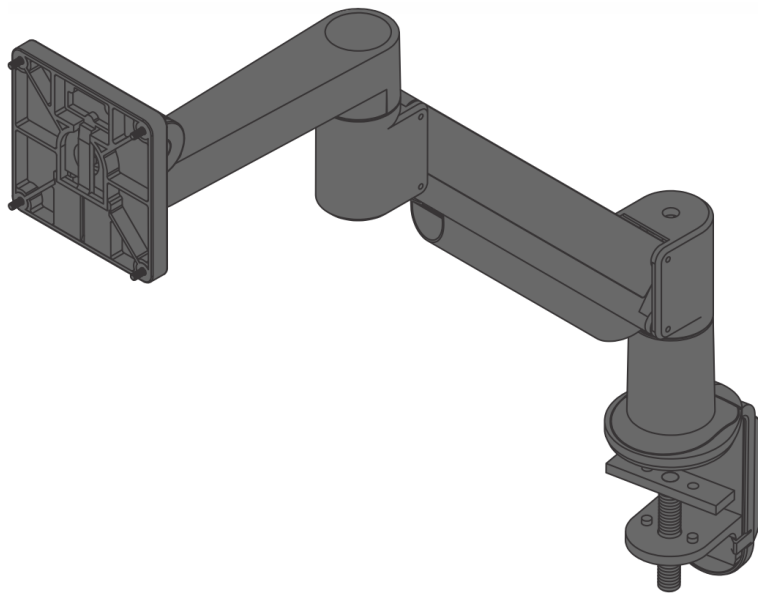# NCR V:YIX

Radial Arm Mount with Quick Connect VESA Plate

Kit Instructions

1668-K004

Issue A

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Revision Record

Issue	Date	Remarks
A	May 2022	First issue.

Radial Arm Mount with Quick Connect VESA Plate

Introduction
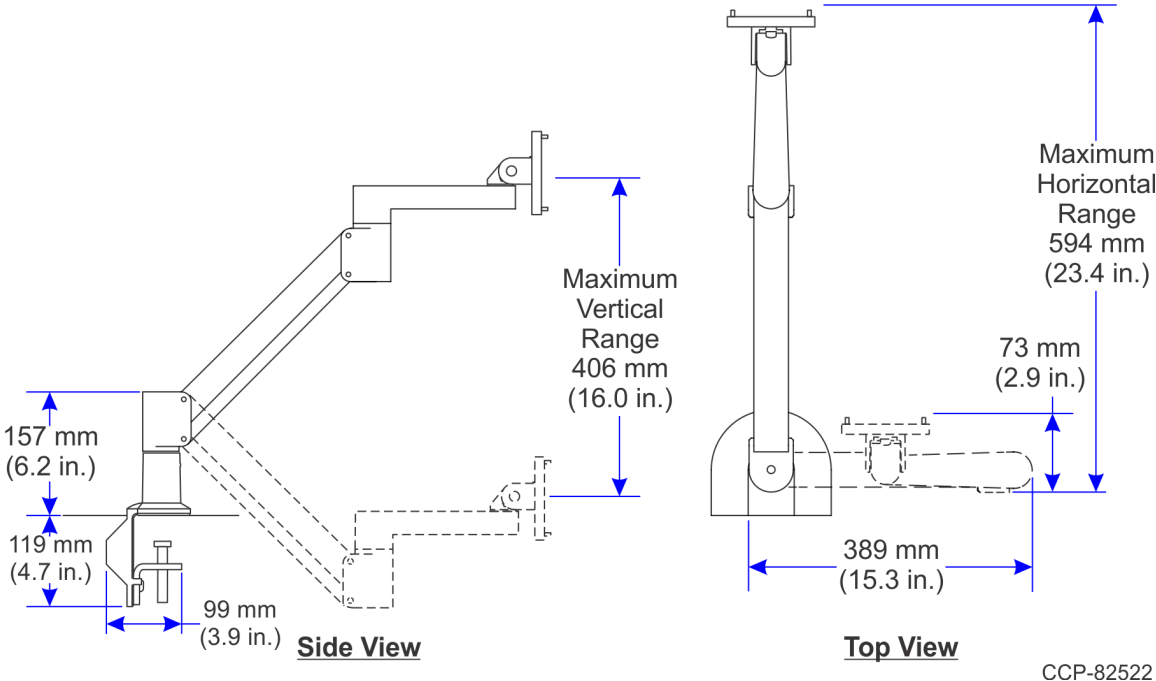

Radial Arm Mount with
Quick Connect VESA Plate
497-0487226
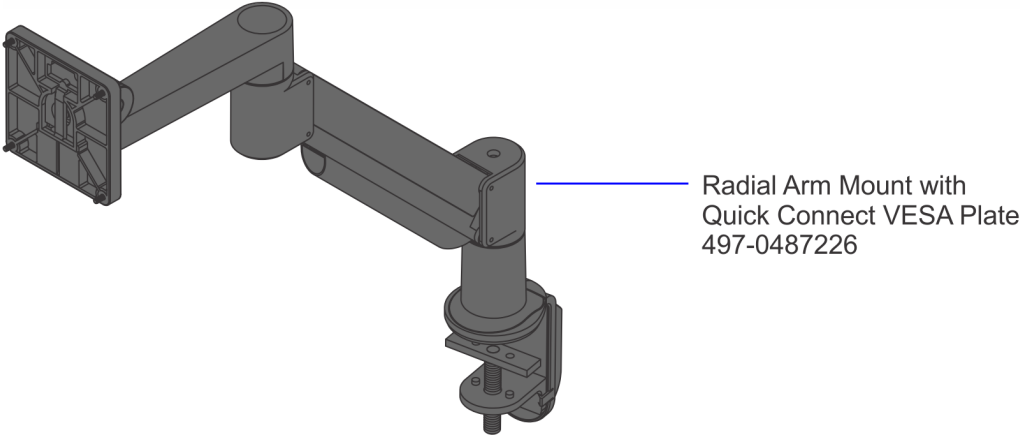
CCP-82521

This kit provides a Radial Arm Mount with a 100 mm Quick Connect VESA Plate. It permits a 2.3 to 7.7 kg (5.0 to 17.0 lbs) display to be mounted on a wall or a tabletop.

The Radial Arm Mount allows for easy vertical and horizontal repositioning of the display.

Maximum
Vertical
Range
406 mm
(16.0 in.)

157 mm
(6.2 in.)

119 mm
(4.7 in.)

99 mm
(3.9 in.)

Side View

Maximum
Horizontal
Range
594 mm
(23.4 in.)

73 mm
(2.9 in.)

389 mm
(15.3 in.)

Top View

CCP-82522

Installation Procedure

1. Install the Mount on a tabletop or on a wall. There are six possible configurations.

Desk Edge   Thru-Desk   Grommet
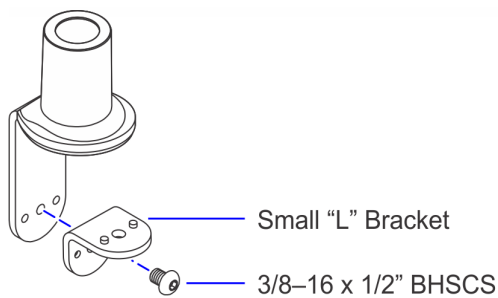
Wall   Reverse Wall   Side Bolt
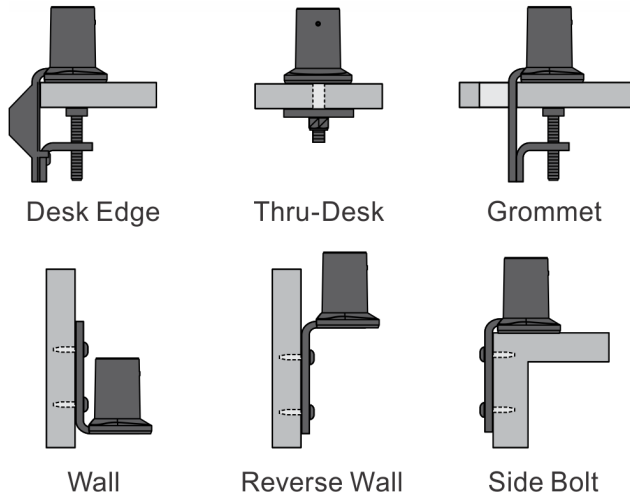
CCP-82523

Desk Edge

a. Assemble the Mount Cup, Mount Cup Rubber Sole, and Large "L" Bracket using the 3/8-16 x 1" Flat Socket Cap Screw and 3/8-16 Nylon Stop Nut.
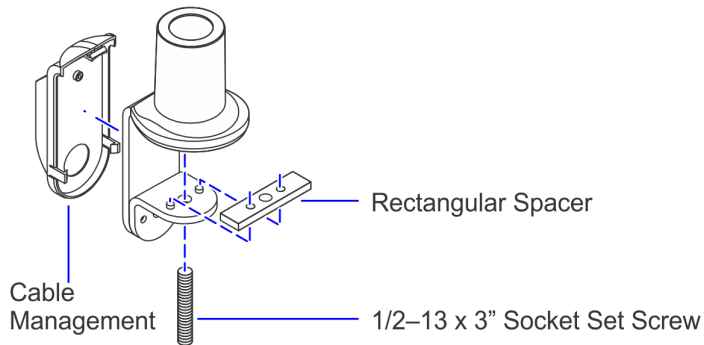

- 3/8–16 Nylon Stop Nut
- Mount Cup
- Mount Cup Rubber Sole
- Large "L" Bracket
- 3/8–16 x 1" Flat Socket Cap Screw
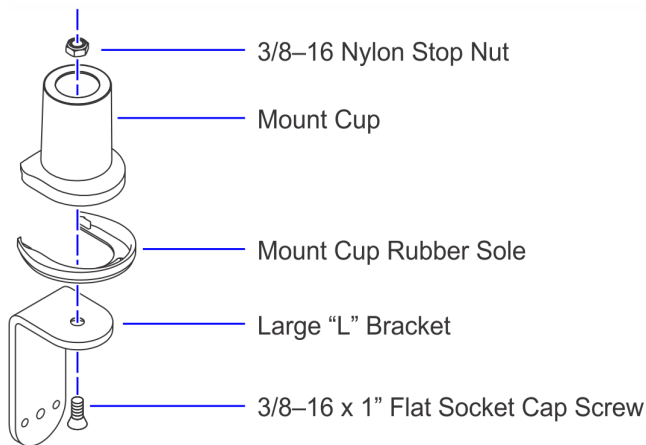
CCP-82524

b. Install the Small "L" Bracket on the assembly using the 3/8-16 X 1/2" BHSCS.


- Small "L" Bracket
- 3/8–16 x 1/2" BHSCS

CCP-82525

c. Position the assembled Mount on the tabletop edge and secure it with the Rectangular Spacer and 1/2-13 x 3″ Socket Set Screw. Then install the Cable Management on the assembly.

Rectangular Spacer

Cable Management

1/2–13 x 3" Socket Set Screw

CCP-82526

Thru-Desk

a. Drill a 3/8″ hole through the tabletop.

b. Install the Mount Cup and Mount Cup Rubber Sole as shown.

3/8–16 x 2½" Hex Head Bolt

Mount Cup

Mount Cup Rubber Sole

Rectangular Spacer
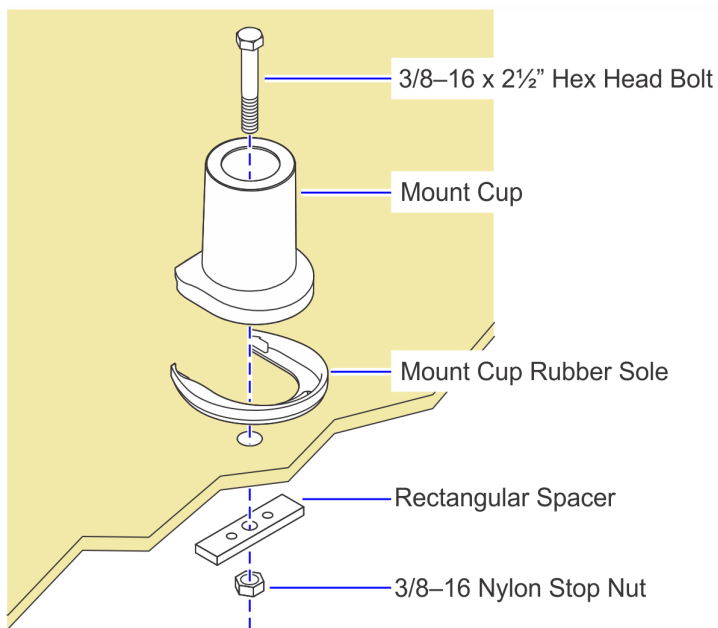
3/8–16 Nylon Stop Nut

CCP-82527

Grommet

a. Install the Mount Cup and Mount Cup Rubber Sole over the grommet hole as shown.

3/8–16 x 2½" Hex Head Bolt

Mount Cup

Mount Cup Rubber Sole

Rectangular Spacer
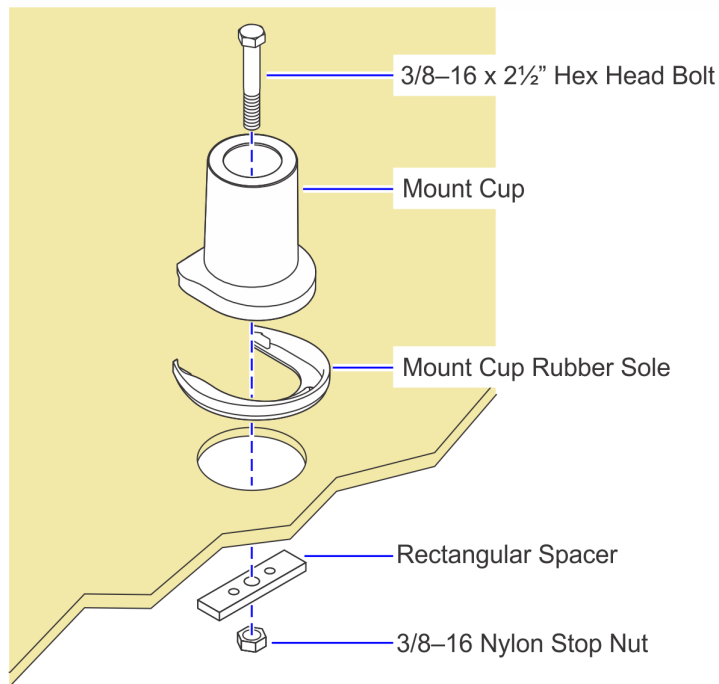
3/8–16 Nylon Stop Nut

CCP-82528

Side Bolt

a. Assemble the Mount Cup, Mount Cup Rubber Sole, and Large "L" Bracket using the 3/8-16 x 1" Flat Socket Cap Screw and 3/8-16 Nylon Stop Nut.

3/8–16 Nylon Stop Nut

Mount Cup

Mount Cup Rubber Sole

Large "L" Bracket
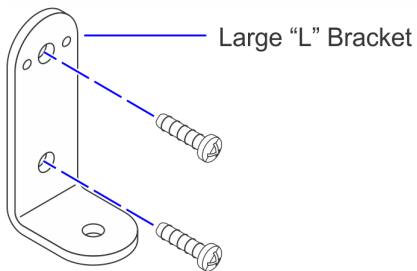
3/8–16 x 1" Flat Socket Cap Screw
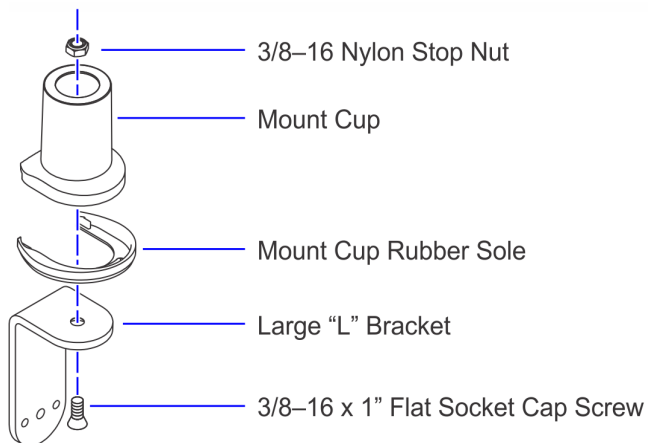
CCP-82524

b. Install the assembled Mount as shown using two (2) screws. Use hardware appropriate for the surface being mounted on.
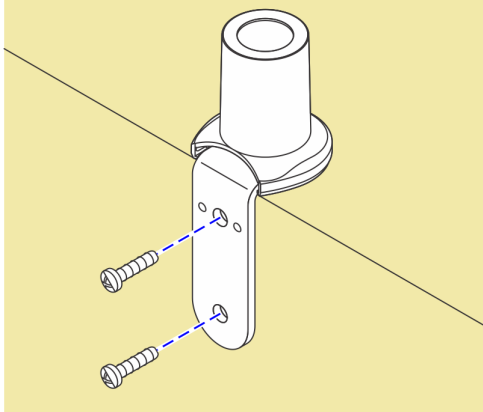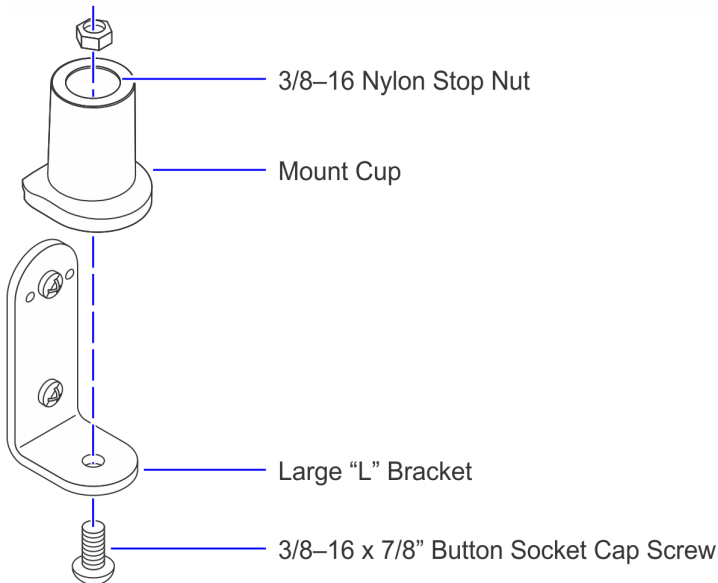

CCP-82531

Wall

a. Install the Large "L" Bracket on the wall in the orientation show (2 screws). Use hardware appropriate for the surface being mounted on.

Large "L" Bracket

CCP-82529

b. Install the Mount Cup on the Large "L" Bracket using the 3/8-16 x 7/8" Button Socket Cap Screw and 3/8-16 Nylon Stop Nut.
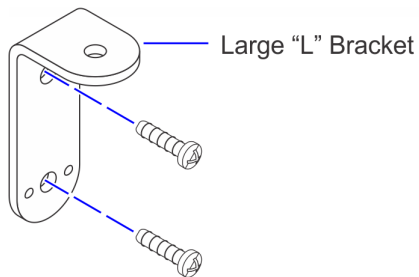

3/8–16 Nylon Stop Nut

Mount Cup

Large "L" Bracket

3/8–16 x 7/8" Button Socket Cap Screw

CCP-82532

Reverse Wall

a. Install the Large "L" Bracket on the wall in the orientation shown (2 screws). Use hardware appropriate for the surface being mounted on.
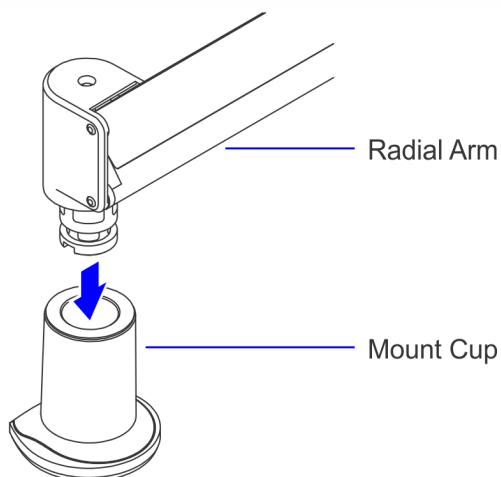

Large "L" Bracket

CCP-82530

b. Install the Mount Cup on the Large "L" Bracket using the 3/8-16 x 1" Flat Socket Cap Screw and 3/8-16 Nylon Stop Nut.

3/8–16 Nylon Stop Nut
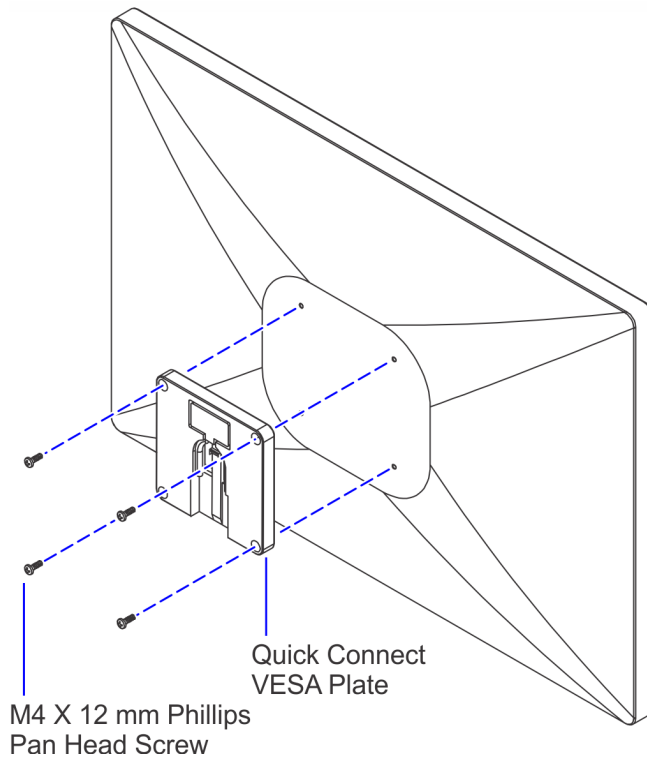
Mount Cup

Large "L" Bracket

3/8–16 x 1" Flat Socket Cap Screw
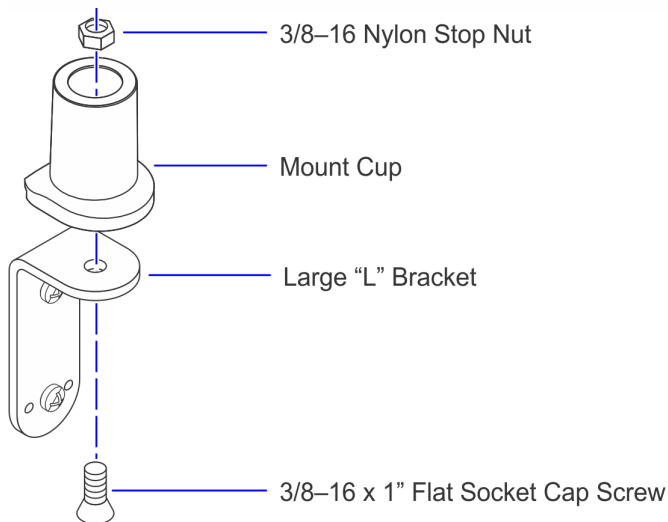
CCP-82533

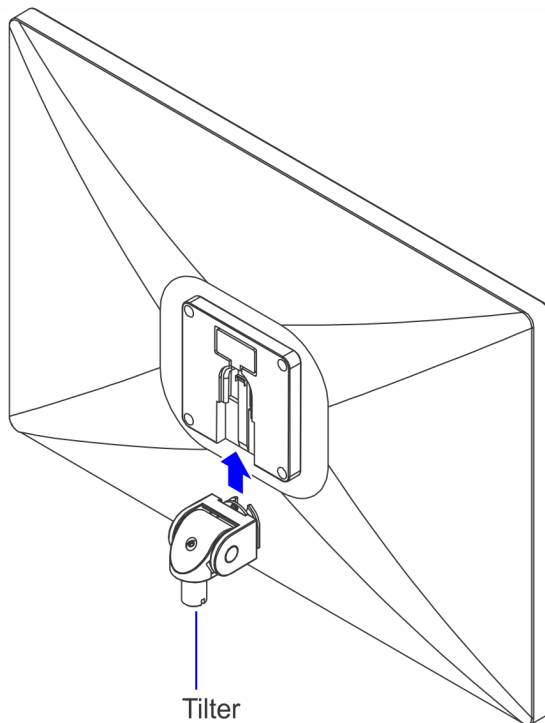2. Install the Radial Arm on the Mount Cup.

Radial Arm

Mount Cup

CCP-82534

3. Install the Quick Connect VESA Plate on the display using four (4) M4 x 12 mm Phillips Pan Head Screws.

Quick Connect
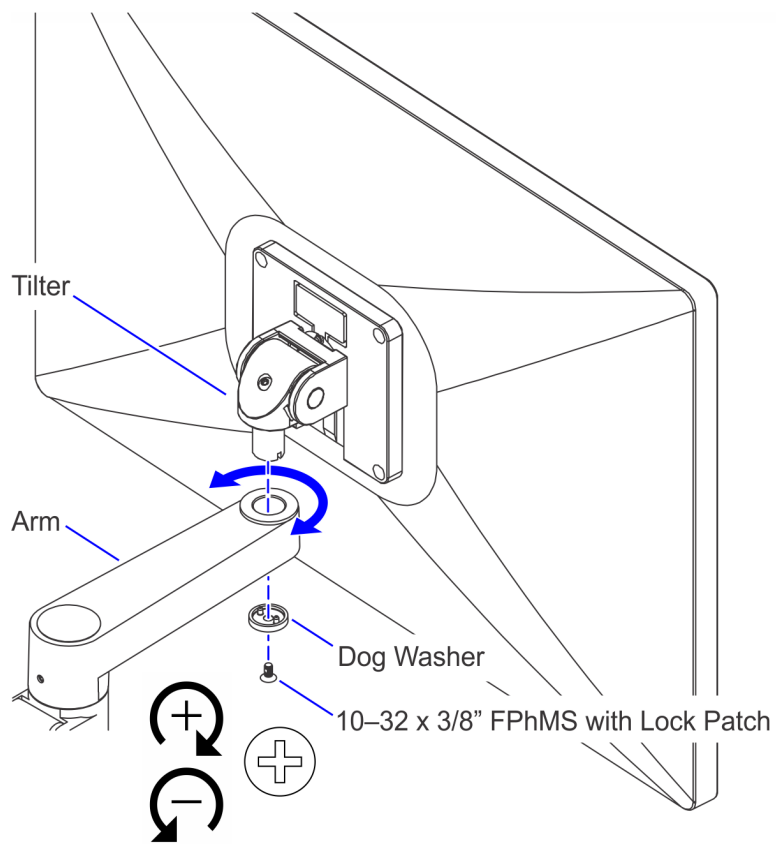VESA Plate

M4 X 12 mm Phillips
Pan Head Screw

CCP-82535

4. Insert the Tilter into the Quick Connect VESA Plate until it clicks into place.
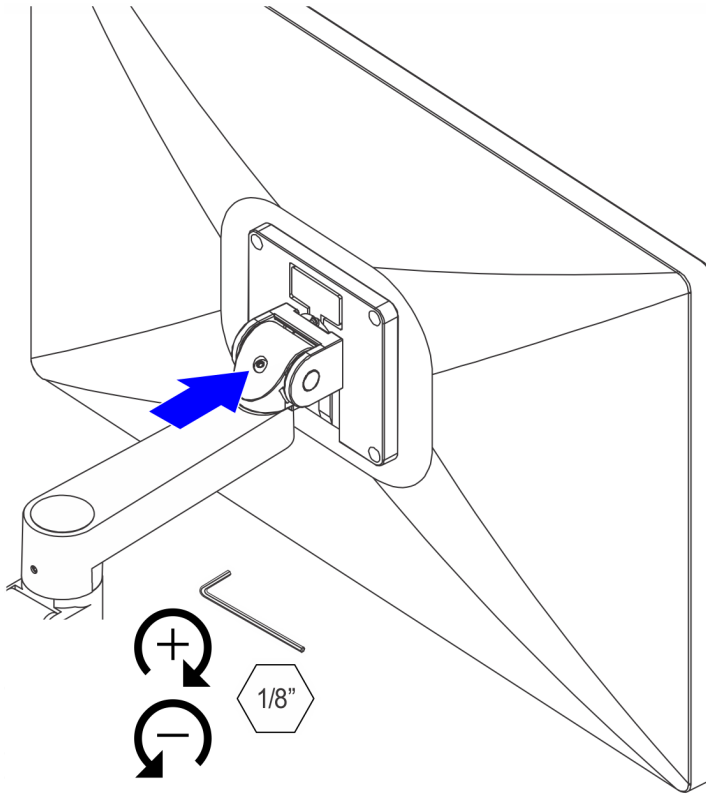

Tilter

CCP-82536

5. Install the Tilter on the Arm using the Dog Washer and 10-32 x 3/8″ FPhMS with Lock Patch.

Tilter

Arm

Dog Washer

10–32 x 3/8" FPhMS with Lock Patch
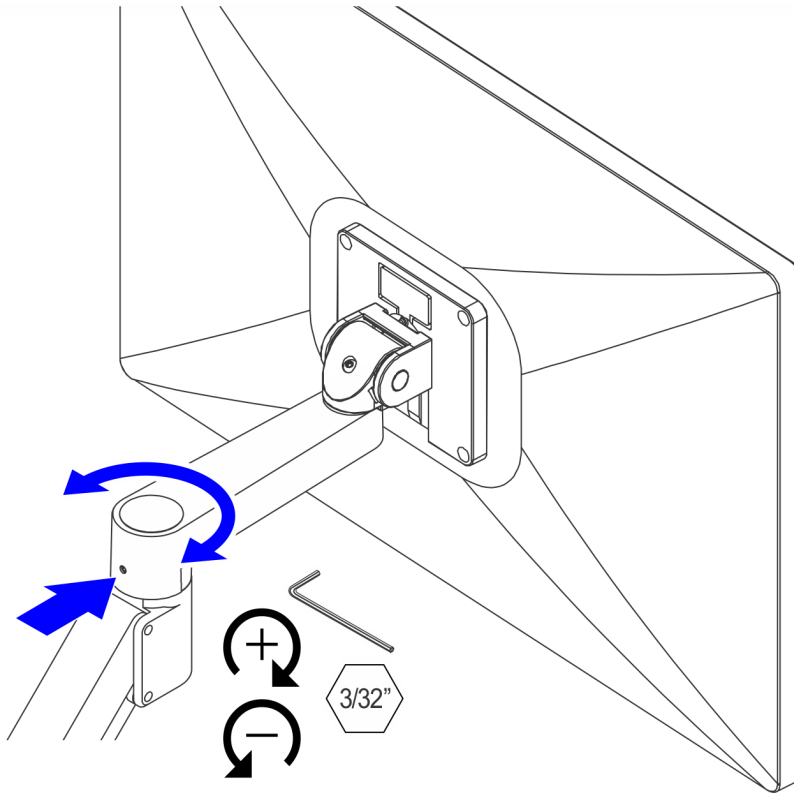
CCP-82537

6. Use a 1/8" Allen Wrench to adjust the tilt angle of the display.

CCP-82538
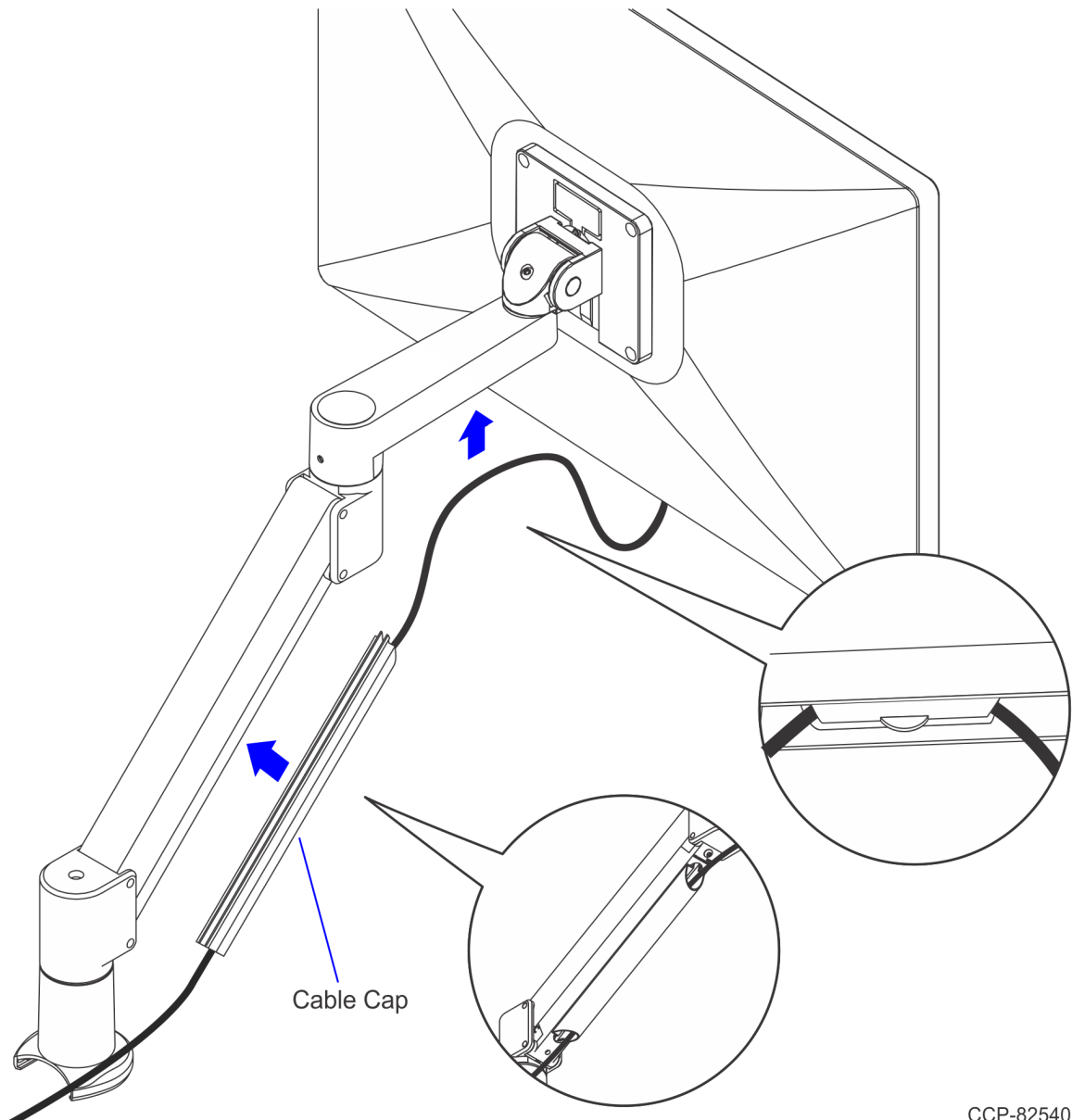
7. Check and adjust the Arm for counterbalance. For more information, refer to **"Counterbalancing the Arm"** on page 17.

8. Use a 3/32″ Allen Wrench to adjust the horizontal rotation of the arm at the joint as shown.
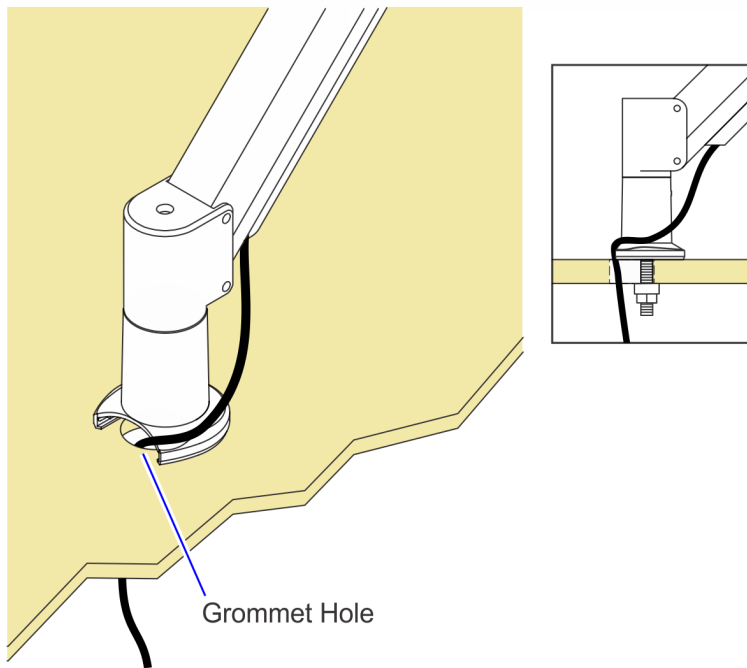

CCP-82539

9. Route the cable as shown and secure the cable on the arm using the Cable Cap.

Cable Cap

CCP-82540

> 📑 **Note**
>
> If the Mount Cup is installed over a grommet hole, route the cable down
> through the hole.

Grommet Hole

CCP-82541

Counterbalancing the Arm

To counterbalance the arm, follow these steps:

1. Press the arm down to approximately parallel with the tabletop then use a 7/32" Allen Wrench to turn the strength adjustment screw. If the Arm drifts upward, turn the adjustment screw clockwise. If the Arm drifts downward, turn the adjustment screw counter-clockwise.
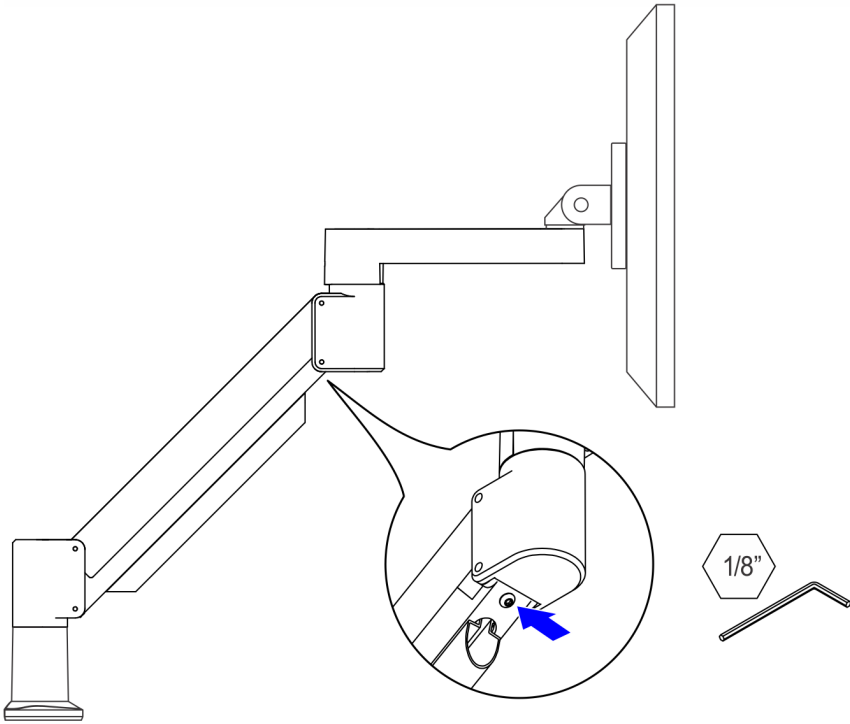
> 📝 **Note**
>
> Depending on the weight of the display, the adjustment screw may have to be turned 15 to 20 times.
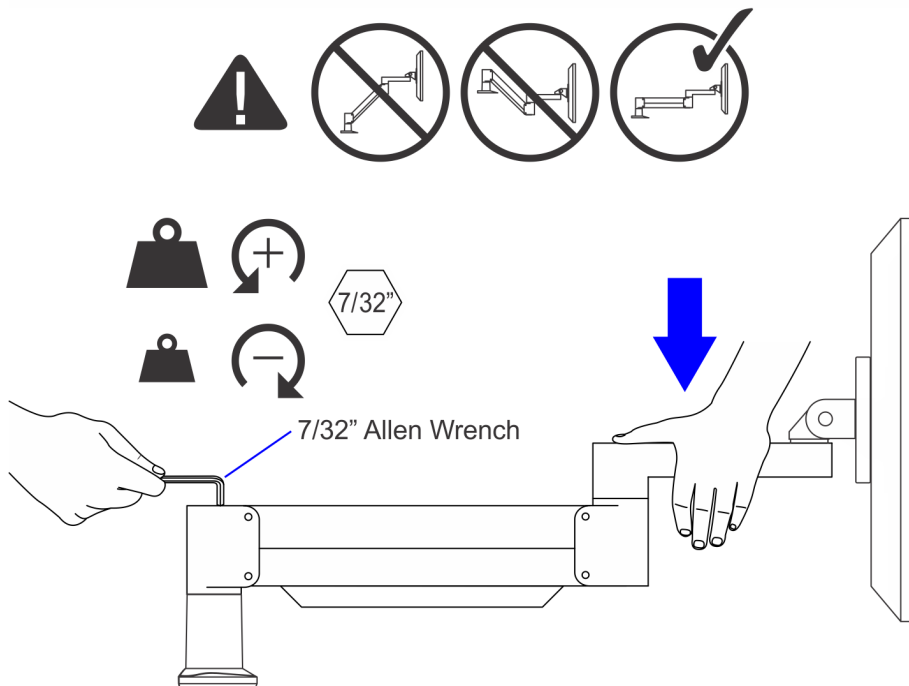
7/32" Allen Wrench

CCP-82542

2. If the Arm is not staying in position after performing step 1, use a 1/8" Allen Wrench to tighten the adjustment screw in the location shown.

1/8"

CCP-82543