Wireless TRACcess® Interface (WTI) Retrofit
Installation Instructions

Introduction

These instructions are applicable to the Wireless TRACcess Interface (WTI) installation and the Surface Mount installation. Read these instructions before replacing the bezel interface with the wireless interface. If the interface is not mounted accurately, it will not function properly. Supra will not be responsible for replacing the interface if it is damaged or destroyed upon removal.

Hardware Provided

- Surface Mount Drill template (P/N 10103323P1)
- WTI Drill template (P/N 43336)
- Exterior WTI interface plate
- Two (2) sets of four (4) #8 flathead screws (two different screw lengths for the mounting plate)
- Four (4) #8 × 5/16 in. pan-head screws and lock washers (for electronics enclosure)
- Six (6) #4 × 1/2 in. flathead screws (for electronic enclosure lid)
- Plastic weather cover assembly

⚠️ **CAUTION**: *The electronics in this package are electrostatic sensitive devices. Before installing the unit, discharge or use a grounding belt.*

Hardware Not Provided

- Drill
- Drill bits
- File
- Phillips screwdriver
- Conduit or conduit connectors
- Wire or wire connectors
- Level or punch
- Pen or pencil
- RTV sealant
- Fasteners (for mounting plates)

Installation Notes

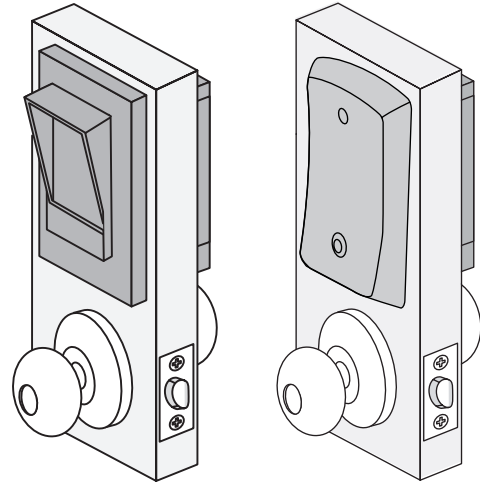Accurate mounting is essential for proper functioning of the WTI.

⚠️ **CAUTION**: *Battery failure may result with water infiltration. Follow to recommended precautions below to reduce water exposure.*

For Surface Installation only

Sealant Selection:
- Choose sealants appropriate for sealing surfaces
- Waterproof

Figure 1. Bezel Interface and Wireless Interface

- Exterior rated
- UV resistant

Mounting Surface Condition and Preparation:
- Suitable for sealing
- Free of loose material
- Clean and dry
- Flat and free of irregularities

Sealant Application:
- Use and apply sealants per the Manufacturers instructions
- Before mounting, apply RTV sealant on four (4) plate screws on the back surface of the plate
- Apply sealant around mounting holes (in corners) and around the cable hole
- Apply sealant around mounting plate perimeter

Remove

To replace the bezel interface with the wireless interface:
1. Remove the screws from the electronics enclosure lid.
2. Remove the lid.

Note: *Make careful notes of the connection pin-outs as the exterior WTI interface retrofit plate will be reconnected similarly.*

3. Disconnect the wiring plugged into the electronics enclosure.
4. Remove the four (4) screws that secure the electronics enclosure to the interior plate.
5. Remove the electronics enclosure.
6. Remove the four (4) screws securing the old bezel interface plate to the interior plate.
7. Remove the old interface plate.

Supra
United Technologies

WTI Installation

1. Feed the 4-wire plug from the exterior WTI interface plate through the cabling hole in the door, and secure the interior mounting plate to the exterior WTI interface plate.

> ⚠️ **CAUTION:** *Do not overtighten the long screw. If the screw does not fully secure the plates to the door when tightened, use a shorter screw.*

2. Insert and tighten screws through the interior mounting plate. For 1-1/4 to 1-1/2 in. (32 to 38 mm) doors, use 3/4 in. (19 mm) screws. For 1-1/2 to 2 in. (32 to 51 mm), use 1-1/4 in. (38 mm) screws.

Note: Attach the wires after securing the enclosure.

3. Feed the 4-wire plug from the exterior WTI interface plate, and the 2-wire cable from the lockset through the cabling hole in the electronics enclosure.
4. Using (4) #8 × 5/16 in. (16 mm) pan-head screws and lock washers, insert and tighten the screws and lock washers securely to attach the electronics enclosure to the interior mounting plate.
5. Connect the 2-wire cable and the 4-wire plug as they were previously connected in the electronics enclosure.

Note: In the case of 9V cells, make sure the wires point toward you as you secure them in place and the battery connectors should point toward the circuit board.

6. Inspect and confirm that the batteries in the electronics enclosure are properly inserted and connected to the battery terminal connections and secured in the battery holder compartment.

Surface Mount Installation

1. Feed the 4-wire plug from the surface mount plate through the wall and secure the surface mount interface plate (fasteners not included).
2. Locate and mount the interior mounting plate (fasteners not included).

Note: Attach the wires after securing the enclosure.

3. Feed the 4-wire plug from the surface mount plate, through the cabling hole in the electronics enclosure.
4. Using (4) #8 × 5/16 in. (16 mm) pan-head screws and lock washers, insert and tighten the screws and lock washers securely to attach the electronics enclosure to the interior mounting plate.
5. Connect the 2-wire cable and the 4-wire plug as they were previously connected in the electronics enclosure.

Note: In the case of 9V cells, make sure the wires point toward you as you secure them in place and the battery connectors should point toward the circuit board.

6. Inspect and confirm that the batteries in the electronics enclosure are properly inserted and connected to the battery terminal connections and secured in the battery holder compartment.

Test and Complete Installation

1. Perform an Install function with a valid TRACcess eKEY.

Note: Refer to the TRACcess eKEY user instructions for step by step operation. Test the lock first with the door open

and then with the door shut to ensure the lock strike catches the door frame.

2. Test the lock operation using the TRACcess eKEY.

Note: If the device is a TRAC-Lock BT Smart programmed for TIMED mode, the light will remain flashing for a preprogrammed period of time, during which the door may be opened. If the device is a TRAC-Lock BT Smart programmed for LATCHED mode, once the light flashes green, the door may be opened until the lock is reset. If it is programmed for LATCHED mode, be sure to reset the lock.

3. When you test the lock with your key, the LED at the top of the interface will flash green, indicating the door may be opened.
4. After the lock is tested successfully, place the lid on the back of the electronics enclosure and position the logo directly over the battery pack.
5. Insert the provided six (6) #4 × 1/2 in. (13 mm) flathead screws into the predrilled holes.

Note: Do not overtighten the screws, it may damage the electronics enclosure and prevent the lid from being securely fastened.

6. Hand-tighten the upper right corner screw and hand-tighten the remaining screws in a clockwise order.
7. Record the device serial number and location.

Battery removal/disposal

Replacing the interface is a good time to service the batteries. The batteries should be periodically replaced. This product contains either three (3) 9-volt batteries or eight (8) AA batteries. To remove the batteries, do the following:

1. Remove the lid from the electronics enclosure.
2. Pull the batteries out of the slots.

For proper recycling, dispose of all batteries as required by local ordinances or regulations.

Regulatory Compliance

United States (FCC)

This device complies with part 15 of the FCC rules. Operation is subject to the following conditions:

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

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Canada (IC)

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet équipement est conforme à la (aux) norme(s) canadienne(s) d'exemption de licence RSS Industry Canada. Son opération est sujette aux deux conditions suivantes: (1) cet équipement ne provoquera aucune interférence et (2) cet équipement doit tolérer toute interférence pouvant provoquer une opération indésirable de l'équipement.

European Union (CE)

This Class B digital apparatus conforms to the requirements of the following EU directives:

1. R&TTTE Directive (1999/5/EC)
2. WEEE Directive (2002/96/EC)

Australia / New Zealand

This apparatus fully complies with ACMA requirements and is C-Tick marked.