KIT INSTRUCTIONS

3-Port Serial Expansion

7702-K161
Issue C

Revision Record

Issue	Date	Remarks
A	Mar 2015	First Issue
B	June 2016	Added the Expansion Board Jumpers section
C	Apr 2021	Added K161 COM Port Assignment section

3-Port Serial Expansion

This kit adds three additional standard serial ports to the RealPOS XR7 POS, two RJ50 and one DB9 connectors.

Components

Serial Expansion Board USB+PWR Cable
497-0506522

Screw, M4x12mm, PH, Phillips
006-8622686

Screw, M3x6mm, PH, Phillips, SEMS
006-8613167

I/O Plate
497-0505693

Serial Expansion Board
497-0507398

Housing
497-0506356

33650
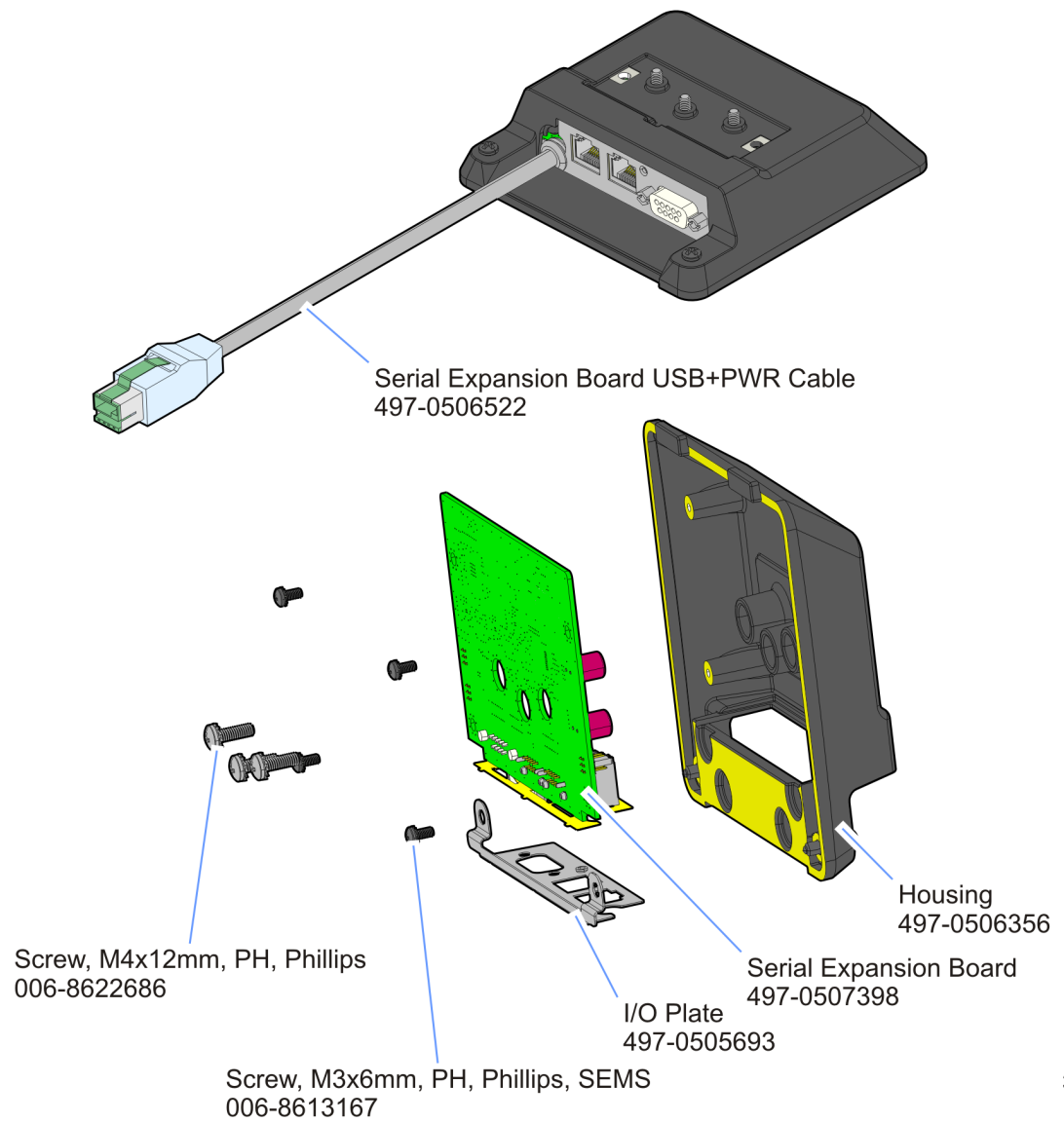
Installation Procedures

1. Remove the Base Stand.

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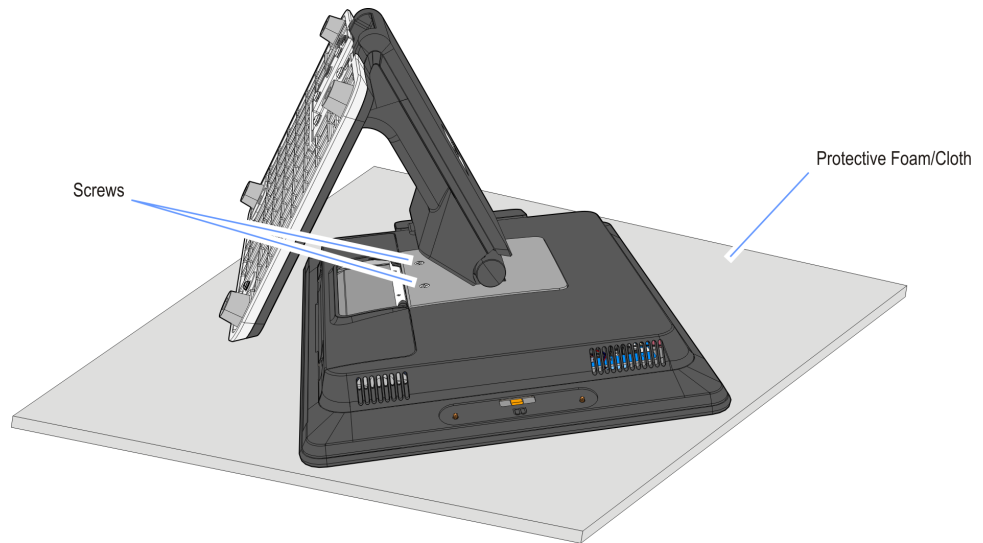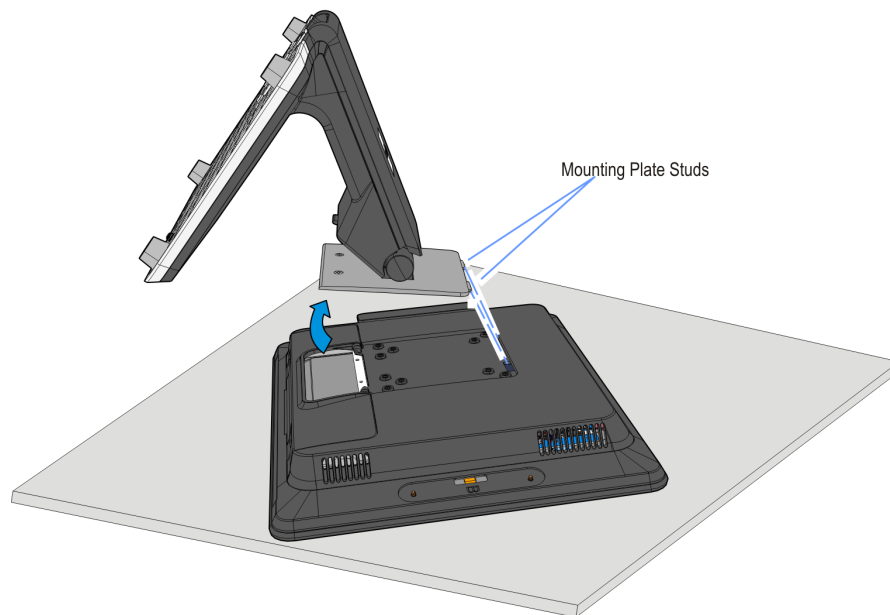
   ⚠️ **Caution:** Always use a soft material (cloth, foam) to protect the display screen when placing the terminal face down.

   b. Remove the two (2) screws that secure the Base Stand to the display.
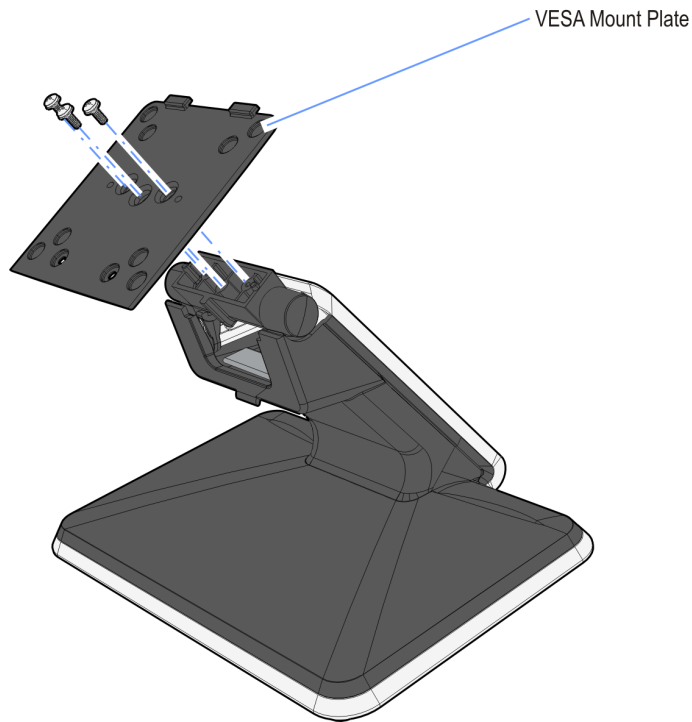
Screws

Protective Foam/Cloth

32809

   c. Rotate the Table Top Stand and remove the two (2) Mounting Plate Studs from the openings in the Rear Cover.

Mounting Plate Studs

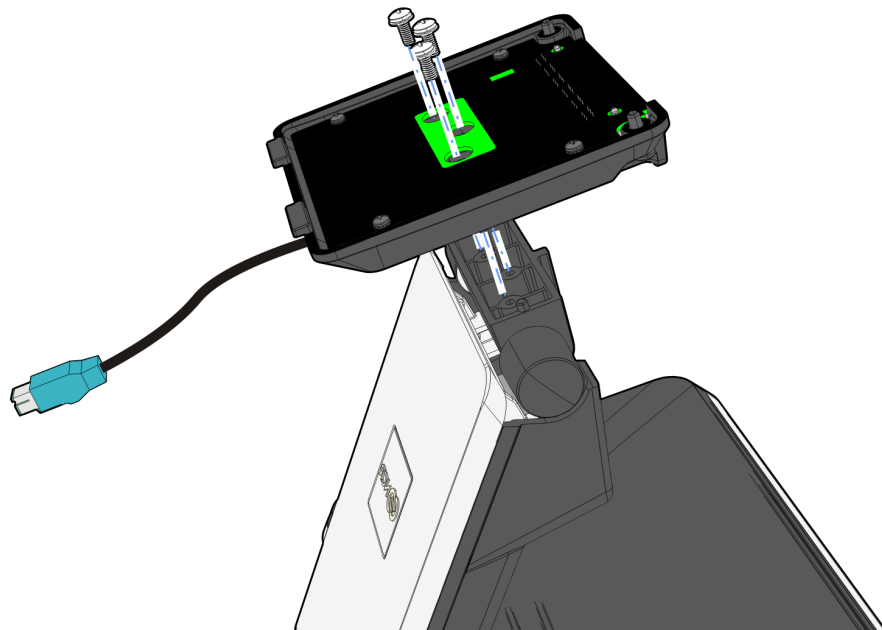32808a

2. Remove the VESA Mount Plate from the Base Stand (3 screws).
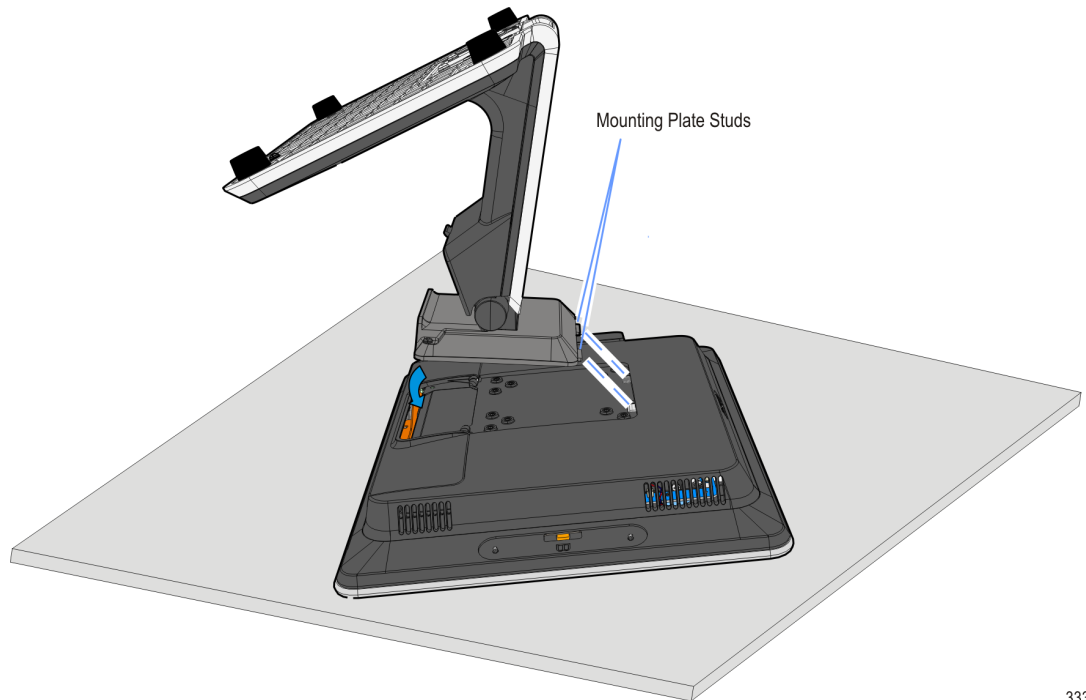
VESA Mount Plate

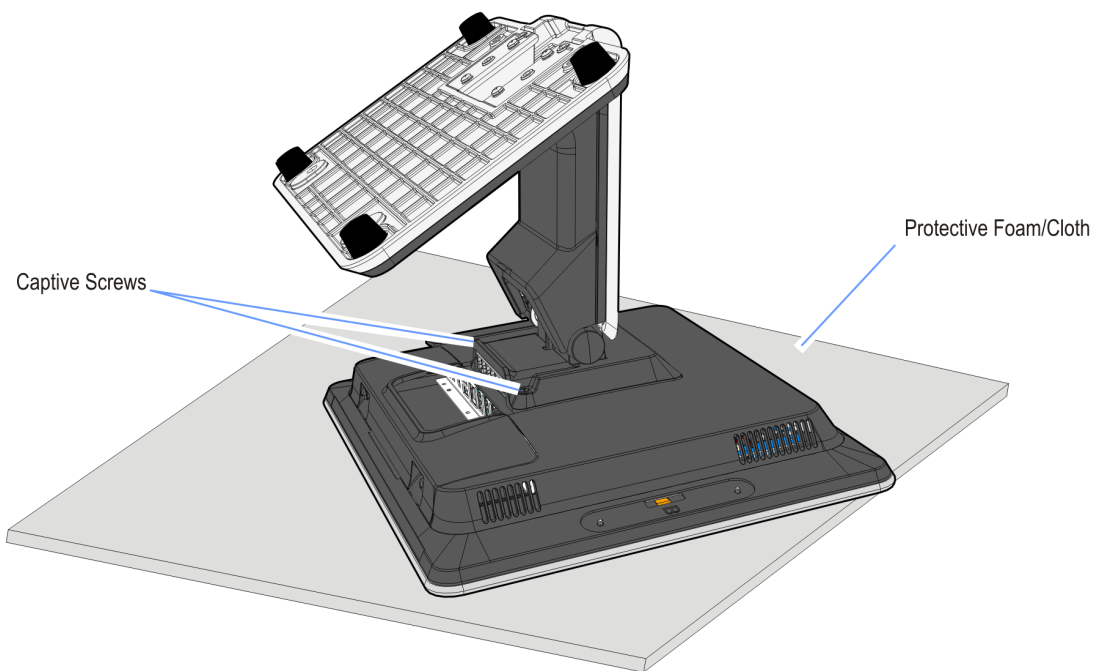33383

3. Install the Serial Expansion Module on the Base Stand (3 screws).

33380

4. Insert the two (2) Mounting Plate Studs into the openings in the Rear Cover and rotate the Table Top Stand downward.

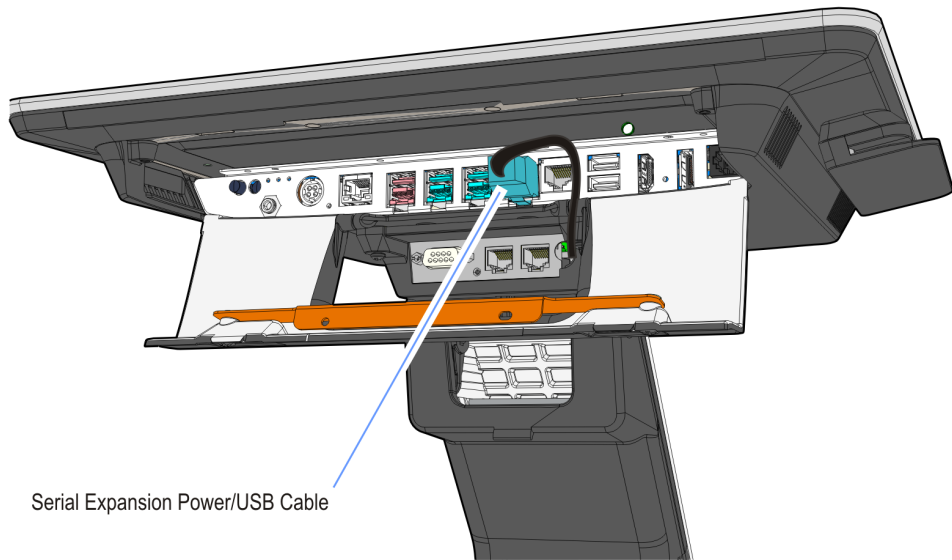Mounting Plate Studs

33386

5. Secure the Base Stand to the terminal (2 captive screws).

Protective Foam/Cloth

Captive Screws

33385

6. Connect the Serial Expansion Power/USB Cable from the terminal I/O Panel.

Serial Expansion Power/USB Cable

33651

Expansion Board Jumpers

Removing the Expansion Board

1. Remove all connected components and terminal head.

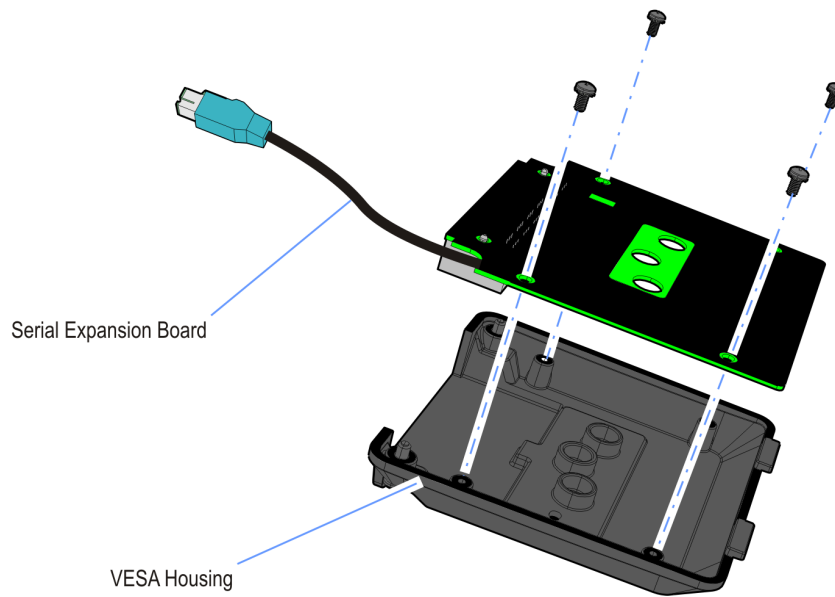Serial Expansion Power/USB Cable
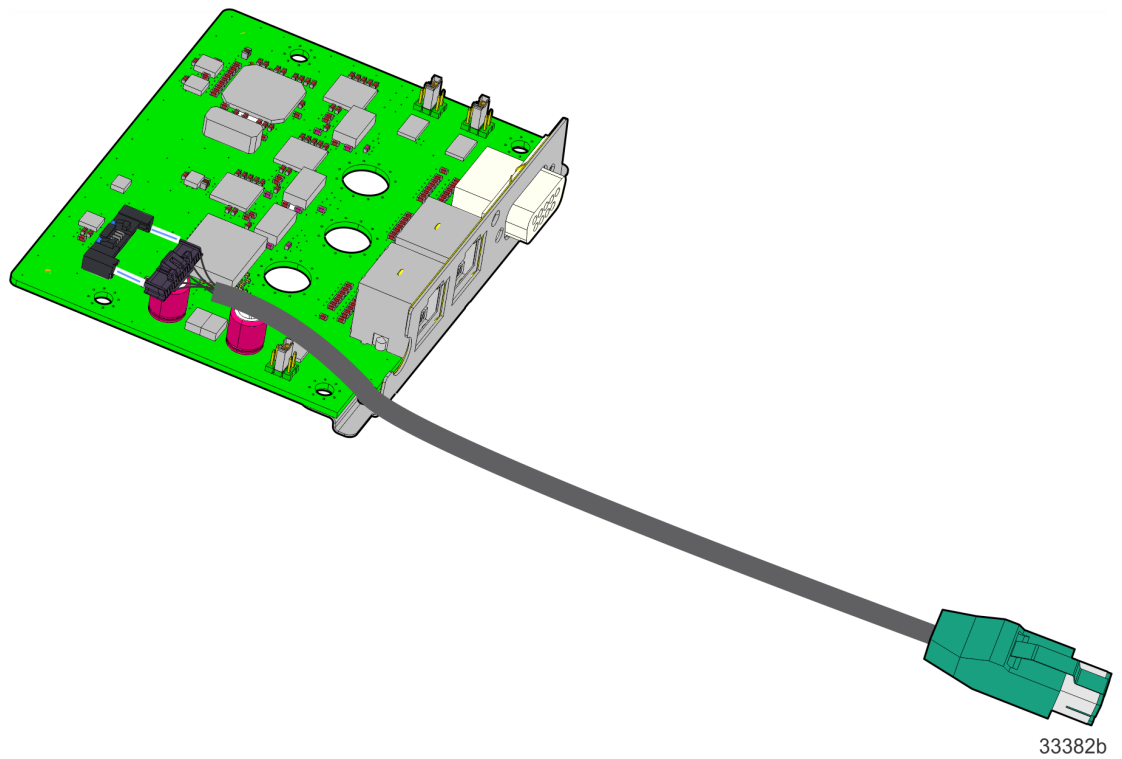
33651

Protective Foam/Cloth

Captive Screws
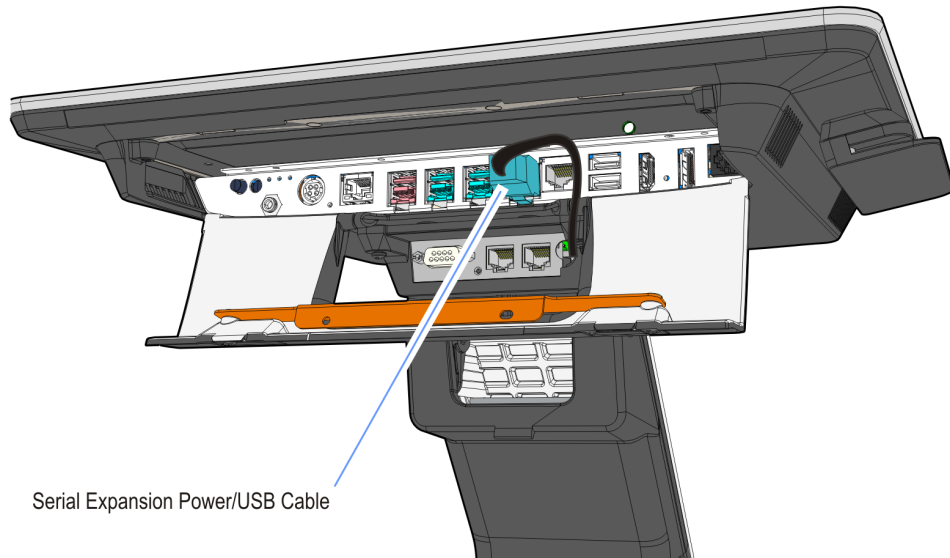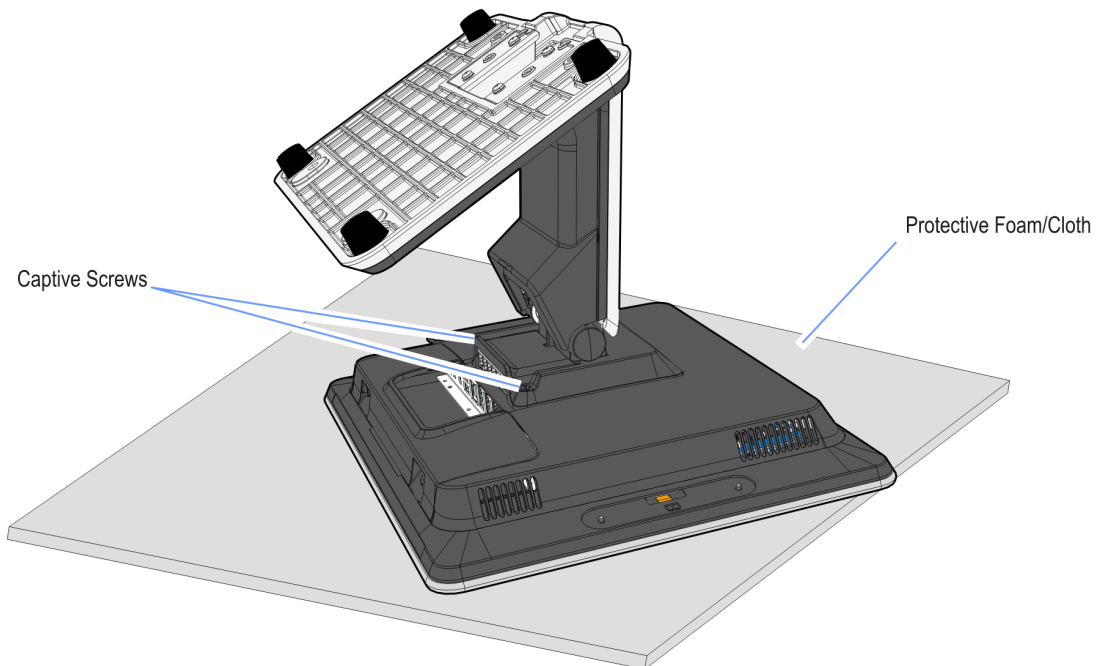
33385

2. Detach the four (4) screws holding the Expansion Board to the Expansion Housing.
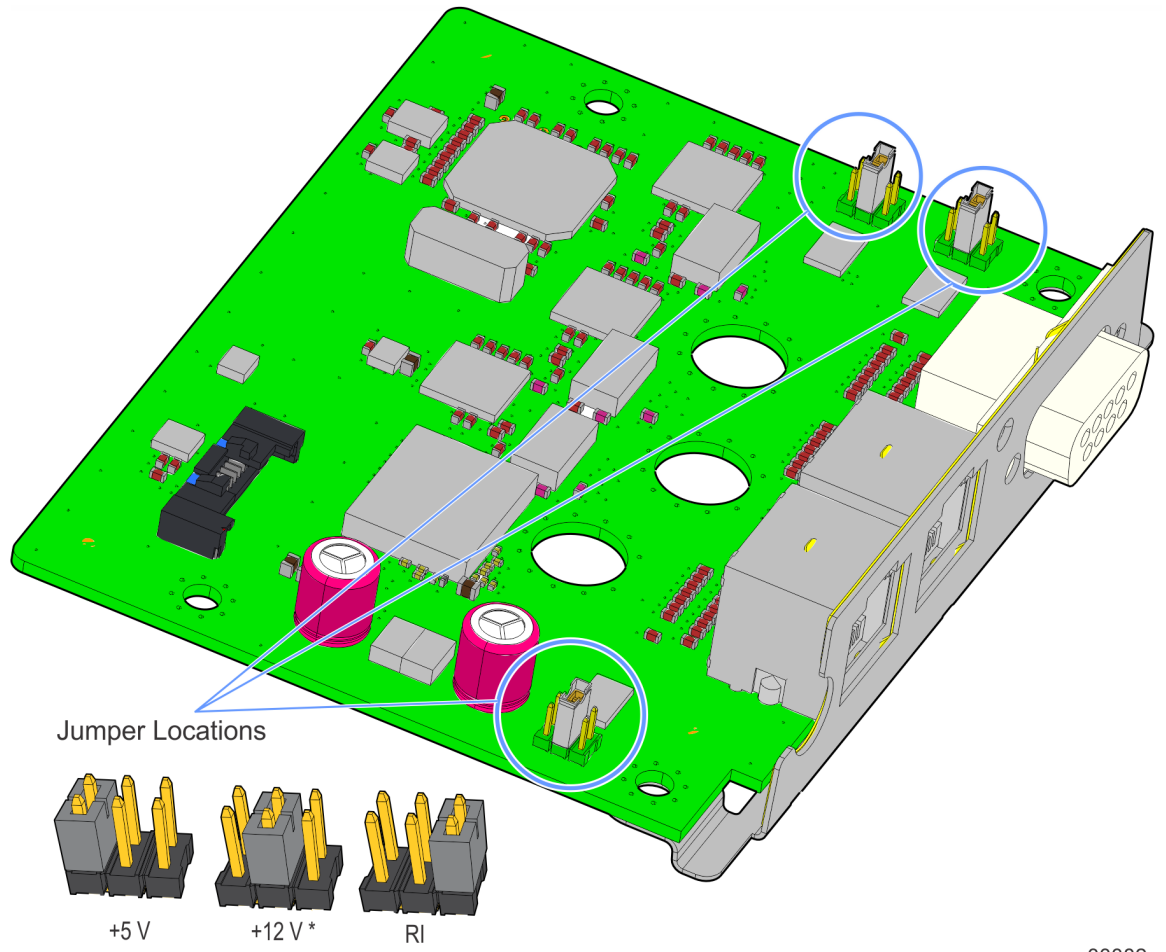
Serial Expansion Board

VESA Housing

33381

3. Remove the Expansion Board.

33382b

Adjusting the Jumpers

The jumpers are located as shown below. By default, they are set to 12V.

Jumper Locations

+5 V   +12 V *   RI

33382a

K161 COM Port Assignment

The diagram below identifies the default COM port settings when an NCR Windows OS/Gold image is loaded on the POS terminal. Device Manager should be used to identify the COM ports, if a custom/non-NCR image is loaded on the POS terminal.

DB9   RJ50   RJ50
COM4   COM3   COM2

CCP-80907