

Replacing Batteries in the DBRF15-01 Wireless sensors



Wireless Sensors (DBRF 15-01)

Part 1: Definition:

STC: The traffic collector box. It is usually located at the cash wrap or in the back store. See picture above

Sensors: Consists of one receiver and one transmitter. Refer to Wireless Sensors picture above.

Receiver: The sensor that has a small LCD screen on the side. This one receives the infra-red beam from the transmitter. The LCD will only light up for about 10 seconds when you press the button.

Transmitter: The sensor that does not have a LCD screen. This sensor generates a beam that is captured by the receiver. When the beam is broken, a count is generated.

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Part 2: How to remove the sensor from its holder.

2 Scenarios:

Sensor with small screw on top:

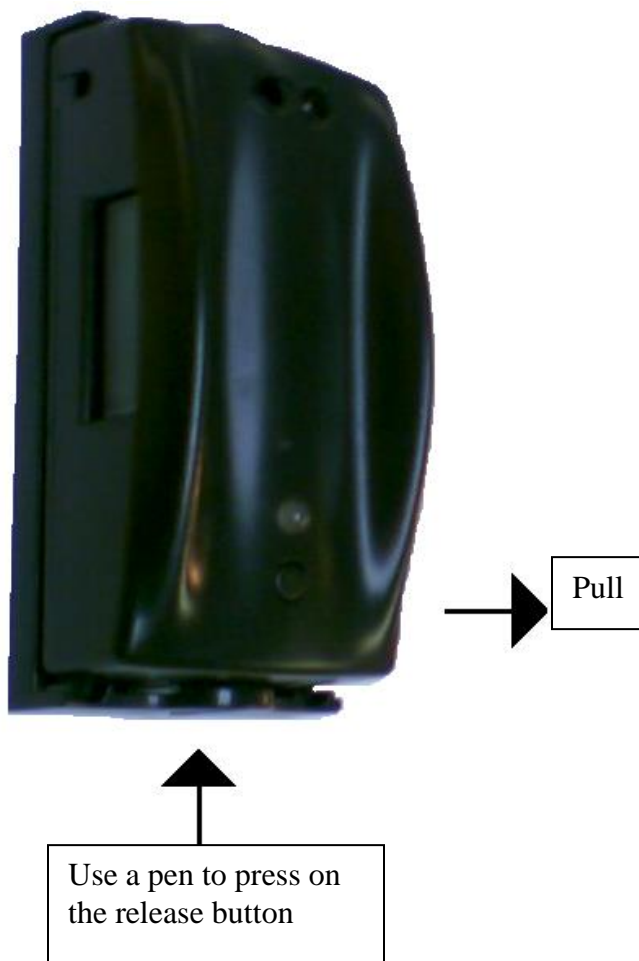
- Both the receiver and the transmitter come with a holder. To remove the actual unit from the holder you need to remove the set screw with a screw driver. The set screw prevents the sensor from being removed from the holder. Remember to replace the set screw to lock the sensor into the holder. To remove the sensor from the holder, remove the set screw, then hold the unit in one hand and press on the top release pad and then pull the sensor from the holder.



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Sensor without the small screw:

- Both the receiver and the transmitter come with a holder. To remove the actual unit from the holder you need to use a pen or another small tool and press through the opening at the bottom. While doing so, hold each side of the sensor and just pull the sensor out of its holder.



Part 3: Swapping the batteries

- Remove both sensors from their holders (see Part 4 of this document).
- Verify that the new batteries are 3.6V Lithiums.
- Install new batteries in both sensors. Make sure the battery is installed in the correct position (+ and -).
- Put the small switch (next to the battery) back to the middle and then back to its original position.
- Re-install the sensors as they were. *** If the sensors were originally in the side firing position, they must be placed back exactly the same way.



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Part 4: Verification

1. Press the button on the transmitter; make sure the light turns green.
2. Press the button on the receiver; make sure the light turns green and that the screen turns ON.
3. The screen will only stay on for 10 seconds to save power. The sensor is still functional when the screen is OFF.
4. While the screen is on, check if the counts are going up when you pass through them.
5. This completes the verification.

For any other problems, please contact your help desk.