KIT INSTRUCTIONS

X-Series Integrated Keypad

7702-K149/K349

Issue E

Revision Record

Issue	Date	Remarks
A	May 2015	First Issue
B	May 2017	Added Keypad Driver section
C	June 2017	Added Keypad/Keyboard Remap Utility
D	Aug 2018	Added K349 keytip dimensions
E	Mar 2021	Updated keypad illustration

X-Series Integrated Keypad

This kit provides an Integrated Keypad for the following 15" Displays:

- RealPOS XR7 (7702) POS

- RealPOS XR7 Plus (7703) POS

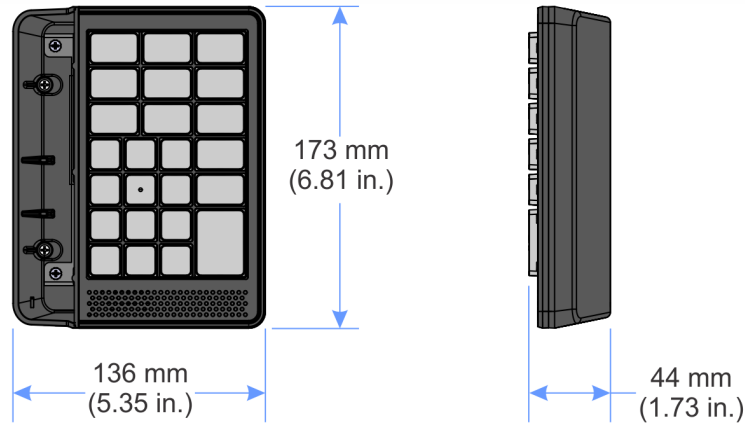- RealPOS 5968 X-Series Display

CCP-79983

Note: 7702-K349 includes these keytips and lenses:

- 1x1 "00" Key, Black (Qty. 1)

- 1x2 "0" Key, Black (Qty. 1)

- 1x1 Keytip Lens (Qty. 1)

- 1x1.5 Keytip Lens (Qty. 11)

- 2x1.5 Keytip Lens (Qty. 1)

Dimensions

Keypad Dimensions

173 mm
(6.81 in.)

136 mm
(5.35 in.)

44 mm
(1.73 in.)

CCP-79985

K349 Keytip Dimensions

| Keytip	Keytip Top Size (mm)			Label size (mm)		
	Height	Width	Corner Radius	Height	Width	Corner Radius
1x1	13.89	13.89	1.4	13.59	13.59	1.4
1x1.5	13.89	23.39	1.4	13.59	23.09	1.4
1x2	13.89	32.94	1.4	13.59	32.64	1.4
2x1.5	32.94	23.39	1.4	32.64	23.09	1.4

Note: The label sizes (height and width) allow 0.15 mm space from label edge to keytip edge on opposite edges.
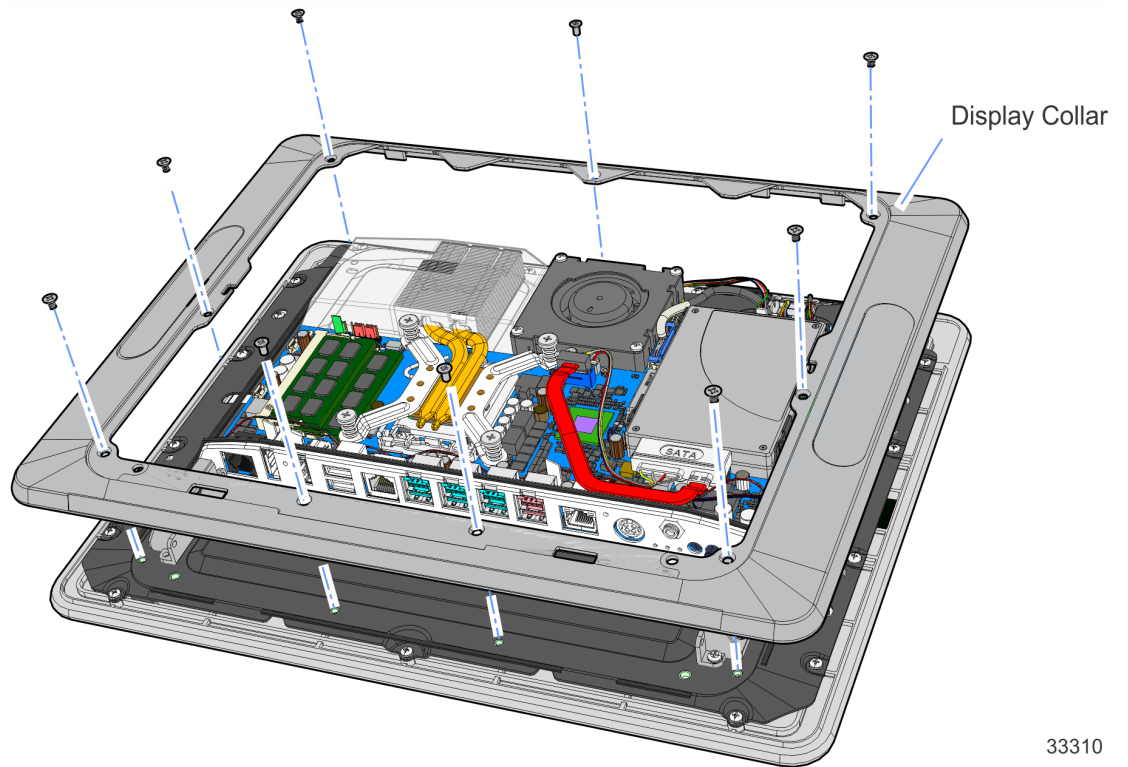
Installation Procedure

XR7/XR7 Plus POS

1. Lay the terminal face down on a flat surface, using a protective foam/cloth.

2. Remove the Base Stand and Rear Cover assembly.

   a. Loosen the captive screws (2) that secure the Rear Cover to the chassis.

   b. Pivot the assembly as shown to remove it.
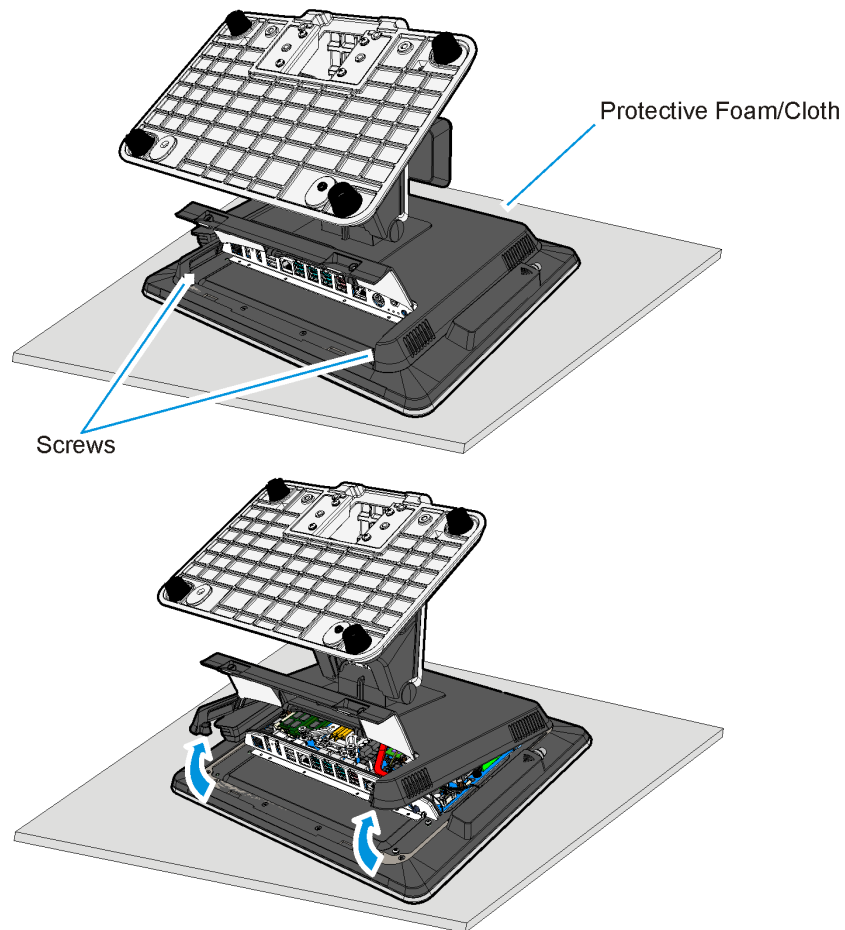
Protective Foam/Cloth

Screws

33323

3. Remove the Display Collar (9 screws).
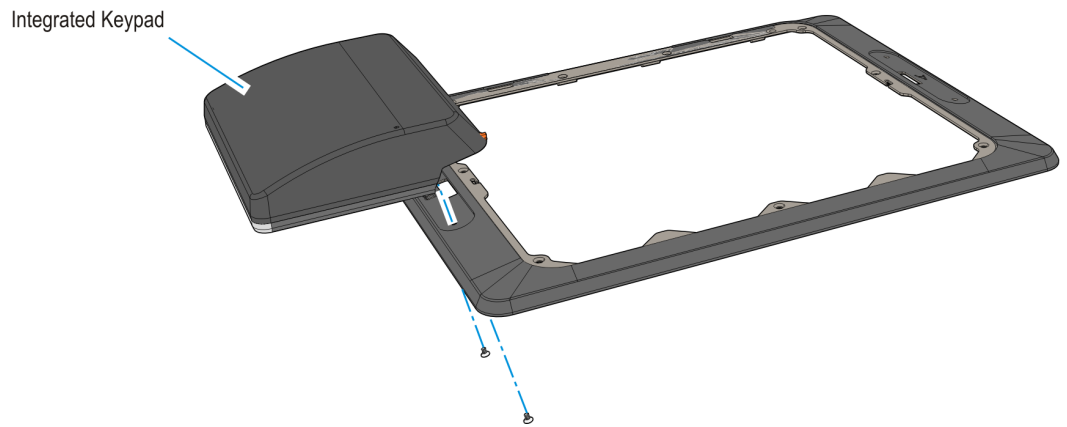
Display Collar

33310

4. Remove the Blank Plate (left side of terminal, right side is for MSR) from the Display Collar. The plate is connected to the Display Collar with a strong adhesive. Use care when removing it to not damage the Display Collar.
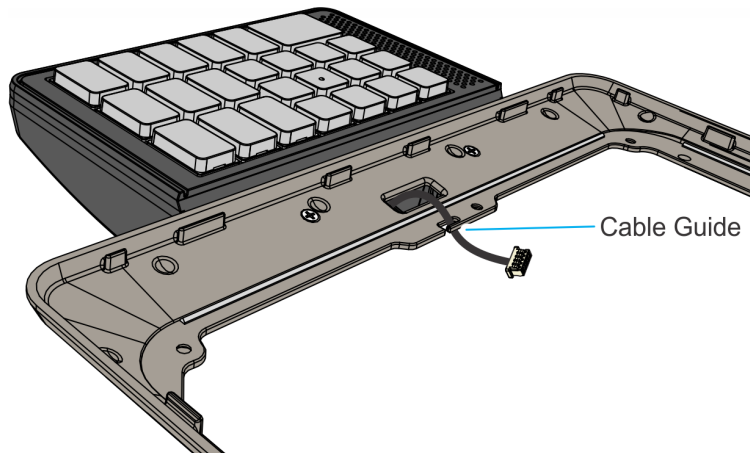
Blank Plate

33309c
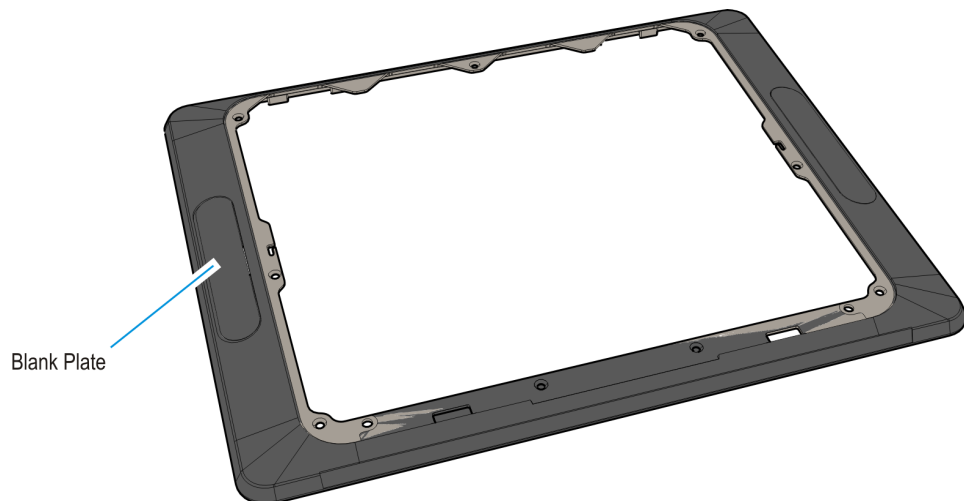
5. Route the Keypad Cable through the Port opening and install the Keypad on the Display Collar (2 screws).
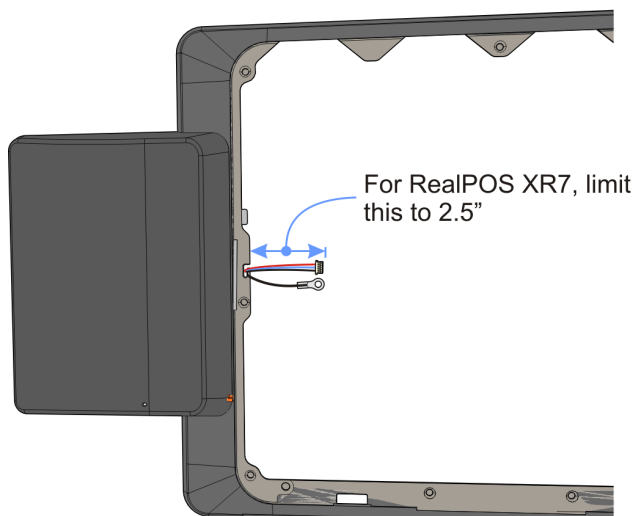
Integrated Keypad

33838

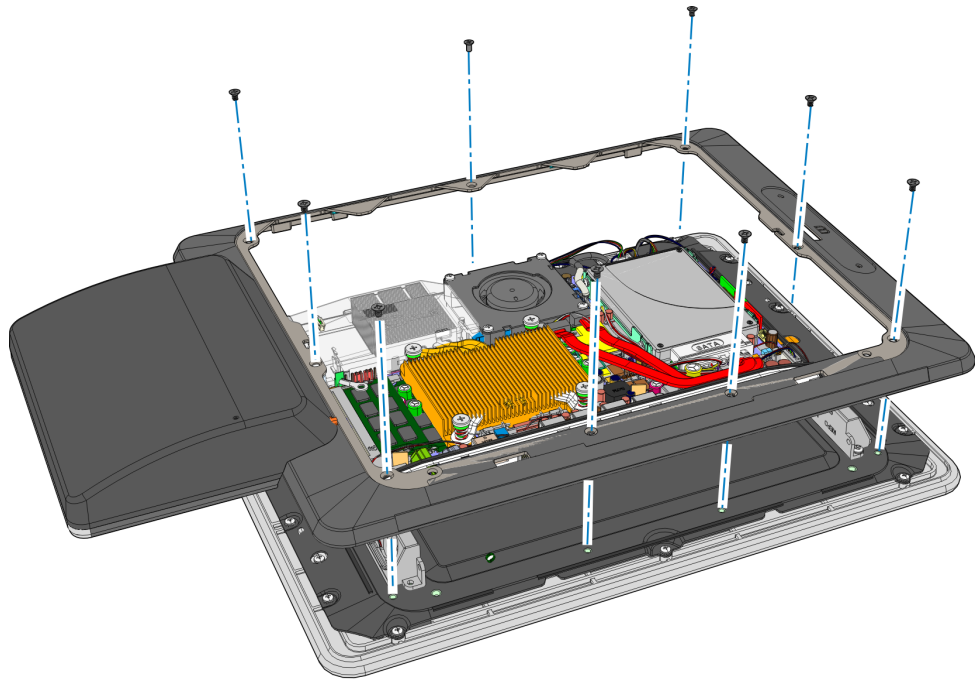6. Route the Keypad Cable through the Cable Guide on the Display Collar.

Cable Guide

CCP-79986

Note: Limit the amount of cable from the Cable Guide to 2.5" for the RealPOS XR7.

For RealPOS XR7, limit this to 2.5"

33846

7.   Reinstall the Display Collar on the terminal.
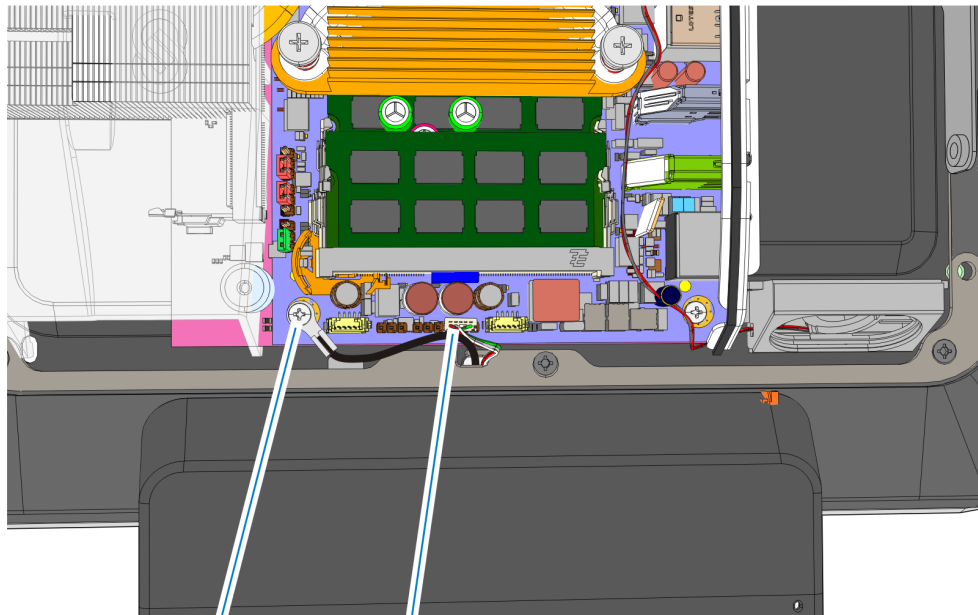

33840

8.   Connect the Keypad Cable and Ground Wire to the Motherboard.

⚠️   **Caution:** Pull up and down on the cables at the Cable Guide to make sure they are not pinched under the Display Collar.

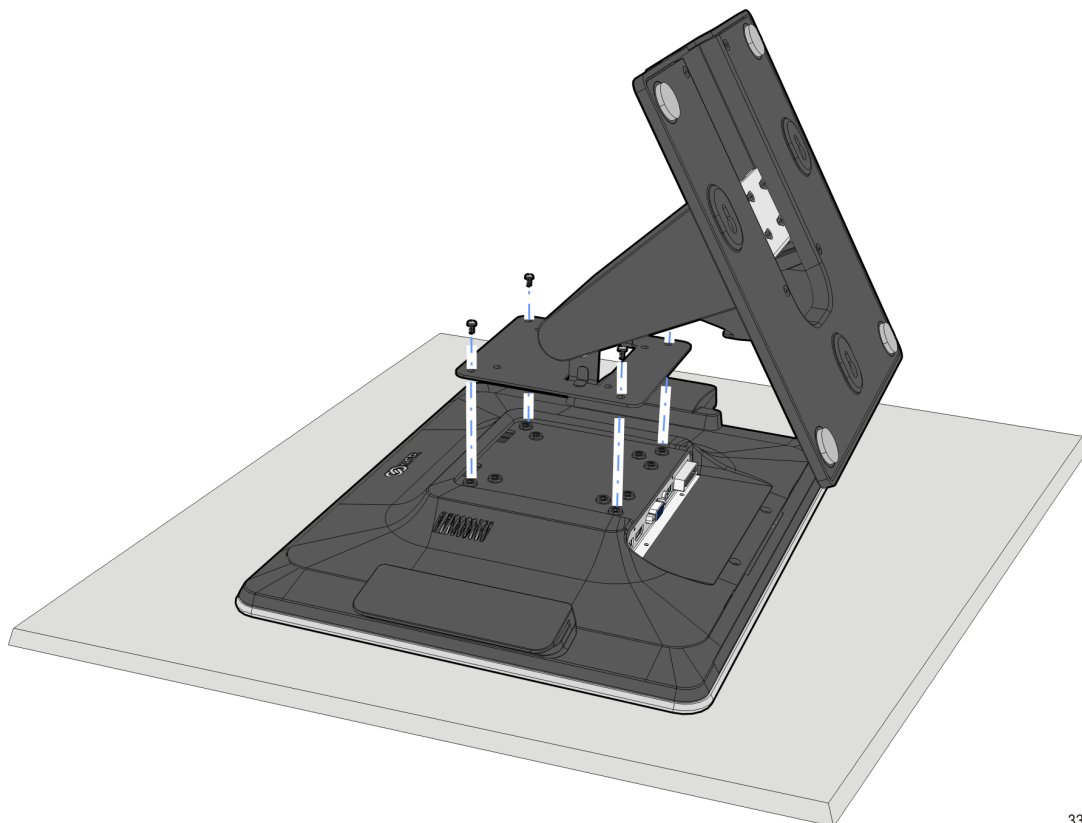Ground Wire   USB Cable

33843

9.   Replace the Base Stand and Rear Cover assembly on the terminal.

X-Series Displays

1. Lay the terminal face down on a flat surface.
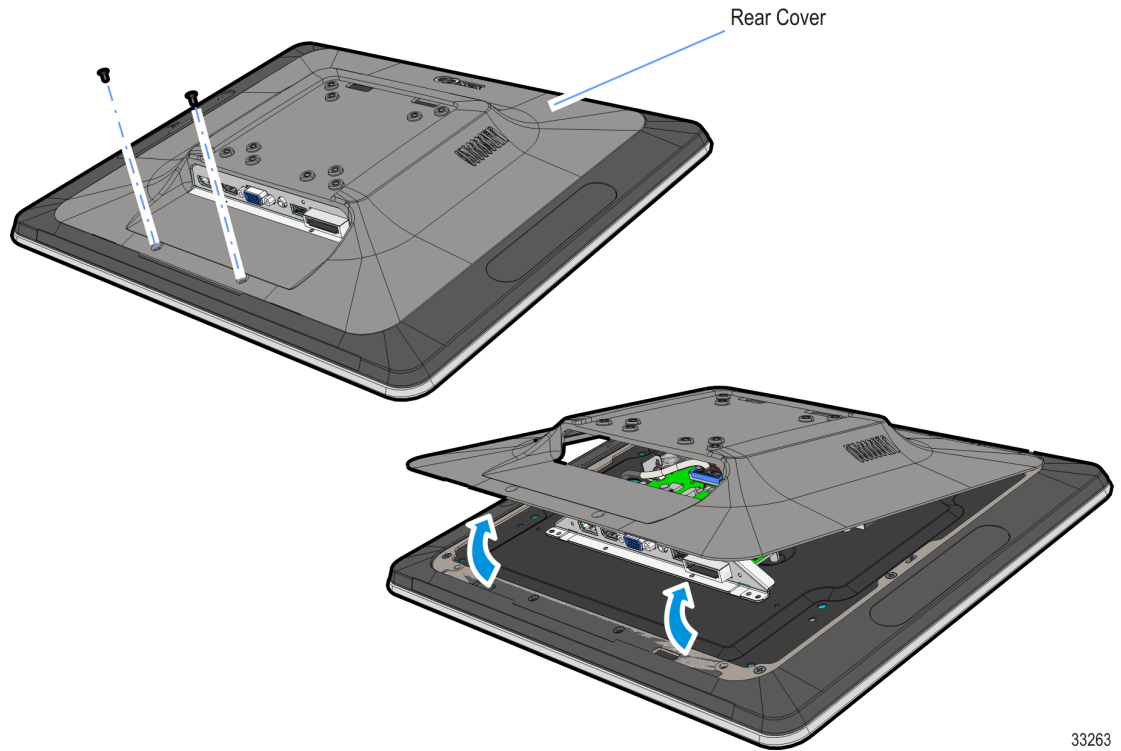
⚠ **Caution:** Always use a soft material (cloth, foam) to protect the display screen when placing the terminal face down.

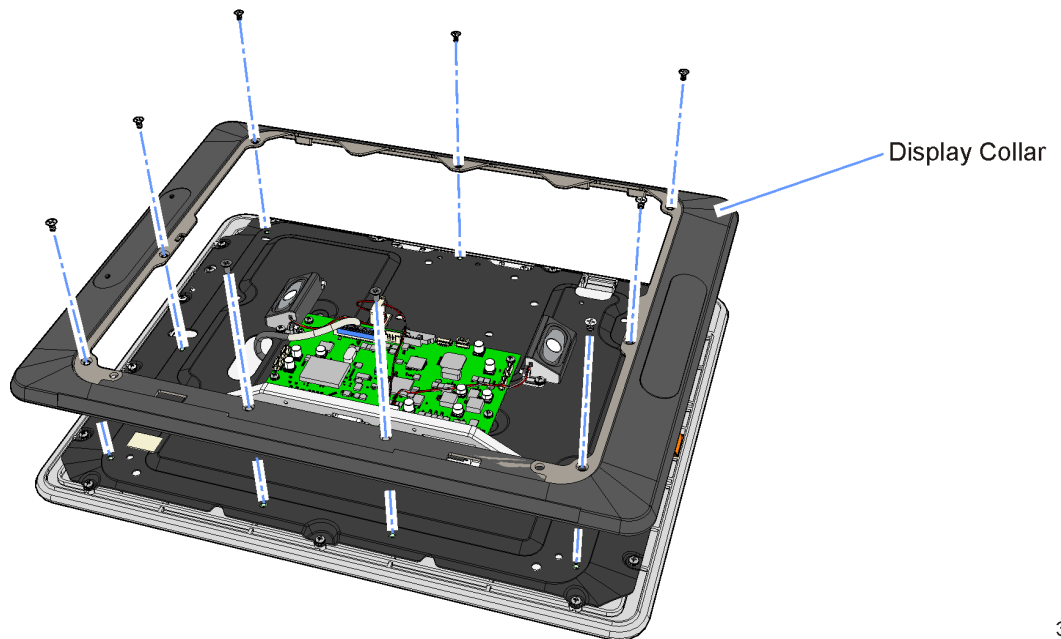2. Remove the screws (4) that secure the Mount to the display.

33262

3. Remove the Rear Cover screws (2).

4. Pivot the Rear Cover as shown to remove it.

Rear Cover

33263

5. Remove the Display Collar (9 screws).

Display Collar

33946

6. Remove the Blank Plate (left side of terminal, right side is for MSR) from the Display Collar. The plate is connected to the Display Collar with a strong adhesive. Use care when removing it to not damage the Display Collar.

Blank Plate
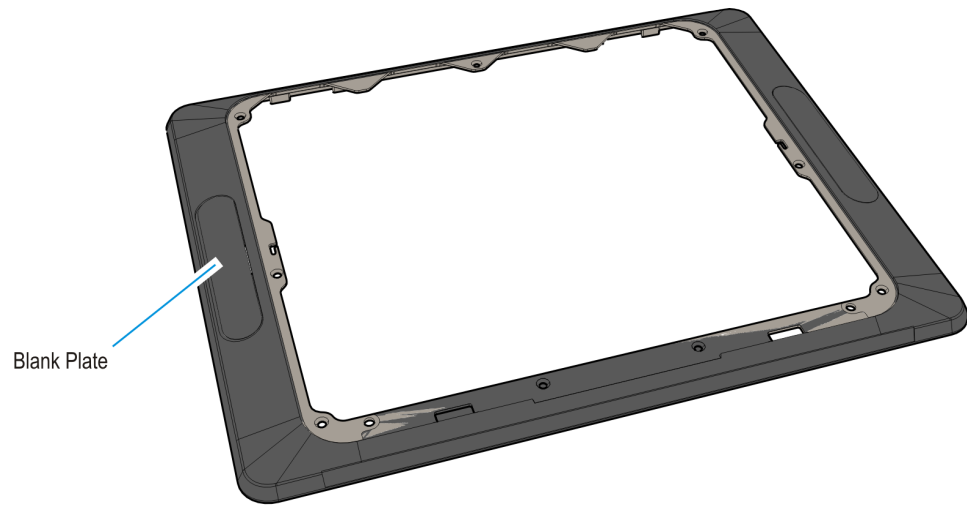
33309c

7. Route the Keypad Cable through the Port opening and install the Keypad on the Display Collar (2 screws).

Integrated Keypad
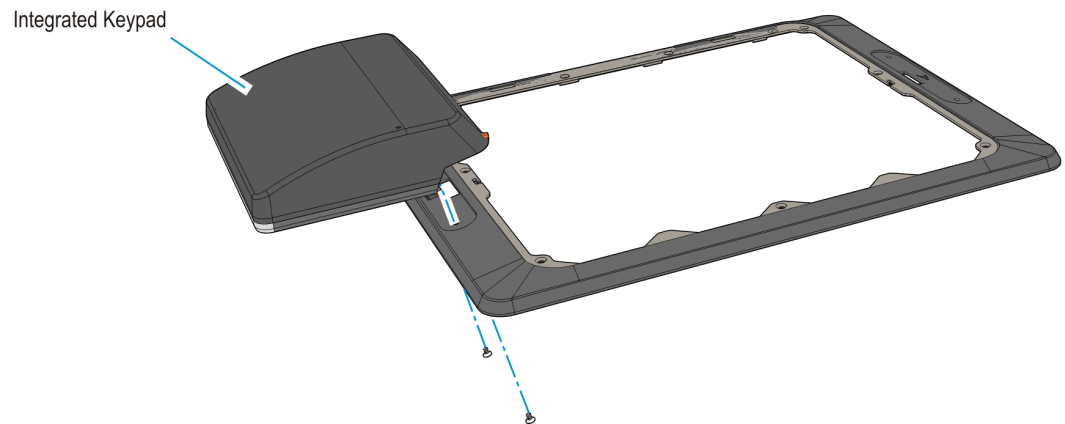
33838

8.   Route the Keypad Cable through the Cable Guide on the Display Collar.

Cable Guide
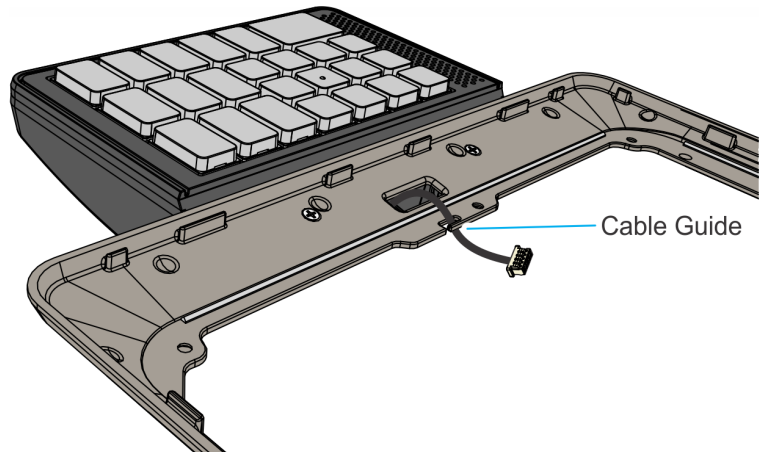
CCP-79986

9.   Reinstall the Display Collar on the terminal.

Display Collar

33947

10. Connect the Keypad USB Cable to the PCB.

11. Secure the Keypad Ground Wire under the PCB mounting screw.

33948

Ground Wire   USB Cable

12. Replace the Base Stand and Rear Cover assembly on the display.

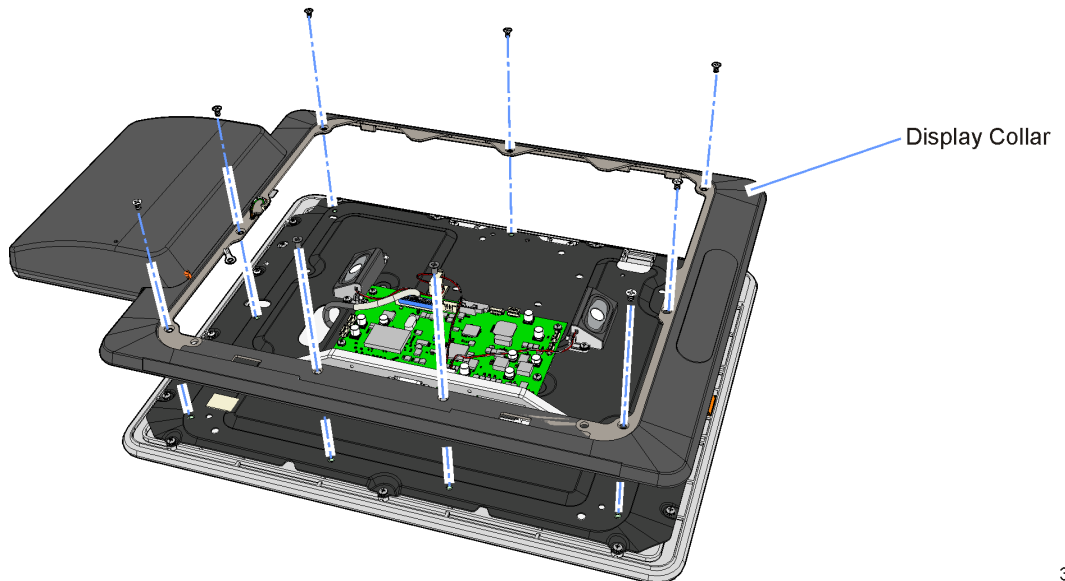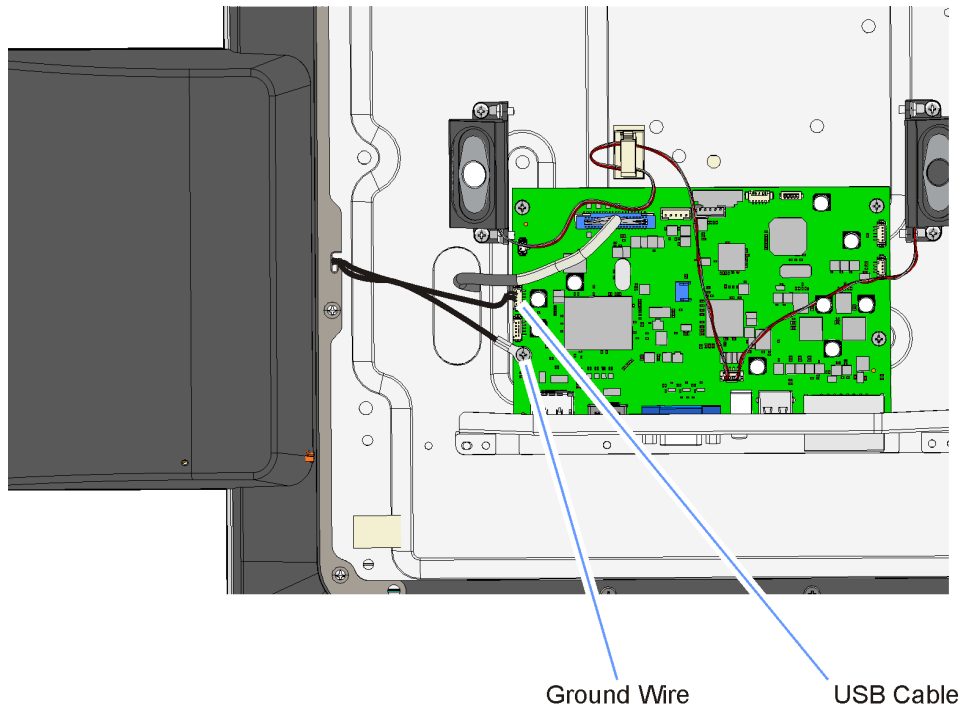# Keypad Driver

The NCR USB Utilities package for the Keypad module is located in the following location:

*http://www5.ncr.com/support/support_drivers_*
patches.asp?Class=External/Terminals\7702XR7\Windows\F149Module\display

Refer to the Readme document for the driver installation instructions.

Keypad/Keyboard Remap Utility

The NCR POS Keyboard Remap Utility provides a graphical user interface for keyboard remapping for 5932 Keyboards, and 5953, 5954, and X-Series Dynakeys. The utility is located in the following location:

*http://www5.ncr.com/support/support_drivers_*
patches.asp?Class=External/NCRKeyboard\Remap\display

Refer to the Readme document for the utility installation procedure.

Prerequisite

Patch for SLEPOS 11 SP2/SP3

Before installing the `NCRPOSKeyboardRemap` utility on a SLEPOS 11 SP2/SP3 platform, ensure the following are installed:

- Retail Platform Software for Linux (RPSL)

- RPSCOMM 463 Patch

Installing the RPSCOMM 463 Patch

1. Untar the `RPSCOMM_463_Patch.tar` in command line as `tar xvf RPSCOMM_463_Patch.tar`

2. Run the script as `sh RPSCOMM_463_Patch.sh`

Installing the NCRPOSKeyboardRemap

1. Run the app run script as `sh NCRPOSKeyboardRemap.sh`