



OMNTEC
Advanced Tank Monitoring & Leak Detection



1. Open the camera app
2. Focus the camera on the QR code by gently tapping the code
3. Follow the instructions on the screen to view PDF file

OEL8000III-K-SS MMRD7-SS

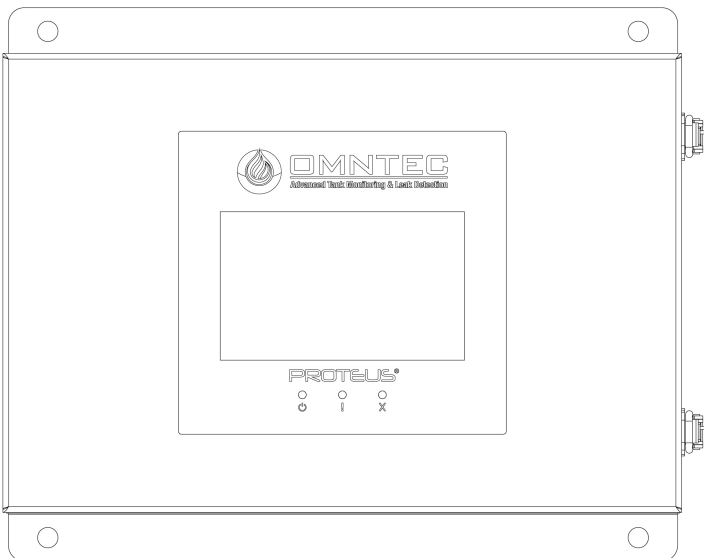
STAINLESS STEEL DOOR REPLACEMENT REMOVAL AND INSTALLATION PROCEDURES

PROTEUS® Series TANK GAUGING SYSTEM Gen IV

Revision 2640

Document No. 500213

OMNTEC Mfg., Inc. has been certified
by DQS Inc. to ISO 9001:2015



DESCRIPTION

The following instructions detail the process for replacing a front door/display for both the PROTEUS® OEL8000IIK-SS outdoor ATG and the Mini-Me™ MMRD7-SS outdoor remote display. It is imperative to follow these instructions, step by step, to ensure a successful replacement of the front door.

SAFETY

- **Do not perform any installation or service procedures until you have read and understood this entire document.**
- Always turn off power to the controller before servicing.
- Take all safety precautions to avoid accidents.
- Keep the entire work area clean.

TOOLS REQUIRED

- 8mm metric nut driver
- Needle-nose pliers

REMOVING THE ORIGINAL DOOR

1. Disconnect power to the panel.
2. Unlatch and open the front display door. With the front door open from the panel, unscrew the Ground wire nut using an 8mm metric nut driver. (Figure 1.1; red circle).

Please note; save the Ground wire nut as you will later reinstall it with the replacement door.

3. Disconnect the wide, gray ribbon cable from the door/display side as well as the MCU side. Take note of how these connectors are seated for when you reinstall later. (Figure 1.1; green circles)

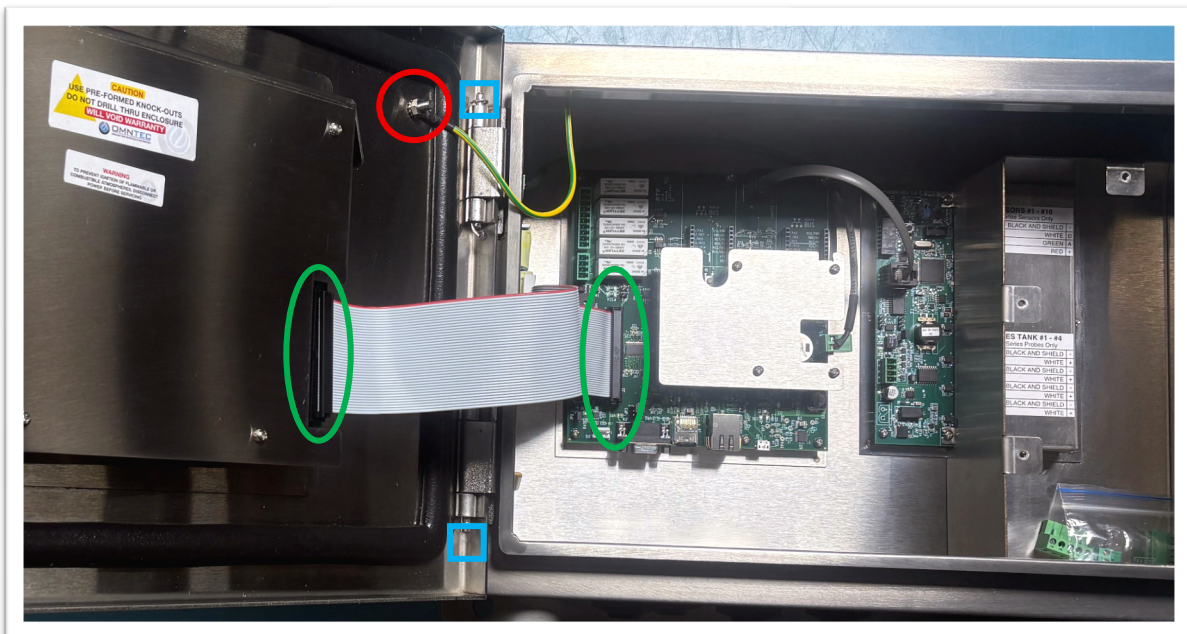


Figure 1.1

4. Carefully remove the retaining rings from the hinge pins using needle-nose pliers. (Figure 1.1; blue squares, and Figure 1.2).

Please note; there are top and bottom hinge pins. Save the retaining rings as you will later reinstall them with the replacement door.

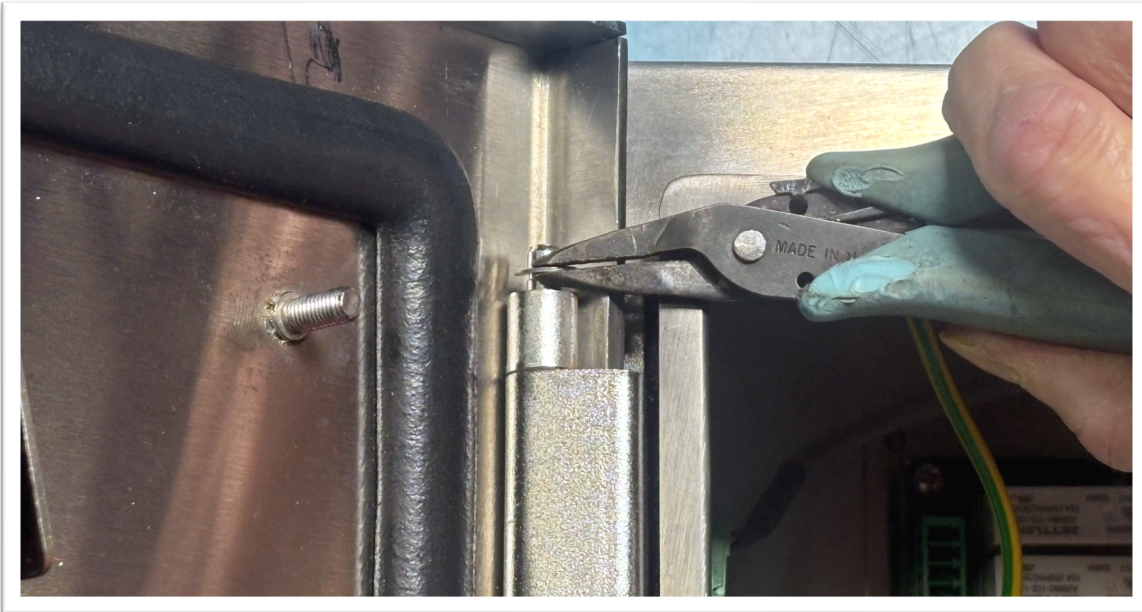


Figure 1.2

5. Slightly lift and support the door to allow easier removal of the hinge pins using needle-nose pliers. First, remove the top hinge pin; pull it downward. Then, remove the bottom hinge pin; pull it upward. (Figure 1.3)

Please note; it is important to maintain support for the door during and after the removal of the bottom hinge pin. Do not let the door drop.

Note the removal process of these pins as they are reinstalled later in the same manner.

6. Now that the door is disconnected from its hinges, carefully slide it to the left while the door is at a 90-degree vertical angle to the panel. The door is now free from the panel.



Figure 1.3

ATTACHING THE NEW REPLACEMENT DOOR

Attaching the new replacement door is simply a reverse process of the steps during the removal of the original door. You will use the original hinge pins, their retaining rings, and the Ground wire nut mentioned in the removal process.

1. Position the new replacement door on the two hinges. Maintain support of the door while aligning with the top hinge first.
2. Insert a hinge pin into the top hinge going upwards from the bottom of that hinge.
3. Insert the second hinge pin into the bottom hinge from the top of that hinge.
4. Make certain both hinge pins are pushed all the way in to place. Once you confirm this, the new replacement door is now supported by the hinges.
5. Insert and snap the retaining rings into the grooved notches of the hinge pins using the needle-nose pliers, locking the retaining rings. Locking the retaining rings in place will lock the hinge pins in place.
6. Reconnect the Ground wire and Ground wire nut.
7. Reconnect the new gray ribbon cable (supplied and installed with the new replacement door) to the MCU board. You may discard the old ribbon cable.
8. Reconnect power and energize the panel.