



NCR Voyix SelfServ™ 90 (7709)

Kit Instructions

Security Scale Countertop



7709-K710

Issue C

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Table of Contents

7709-K710 Security Scale Countertop	5
Kit Contents	5
Mounting Holes	7
Installation Procedure	8
Bolting the Security Scale	10

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Revision Record

Publication issue	Date	Description of change
A	Apr 2016	First issue.
B	Sep 2019	Added the minimum and maximum capacity of the scale with bagrack.
C	Jan 2026	Updated with NCR Voyix brand.

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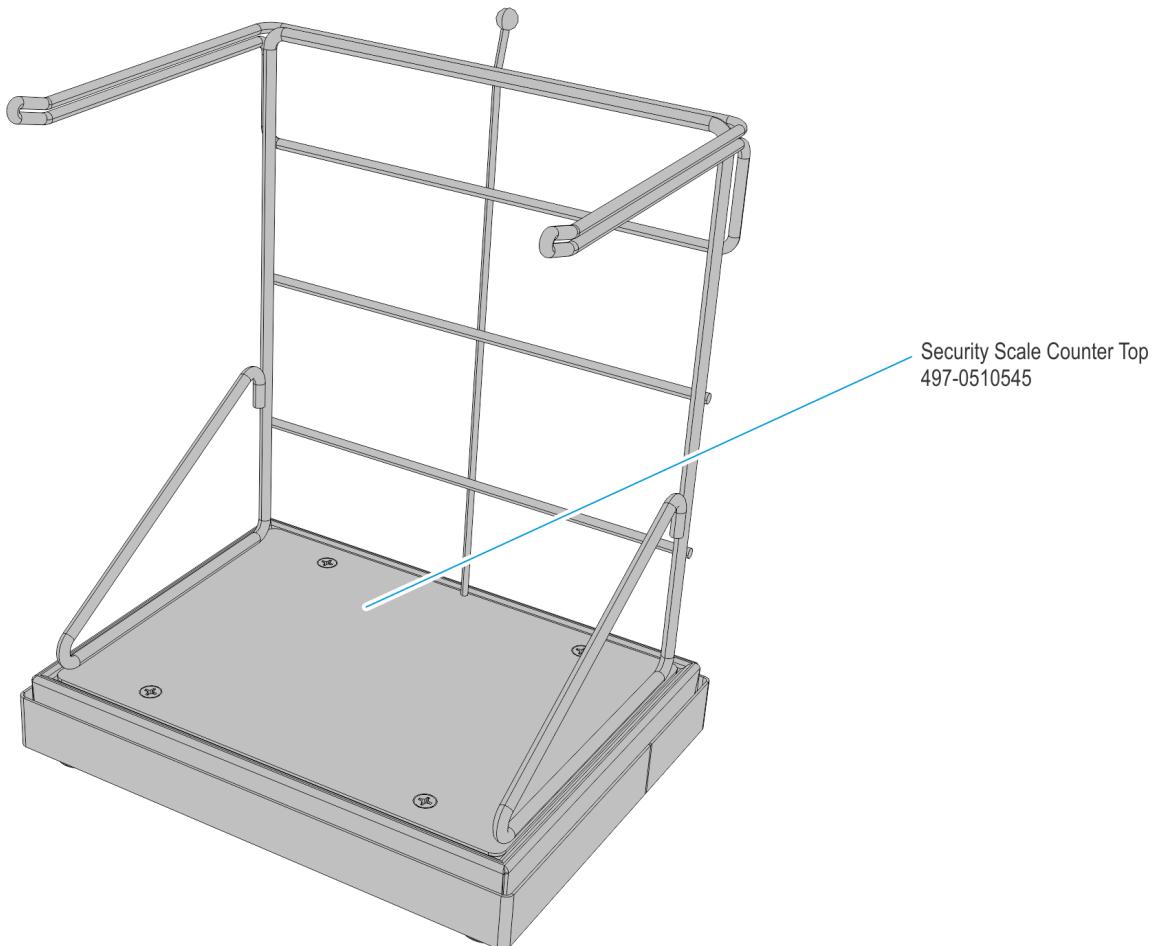
7709-K710 Security Scale Countertop

This kit provides the components to install a security scale integrated to the NCR SelfServ™ 90 Kiosk.

The following table shows the minimum and maximum capacity of the scale with bagrack.

	pound (lb)	kilogram (kg)
Minimum allowable weight	0.040	0.018
Maximum allowable weight	30.000	13.610

Kit Contents



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Part Number	Description
497-0526607	7709-K710 Security Scale Countertop
006-8624919	Leveling Mount, High Temp, 1/4-20, 1-1/8 Base Diameter, 1/2 (4 pcs)
006-8611466	Screw - M4 X 0.7P X 6 Mm, Machine, Phillips Panhead (10 pcs)
006-8615143	Cable Tie, 142Mm X 3.6Mm (15 pcs)
006-8615815	Screw -1/4-20 X 5/8" Phillips Pan Head Machine Screw, Zinc-Pltd Stl (8 pcs)
006-8624799	Screw, 1/4-20, 3/8" Length, Cs, Ss (8 pcs)
497-0445077	Cable: (Black) 4M Usb +Power (12V) To 2X4 Latch-N-Lok
497-0468420	Assembly- NCR Voyix Scale Controller
497-0539337	R5 Pods With 50 Durometer Mount, Polyimide Strain Gauge Backing, New PCBA (4 pcs)
497-0509822	Cable, Scale Pod To Scale Controller Board, 500Mm (4 pcs)
497-0509864	Base, Scale, 7709
497-0509870	Top Plate, Scale, 7709
497-0509871	Side Guard, Scale, 7709
* 497-0423108	Instructions-Kit (Reference Sheet)

* Items marked with an asterisk are not called out on the image.

Mounting Holes

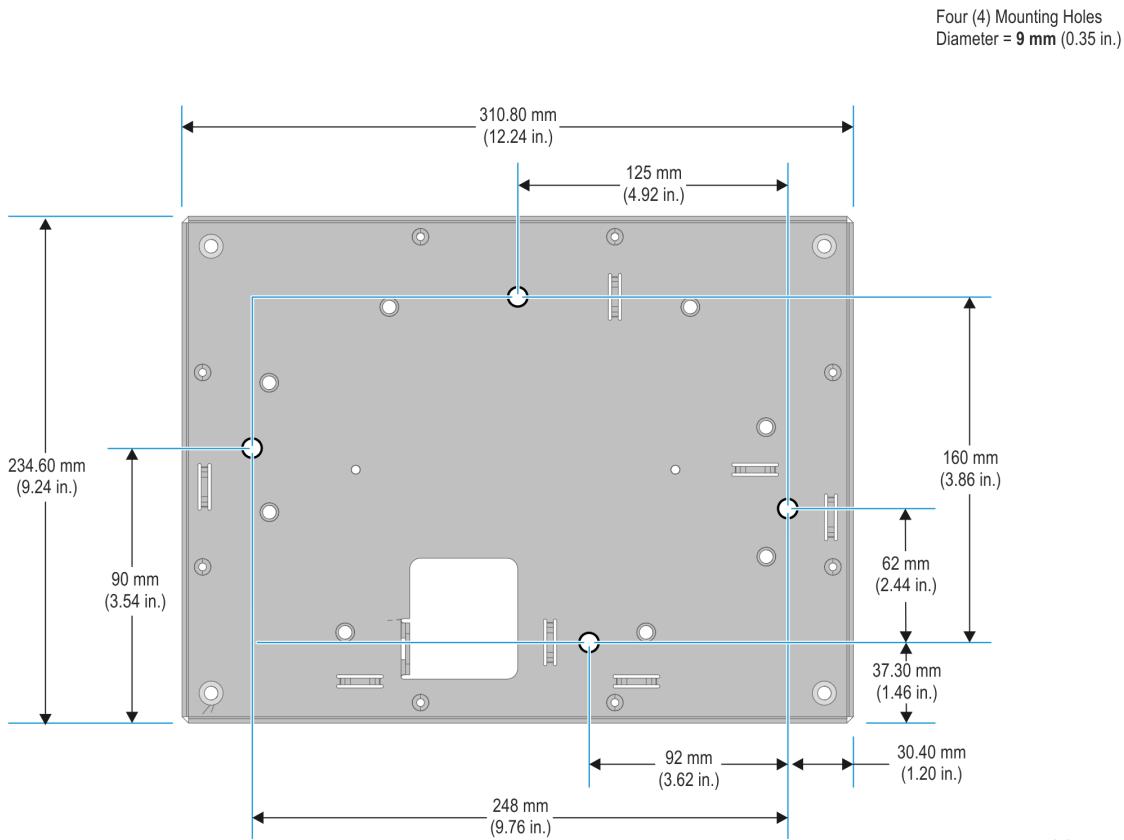
Four (4) mounting holes at the base plate provides the option to anchor and secure the Counter Top Scale in position. The mounting hole dimensions are shown in the illustration below.

The anchors used to bolt the security scale are customer supplied.



Note

Before bolting the scale, make sure that the scale is properly level, adjust the leveling mounts as necessary.

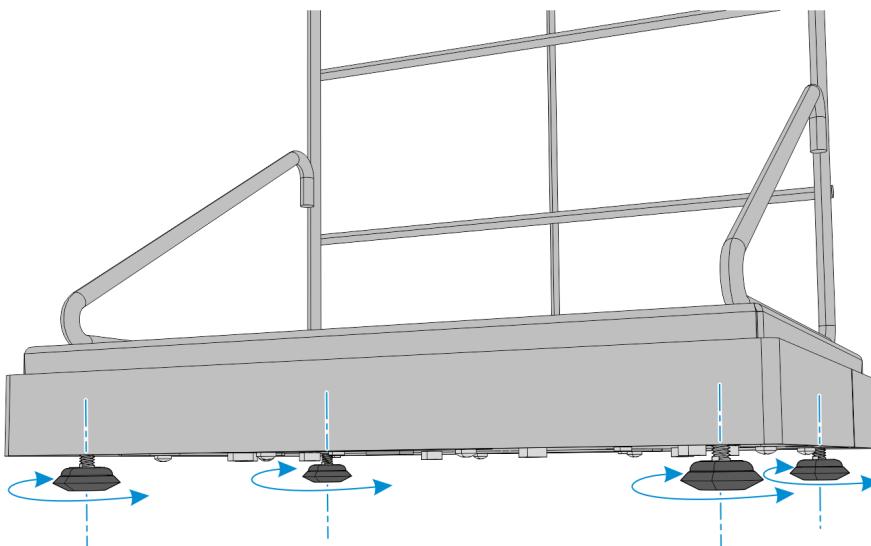


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Installation Procedure

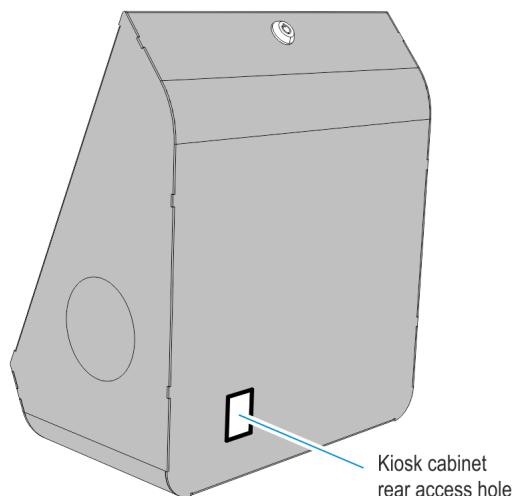
The Counter Top Security Scale can be anchored to the counter top to secure the scale. If the scale will be anchored to the counter top, refer to the ["Installation Procedure"](#) section in this instruction sheet and perform the procedure. If not, perform the steps below to install the scale.

1. Position the scale in its installation location.
2. Adjust the leveling mounts (4) as necessary until the scale is level.



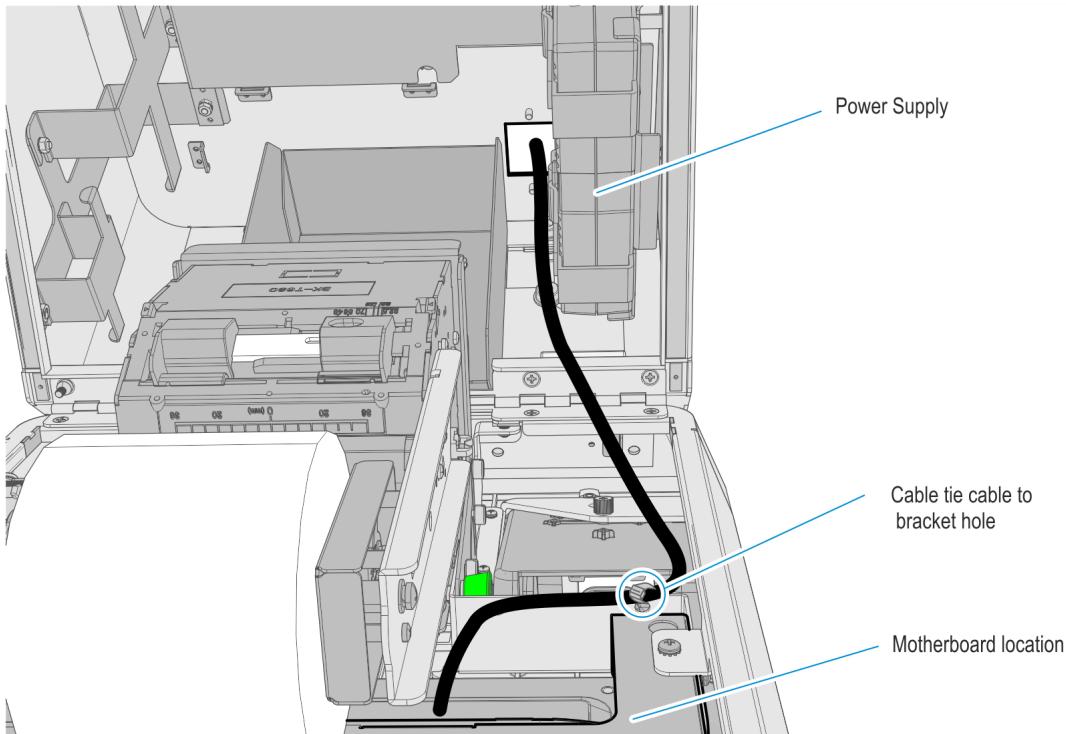
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3. Route the Scale USB Cable into the Kiosk Cabinet through the rear access hole.

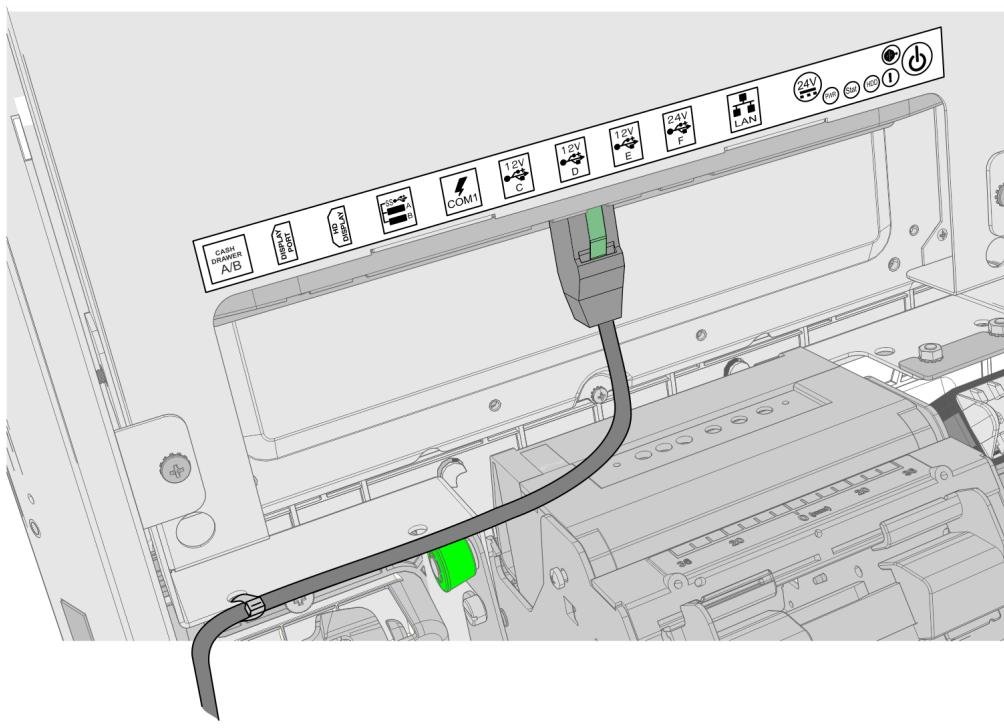


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4. Inside the cabinet, route the cable towards the motherboard and plug the connector to the USB D USB+12V power port. Cable tie the cable with other cables as necessary.



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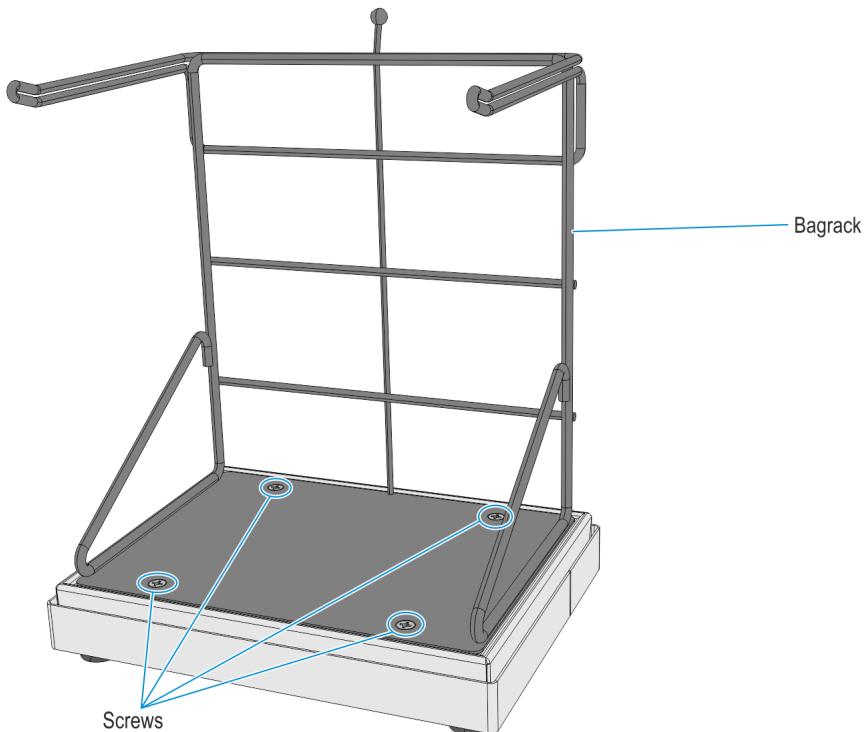
5. Place and secure the excess cable length outside of the Kiosk Cabinet.
6. Check that all modules in the Kiosk are working properly.

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Bolting the Security Scale

1. Remove the screws (4) that secures the bagrack to the base assembly and remove the bagrack.

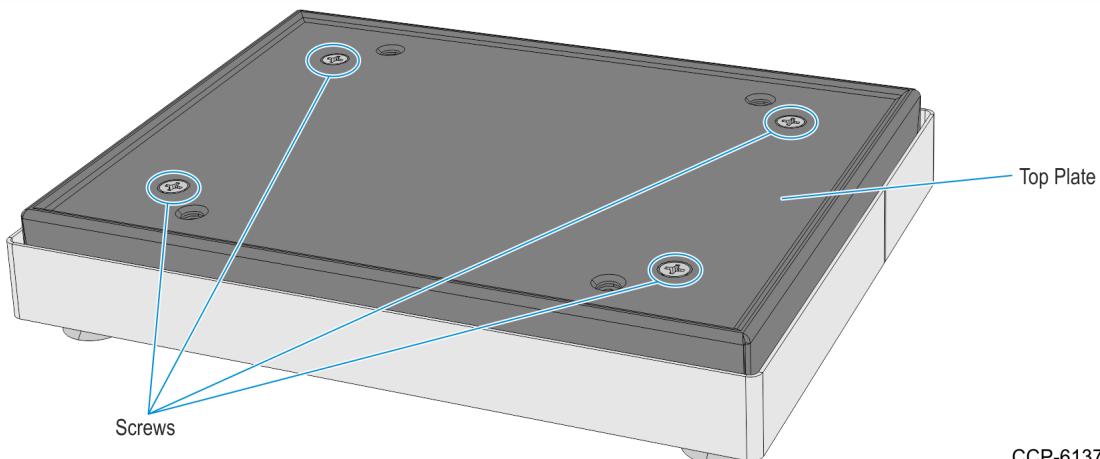


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2. Remove the screws (4) that secure the top plate to the base assembly and remove the top plate.

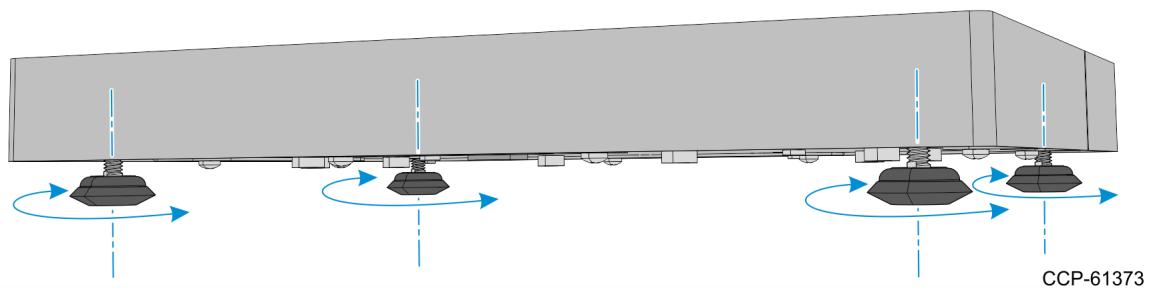
⚠ Caution

Once the top plate is removed, the scale controller, cables, scale pods are exposed. Do NOT interchange the connections of the pod cables to the scale controller ports as this could cause the scale to malfunction. Move the cable wires carefully and make sure that they are not strained.

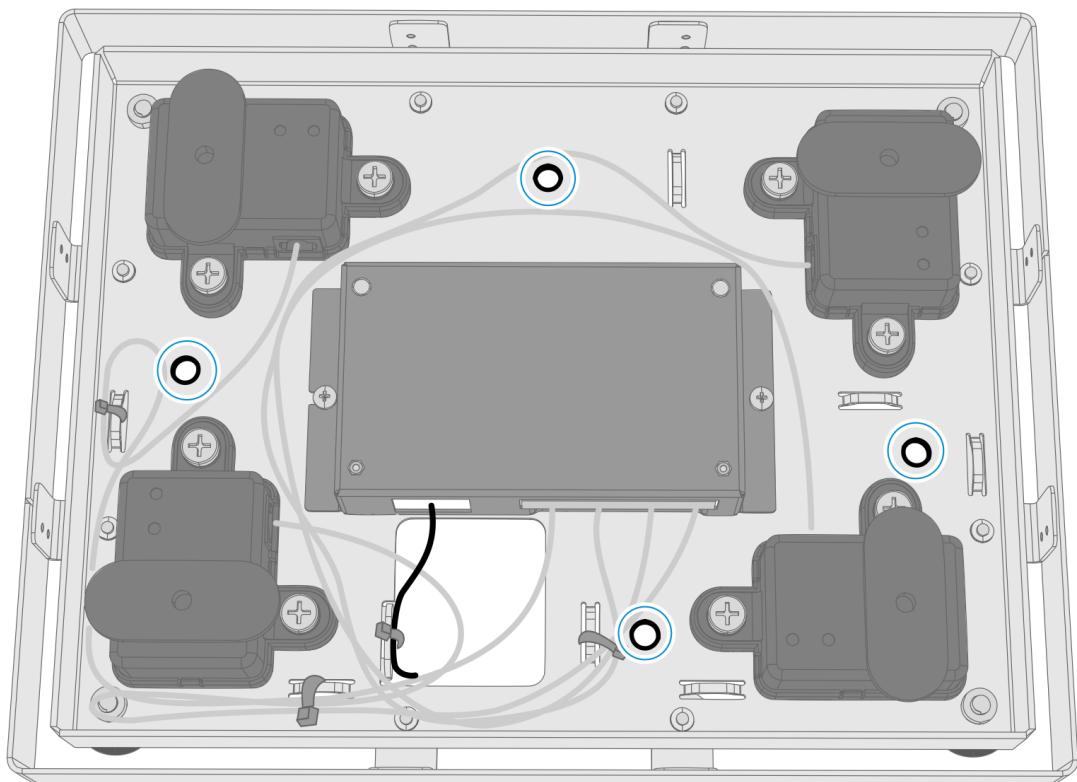


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3. Position the base assembly on its installation location and adjust the level mounts (4) as necessary until the base is level.



4. Mark the anchor holes of the base on the counter top. Refer to the ""[Bolting the Security Scale](#)"" on the previous page" section in this instruction sheet for the mounting hole dimensions.

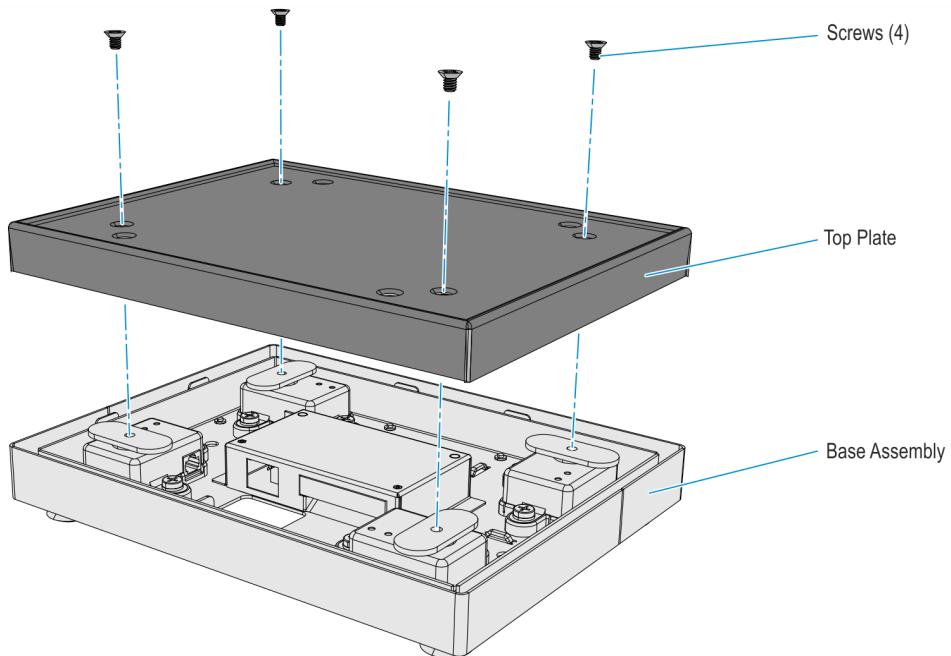


5. Remove the base assembly, drill the holes as necessary and install the anchors.
6. Position back the base assembly, adjust the leveling mounts as necessary until the assembly is level then secure the base assembly with the anchors.

⚠ Caution

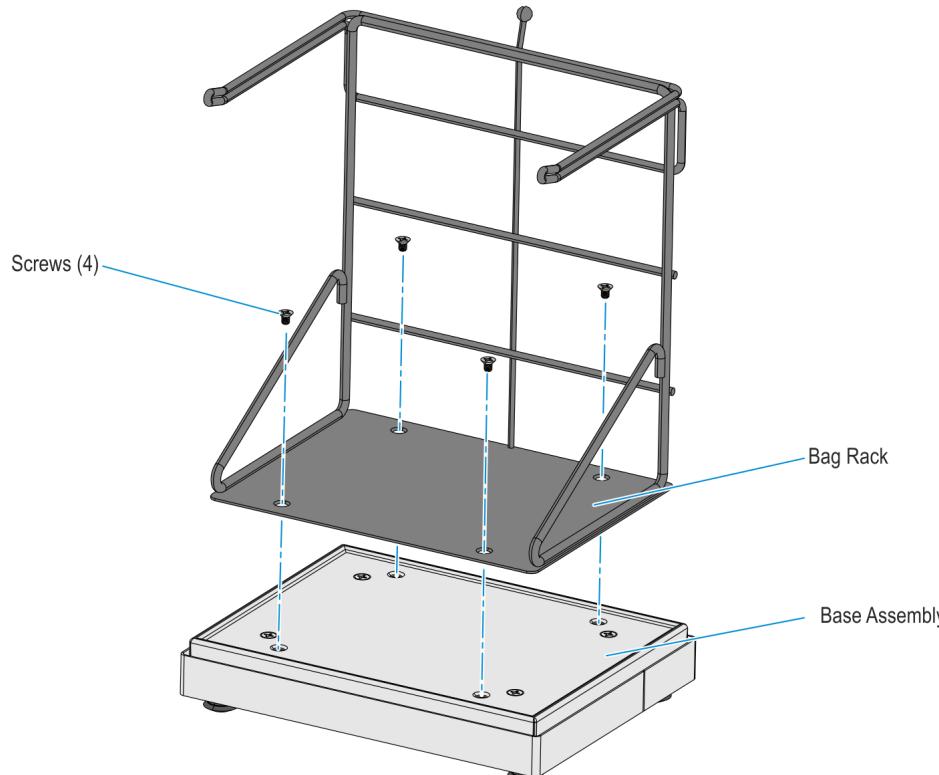
When mounting the base assembly on the anchors, move the wires carefully and make sure that they are not strained. After securing the assembly to the anchors, make sure that the cable connectors are firmly connected to the controller.

7. Mount the top plate on the base assembly and secure with screws (4). Tighten the screws just enough to secure the top plate, preferably about 0.68 N.m (6 lbf.in) to 0.90 N.m (8 lbf.in) using a torque screw. Do NOT overtighten.



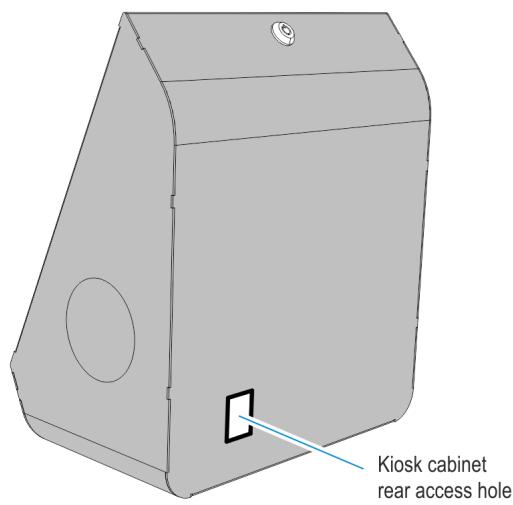
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8. Mount the bagrack on the base assembly and secure with screws (4). Tighten the screws just enough to secure the top plate, preferably about 0.68 N.m (6 lbf.in) to 0.90 N.m (8 lbf.in) using a torque screw. Do NOT overtighten.



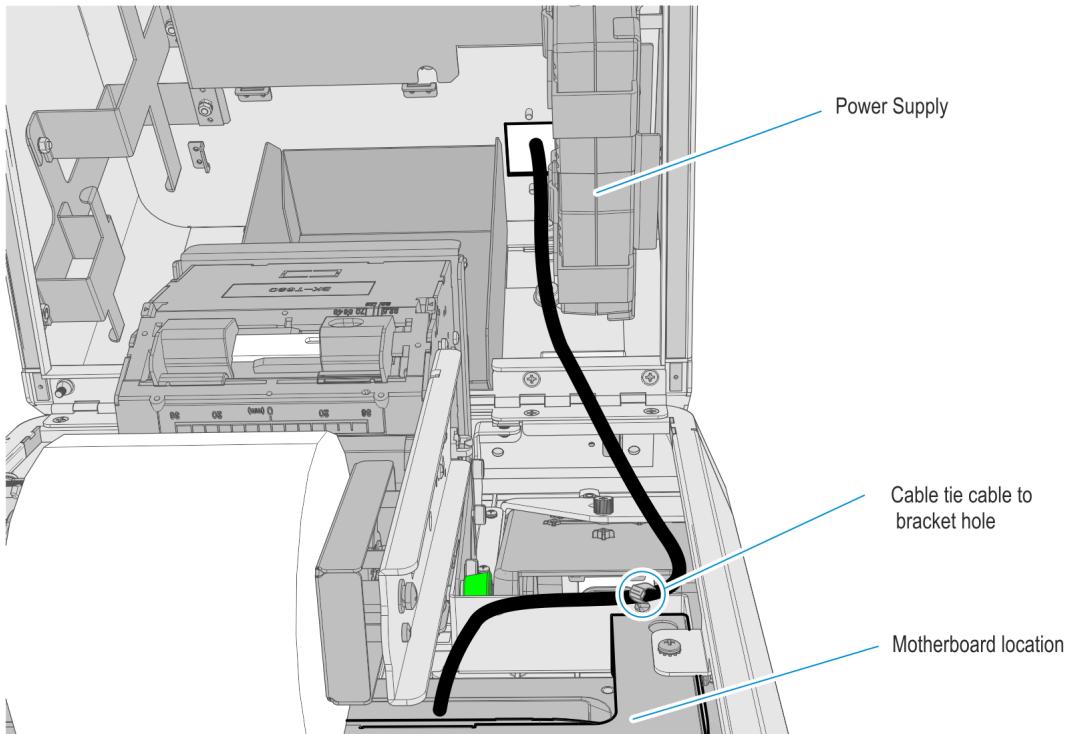
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9. Route the Security Scale USB Cable into the Kiosk cabinet through the rear access hole.

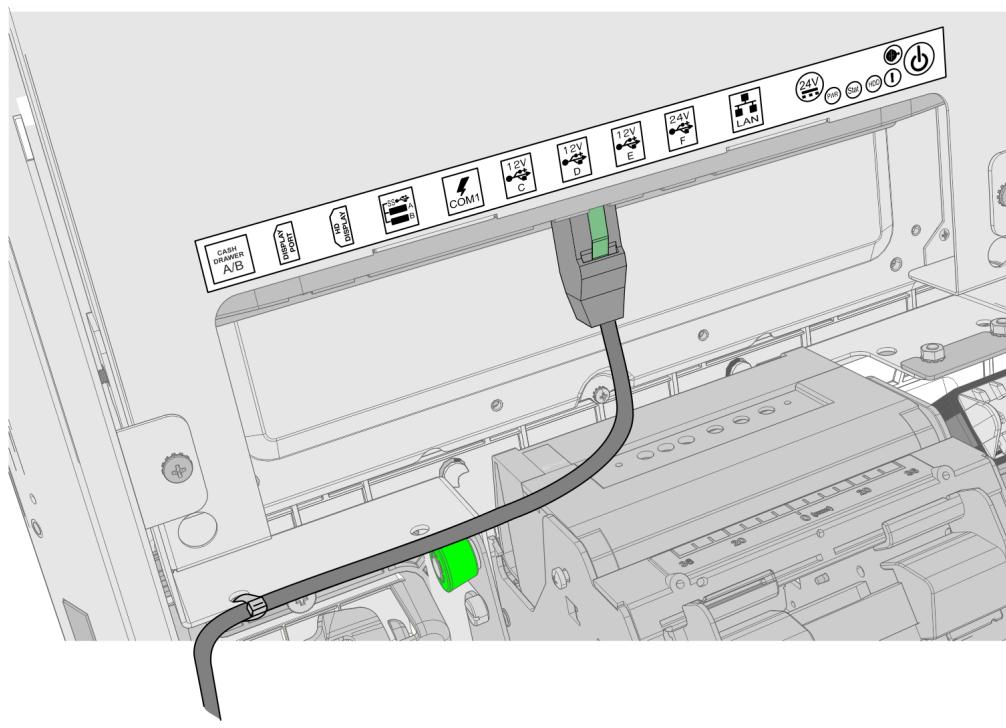


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10. Inside the cabinet, route the cable towards the motherboard and plug the connector to the **USB D** USB+12V power port. Cable tie the cable with other cables as necessary.



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11. Check that all the modules in the kiosk are functioning properly. Make sure that the security scale is level, adjust the leveling mounts as necessary.