




# English

## MAIN UNIT SETUP (Fig. 1)

**PROGRAM THE COMPUTER (ALL CLEAR)**

1. A battery is already loaded in the main unit when purchased.
2. Hold down the SET button ② and RESET button ③ simultaneously for more than 3 seconds to program the computer and clear all data. ***IMPORTANT: Be sure to program the computer before it is be used, otherwise the computer may run errors.***
3. The LCD segments will be tested automatically after the unit is programmed.
4. Press MODE button ① to stop LCD test, then the flickering "KM/H".

**UNIT SELECTION**

Press MODE button ① to choose KM/H or M/H. Then press the SET button ② to store selection.

**WHEEL CIRCUMFERENCE**

1. Roll the wheel until the valve stem at its lowest point close to the ground, then mark this first point on the ground. **(Fig. a)**
2. Get on the bike and have a helper push you until the valve stem returns to its lowest point. Mark the second point on the ground. (Sitting on the bike achieves a more accurate reading since the weight of the rider slightly changes the wheel circumference).
3. Measure the distance between the marks in millimeters. Enter this value to set the wheel circumference. ***Option: Get a suitable circumference value from the table.*** **(Fig. b)**
4. Adjust the wheel circumference as the data setting process.
5. Unit will change to the normal operation after this circumference setting.

## FUNCTIONS (Fig. 3)

**(( ·: Current Speed** 0.0–199.9Km/h (120.0 Mile/h), 0.1Km/h (Mile/h), +/- 1%
The current speed is always displayed on the upper set when riding. It displays current speed up to 199.9 Km/h or 120.0 Mile/h (for wheel diameters over 24 inches).

**CLK:** 12HR or 24HR Clock 1H00M–12H59M or 0H00M–23H59M, 1 Minute, +/- 0.3%
It can display the current time either in 12HR or 24HR clock.

**DST:** Trip Distance 0.00–999.99Km (Miles), 0.01Km (Mile), +/- 0.01%
The DST function accumulates the distance data from the last RESET operation as long as the bike is being ridden.

**RTM:** Riding Time 0M00S-59M59S, 1 Second, 0H00M-99H59M, 1 Minute, +/- 0.03%
1. The RTM totals the riding time from the last RESET operation.
2. It displays in 1 second increments when RTM is less than 1 hour and changes to 1 Minute increments after 1 hour. It will restart from zero after 100 hours.

**AVG:** Average Speed 0.0–199.9Km/h (120.0Mile/h), 0.1Km/h (Mile/h), +/- 0.1%
1. It is calculated from the DST divided by the RTM. The average data counted is from the last RESET to current point.
2. It will display "0.0" when RTM is less than 4 seconds.
3. It is updated about one second when RTM is over 4 seconds.

**MAX:** Maximum Speed 0.0–199.9Km/h (120.0Mile/h), 0.1Km/h (Mile/h), +/- 1%
It shows the highest speed from the last RESET operation.

**TMP:** Current Temperature °C / °F -10°C ~ 60°C (14°F ~ 140°F)

**ODO:** Odometer 0-99999Km (Miles), 1Km (Miles), ± 0.1%
The ODO accumulates total distance as long as the bicycle is running, the ODO data can be cleared by the All Clear operation only.

**ODO1, ODO2:** Bike1 odometer, Bike2 odometer 0.0–99999.9 Km (Miles), 0.1Km (Mile), +/- 0.1%
1. The odometer cumulates the total distance as long as the bike is running.
2. This computer design has 2 wheel circumference memories to calculate data for 2 bikes. The odometer is separated for each bike.
3. It displays one ODO data only when the bike is selected in the current status.

**T.RT:** Total Riding Time 0H00M-999H59M, 1 Minute, +/- 0.003%
The T.RT totals the riding time from the last ALL CLEAR operation.

**SCAN : SCAN**
1. Auto-Scanning Display Mode.
Press the MODE button ① till the SCAN symbol is displayed. The computer will change the display modes in a loop sequence automatically every 5 seconds.
2. Fixed Display Mode.
Press the MODE button ① to turn off the SCAN symbol and select a desired display mode; the computer will stop the auto-scanning display operation.

**▲ / ▼ : Speed Pacer**
It flashes the ▲ speed pacer arrow while the current speed is higher than the average speed and the down arrow ▼ flickers conversely.

## BUTTON AND OPERATIONS

**MODE BUTTON ①**
Quickly press this button to move in a loop sequence from one function screen to another.

**LOCK/SET BUTTON ②**
Hold down this button 2 seconds to get in or out the setting screens when you want to reset to bike, or the current time of the CLK.

**LIGHT/RESET BUTTON ③**
1. Light for 4 seconds after each press. *(Fig. 5)*
2. The symbol " " will apper to indicate the EL back-light functuon is at working status.
3. Hold down the "RESET" button ③ till the LCD digit is blank, then release it.
The computer will RESET the DST, RTM, AVG, MAX.

**CLOCK SETTING**
1. Change the LCD display to CLK screen.
2. Press the SET button ② to enter the clock adjusting screen to setting the clock.
3. A quick press of the MODE button ① to select 12HR or 24HR.
4. Adjust the clock data as the data setting procedures.

**RESET OPERATION (Fig. 4)**
1. Hold down the RESET button ③ till the LCD screen is blank, then release it. The computer will reset AVG, DST, RTM and MAX data from stored values to zero.
2. It cannot reset ODO, T.RT, CLK.

**AUTOMATIC START/STOP**
1. The computer will automatically begin counting data upon riding and stop counting data when riding is stopped.
2. The flickering symbol "(( ·" indicates that the computer is at start status.

**KEY-LOCK (Fig. 2)**
To protect you computer, you may can press the lock button to lock the MODE button ①. Whenever you press the lock button, the functions of the MODE button ① will be disabled. You may can unlock the MODE button ① by pressing the lock button ② again.

**AUTO SLEEP MODE**
To preserve battery, this computer will automatically switch to sleep mode and just displays the CLK data when it has not been used for about 15 minutes. The power will be turned on by pressing the SET button ②.

**LOW BATTERY INDICATOR**
1. The symbol " " will appear to indicate the battery is nearly exhausted.
2. Replace battery with a new one within a few days after the symbol was appeared, otherwise the stored data may be lost when the battery voltage is too low.

**BATTERY CHANGE (Fig. c)**
1. All data will be cleared when battery is replaced.
2. This computer allows you to re-key in data of ODO which you have had rode after replacing battery.
3. Keep record the ODO and T.RT data before you remove the old battery.
4. Replace with a new CR2032 battery in the compartment on the back of the computer with the positive (+) pole toward the battery cap.
5. Program the main unit again.

**PRECAUTIONS**
1. Do not leave the main unit exposed to direct sunlight when you don't ride the bike.
2. Do not try to disassemble the main unit or its accessories.
3. Check relative position between sensor, magnet and main unit periodically.
4. Don't use thinner, alcohol or benzine to clean the main unit or its accessories when they become dirty.
5. Remember to pay attention to the road while riding.

**TROUBLE SHOOTING** Check the following before taking unit in for repairs.

| PROBLEM | CHECK ITEMS | REMEDY |
|---|---|---|
| Main unit No display | 1. Is the battery dead?<br>2. Is there incorrect battery installation? | 1. Replace the battery.<br>2. Be sure that the positive pole of the battery is facing the battery cap. |
| No current speed or<br>Incorrect data | 1. Is it at the MAIN UNIT SETUP or another setting screen?<br>2. Are the relative positions and gap between sensor and magnet correct?<br>3. Is the circumference correct?<br>4. Is the sensing distance too long or the installation angle of the sensor incorrect?<br>5. Is the sensor battery nearly exhausted?<br>6. Is any strong interference source nearby? | 1. Refer to the setting procedure and complete the adjustment.<br>2. Refer to **Installation**(**Fig**.**C-a**.)and re-adjust position and gap correctly.<br>3. Refer to "Circumference Setting" and enter correct value.<br>4. Refer to **Installation**(**Fig.C-b**.)adjust distance or angle between the main unit and the sensor.<br>5. Replace with a new battery.<br>6. Move away from the source of interference. |
| Irregular display | | Refer to the "Main Unit Setup" and initiate the computer again. |
| LCD is black | Did you leave main unit under direct sunlight when not riding the bike for a long period of time? | Place main unit in the shade to return to normal state.<br>No adverse effect on data. |
| Display is slow | Is the temperature below 0°C (32°F)? | Unit will return to normal state when the temperature rises. |

**Sensor:** No Contact Magnetic Sensor.
**Battery Type:** 3.0V Battery X 1 (Typical No. CR2032)
**Battery Operating Life:** CR2032 in Main Unit About one year
(based on the average riding time of 1.5 hours per day)
CR2032 in Speed Transmitter Around 24000km
**Dimensions/Weight:** 34 x 52 x 15 mm / 21g
**Wheel Circumference Setting:** 1mm - 3999mm (1mm increment)
**Operation Temperature:** 0°C ~ 50°C (32°F ~ 122°F)
**Storage Temperature:** -10°C ~ 60°C (14°F ~ 140°F)