

# BI ExacuTrack<sup>®</sup> One



## QUICK INSTALLATION GUIDE

BI ExacuTrack® One Quick Installation Guide  
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FAX 765-649-3148



#### **Waste Electrical and Electronic Equipment (WEEE)**

All electrical products that reach the duration of their functioning capabilities must be returned to BI Incorporated for recycling.

# CLEANING & STORAGE

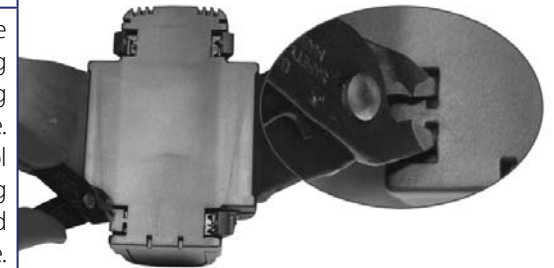
After removing the tracking unit from the client's ankle, clean the unit by wiping the case with a soft cloth. You can use Lysol as a disinfectant if needed. Do not use Pinesol or any cleaning products containing pine oil, as these solvents may damage the plastic body. Store the tracking unit in its original shipping case. As an alternative, you can clean the tracking unit in a standard dishwasher.

# CONTENTS

Introduction .....	3
Parts .....	4
Assembling .....	5
Sizing .....	8
Attaching .....	10
Confirmation .....	12
Removal/Battery Replacement .....	13
Cleaning & Storage .....	16

### Step 4

If you are replacing the battery, insert your cutting tool into each locking mechanism on the backplate. Squeeze your cutting tool to disengage the locking mechanisms. Remove and discard the backplate.



### Step 5

Using a standard screwdriver, turn the battery hatch counter-clockwise to the unlocked position, and remove the battery hatch.



Locked

Unlocked

### Step 6

Remove the battery from the battery well.

To install a new battery, follow steps 1 and 2 under "To assemble the tracking unit" on page 5.



## To Remove the Tracking Unit: Steps 1-6 >

**WARNING!** Do NOT cut the strap to remove the tracking unit from the client's ankle.

<p><b>Step 1</b></p> <p>While the tracking unit is still on the client's ankle, insert a screwdriver into the notched grooves on the locking pins. Turn the screwdriver counter-clockwise until the hinge assembly is released. You must complete this step for both locking pins on each side of the hinge assembly. Discard the locking pins.</p>	
<p><b>Step 2</b></p> <p>Pull firmly on the fixed strap to release the fiber-optic connector from the hinge post.</p>	 <p>Fiber-Optic Connector</p>
<p><b>Step 3</b></p> <p>Remove the hinge assembly from the adjustable strap. Clean the hinge assembly with Lysol or similar product, and store the assembly for reuse.</p>	 <p>Hinge Assembly</p>

## INTRODUCTION

The ExacuTrack One tracking unit is a GPS device secured around the client's ankle. This device includes the following features:

- GPS Receiver
- AFLT Location Technology
- Assisted GPS Technology
- RF Receiver

Use this guide to properly install the tracking unit on your client's ankle. For detailed information about this product, see the *BI ExacuTrack One Officer's Reference Guide*.

## INSTALLATION

The installation process for the ExacuTrack One tracking unit involves three separate steps:

- Assembling the tracking unit
- Sizing for proper fit
- Attaching the tracking unit to the client

You will need both a standard and Phillips screwdriver to complete the installation. Discard the locking pins after each use, and discard the backplate after each battery replacement; locking pins and backplates are available by order from BI Incorporated. All other supplies - **including the straps** - are reusable and should not be discarded. Keep in mind that the battery should be replaced after 2 years of continuous use.



# CONFIRMATION

## SELF-TEST

After installation, the tracking unit initiates a series of self-tests to make sure the system is functioning properly. These tests only last approximately 3 seconds.

## STATUS MONITORING

After successful completion of the self-test, the tracking unit initiates location acquisition and checks for cellular service availability. During this period, the tracking unit also monitors battery and tamper status. If using a beacon, the tracking unit will search for the beacon's signal, which is transmitted every 10-13 seconds.

## HOST COMMUNICATION

While continuing to monitor equipment status, the tracking unit calls the central monitoring computer to download configuration data. During this communication with the central monitoring computer, the tracking unit reports a successful installation. The following messages will appear in the system software when the tracking unit is successfully installed:

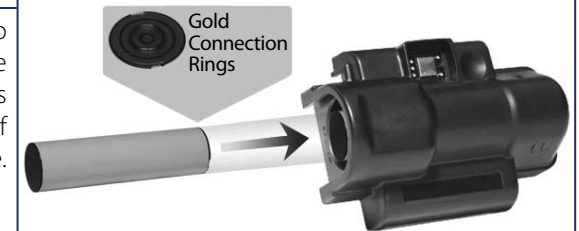
- Tracker Restart
- Tracker Battery Restore
- Tracker Tamper Restore

# ASSEMBLING: STEPS 1-10

## To Assemble the Tracking Unit >

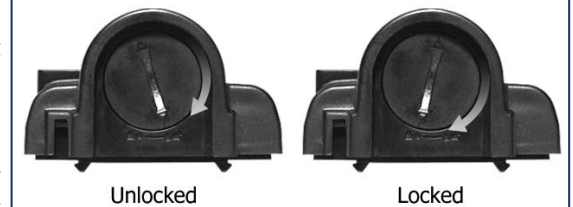
### Step 1

Insert the battery into the battery well with the gold connection rings facing toward the top of the unit case.



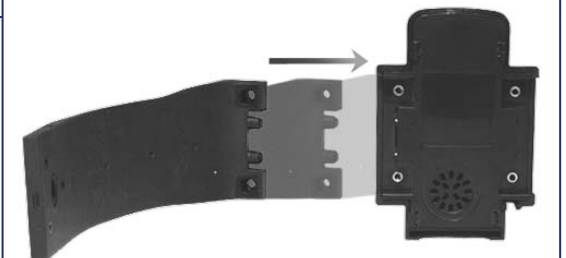
### Step 2

Position one of the battery hatch alignment arrows toward the unlocked position. Using a screwdriver, apply force while turning the battery hatch clockwise until it reaches the locked position.



### Step 3

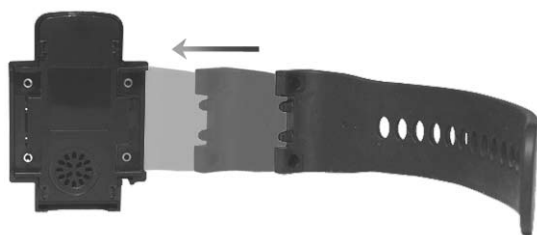
Slide the fixed strap into the fiber-optic connection bay opposite of the charging port.



## To Assemble the Tracking Unit (cont.) >

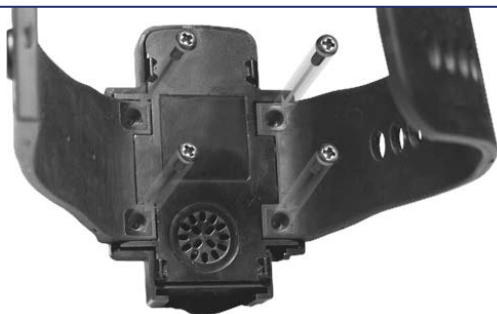
### Step 4

Slide the adjustable strap into the other fiber-optic connection bay.



### Step 5

Using a Phillips screwdriver, secure the straps to the unit case with the provided screws. Place one screw in each strap hole, and turn each screw clockwise until you feel resistance.



### Step 6

Slide the end of the charging port cover into the slot on the bottom of the unit case.



### Step 7

Insert the charging port cover into the charging port on the front of the unit case.



### Step 3

Close the hinge assembly around the straps until the locking holes are aligned.



### Step 4

Slide the joint pin through the locking holes until it is flush with both hinges.





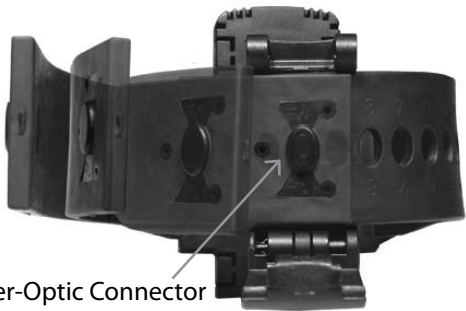
# ATTACHING: STEPS 1-4

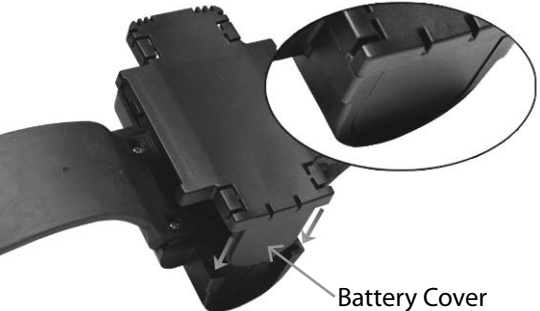
When attaching the tracking unit to the client, keep the following requirements in mind:


- The strap sizing numbers must face outward (away from the leg).
- The tracking unit must be in the upright position.

## To Attach the Tracking Unit >

<p><b>Step 1</b></p> <p>Wrap the tracking unit around the client's ankle as you did in step 1 of the previous section.</p>	
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<p><b>Step 2</b></p> <p>Align the hinge post with the fiber-optic connector on the fixed strap. Press firmly on the fixed strap to hold both straps in place.</p>	 <p>Fiber-Optic Connector</p>
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<p><b>Step 8</b></p> <p>Connect the backplate to the back of the unit case, ensuring the battery cover slides into the groove on the bottom of the unit case. You will hear a distinct click when the backplate is properly attached.</p>	 <p>Battery Cover</p>
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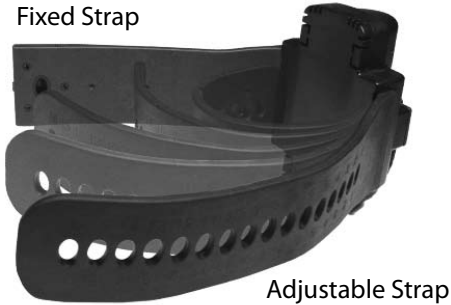
<p><b>Step 9</b></p> <p>Place the unit upright on a level, non-metallic surface. Plug the power supply into a wall outlet, and plug the magnetic power adapter into the charging port. Wait for an audible tone (approximately 20 seconds). Once this tone occurs, unplug the magnetic power adapter. If all three LEDs begin flashing, charge the unit for a few minutes, and wait for the tone. If you do not hear an audible tone, reinstall the battery and a new backplate, and repeat this process.</p>	
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<p><b>Step 10</b></p> <p>Assemble the male and female hinges using the locking pins. Pressing firmly, insert a locking pin into both sides of the hinge assembly. The wing-tipped ends of the locking pins must be inserted first. This piece is now referred to as the hinge assembly.</p>	 <p>Side 1      Side 2</p>
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# SIZING: STEPS 1-4

Size the tracking unit while the client is standing. The tracking unit must be installed on the narrowest part of the bare ankle. When properly installed, the tracking unit should meet resistance when rotated around the front and back side of the ankle.

## To Size the Tracking Unit >

<b>Step 1</b>	<b>Fixed Strap</b>  <b>Adjustable Strap</b>
Wrap the adjustable strap around the client's ankle and under the fixed strap.	

<b>Step 2</b>	
Wrap the fixed strap around the client's ankle and over the adjustable strap.	

<b>Step 3</b>	 <b>Sizing Number</b>
Note the sizing number on the adjustable strap that is closest to the fixed strap.	

<b>Step 4</b>	 <b>Post</b>
Remove the unit from the client's ankle. Slide the post on the hinge assembly into the sizing hole numbered three more than the number you noted in step 3. For example, if you noted the strap sizing number 7 in step 3, you will slide the hinge post into the strap hole numbered 10.	

# FCC NOTICES

1. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
2. This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.
3. THIS DEVICE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIOWAVES. This ankle device is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio-frequency (RF) energy. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. These guidelines include a substantial safety margin designed to ensure the safety of all persons, regardless of age and health. The exposure standard for this ankle bracelet employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by public authorities such as the Federal Communications Commission of the US Government (FCC), or by Industry Canada, is 4 W/kg averaged over 10 gram of body tissue. Tests for SAR are conducted using standard operating positions with the transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the ankle bracelet while operating can be well below the maximum value. This is because the ankle bracelet is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output of the ankle .
4. IC Manual requirements  
This Class B \* digital apparatus complies with Canadian ICES-003.