

Installing Battery Kit (M09680K002) in uNR-F, uNR-B, and uNR-T Micro Nozzle Readers

This document provides instructions to install the Battery Kit (M09680K002) in uNR-F, uNR-B, and uNR-T Micro Nozzle Readers (uNRs). This Battery Kit is used for M09677B019 - M09677B030 uNRs.

Installing Battery Kit (M09680K002) in uNR-F

This section provides instructions to install the Battery Kit for the following uNRs:

- M09677B019
- M09677B020
- M09677B021
- M09677B022
- M09677B023
- M09677B025
- M09677B026

IMPORTANT INFORMATION

The Battery Kit must be installed by properly trained personnel.

CAUTION

To reduce the risk of ignition of a flammable atmosphere, batteries must only be changed in a safe, nonflammable area.

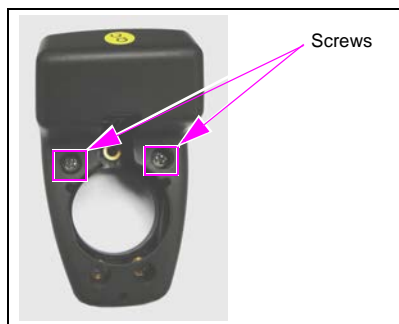
To install the Battery Kit, proceed as follows:

1 Remove the three screws that secure the nozzle reader assembly to the nozzle reader bracket. Do not remove the nozzle reader bracket.

Note: Ensure not to lose the fiber insulation washer or copper washer for the battery connection.

2 Remove the two screws that secure the back and front covers (see [Figure 1](#)) and detach the back cover.

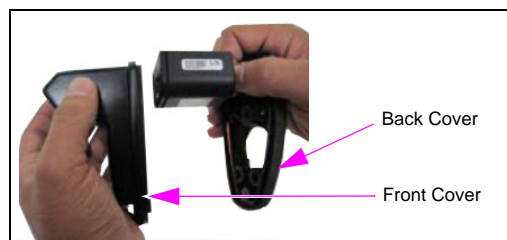
Figure 1: Detaching Back Cover



3 Carefully, pull out the uNR assembly to avoid damaging the wires (see [Figure 2](#)).

Note: Use a putty knife or flat-blade screwdriver to help loosen the cover.

Figure 2: Removing uNR Assembly



4 Release the two screws and take off the lid.

5 Slide the batteries out.

6 Slide the new M09680B137 Batteries in, following the polarity signs on the battery compartment (see [Figure 3](#)).

Note: Do not mix the old and new batteries or battery types. Use only the new M09680B137 Battery (manufacturer part number is XENO XLP-055F).

Figure 3: Replacing Batteries



7 Replace and secure the lid with the two screws.

8 Verify that the indication Light Emitting Diode (LED) blinks when the unit is tilted.

9 Insert the uNR assembly back into place.

10 Attach the front cover to the back cover, ensuring that there are no gaps.

11 Secure the back and front covers using the two screws.

12 Reattach the nozzle reader assembly to the nozzle reader bracket. Ensure to use blue Locklite® on the bottom five threads of the three screws removed in step **1**. Install the top pair of screws and tighten lightly.

13 Install the bottom battery enable screw. Ensure the copper washer covers the battery leads and the fiber washer insulates the screw from the copper washer and battery connections.

14 Tighten but do not overtighten the top two screws.

15 Tighten but do not overtighten the bottom battery enable screw.

Note: Overtightening the bottom screw could cause the fiber washer to split and short the battery leads to the fuel nozzle.

Reactivating Nozzle Reader

To reactivate the nozzle reader, proceed as follows:

Note: For more information, refer to Table 7-1 in MDE-4851 Gasboy® Fuel Point PLUS Station Equipment Manual.

1 Reprogram the nozzle reader using the wireless programmer.

2 Set Station ID, Pump Number, and Nozzle Number.

3 Select "Y" for the last programmer step for the new batteries installed.

Note: Failure to follow this process will give a nozzle reader that can be read by the programmer but will not activate a vehicle. Test an existing vehicle before leaving the site for proper operation.

Installing Battery Kit (M09680K002) in uNR-F, uNR-B, and uNR-T Micro Nozzle Readers

Installing Battery Kit (M09680K002) in uNR-B and uNR-T

This section provides instructions to install the Battery Kit for the following uNRs:

- M09677B027
- M09677B029
- M09677B030

IMPORTANT INFORMATION

The Battery Kit must be installed by properly trained personnel.

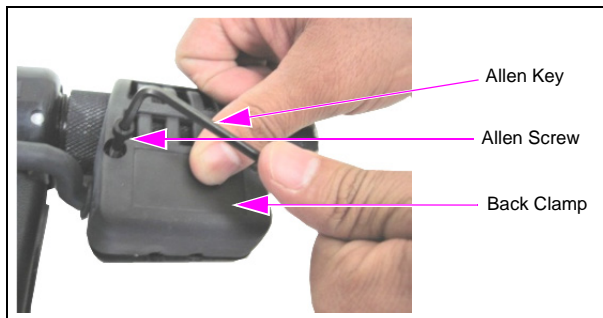
CAUTION

To reduce the risk of ignition of a flammable atmosphere, batteries must only be changed in a safe, nonflammable area.

To install the Battery Kit, proceed as follows:

- 1 Remove the two Allen® screws that secure the back clamp (see [Figure 4](#)) and open it.

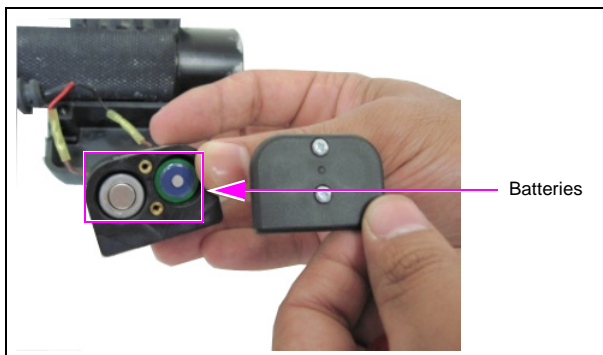
Figure 4: Opening Back Clamp



- 2 Carefully, pull out the uNR assembly to avoid damaging the wires.
- 3 Release the two Phillips® screws and take off the uNR assembly cover.
- 4 Slide the batteries out.
- 5 Slide the new M09680B137 Battery in, following the polarity signs on the battery compartment (see [Figure 5](#)).

Note: Do not mix the old and new batteries or battery types. Use only the new M09680B137 Battery (manufacturer part number is XENO XLP-055F).

Figure 5: Replacing Batteries



- 6 Replace and secure the cover with the two Phillips screws.

- 7 Verify that the indication LED blinks when the unit is tilted.

- 8 Insert the uNR assembly back into place, then close and secure the back clamp with the two Allen screws.

Reactivating Nozzle Reader

To reactivate the nozzle reader for proper use, refer to "[Reactivating Nozzle Reader](#)" on [page 1](#).

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