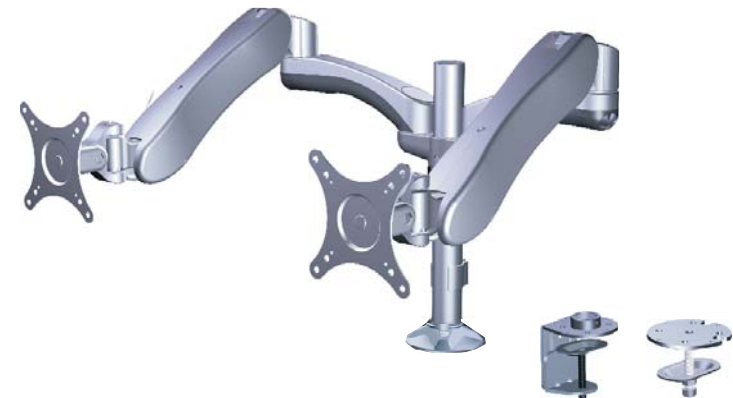




EAG-640A-DEK Desktop Mount LCD Arm

Instruction Manual



Display Size
Compatibility



Maximum Weight
Capacity

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Installation Manual & Parts List

Disclaimer

Zilla Technology intended to make this manual completely all right. However, Zilla Technology makes no claim that the information comprised herein covers all conditions or details in connection with installation or use of this product. The information comprised here is subject to change without notice or obligation of any kind. Zilla Technology assumes no responsibility for accuracy or adequacy of information comprised in this document. Images may different from actual product

Installation Safety Instructions



Read the following Instructions before installing

A warning alerts you to the possibilities of personal injury or damage to equipment if you do not follow the corresponding instructions.

- Verify all parts are included. Do not install if the products or hardware is damage.

Not all hardware included will be used.

- This product contains small items, moving parts, keep these items away from children
- Do not exceed the maximum weight capacity for this product. Exceeding the weight capacity can result in serious personal injury or damage to equipment!
- The table installed must be strong and stable enough for supporting this LCD Arm and display.

Using of improper screws size may damage your display. If spacers are required, be sure to use correct size of screws. Proper screws used will easily and completely thread into the display mounting holes. Inadequate thread engagement in the display may cause display falling.

It is installer's responsibility to make sure the combined weight of all components does not exceed weight capacity of 3-8kg (6.6lbs-17.6lbs). Exceeding weight capacities can result in severe personal injury or damage to equipment.

Allowing any part of your component cables to be caught between movable parts can result in serious personal injury or damage to equipment.

The LCD Arm will spring upward and may cause personal injury or equipment damage when weight of monitor is removed. Secure arm by lifting the arm to full up position when monitor is removed.

2.To assess the fit between a person and their work, agronomists recommended that the optimal of your screen position should be slightly below eye level. Viewing angle should be approximately 10°-20°downward of the screen's centre. The lumbar (bottom five vertebrate in the spine) needs to be supported to decrease disc pressure. Providing both a seat back that inclines backwards and has a lumbar support is critical to prevent excessive low back pressures. The combination which minimizes pressure are recommended on seating ergonomic which the wrist angle must be straight, seat angle and knee angle must be on 90°angle. Angular adjustment to reduce reflection on your monitor. The range should be between 5°forward tilt to 15°backward tilt. (See Figure6-2)

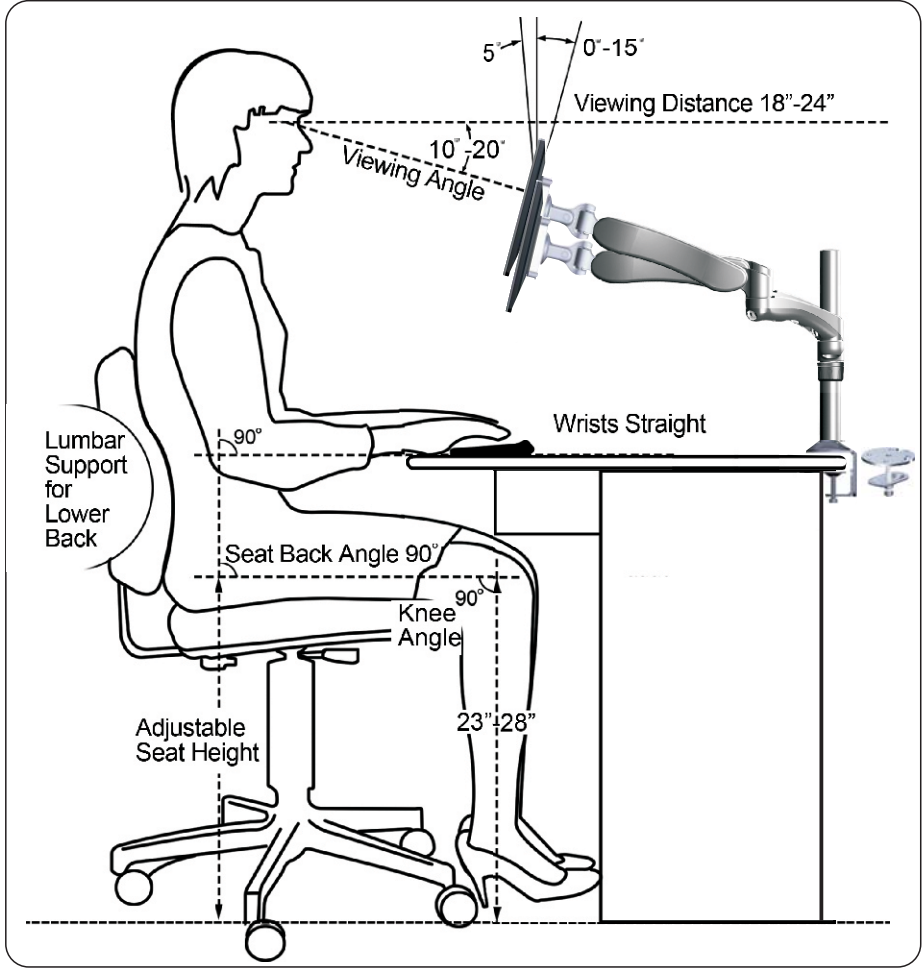
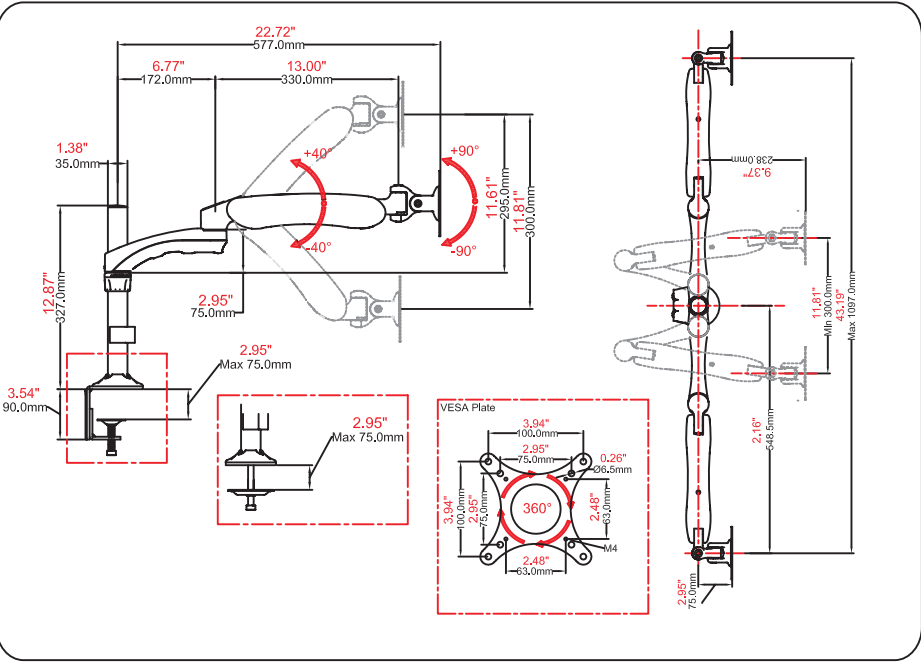


Figure 6-2
















Specifications

Weight Capacity	3-8kg(6.6lbs-17.6lbs)
Suits LCD Flat Panel Displays	12"-24"(305mm-610mm)
Arm folds to pole	2.95" (75mm)
Maximum Extends	22.72" (577mm)
Arm Lift Range	±40° 11.8"(300mm)
Vertical Height Adjustments Allows on Pole	≤12.9" (327mm)
Mounting surface thickness	Desk Clamp - 2.95" (75mm) Grommet – 2" (75 mm)
Tilt Angle	±90°
At Interface	±90°
At Centre Pivot & Display Rotation	360°

Product Dimensions



Supplied Parts

1  Articulating Arm 1 Qty.1	2  Articulating Arm 2 Qty.1	3  Desk Clamp Qty.1
4  Spacer Qty.8	5  Philips Screw M4x12mm Qty.8	6  Philips Screw M4x25mm Qty.8
7  Grommet Plate Qty.1	8  Allen Wrench 3mm Qty.1	9  Allen Wrench 4mm Qty.1
10  Allen Wrench 2.5mm Qty.1	11  Plastic Gasket Cushion Qty.4	12  Cable Clip Qty.1
13  Philips Screw M6x12mm Qty.2	14  Cover Qty.2	15  Washer M6 Qty.2

Step 【6】

Ergonomic Guidelines

Note: Proper ergonomic design is necessary to prevent repetitive strain injuries, which can develop over time and can lead to long-term disability

1.Ensure the correct focal distance for ultimate visual comfort. For visual comfort, a viewing distance between 460mm (18") to 610mm (24") is recommended. (See Figure6-1)

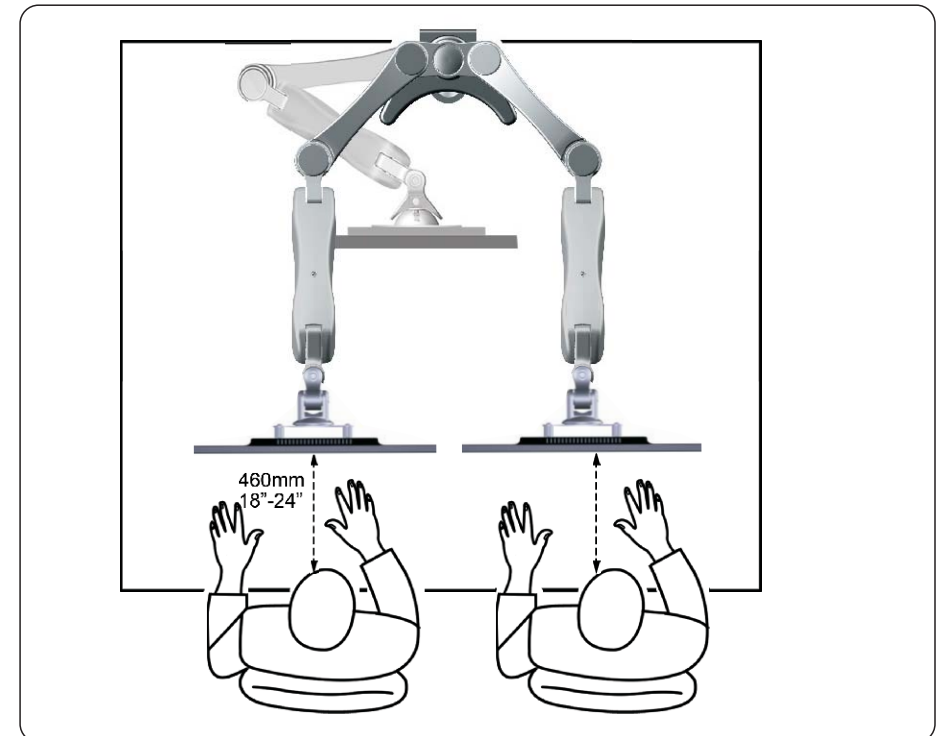


Figure 6-1

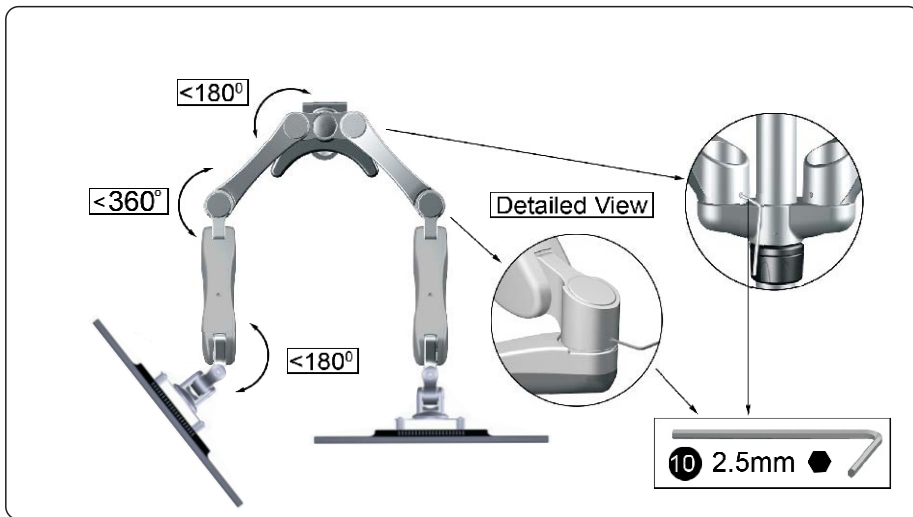


Figure 5-7



Required Tools



ASSEMBLY and INSTALLATION

INSPECT THE MOUNT BEFORE ASSEMBLY

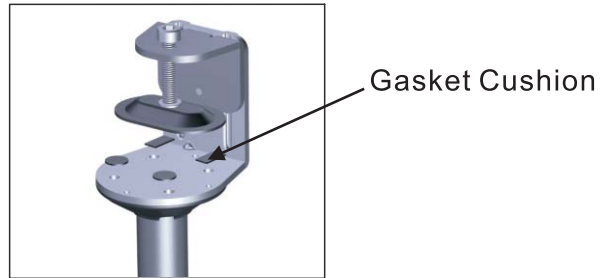
1. Carefully inspect the mount components for shipping damage.
2. If mount components damage is apparent, call your carrier claims agent and do not continue with the installation until carrier has reviewed the damage.

Note: Read all assembly instructions before starting the installation process.

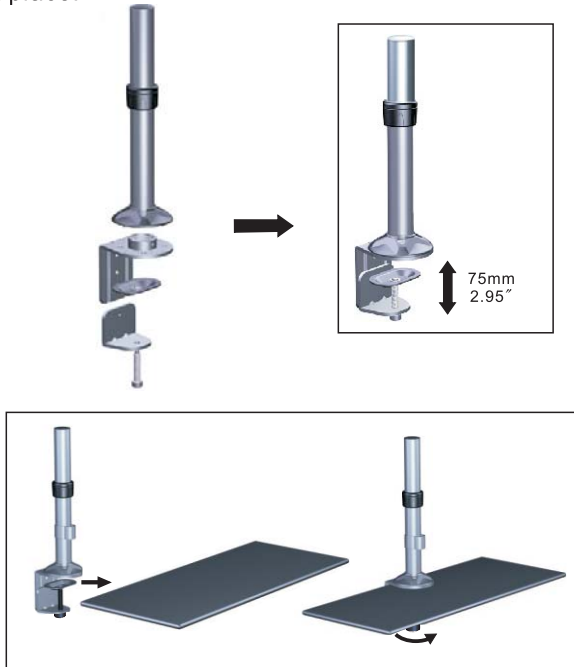
Installation Instructions

Step[1] Desk Clamp Mount Option

1. Attach Gasket Cushion to Desk Clamp base.



2. Place the Desk Clamp towards the edge of desktop. Adjust the nut to ensure that the Desk Clamp pressure plate fully contacts to desk bottom surface. Tighten hex screw with Allen Wrench 8mm so the Desk Clamp attachment is secure in place.



7. This product is brilliantly engineered and is designed to adjust quickly and easily according to your needs. To adjust the height, remove the Extension Arm from Pole or loosen Collar and raise or lower the Collar on Pole, attaching the Articulating Arm to achieve your desired position. (See Figure 5-5)

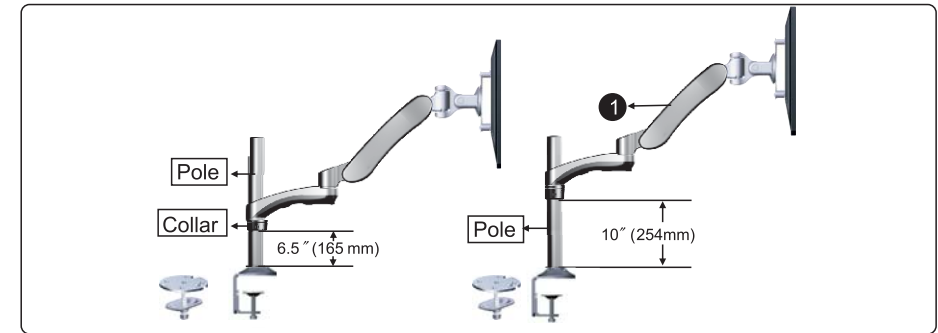


Figure 5-5

8. This product can be lift up and down as shown. (See Figure 5-6) If this product tends to automatically move to side, it may be required tension adjustment on the Articulating Arm to suit your display monitor arm swing to side position. This can be done by using Hex Allen Wrench 2.5mm (10) supplied. (See Figure 5-7)

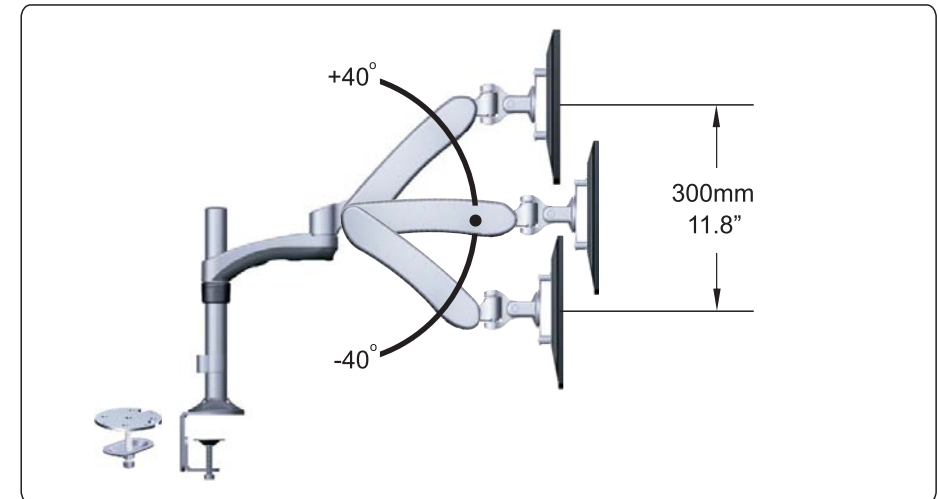


Figure 5-6

Adjusting the Mount Bracket Resistance

3. Product is brilliantly engineered to control the resistance in the Tilter Mount Bracket to suit your display swing side to side of 90 degree and tilt forward and backward of 90 degree. It is possible to control the amount of resistance in the Tilter Mount Bracket to suit your display monitor.
4. Referring to the weight of the display monitor. If the Tilter Mount Bracket tends to automatically fall, it may be required to adjust the Tilter Mount Bracket joint to suit your display monitor tilt position of forward and backward of 90 degree. This can be done by using Hex Allen Wrench 6mm(17) supplied, to increase the resistant of the Tilter Mount Bracket in order to secure tilt position, adjust the M5x15mm Tension Hex Socket Cap Screw located around the Tilter Mount Bracket Joint using the supplied 6mm Hex Allen Wrench. (See Figure 5-3)

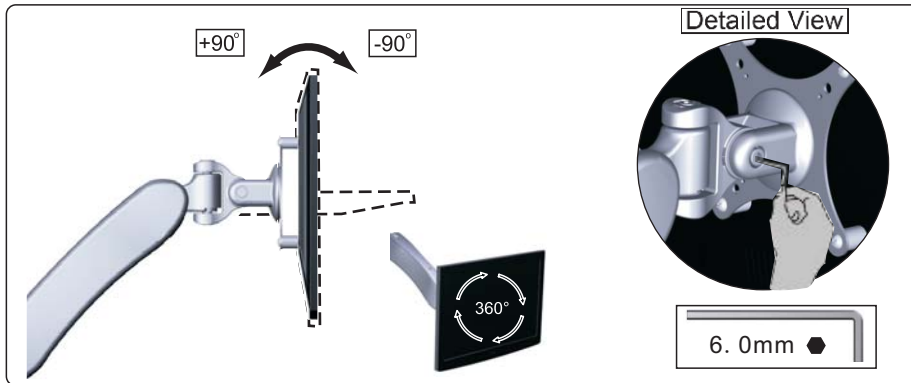


Figure 5-3

5. To increase or decrease the resistance of the Pivot Joint to suit display monitor swing side to side, adjust the Tension Hex Cap Screw located on front side of the Articulating Assembly Arm to secure the position. (See Figure 5-4)
6. To increase the resistance, tighten the M5x15mm Tension Hex Socket Cap Screw using Allen Wrench 4mm (9) supplied in a clockwise direction. To decrease the resistance, loosen the M5x15mm Tension Hex Socket Cap Screw using Allen Wrench 4mm (9) supplied in an anti-clockwise direction.

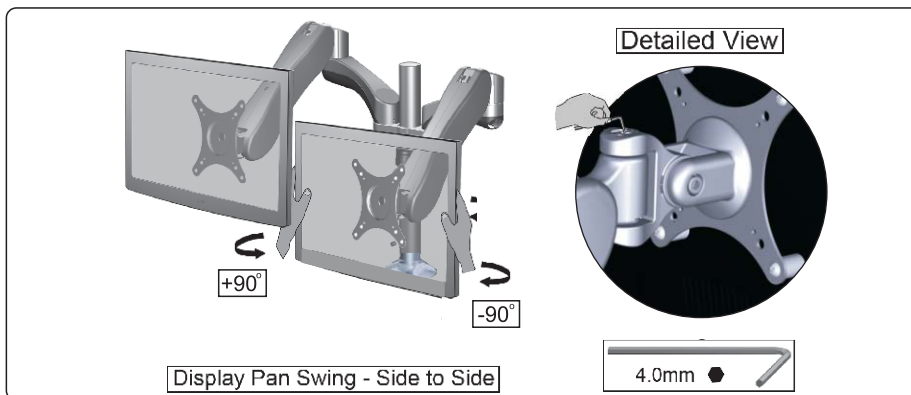
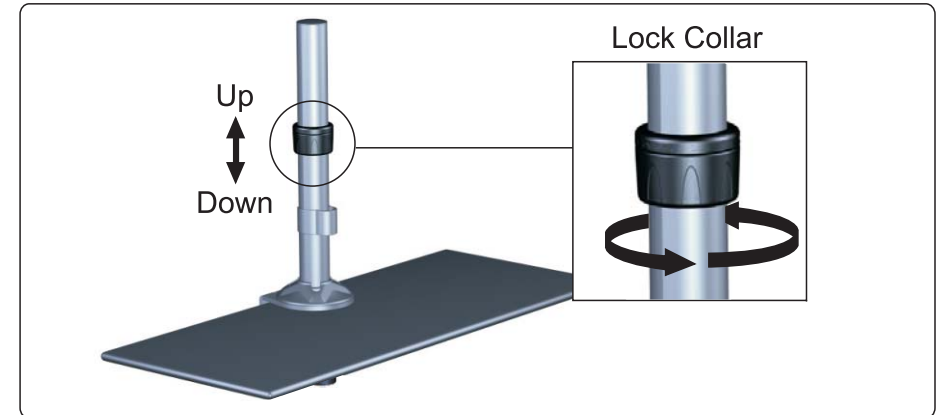
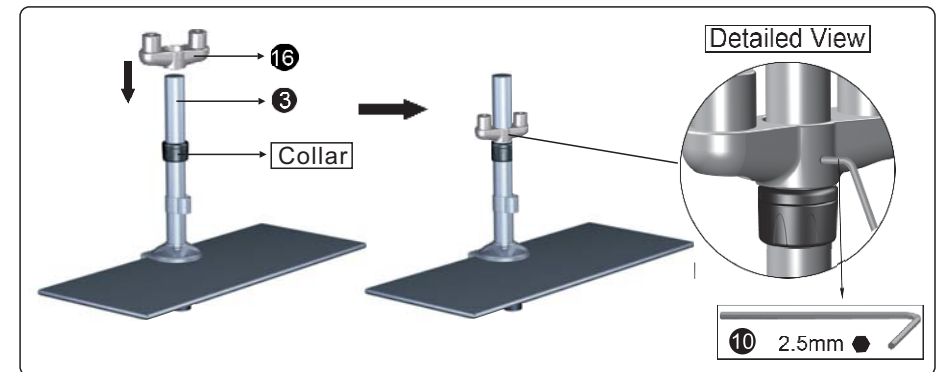


Figure 5-4

3. Hold the top of collar and rotate the lower part. Adjust along the pole for adjustment of collar.



4. Place the DEK by insert it down from the top to the pole, proceed to tread with 2.5mm Allen Wrench 2.5mm (10) supplied.

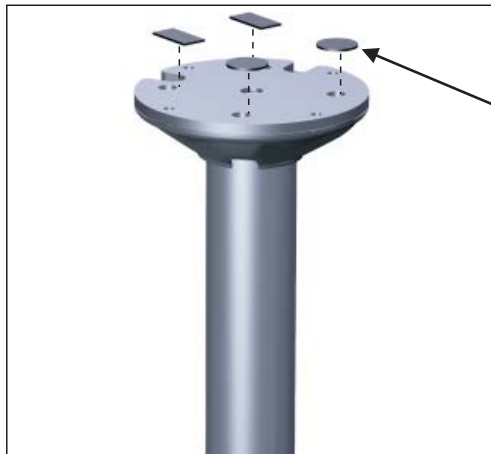


Step[1] Grommet Mount Option

1. Remove the Desk Clamp and attach the Grommet Plate.



2. Attach Gasket Cushion onto Grommet Plate.



Gasket Cushion

Step 【5】

Adjusting the Display Monitor

⚠ Warning:

Forced movement of the Articulating Arm Assembly or Mount Bracket without loosening the Screws will damage Articulating Arm Assembly or display monitor.

⚠ Caution:

Exercise caution when adjusting the display, to support the display to avoid damage to equipment. Disconnect power before removing the display.

Adjusting the Articulating Arm Assembly Resistance

1. To support display monitor when adjusting resistance of the Articulating Arm Assembly. (See Figure 5-1)

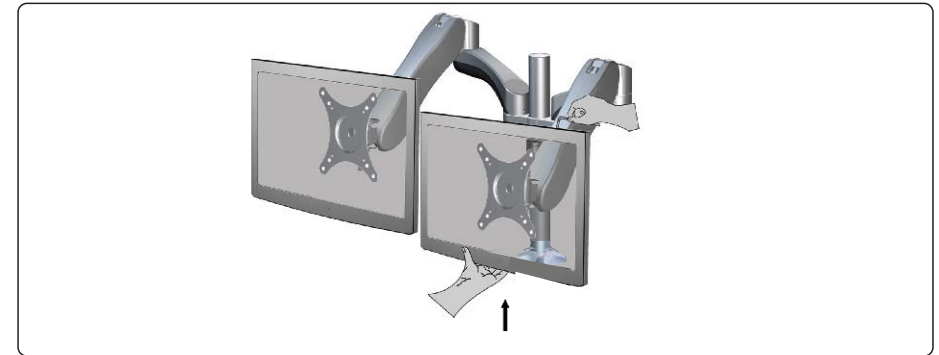


Figure 5-1

2. Referring to the weight of display monitor, it may be required to make adjustments to the Articulating Arm Assembly mechanism. If the display monitor doesn't hold its position or is too resistant, adjust the M6x33mm Tension Hex Socket Round Head Screw located on top of Articulated Arm using Hex Allen Wrench 4mm (9). (See Figure 5-2) Check the display monitor and then adjust again if it is necessary to make the adjustment.

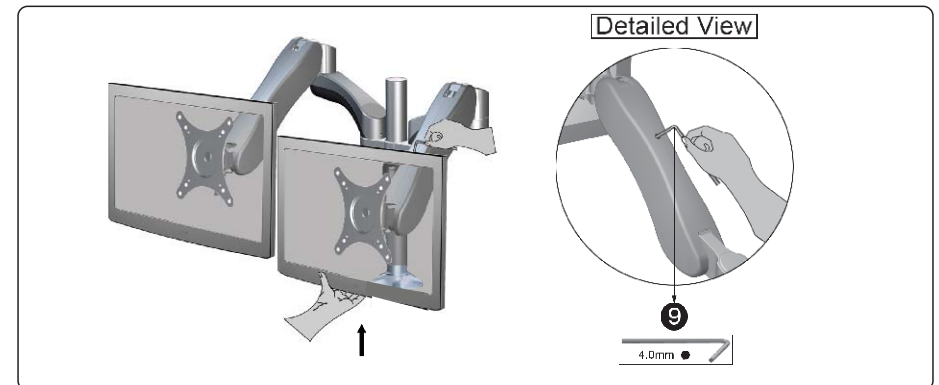


Figure 5-2

2. Feed the cables by pushing the cables into cable bracket entry slot on the underside of the Arms as shown. (See Figure 4-2)
3. Use the supplied Cable Clip (12) to secure display cable to the pole. (See Figure 4-3)

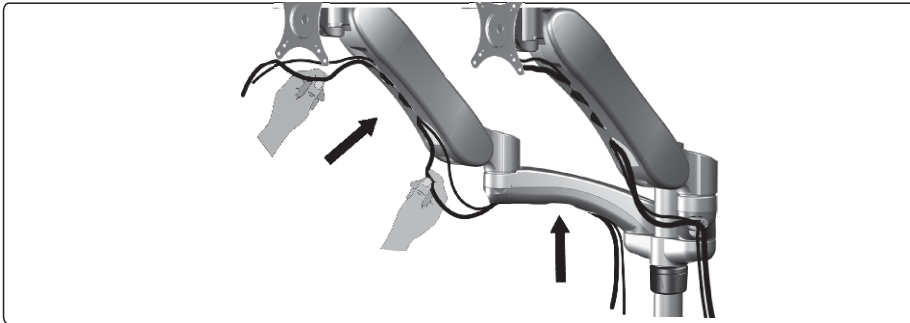


Figure 4-2

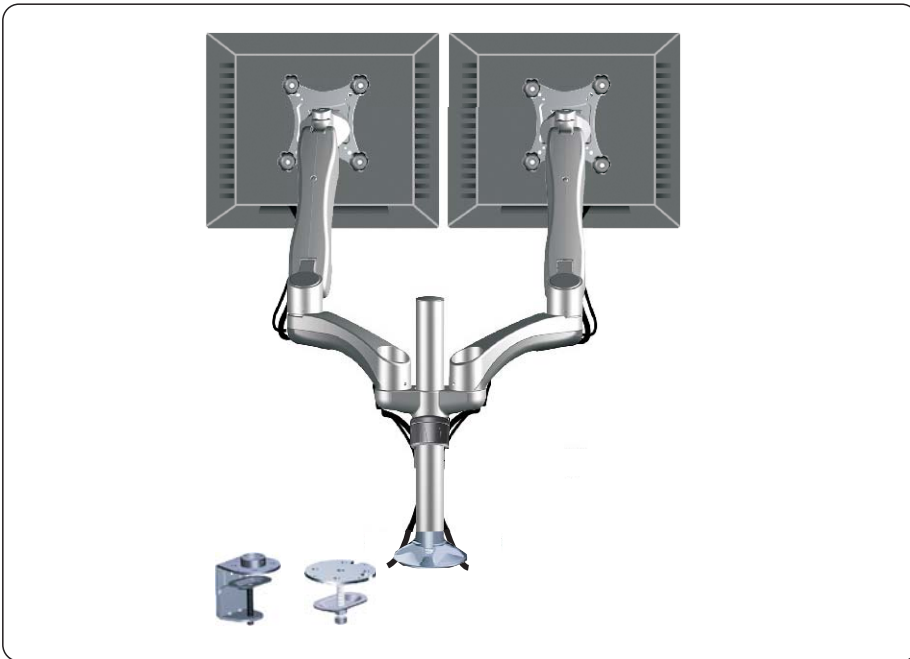
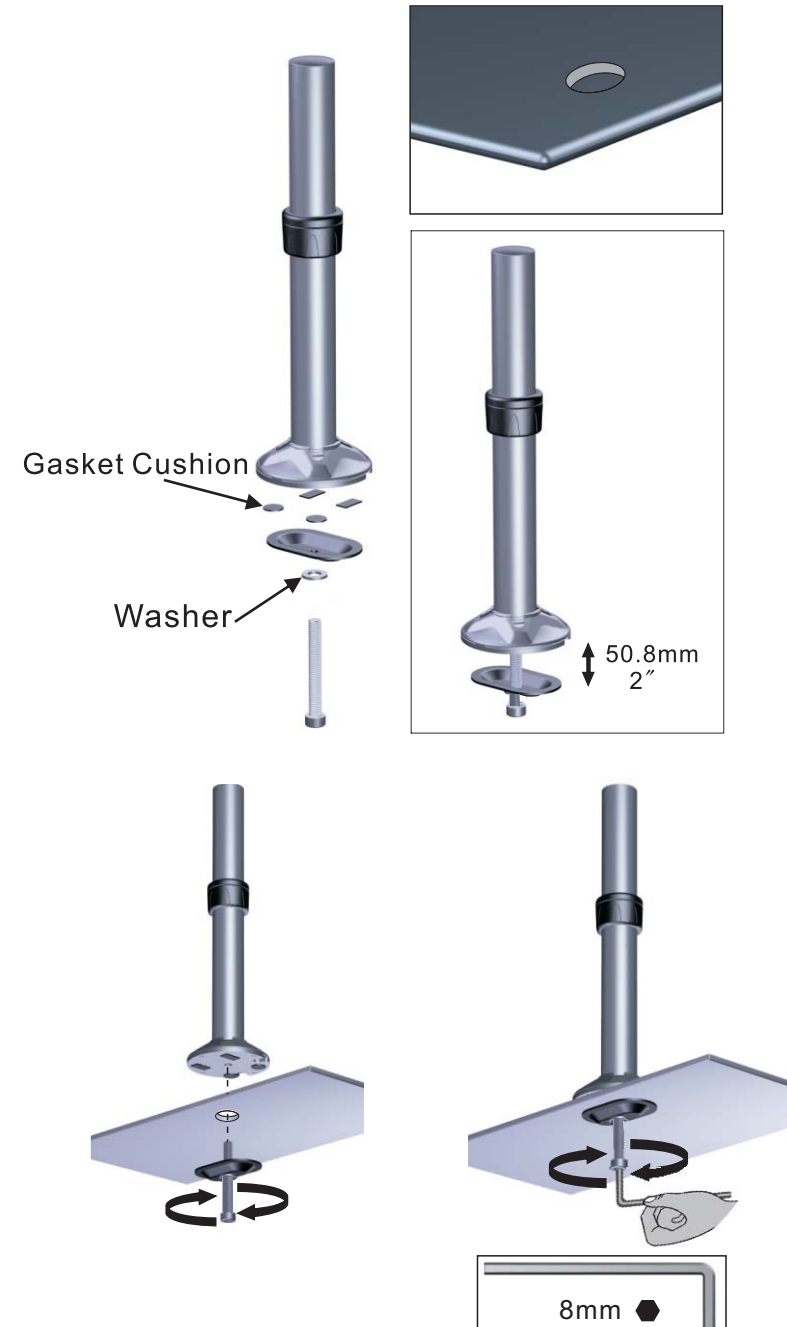
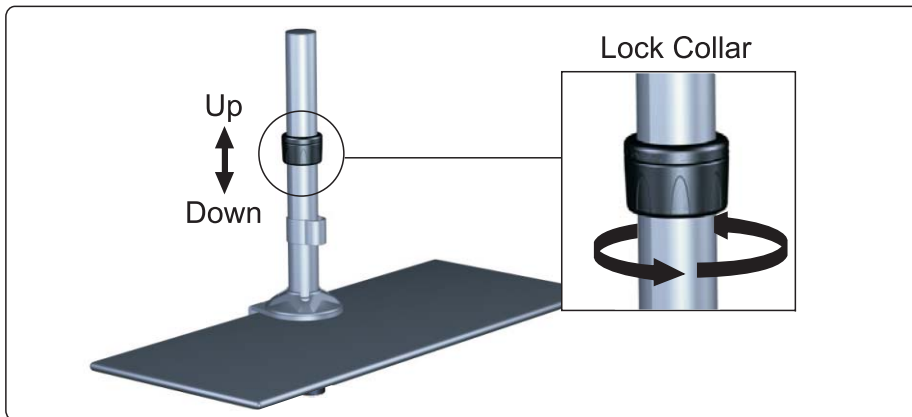


Figure 4-3

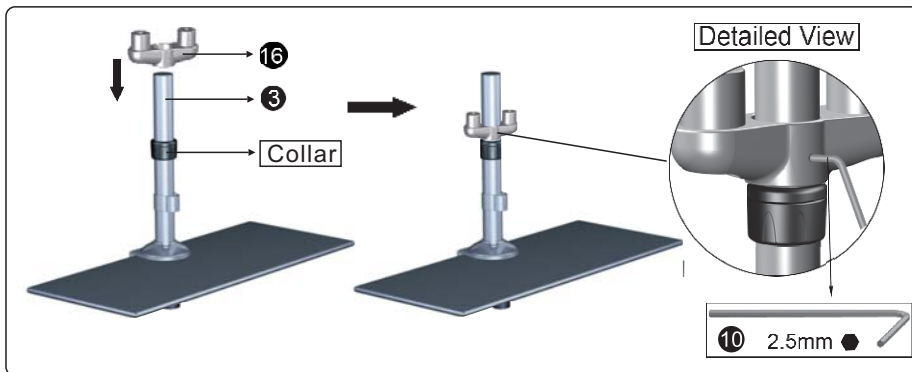
3. Place the Grommet mount over the cable management hole, then adjust the nut so the pressure plate fully contacts to desk bottom surface. Tighten hex screw using Allen Wrench 8mm. Ensure the Grommet mount attachment is secured in place.



4. Hold the top of collar and rotate the lower part. Adjust along the pole for adjustment of collar.



5. Place the DEK by insert it down from the top to the pole, proceed to tread with 2.5mm Allen Wrench 2.5mm (10) supplied.



Step 【4】

Cable Management

⚠ Warning:

Exercise caution when attaching or removing the display to avoid personal injury or damage to equipment. Disconnect power before removing the display.

⚠ Caution:

Ensure Articulating Arm Assembly is fully extended before connecting cables.

Note: Ensure leave enough slack in the cables to allow for movement of the Arms.

Installing Cable Management

1. Connect cables to display monitor. Position the display at its highest position to ensure that there is sufficient cabling at the end of the Arms so that the cables are not stretched or pulled out when the display is moved. (See Figure 4-1)

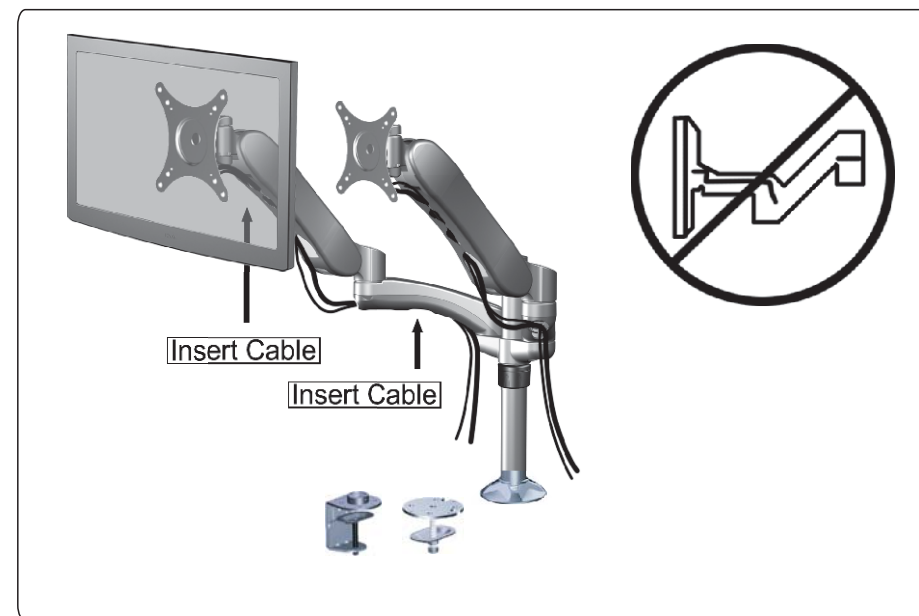


Figure 4-1

3. Place the Cover (14) and tighten with Phillips Screw M6x12mm (13) and Plastic Washer (15) using Phillip Screwdriver. Do not over tighten. This is to prevent the Articulating Arm Assembly to be lift unnecessary. (See Figure 3-3)

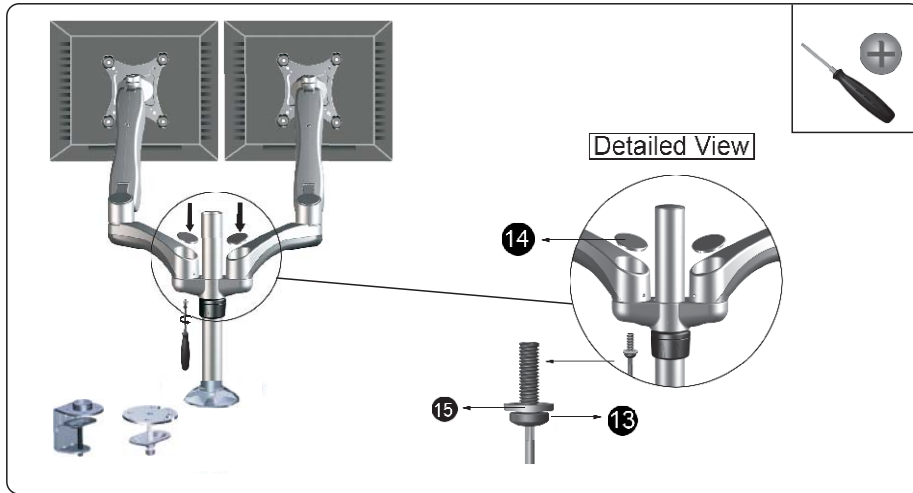


Figure 3-3

4. Caution when removing the display monitor. Loosen the Hex Grub Screw using Hex Allen Wrench 2.5mm (10) supplied. To support and lift the display monitor arm attached as shown. (See Figure 3-4)

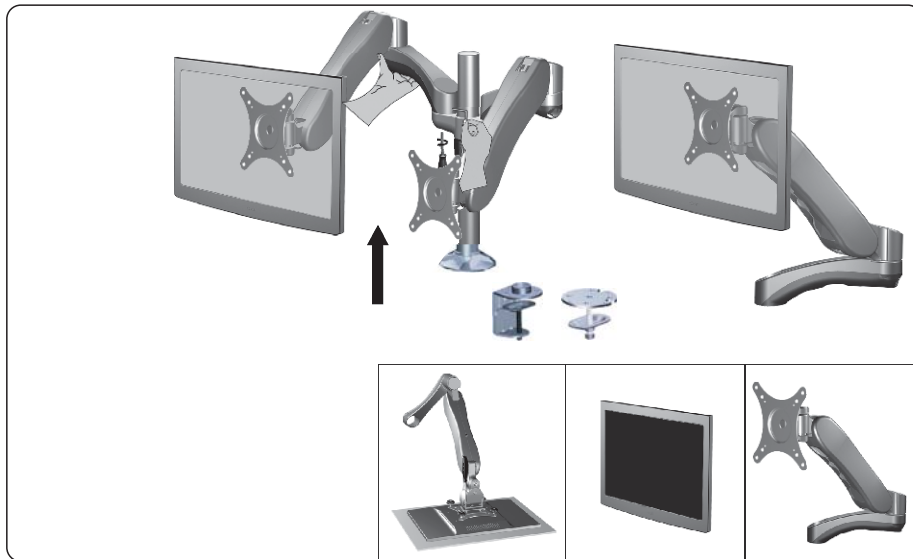


Figure 3-4

Step [2] Display Installation

⚠ Warning:

Using of improper screws size may damage your display. If spacers are required, be sure to use correct size of screws. Proper screws used will easily and completely thread into the display mounting holes. Inadequate thread engagement in the display may cause display falling.

⚠ Warning:

It is installer's responsibility to make sure the combined weight of all components does not exceed weight capacity. Exceeding weight capacities can result in severe personal injury or damage to equipment. It is installer's responsibility to make sure the combined weight of all components does not exceed weight capacity of 3kg(6.6lbs)-8kg(17.6lbs)

⚠ Warning:

Articulating Arm will only work when a display is properly installed.

Attaching the Display

1. Ensure Tilter Mount Bracket of Articulating Arm Assembly is able to swivel and tilt easily. (See Figure 2-1) The Articulating Arm mechanism should be free tension resistance. Adjust as required before proceeding to next step.

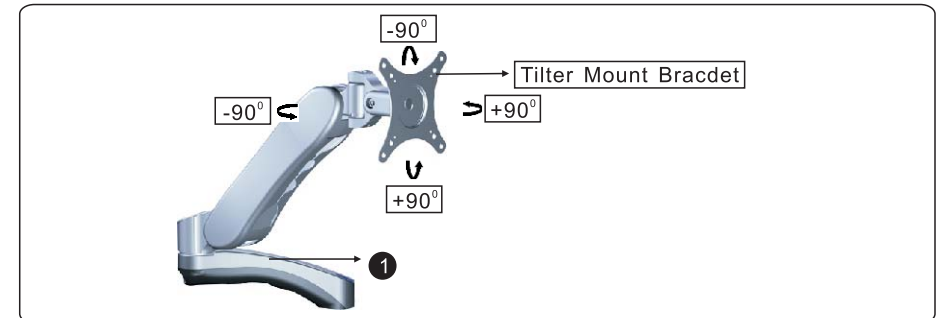


Figure 2-1

2. Carefully place the display face down on protective surface. (See Figure 2-2)

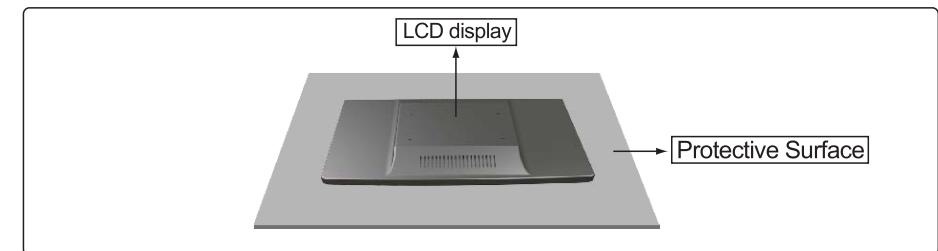


Figure 2-2

3. Determine depth of recessed mounting holes relative to back of surface of display.
4. Select proper length of Screws (6) place the Spacers (4) on the back of display, follow by position and orient the mounting holes in the Tilter Mount Bracket so that the mounting holes on the Tilter Mount Bracket and Spacers (4) are aligned. (See Figure 2-3)

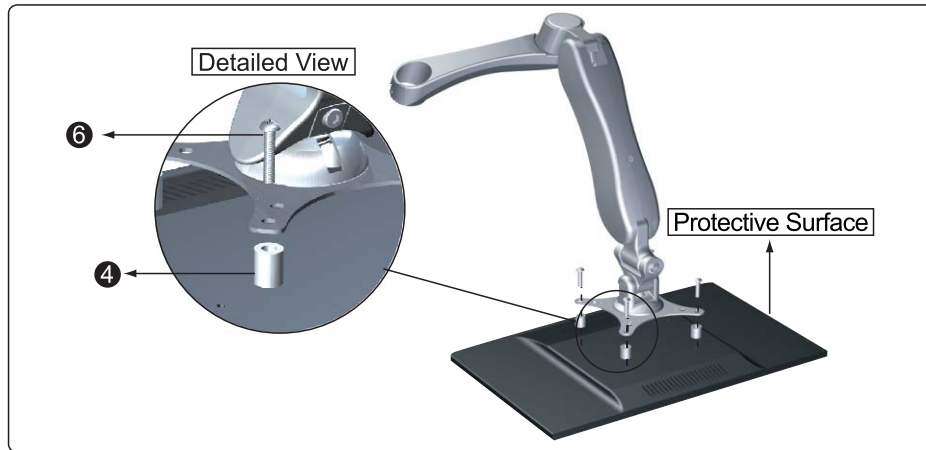


Figure 2-3

5. Using Philip Screwdriver, install selected Screws (6) through mounting holes on Tilter Mount Bracket and Spacers (4), finally into the display monitor. Tighten Screws with Philip Screwdriver so the Tilter Mount Bracket is firmly attached to the display monitor. Do not over tighten the Screws. Stop immediately if you encounter any resistance. (See Figure 2-4)

Note: All Spacers or Screws used should be the same length.

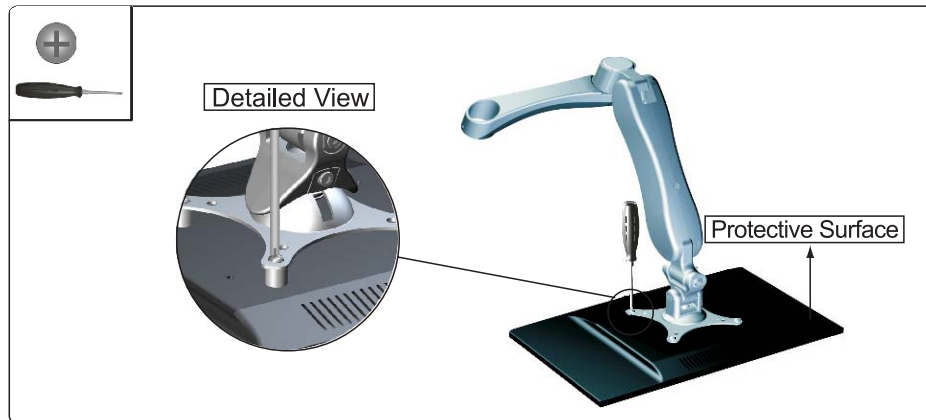


Figure 2-4

Step [3] Attaching Articulated Arm Assembly

⚠ Warning:

EAG-640A-DEK Desk Mount Articulated Arm Assembly will only work when a display is properly installed.

Attaching the Articulating Arm Assembly

1. Attach the Articulating Arm (1) Assembly to the DEK by inserting the Articulating Arm Assembly down from top onto the DEK. (See Figure 3-1)

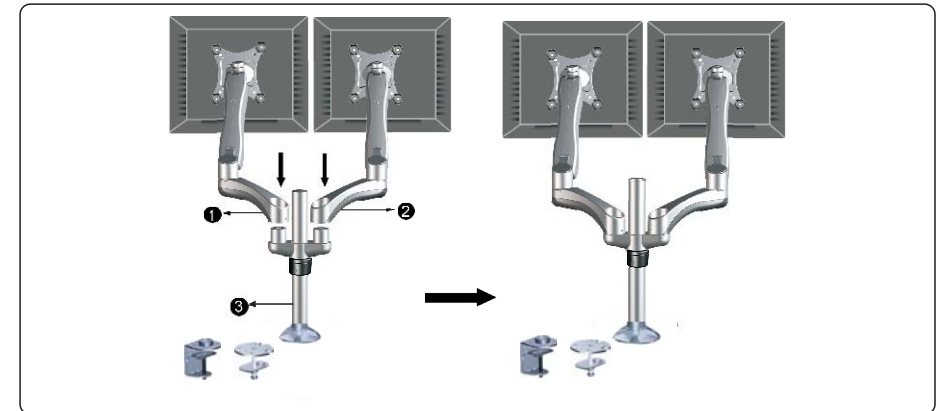


Figure 3-1

2. Once you have Articulated Arm Assembly is in desired position, tighten with Hex Grub Screw using Hex Allen Wrench 2.5mm (10) provided so the assembly is firmly in place. (See Figure 3-2)

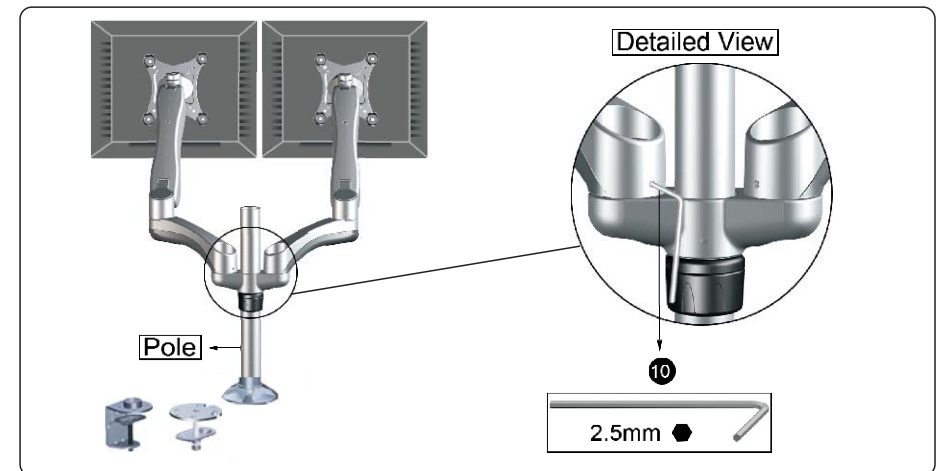


Figure 3-2