Manuals+ — User Manuals Simplified.

GARMIN 2-010-12845-00 Speed Sensor and Cadence Sensor Owner's Manual

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Contents

Speed Sensor and Cadence Sensor Instructions

WARNING

See the Important Safety and Product Information guide in the product box for product warnings and other important information.

Installing the Speed Sensor

NOTE: If you do not have this sensor, you can skip this task.
TIP: Garmin® recommends you secure your bike on a stand while installing the sensor.

1. Place and hold the speed sensor on top of the wheel hub.
2. Pull the strap **(1)** around the wheel hub, and attach it to the hook **(2)** on the sensor.
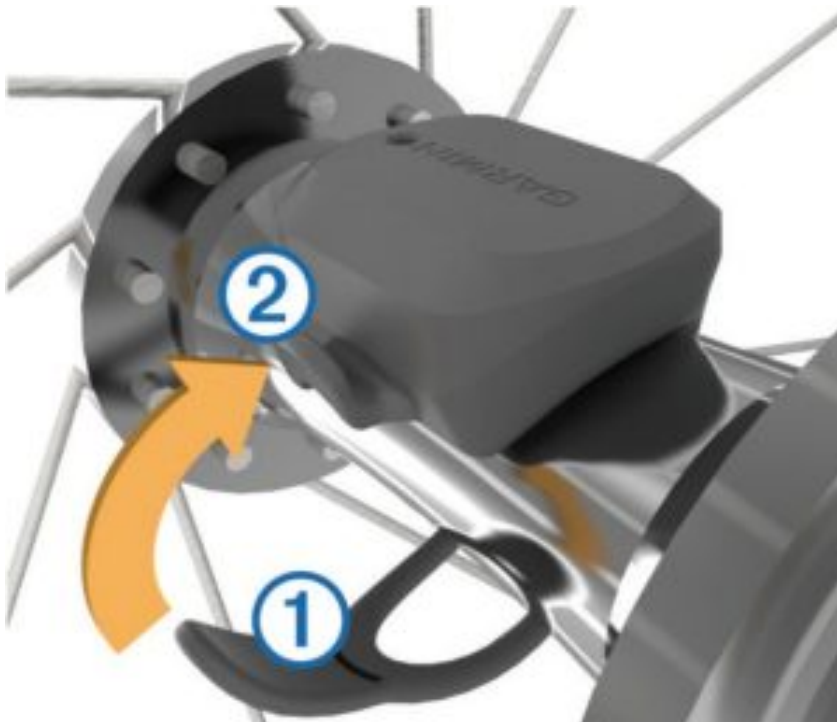
   The sensor may be tilted when installed on an asymmetrical hub. This does not affect operation.
3. Rotate the wheel to check for clearance.

   The sensor should not contact other parts of your bike.

   NOTE: The LED flashes green for five seconds to indicate activity after two revolutions.

Installing the Cadence Sensor

NOTE: If you do not have this sensor, you can skip this task.
**TIP:** Garmin recommends you secure your bike on a stand while installing the sensor.

1. Select the band size that fits your crank arm securely.

   The band you select should be the smallest one that stretches across the crank arm.
2. On the non-drive side, place and hold the flat side of the cadence sensor on the inside of the crank arm.
3. Pull the bands around the crank arm, and attach them to the hooks on the sensor.
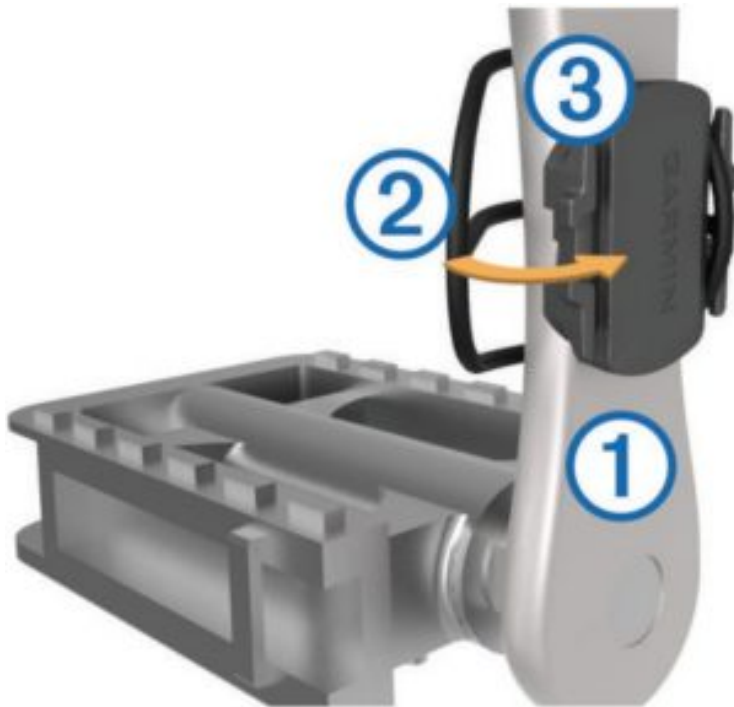
4. Rotate the crank arm to check for clearance.

   The sensor and bands should not contact any part of your bike or shoe.

   NOTE: The LED flashes green for five seconds to indicate activity after two revolutions.
5. Take a 15 minute test ride and inspect the sensor and bands to ensure there is no evidence of damage.

Pairing the Sensors with Your Device

Pairing is the process of connecting an ANT+® wireless sensor, like your speed sensor or cadence sensor, with a Garmin ANT+ compatible device.

NOTE: The pairing instructions differ for each Garmin compatible device. See your owner's manual.

- Bring the Garmin compatible device within 3 m of the ANT+ sensor.
- Stay 10 m away from other ANT+ sensors while pairing.

After you pair the first time, your Garmin compatible device automatically recognizes the ANT+ sensor each time it is activated.

User Replaceable Batteries

WARNING

- Do not use a sharp object to remove batteries.
- Keep the battery away from children.
- Never put batteries in mouth. If swallowed, contact your physician or local poison control center.
- Replaceable coin cell batteries may contain perchlorate material. Special handling may apply. See **www.dtsc.ca.gov/hazardouswaste/perchlorate**

CAUTION

Contact your local waste disposal department to properly recycle the batteries.

Replacing the Speed Sensor or Cadence Sensor Battery

The LED flashes red to indicate a low battery level after two revolutions.

1. Locate the circular battery cover **(1)** on the back of the sensor.

2. Twist the cover counter-clockwise until the marker points to unlocked and the cover is loose enough to remove.
3. Remove the cover and the battery **(2)** .
   TIP: You can use a piece of tape **(3)** or a magnet to remove the battery from the cover.

4. Wait 30 seconds.

5. Insert the new battery into the cover, observing polarity.

   NOTE: Do not damage or lose the O-ring gasket.
6. Twist the cover clockwise until the marker points to locked.

   NOTE: The LED flashes red and green for a few seconds after battery replacement. When the LED flashes green and then stops flashing, the device is active and ready to send data.

Limited Warranty

The Garmin standard limited warranty applies to this accessory.
For more information, go to **www.garmin.com/support/warranty.html**.

Speed Sensor and Cadence Sensor Specifications

Battery type	User-replaceable CR2032, 3 V
Battery life	Approximately 12 months (1 hour per day)
Operating temperature range	From -20º to 60ºC (from -4º to 140ºF)
Wireless frequency/ protocol	2.4 GHz ANT+ wireless communications protocol
Water rating	1 ATM[1]

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Documents / Resources

SPEED SENSOR AND CADENCE SENSOR INSTRUCTIONS
Owner's Manual

GARMIN 2-010-12845-00 Speed Sensor and Cadence Sensor [pdf] Owner's Manual
2-010-12845-00, Speed Sensor, and Cadence Sensor