NCR VOYIX

Radial Arm Mount

Kit Instructions

1668-K015, K034

Issue A

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Revision Record

Issue	Date	Remarks
A	Apr 2022	First Issue
B	May 2022	Added 1668-K034

Radial Arm Mount
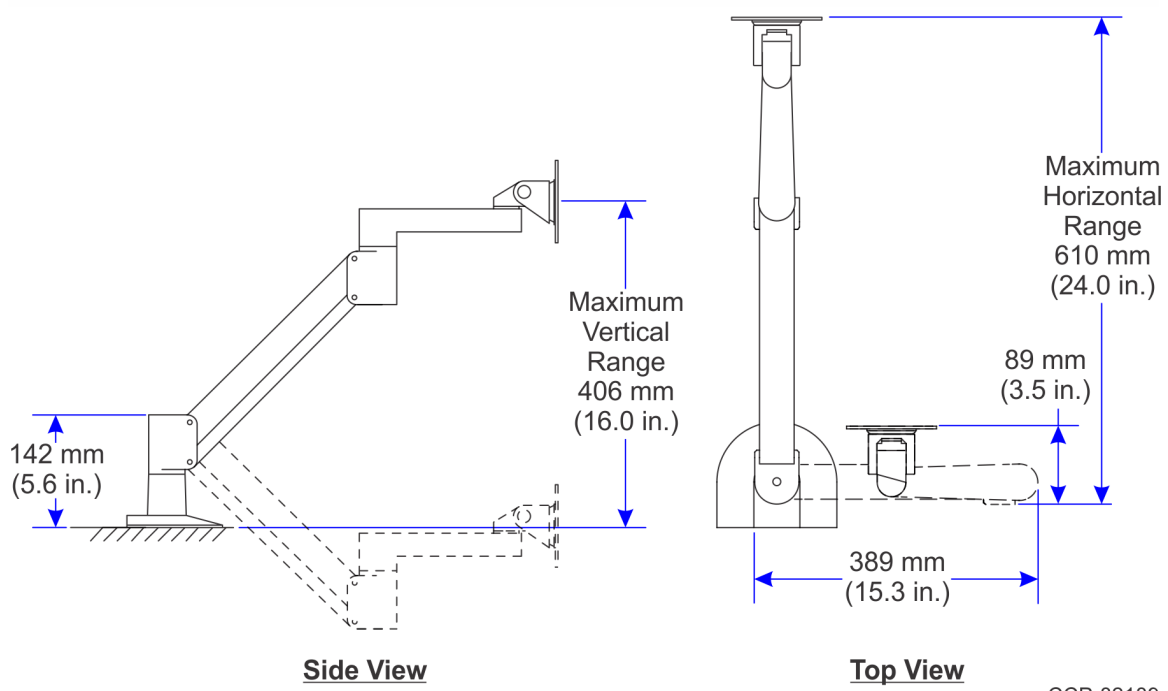
Introduction
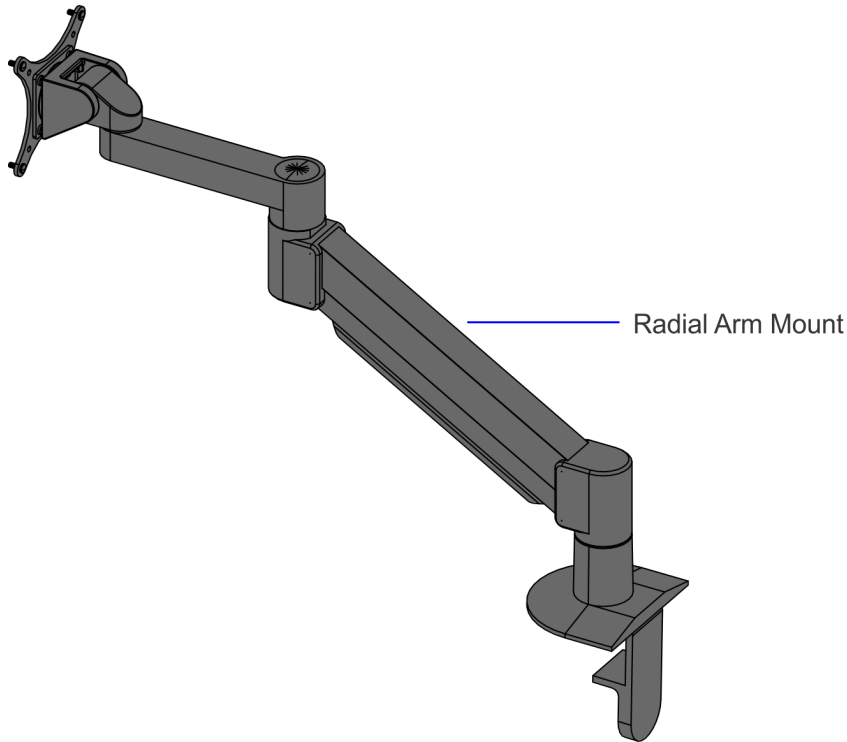
Radial Arm Mount

CCP-82188

The Radial Arm Mount permits a display to be mounted on a wall or a tabletop. It is equipped with a 75 mm and 100 mm VESA adapter plate.

There are two Radial Arm Mount kits available.

Kit Number	Part Number	Display Weight Capacity
1668-K015	497-0486483	supports a 3.4 to 11.3 kg (7.5 to 25.0 lbs) display
1668-K034	497-0526229	supports a 0.9 to 5.9 kg (2.0 to 13.0 lbs) display

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

142 mm
(5.6 in.)

Maximum
Vertical
Range
406 mm
(16.0 in.)

Side View

Maximum
Horizontal
Range
610 mm
(24.0 in.)

89 mm
(3.5 in.)

389 mm
(15.3 in.)

Top View

CCP-82189

Installation Procedure

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

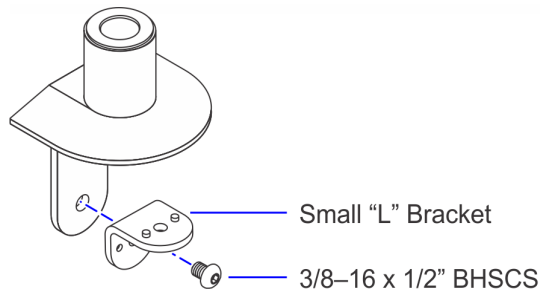| Desk Edge | Thru-Desk | Grommet |

| Wall | Reverse Wall | Side Bolt |
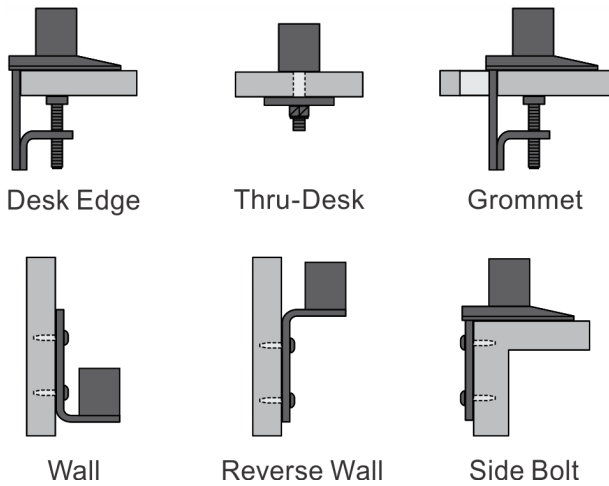
CCP-82190

Desk Edge

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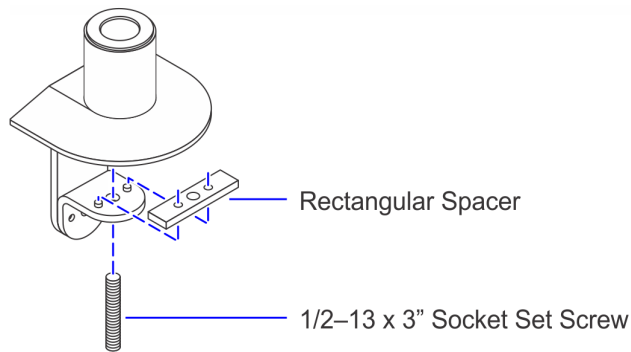

- 3/8–16 Nylon Stop Nut
- Mount Column
- Base Plate
- Large "L" Bracket
- 3/8–16 x 1" Flat Socket Cap Screw
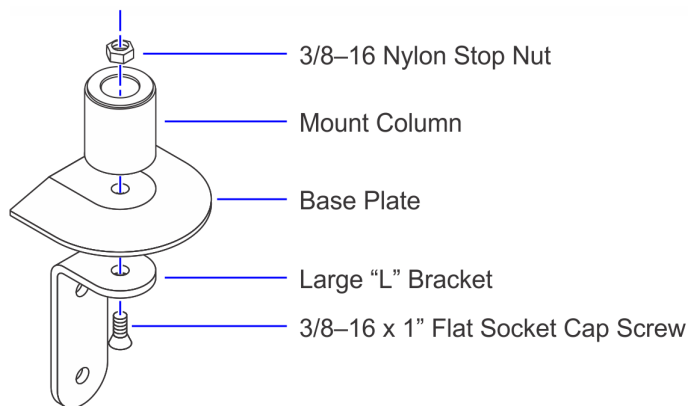
CCP-82192

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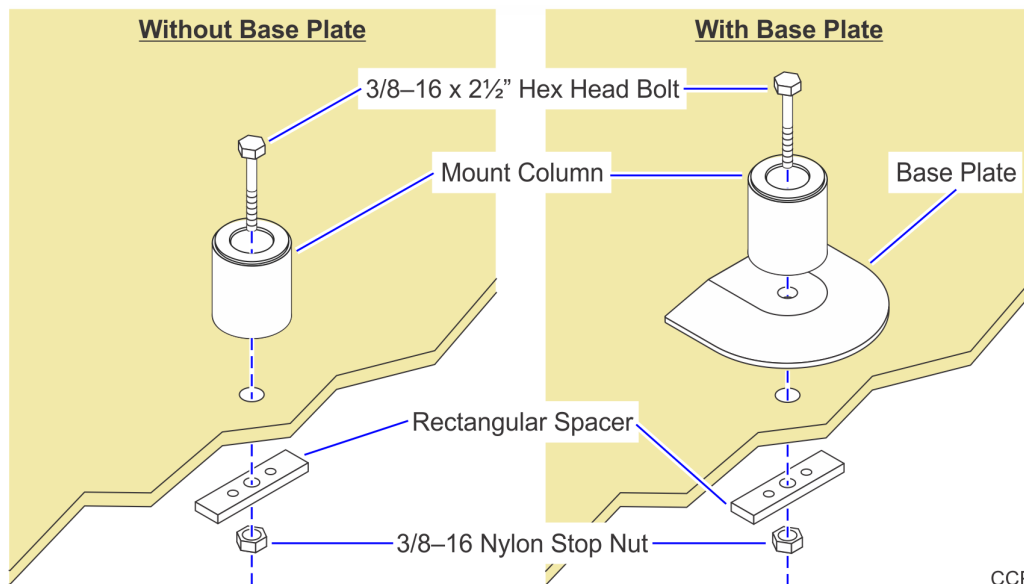

- Small "L" Bracket
- 3/8–16 x 1/2" BHSCS

CCP-82193

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.

Rectangular Spacer

1/2–13 x 3" Socket Set Screw

CCP-82194

Thru-Desk — The Mount can be bolted through a tabletop with or without the Base Plate.

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

b. Install the Mount Column, with or without the Base Plate, as shown.

Without Base Plate	With Base Plate

3/8–16 x 2½" Hex Head Bolt

Mount Column   Base Plate

Rectangular Spacer
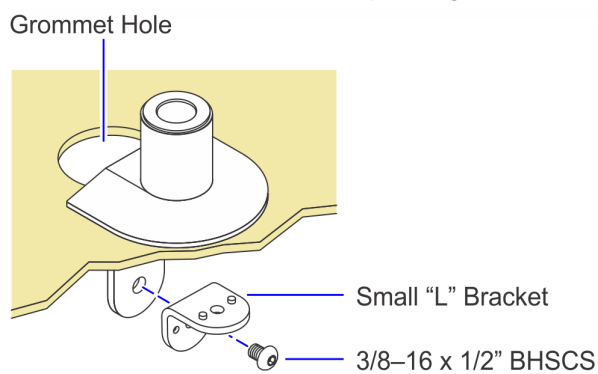
3/8–16 Nylon Stop Nut

CCP-82195

Grommet — The Mount can be installed through a 2.5″ or larger Grommet Hole.

a. Assemble the Mount Column, Base Plate, and Large "L" Bracket using the 3/8-16 x 1″ Flat Socket Cap Screw and 3/8-16 Nylon Stop Nut.
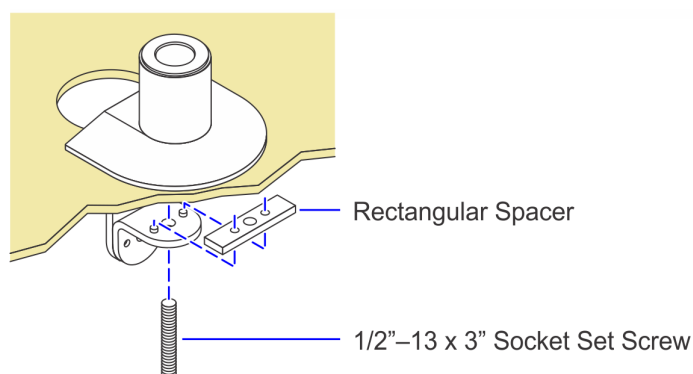

3/8–16 Nylon Stop Nut

Mount Column

Base Plate

Large "L" Bracket

3/8–16 x 1" Flat Socket Cap Screw
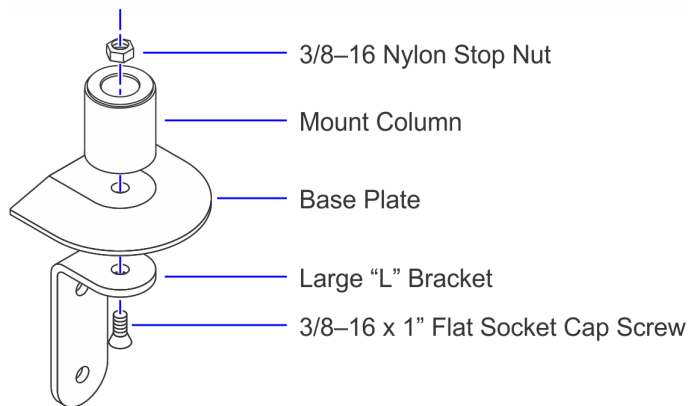
CCP-82192

b. Position the assembled mount through the Grommet Hole then install the Small "L" Bracket on the assembly using the 3/8-16 X 1/2″ BHSCS.

Grommet Hole

Small "L" Bracket

3/8–16 x 1/2" BHSCS

CCP-82196

c. Secure the Mount with the Rectangular Spacer and 1/2″-13 x 3″ Socket Set Screw.

Rectangular Spacer

1/2"–13 x 3" Socket Set Screw

CCP-82197

Side Bolt

a. Assemble the Mount Column, Base Plate, 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 Column

    Base Plate

    Large "L" Bracket
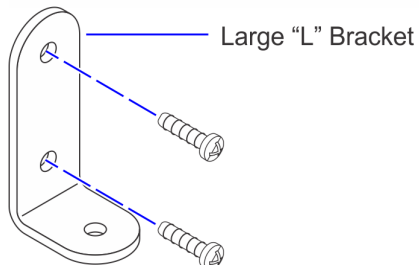
    3/8–16 x 1" Flat Socket Cap Screw
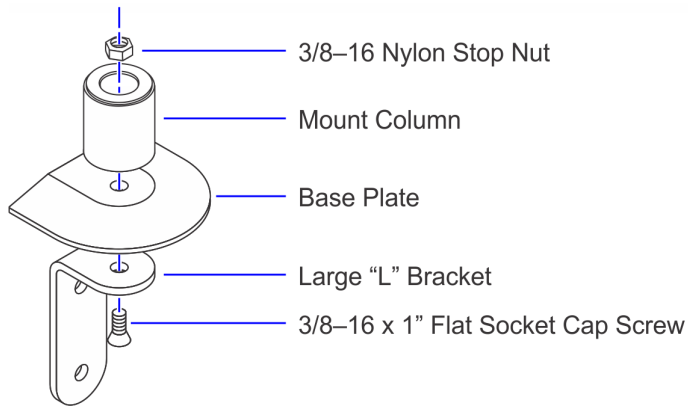
CCP-82192

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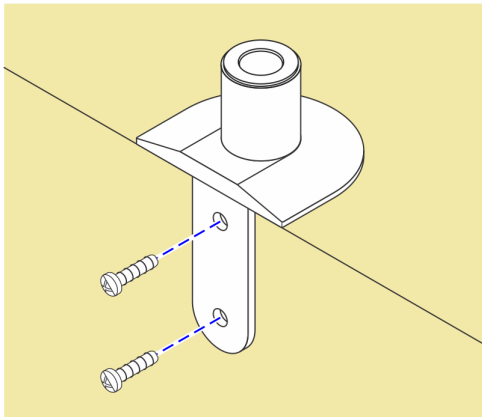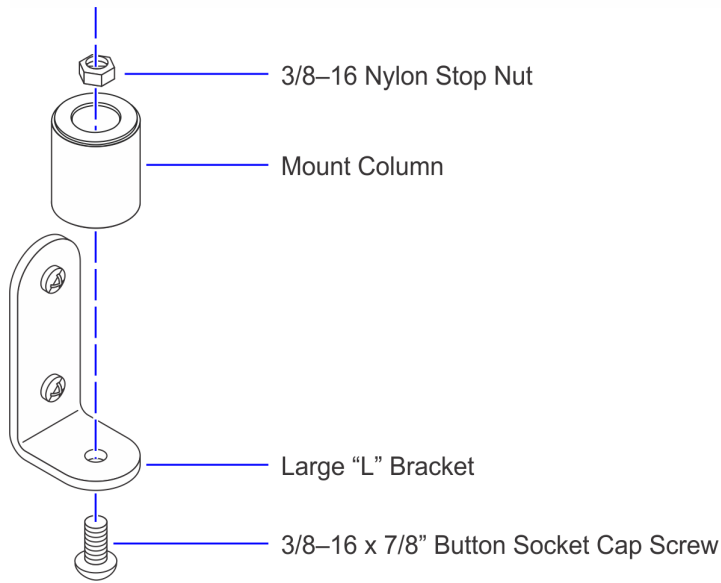

CCP-82198

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.
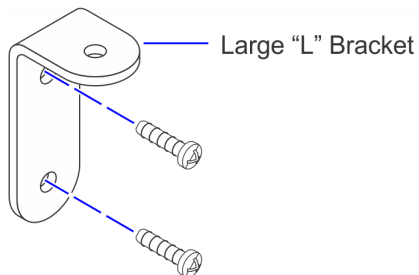

    Large "L" Bracket

CCP-82199

b. Install the Mount Column 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 Column

Large "L" Bracket

3/8–16 x 7/8" Button Socket Cap Screw

CCP-82500

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.
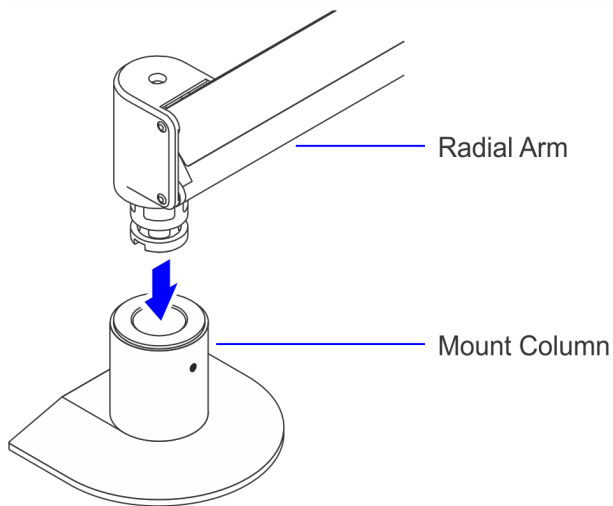
Large "L" Bracket

CCP-82501

b. Install the Mount Column 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
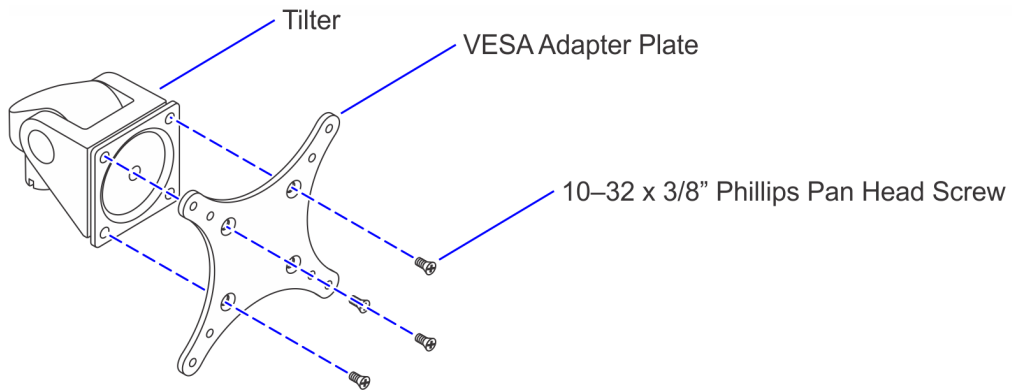
Mount Column

Large "L" Bracket

3/8–16 x 1" Flat Socket Cap Screw
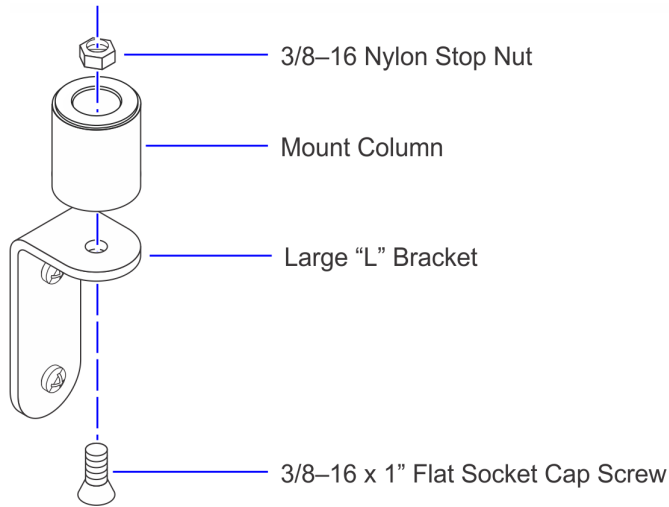
CCP-82502

2. Install the Radial Arm on the Mount Column.

Radial Arm

Mount Column

CCP-82503

3. Install the VESA Adapter Plate on the Tilter using four (4) 10-32 x 3/8″ Phillips Pan Head Screws.

Tilter

VESA Adapter Plate

10–32 x 3/8" Phillips Pan Head Screw

CCP-82504

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

M4 X 12 mm Phillips Pan Head Screw
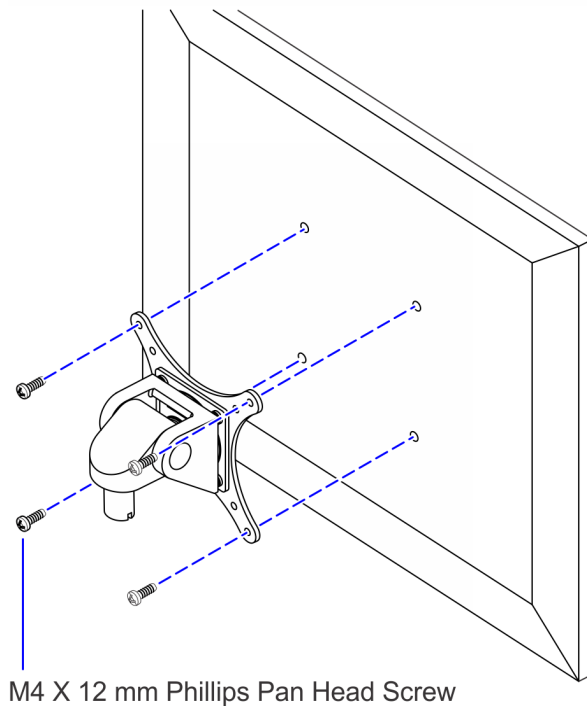
CCP-82505

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
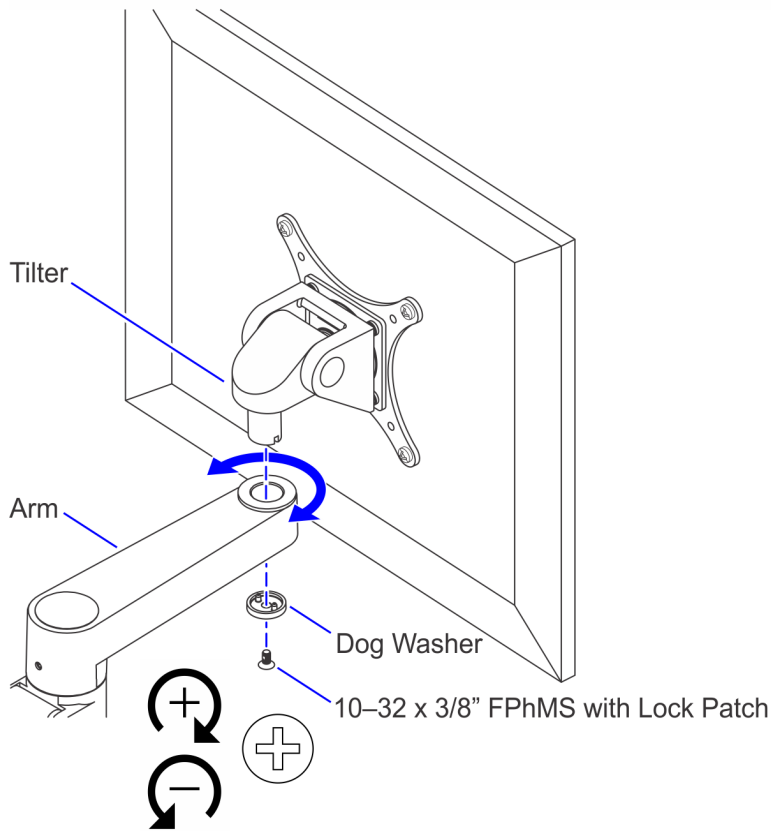
CCP-82506

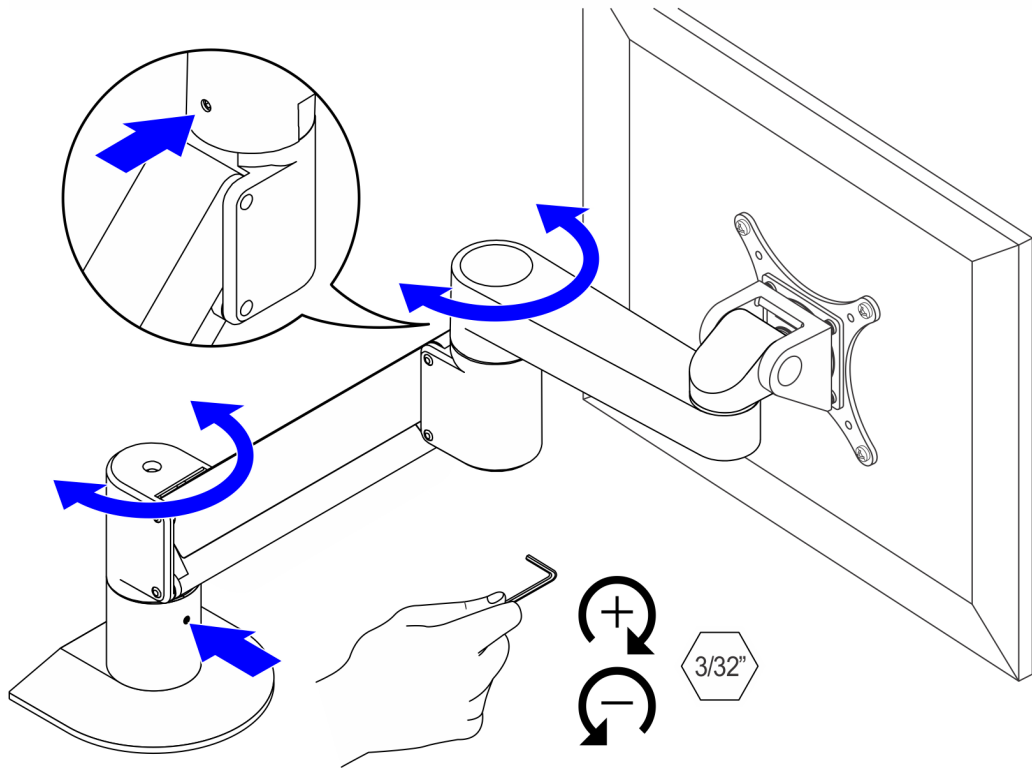6. Use a 7/32″ Allen Wrench to adjust the tilt angle of the display.

7/32"

7/32" Allen Wrench
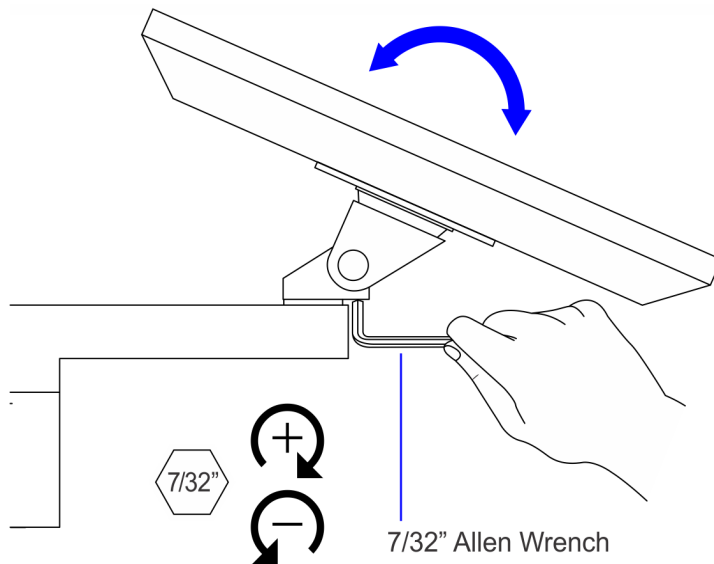
CCP-82507

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

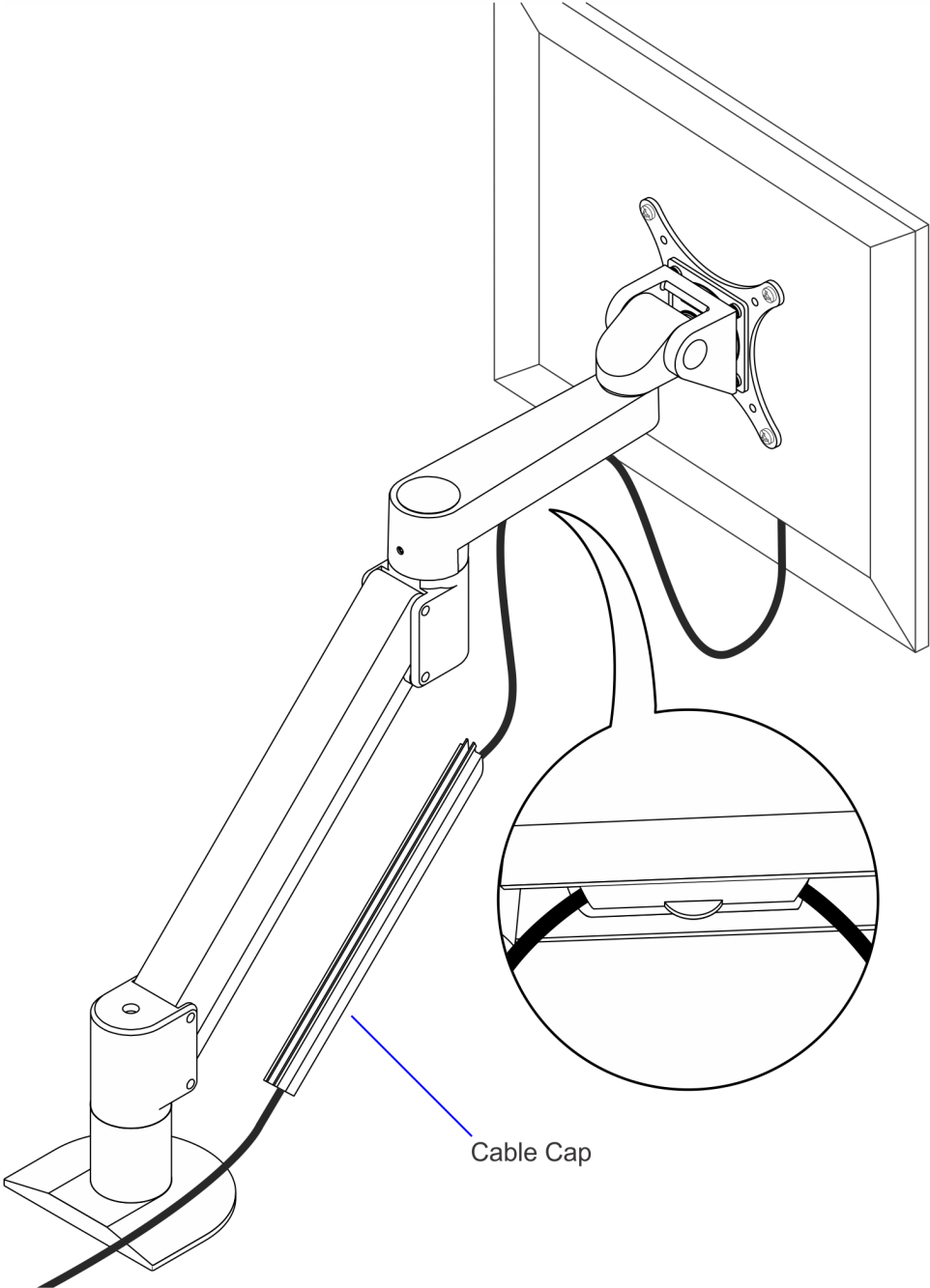8. Use a 3/32" Allen Wrench to adjust the horizontal rotation of the arm at the two joints as shown.

CCP-82508

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

Cable Cap

CCP-82509

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.
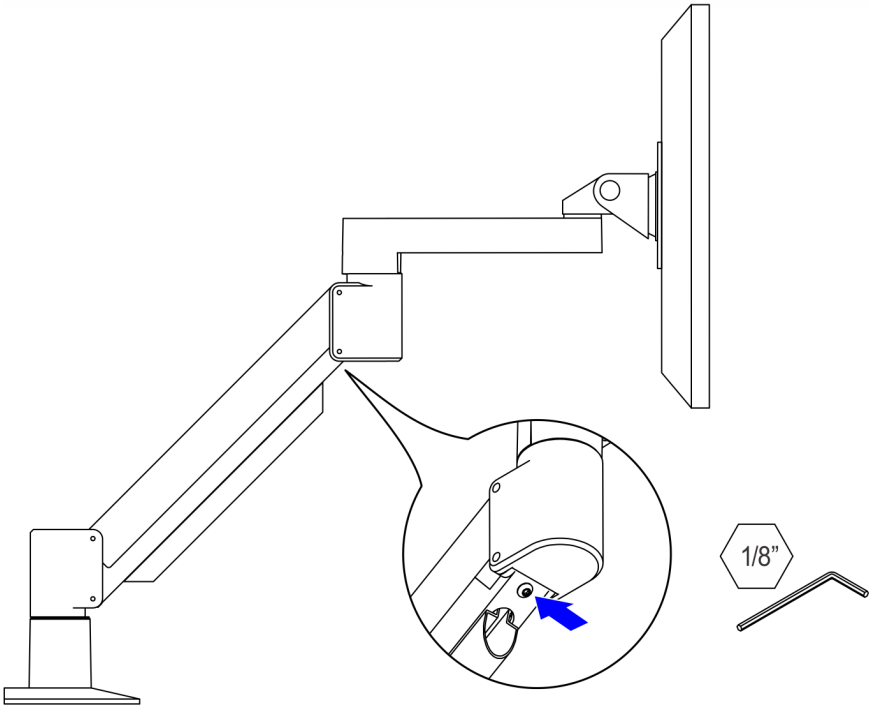
    > **Note**
    >
    > Depending on the weight of the display, the adjustment screw may have to be turned 15 to 20 times.
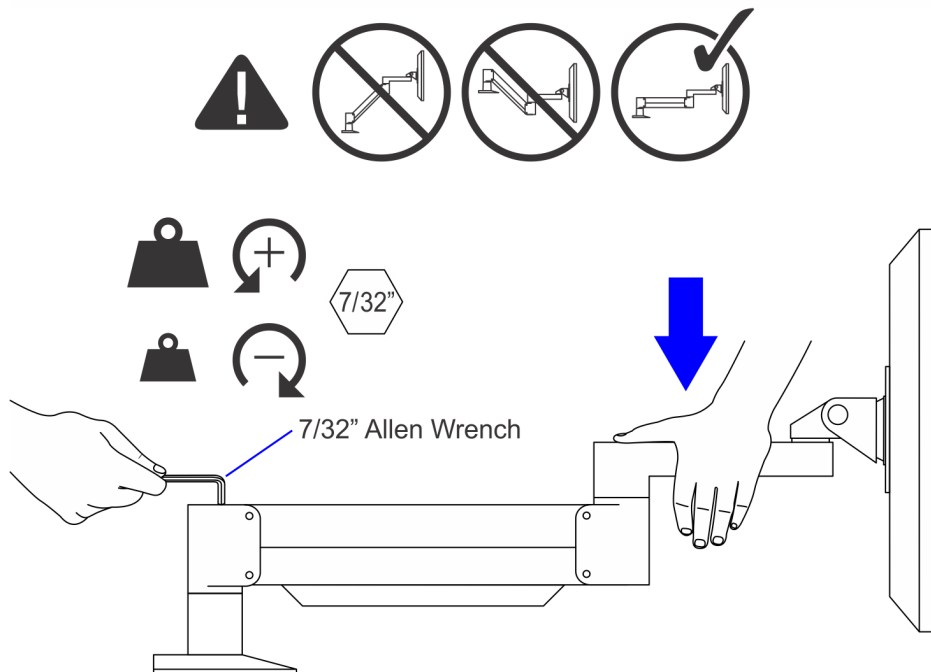
CCP-82510

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.

CCP-82511