

## Nozzle Reader Refueling Process – User Guide

Cat No. TBD

### 1.1. SCOPE

---

This User Guide includes a general and functional description of the Wireless Nozzle Reader refueling process.

### 1.2. WIRELESS NOZZLE READER

---

The following Wireless Nozzle Reader types are presented in this User Guide:

- Regular Wireless Nozzle Reader for standard 3/4" and 1" nozzles (see Figure 1-1)
- Wireless Nozzle Reader-H for heavy duty nozzles
- Wireless Nozzle Reader-T for tankers trucks

The NR-H type (see Figure 1-3) is used for heavy duty nozzles used for refueling trucks / heavy vehicles.

The NR-T type (see Figure 1-4) is actually a NR-H type used for tanker truck; it differs only with the addition of an activation button pressed prior to the fueling process.



**Figure 1-1. Regular NR Installed on Pump**



**Figure 1-2. Refueling Process**



**Figure 1-3. NR-H Type**



**Figure 1-4. NR-T Type**

### 1.3. REFUELING INSTRUCTIONS

---

#### WARNING

1. NEVER ATTEMPT TO FUEL A VEHICLE WHILE IT IS RUNNING.
2. DO NOT REMOVE THE FILTER HOSE UNTIL THE FUEL FLOW HAS STOPPED
3. DO NOT TO TRY TO REMOVE OR TAMPER THE NR OR THE NR-H/T COILS

Use the following instructions to start the refueling.

1. Be sure all ignition sources are off.
2. Remove nozzle from the pump you have selected.
3. Connect fueling nozzle to fuel receptacle on vehicle. To do this, remove plastic cover on vehicle fuel receptacle.
4. Press nozzle trigger
5. After connection is made, you will hear a small amount of fuel flow from the hose to the vehicle tank.
6. The refueling process automatically stops when the vehicle tank is full.
7. Return the nozzle to the dispenser. Insert the nozzle into the nozzle holder the same way you connected to the vehicle receptacle.
8. Return the plastic cover to the vehicle receptacle.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

**THE FCC WANTS YOU TO KNOW:**

This equipment has been tested and found to comply with the limits of a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

**THE FCC WANTS YOU TO KNOW:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential area.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does not cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and the receiver
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician

**FCC Warning**

Modifications not expressly approved by the manufacturer responsible could void the user's authority to operate the equipment under FCC rules.