



Model:WA840D

Dual Articulating TV/Monitor Gas Spring Wall Mount (Myth Series)

Instruction Manual



Weight Capacity:4kg(8.8lbs)-8kg(17.6lbs)
Suits LCD Flat Panel Display: up to 24"

Dyconn

382 N Lemon Ave #122
Walnut, CA 91789
T: (855) 239-2666
F: (626) 333-8575
www.dyconn.com

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Instruction Manual

Images may differ from actual product

Disclaimer

It is Dyconn's intention to have all the correct information present within this manual. Although we try our best, Dyconn makes no claim that the information comprised herein covers all conditions or details in connection with installation or use of this product. Dyconn assumes no responsibility for accuracy or adequacy of information comprised in this document. The information comprised here is subject to change without notice or obligation of any kind.

Instruction Manual

Images may differ from actual product

WARNING

- This warning informs you of the possibilities of personal injury or damage to equipment if you do not follow the corresponding instructions. It is the installer's responsibility to make sure all components are properly assembled and installed using the instruction manual provided.
- Using improper screws or screw sizes may damage your display. If spacers are required, be sure to use screws of the correct size. Proper screws used will easily and completely thread into the display mounting holes. Inadequate thread engagement in the display may cause display to fall.
- It is the installer's responsibility to make sure the combined weight of all components does not exceed the weight capacity of 17.6lbs (8kg). Exceeding weight capacity 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 table being used for installation must be stable and strong enough to support the WA840D mount and display.

Please Read the following before installing

- Verify all parts are included. Do not install if the products or hardware are damaged or missing. Not all hardware included will be used.
- Please contact a qualified installer.
- This product contains moving parts, use with caution.
- Determine approximate location before installing and keep in mind the display size, arm extension, height adjustment and pitch / roll requirements.
- This product contains small items; please 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.

Required Tools



ASSEMBLY and INSTALLATION

INSPECT THE MOUNT BEFORE ASSEMBLY

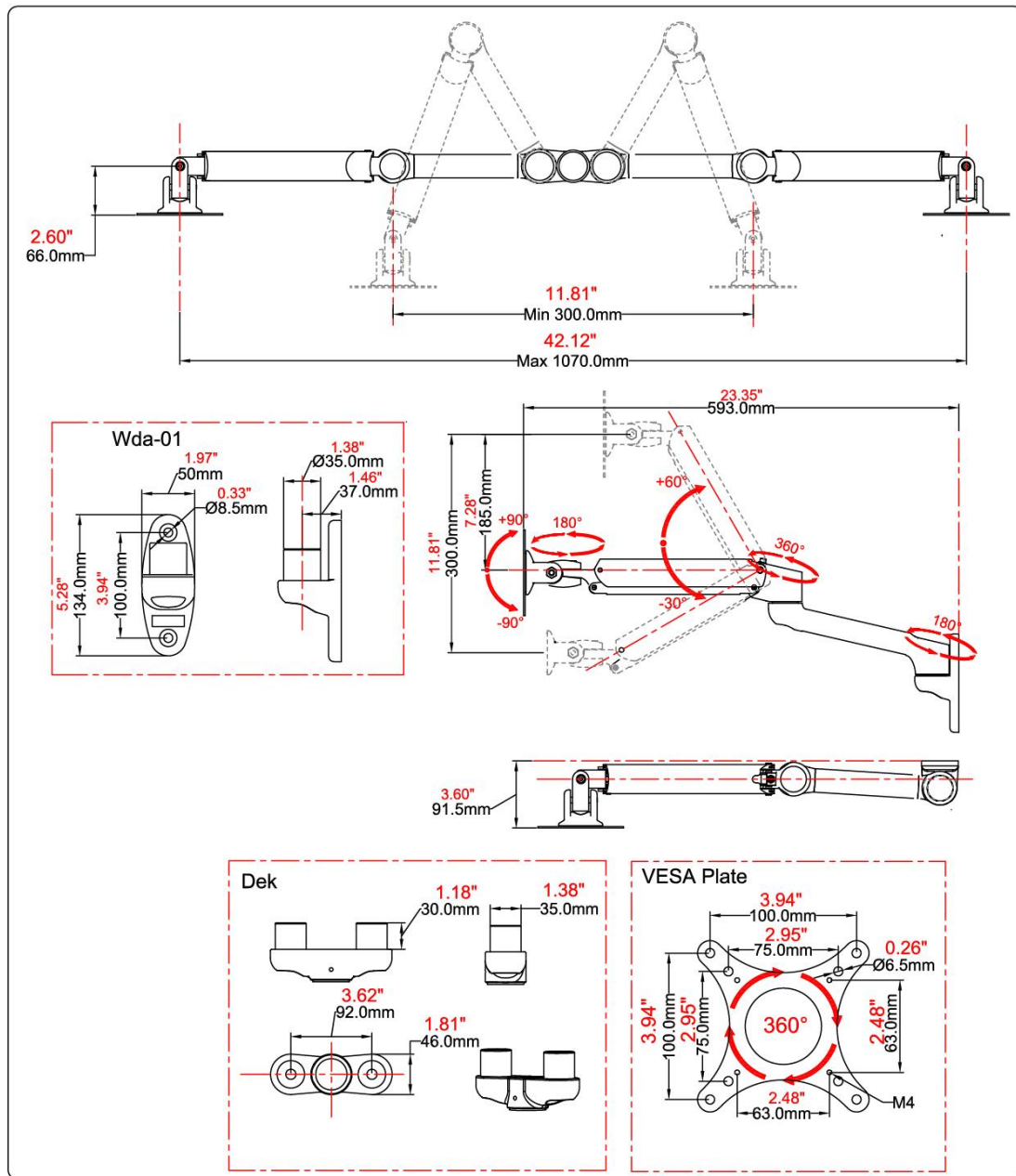
1. Carefully inspect/verify that all components are present.
2. If the mount/components are damaged or missing, please contact the company/seller of the product you purchased this from and report the issue.

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





















Specifications

Weight Capacity	8.8lbs(4kg)~17.6lbs(8kg)
Suits LCD Flat Panel Displays	Up to 24"(610mm)
Maximum Extension	23.35"(593mm)
Depth from Wall	3.6"(91.5mm)
Height Adjustment	11.81"(300mm)
Tilt adjustment	+/-90 degree
Swivel adjustment	+/- 90 degree
Pivot (Wall/ Display / Arm)	180 / 180 /360 degree
VESA Compatibility	75x75mm and 100x100mm

Product Dimension



Supplied Parts

<p>1</p>  <p>Gas Spring Arm Qty.2</p>	<p>2</p>  <p>Extension Arm Qty.2</p>	<p>3</p>  <p>Wall Plate Qty.1</p>
<p>4</p>  <p>ST6.3X65mm Qty.2</p>	<p>5</p>  <p>Allen Wrench 4mm Qty.1</p>	<p>6</p>  <p>Allen Wrench 6mm Qty.1</p>
<p>7</p>  <p>Anchor Qty.2</p>	<p>8</p>  <p>Cable Cover Qty.10</p>	<p>9</p>  <p>Washer Qty.2</p>
<p>10</p>  <p>Spacer Qty.8</p>	<p>11</p>  <p>Philips Screw M4X12mm Qty.8</p>	<p>12</p>  <p>Philips Screw M4X25mm Qty.8</p>
<p>13</p>  <p>Plastic Washer M6 Qty.3</p>	<p>14</p>  <p>Cover Qty.4</p>	<p>15</p>  <p>Philips Screw M6X12mm Qty.5</p>
<p>16</p>  <p>Gasket Qty.2</p>	<p>17</p>  <p>Allen Wrench 2.5mm Qty.1</p>	<p>18</p>  <p>DEK Qty.1</p>
<p>19</p>  <p>Cover Qty.1</p>	<p>20</p>  <p>Knob Qty.4</p>	

Step 【1】

Wood Wall Installation

ELECTRICAL SHOCK HAZARD!

Drilling into electrical wires or cables can cause serious personal injury! Always make certain area behind mounting area is free of electrical wires and cables before drilling or installing.

WARNING

Improper installation can lead to mount falling causing severe personal injury or damage to equipment. It is the installer's responsibility to make sure the combined weight of all components does not exceed the maximum weight capacity of 17.6lbs (8kg) per arm. The manufacturer accepts no responsibility for incorrect installation.

Wood Wall Installation

1. Use an electronic stud finder to locate the wooden beam. Place the Wall Plate (3) on the wall and mark the pilot holes with a pencil (See Figure 1-1).

Wood Pilot	
Pilot hole size	Pilot Drill Depth
1/8"	2"
4mm	50mm

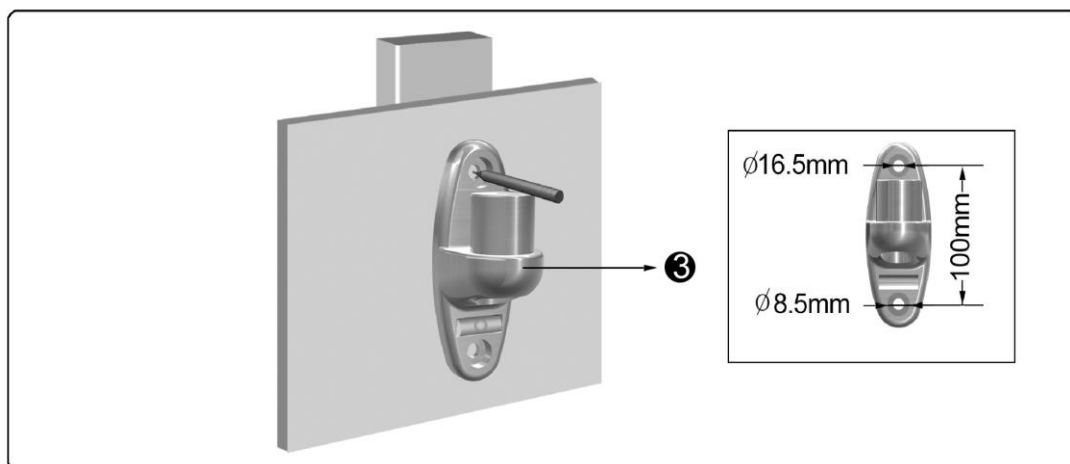


Figure 1-1

2. Ensure that the pilot holes are straight and centered on the wooden beam. Proceed to drill pilot holes 2" into the beam (**See Figure 1-2**).

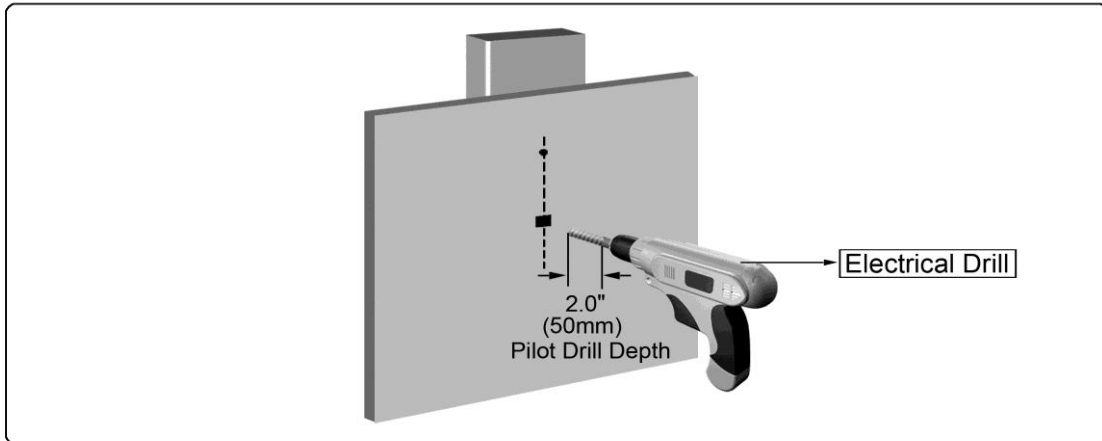


Figure 1-2

3. Insert the Philips Screw ST6.3x65mm (**4**) through the Washer (**9**), Wall Plate (**3**) and into the pilot hole. Securely tighten the screws with a Philips screwdriver (**See Figure 1-3**).

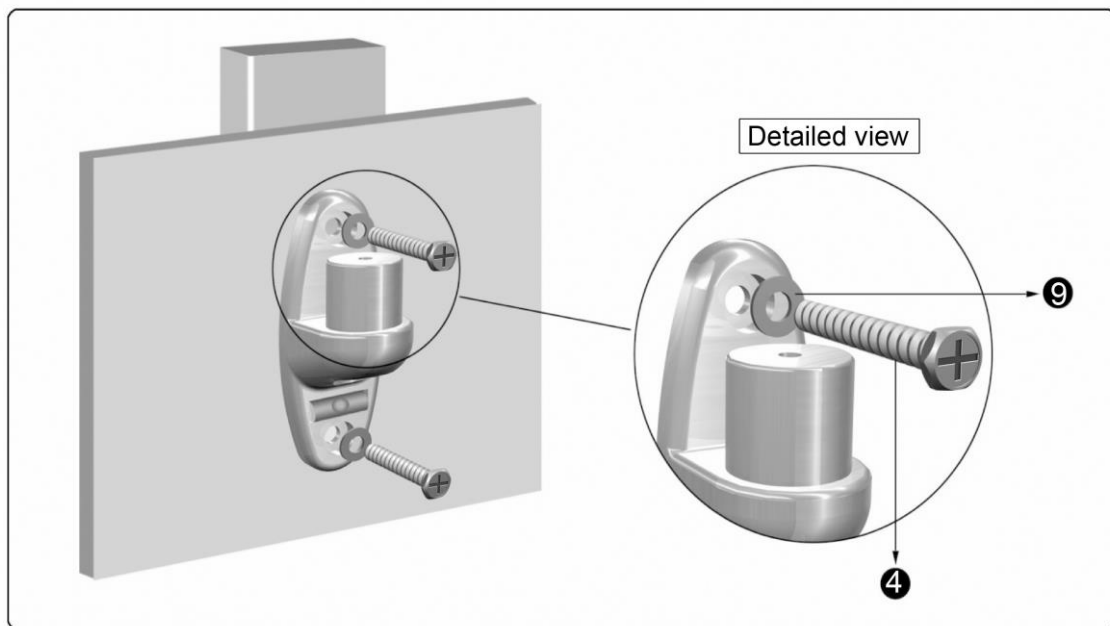


Figure 1-3

4. Install the DEK (18) onto the wall plate (3) pole. To secure the DEK, tighten the hex screw using the 2.5mm Allen Wrench (17) (See Figure 1-4).

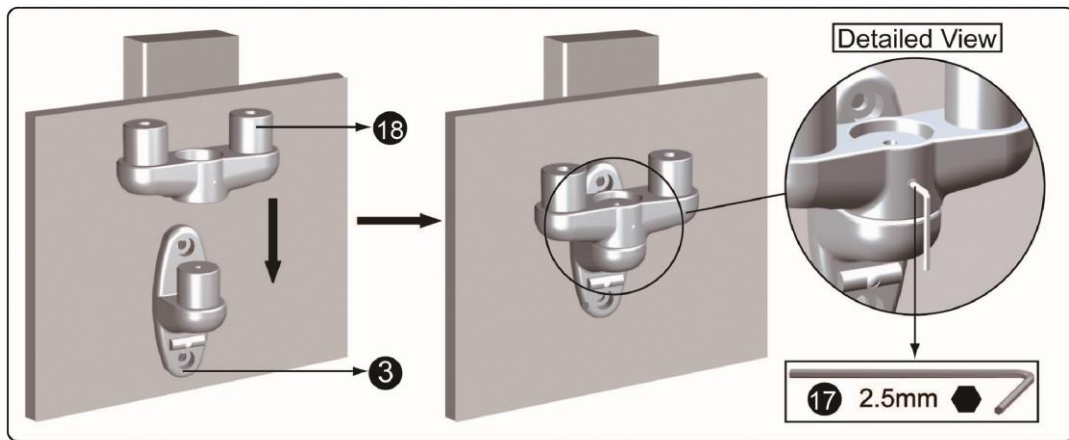


Figure 1-4

5. Place the Cover (19) on the top of the DEK. Place the Phillips Screw M6x12mm (15) through the Plastic Washer M6 (13) and into the bottom of the DEK. Securely tighten with a Phillips screwdriver. Do not over tighten (See Figure 1-5).

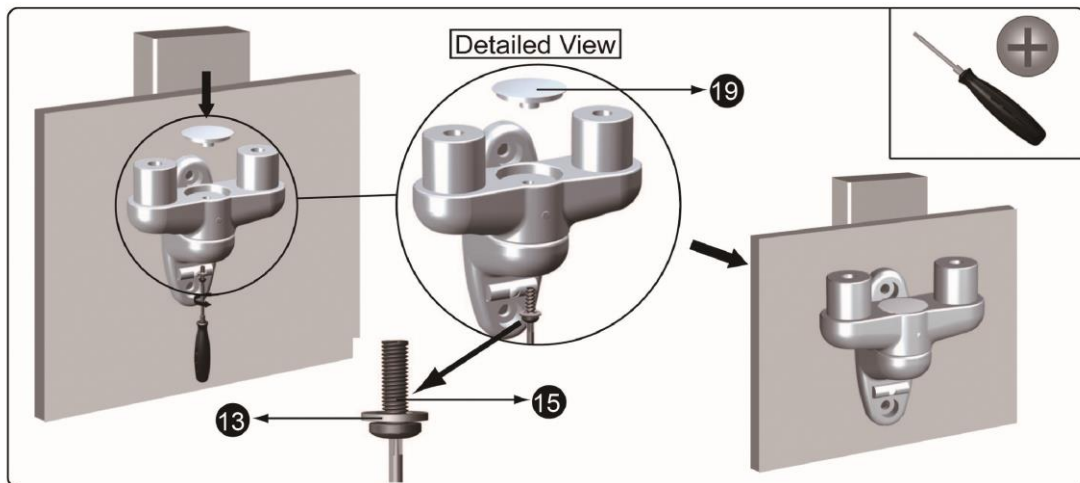


Figure 1-5

Step 【1】

Masonry Wall Installation

ELECTRICAL SHOCK HAZARD!

Drilling into electrical wires or cables can cause serious personal injury! Always make certain area behind mounting area is free of electrical wires and cables before drilling or installing.

WARNING

Improper installation can lead to mount falling causing severe personal injury or damage to equipment. It is the installer's responsibility to make sure the combined weight of all components does not exceed the maximum weight capacity of 17.6lbs (8kg) per arm. The manufacturer accepts no responsibility for incorrect installation.

Masonry Wall Installation

1. Place the Wall Plate (3) on the wall and mark the pilot holes (See Figure 1-6).
2. Ensure that the pilot holes are straight and centered. Proceed to drill pilot holes 2.36" into wall (See Figure 1-7).

Masonry Pilot	
Pilot hole size	Pilot Drill Depth
5/16"	2.36"
10mm	60mm

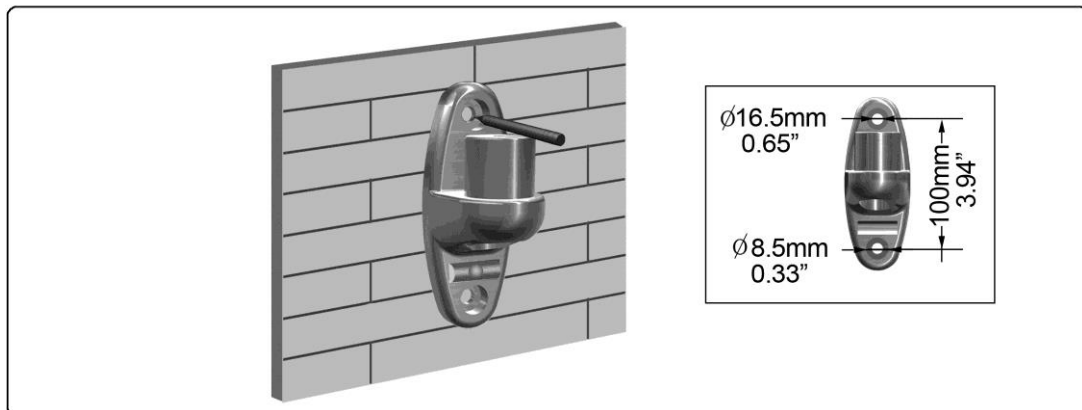


Figure 1-6

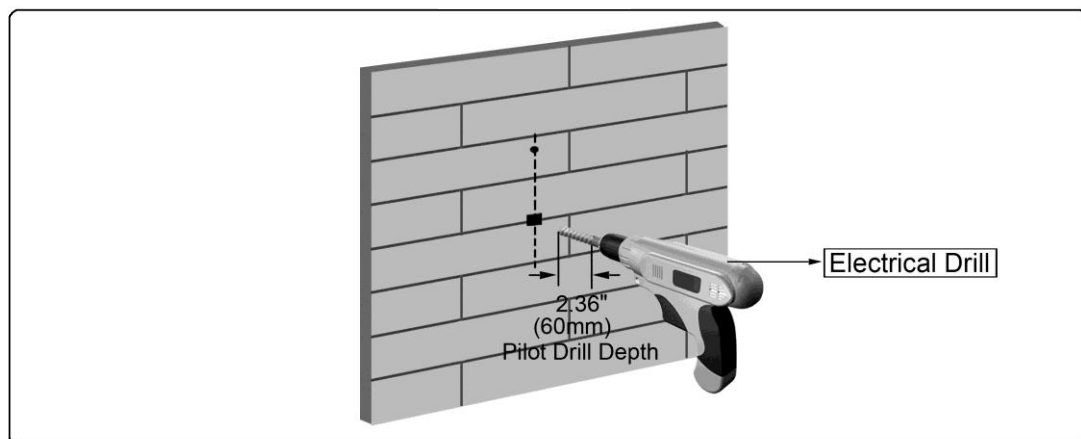


Figure 1-7

3. Insert the Anchor (7) into pilot hole and gently tap with a hammer until the Anchor (7) is fully engaged into the wall (See Figure 1-8).

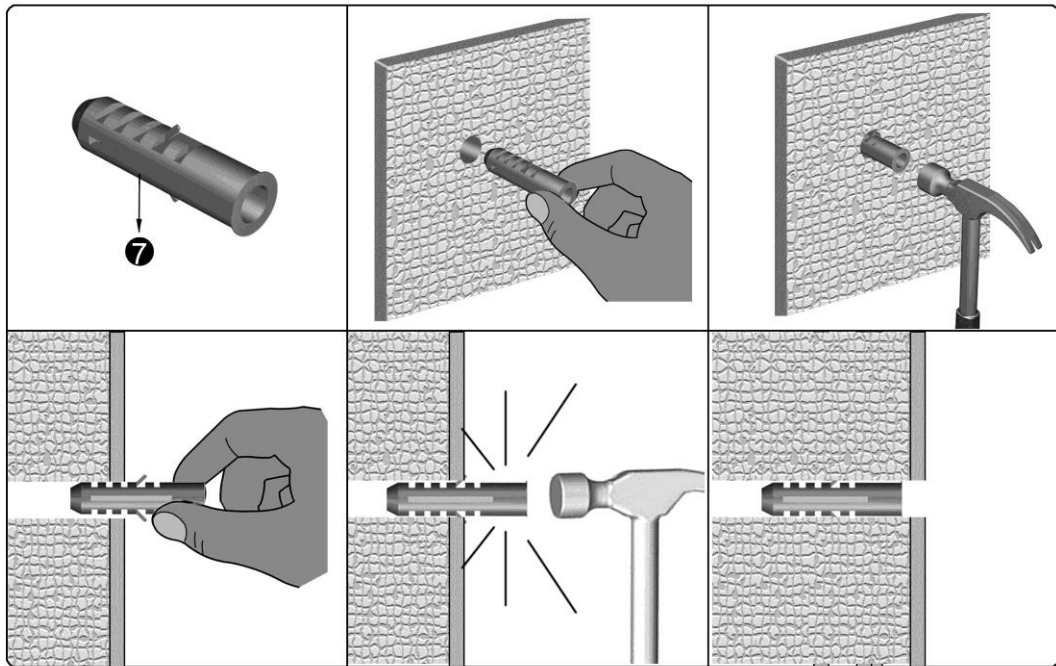


Figure 1-8

4. Insert the Philips Screw ST6.3x65mm (4) through the Washer (9), Wall Plate (3) and into the Anchor (7). Securely tighten the screws with a Philips screwdriver. Do not over tighten (See Figure 1-9).

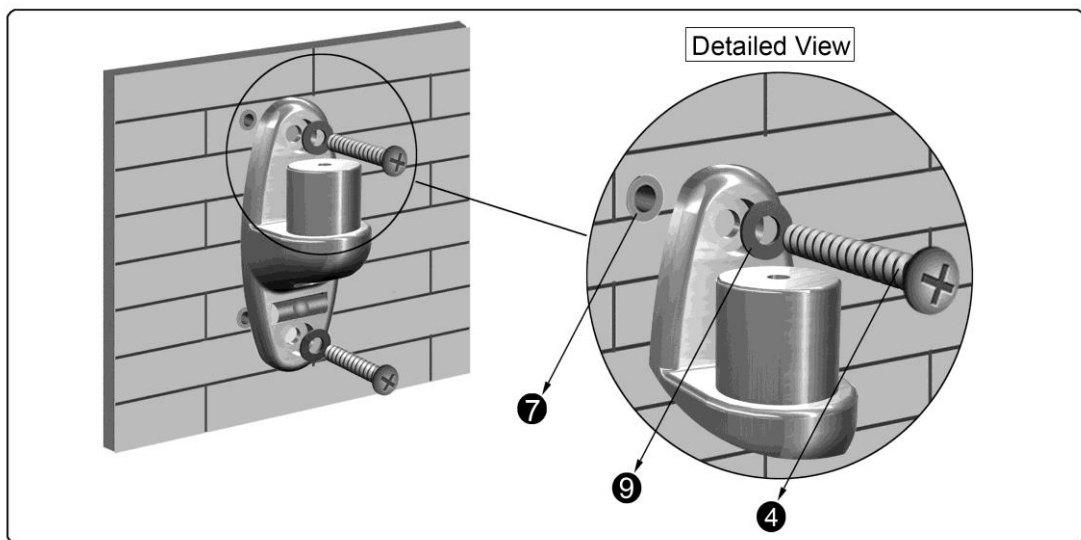


Figure 1-9

5. Install the DEK (18) onto the wall plate (3) pole. To secure the DEK, tighten the hex screw using the 2.5mm Allen Wrench (17) (See Figure 1-10).

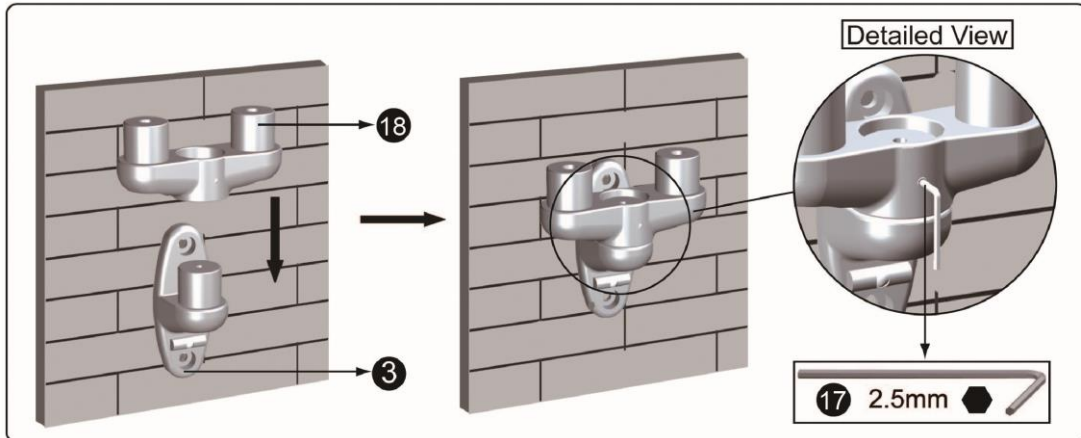


Figure 1-10

6. Place the Cover (19) on the top of the DEK. Place the Phillips Screw M6x12mm (15) through the Plastic Washer M6 (13) and into the bottom of the DEK. Securely tighten with a Phillips screwdriver. Do not over tighten (See Figure 1-11).

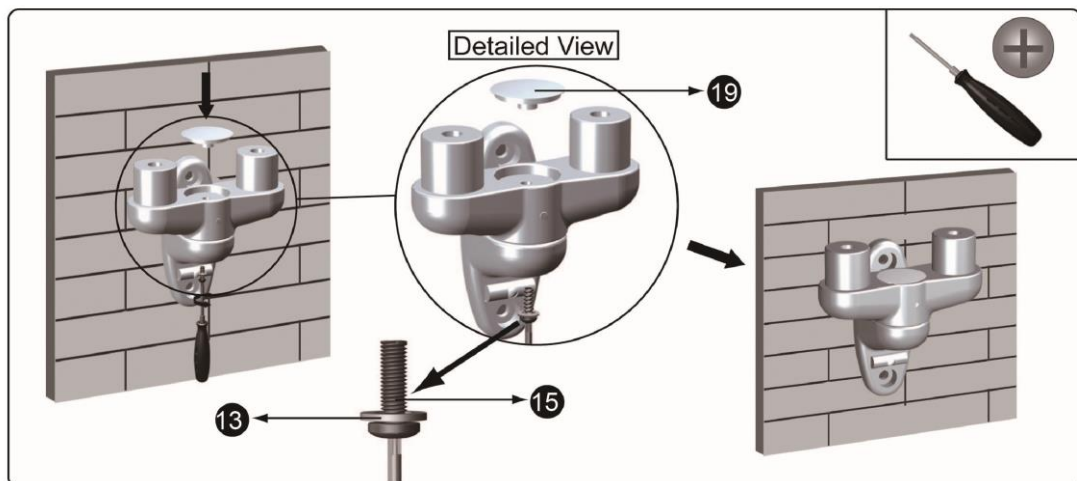


Figure 1-11

Step **【2】**

Display Installation

⚠️ WARNING

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

⚠️ WARNING

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

⚠️ WARNING

Gas Spring Arms will only work when monitors are properly installed.

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

Attaching the Display

1. Ensure the VESA bracket **(1)** can swivel and tilt easily **(See Figure 2-1)**. If necessary, adjust the tension before proceeding to the next step.
2. Carefully place the display face down on protective surface **(See Figure 2-2)**.

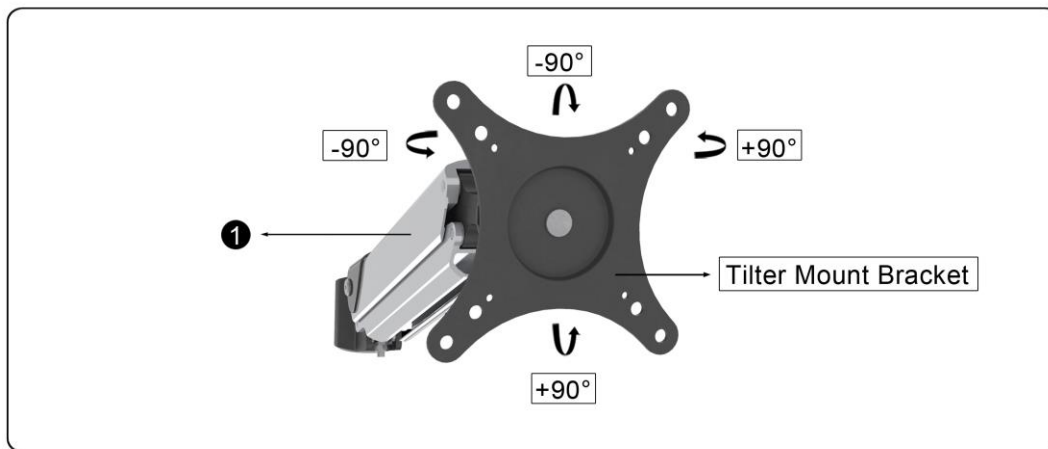


Figure 2-1

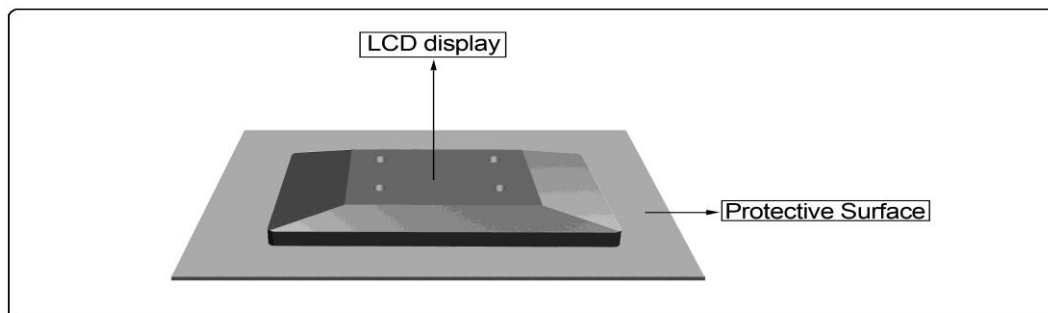


Figure 2-2

3. Determine depth of recessed mounting holes relative to the back of the surface of the monitor and select proper length of Screws (11、 12) or Knobs (20).
4. Place the Gas Spring Arm (1) on the back of the display and align the mounting holes with the VESA bracket. Thread the proper Screws (11、 12) through the VESA bracket and into the back of the monitor (See Figure 2-3)

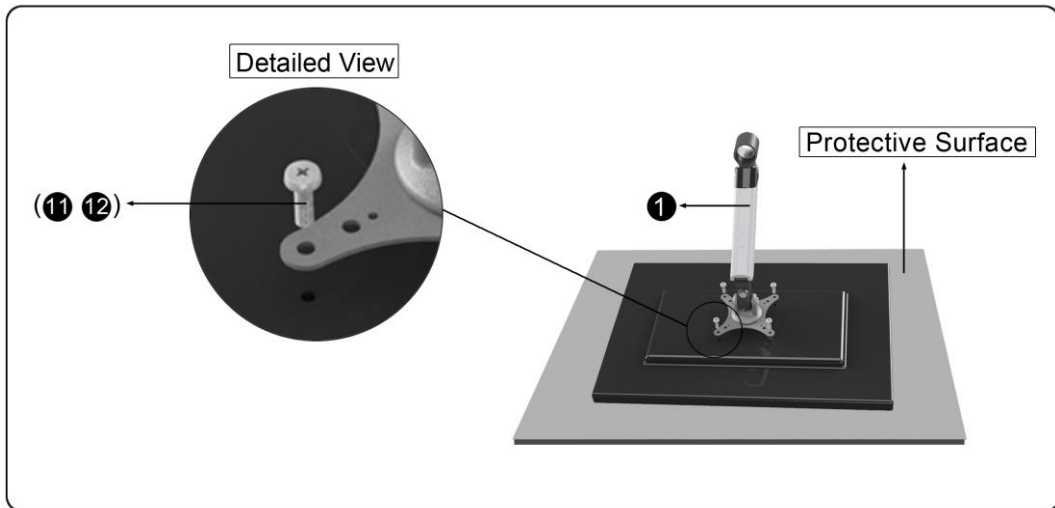


Figure 2-3

5. Using a Phillips screwdriver, tighten the screws until the VESA bracket is firmly attached to the monitor. Do not over tighten the screws. Stop immediately once you encounter resistance (See Figure 2-4).

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

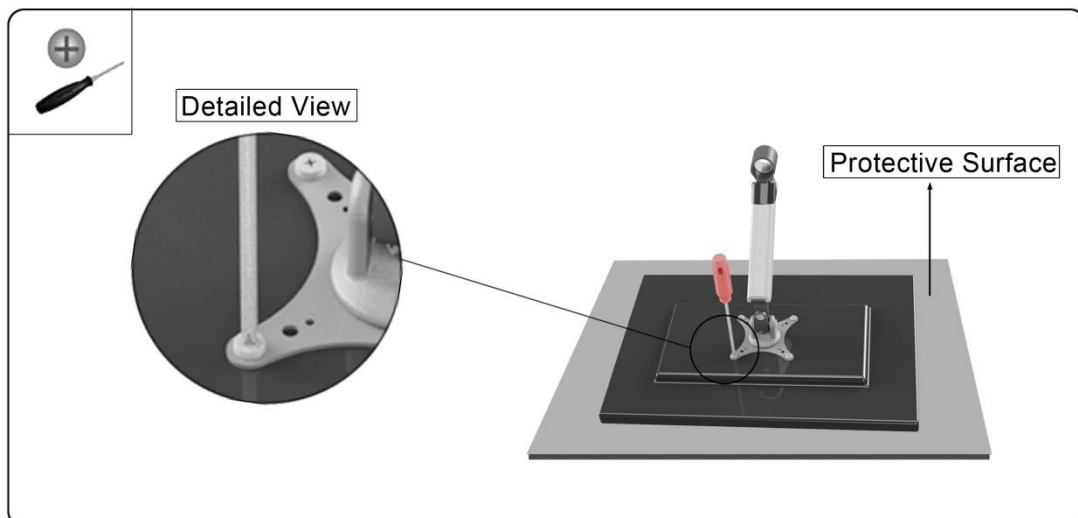


Figure 2-4

Step **【3】** Attaching Dual Articulating Arm Assembly

WARNING

Gas Spring Arms will only work when monitors are properly installed.

Attaching the Dual Articulating Arm Assembly

1. Install the Extension Arms (2) onto the DEK (18) (See Figure 3-1).
2. Place the arm Covers (14) on the pivot points. Place the Phillips Screws M6x12mm (15) through the Gaskets (16) and into the bottom of the DEK (18). Securely tighten screws with a Phillips Screwdriver. Do not over tighten. The arm covers are used to help secure the extension arms (See Figure 3-2).

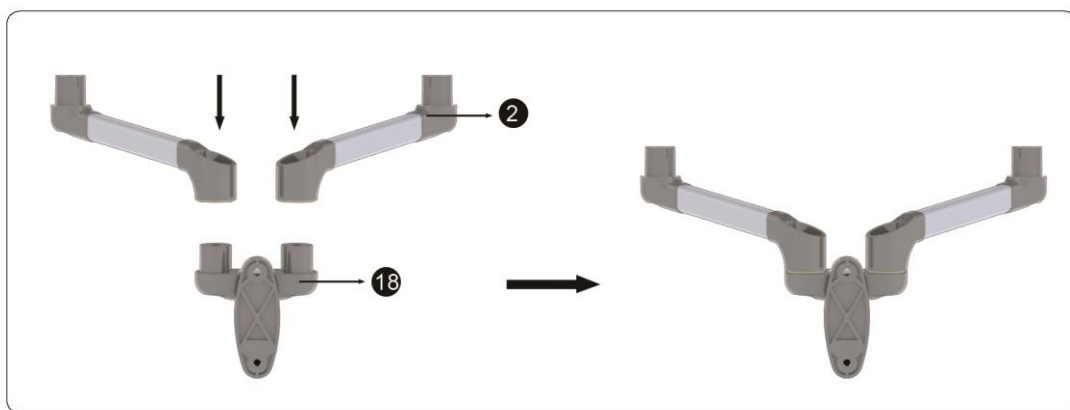


Figure 3-1

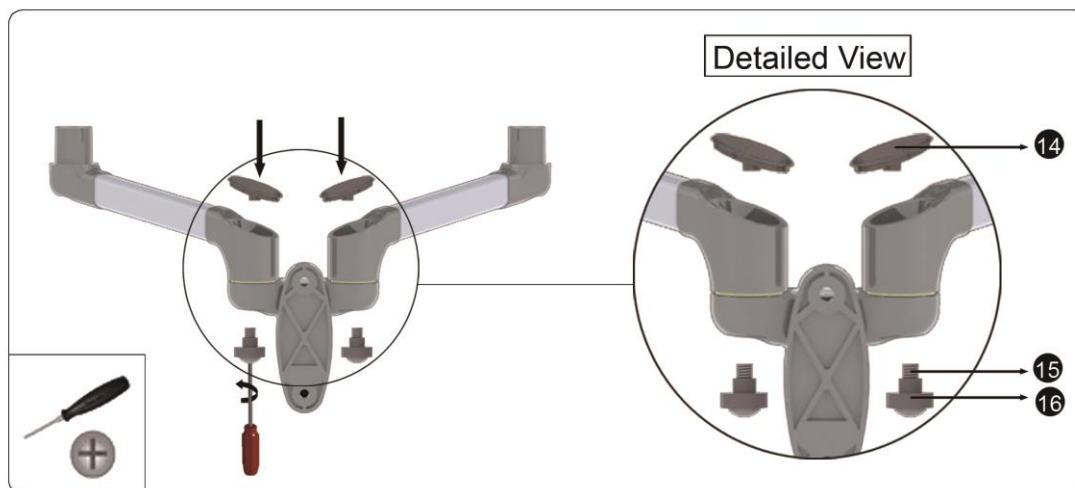


Figure 3-2

3. Install the Gas Spring Arms onto the Extension Arms (**See Figure 3-3**).
4. Place the arm Covers (**14**) on the pivot points. Place the Phillips Screws M6x12mm (**15**) through the Plastic Washers M6 (**13**) and into the bottom of the pivot points. Securely tighten with a Phillips Screwdriver. Do not over tighten (**See Figure 3-4**).

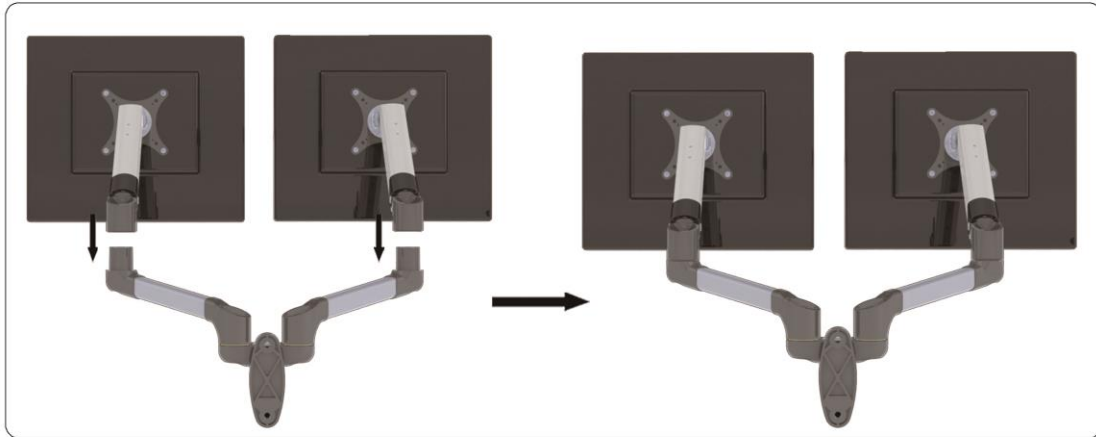


Figure 3-3

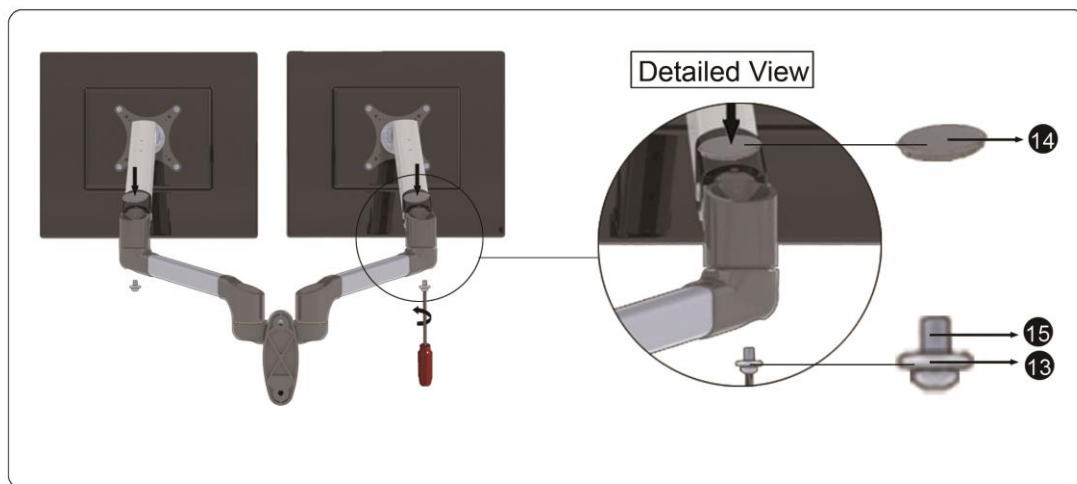


Figure 3-4

Step 【4】

Cable Management

⚠️ WARNING

Ensure that the gas spring arm is fully extended before connecting the cables.

⚠️ WARNING

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

Note: Be sure to leave enough slack in the cables to allow for movement of the arms.

Installing Cable Management

1. Adjust the arm to its fully extended position to ensure that the cables are not stretched or pulled when the monitor is moved. Connect cables to monitor (**See Figure 4-1**).
2. Feed the cables through the underside of the arms and push them into the cable entry slots. Then proceed to install the Cable Covers (**8**) to secure the cables (**See Figure 4-2**).

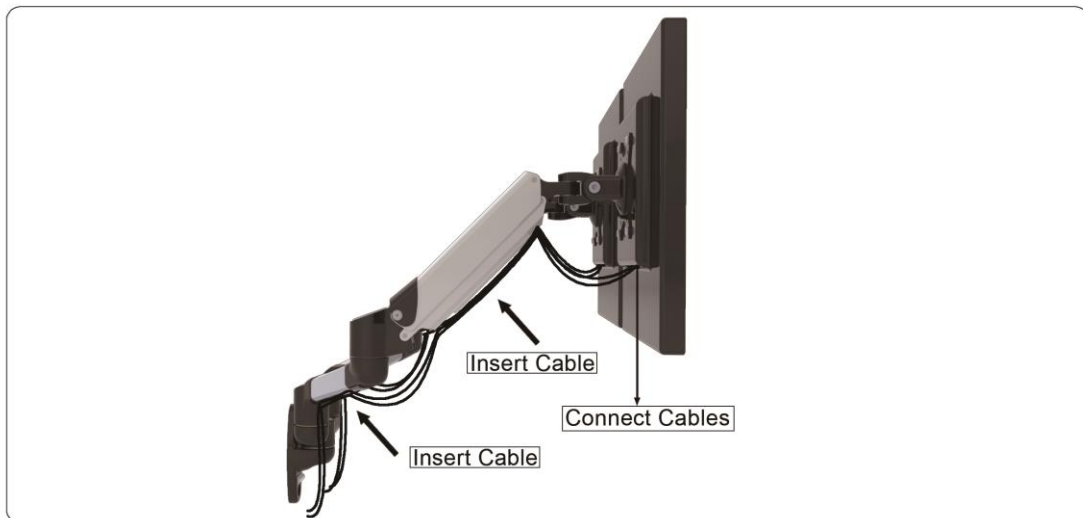


Figure 4-1

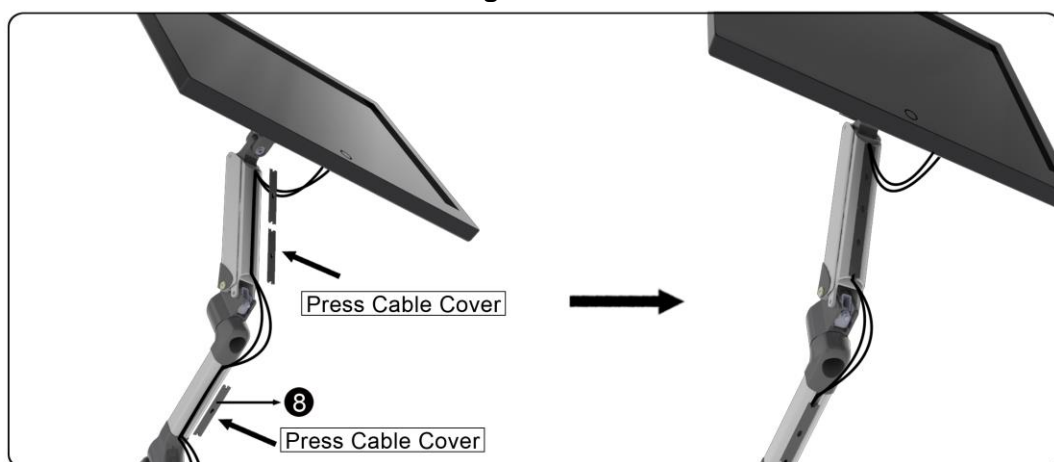


Figure 4-2

Step 【5】

Adjusting the Display Monitor

⚠️ WARNING

Forced movement of the gas spring arm or VESA bracket may damage the unit. Before adjusting, disconnect the power of the monitor to avoid excess damage. Make the necessary adjustments, ensure that the monitor is supported and the proper screws are loosened.

⚠️ CAUTION

Exercise caution when adjusting the monitor to avoid damage to equipment. Disconnect power before removing the monitor.

Note: The gas spring arm comes factory set to support a 17.6 lbs (8 kg) monitor. Be sure to adjust the arm to suit the weight of the monitor.

Adjusting the Resistance

1. Depending on the weight of the monitor, the resistance on the gas spring arm may need to be adjusted. To make the necessary adjustments, loosen/tighten the tension screw located at the corner of the articulating arm using the provided 4mm Allen wrench (5) (See Figure 5-1).

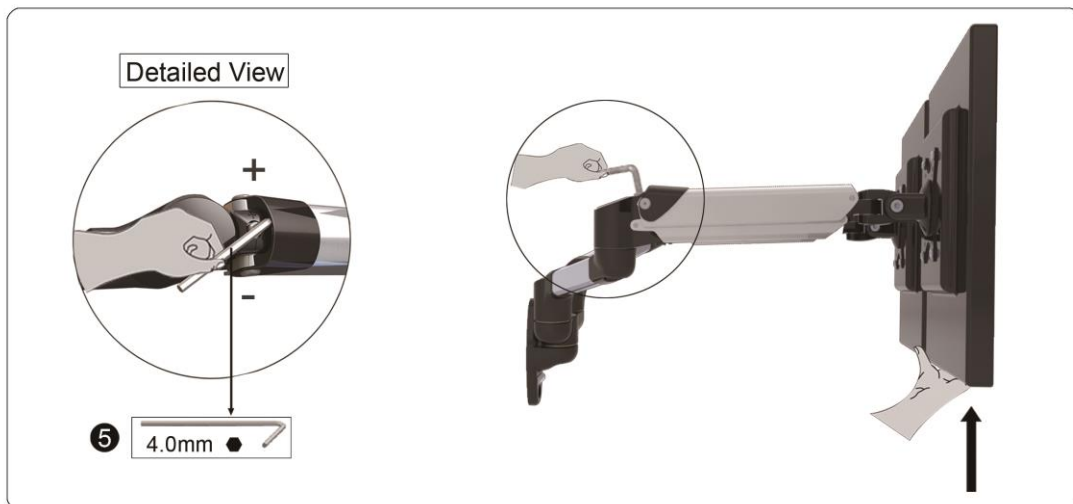


Figure 5-1

Adjusting the Mount Bracket Resistance

- To adjust the resistance on the VESA bracket, use the provided 6mm hex Allen wrench (6) to loosen or tighten the hex screw until you have reached your desired position (See Figure 5-2).

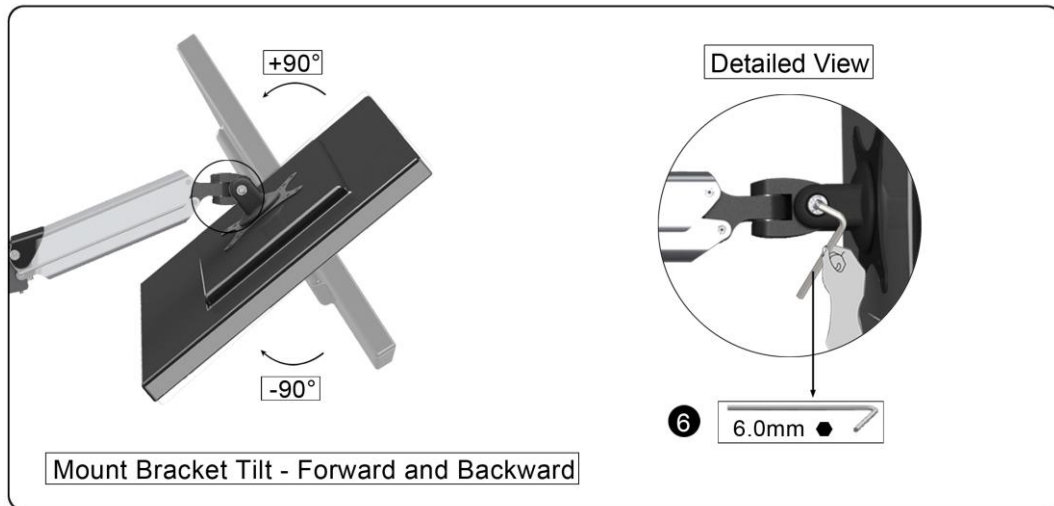


Figure 5-2

- This bracket features $\pm 90^\circ$ Swivel (See Figure 5-3).

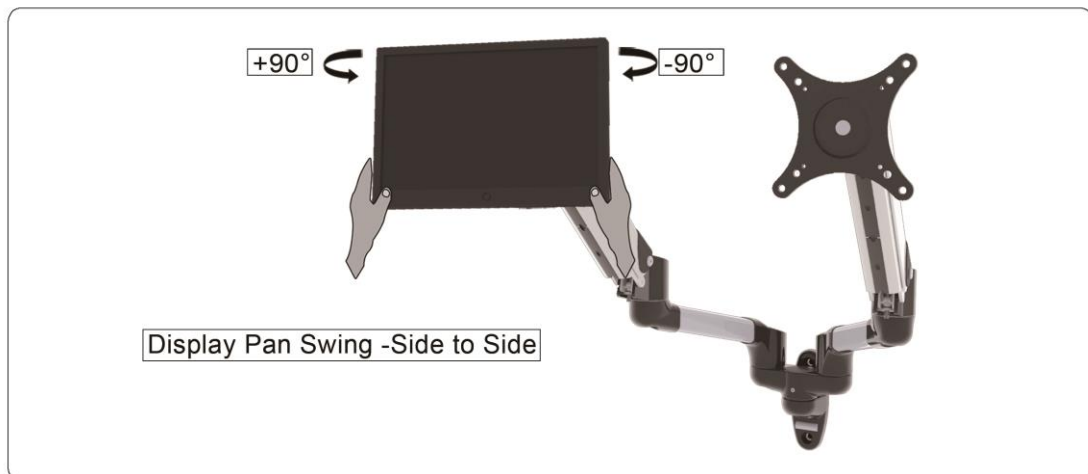


Figure 5-3

4. The gas spring arm can lift up 60° and down 30° (**See Figure 5-4**). At the wall plate, the mount has a swivel range of 180°, 360° at the pivot point and 180° at the monitor interface (**See Figure 5-5**).

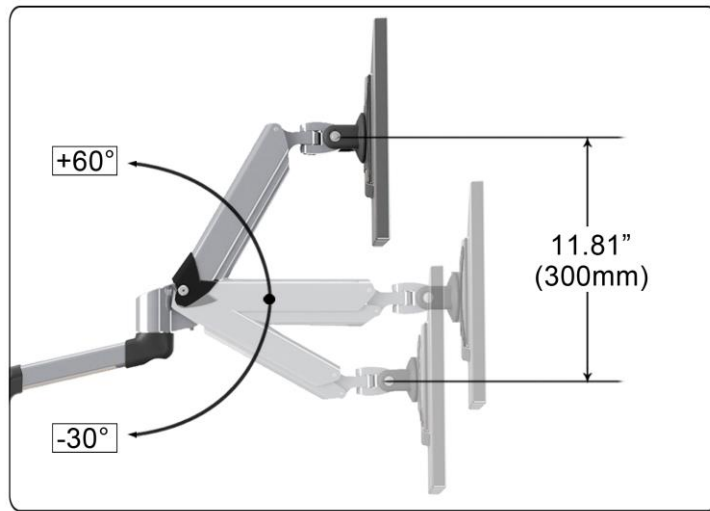


Figure 5-4

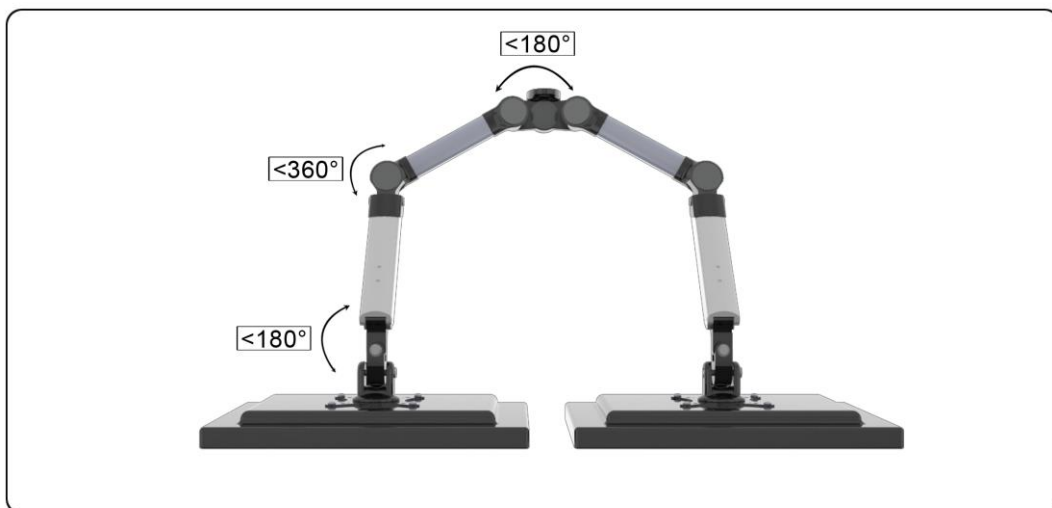


Figure 5-5

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 disabilities.

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

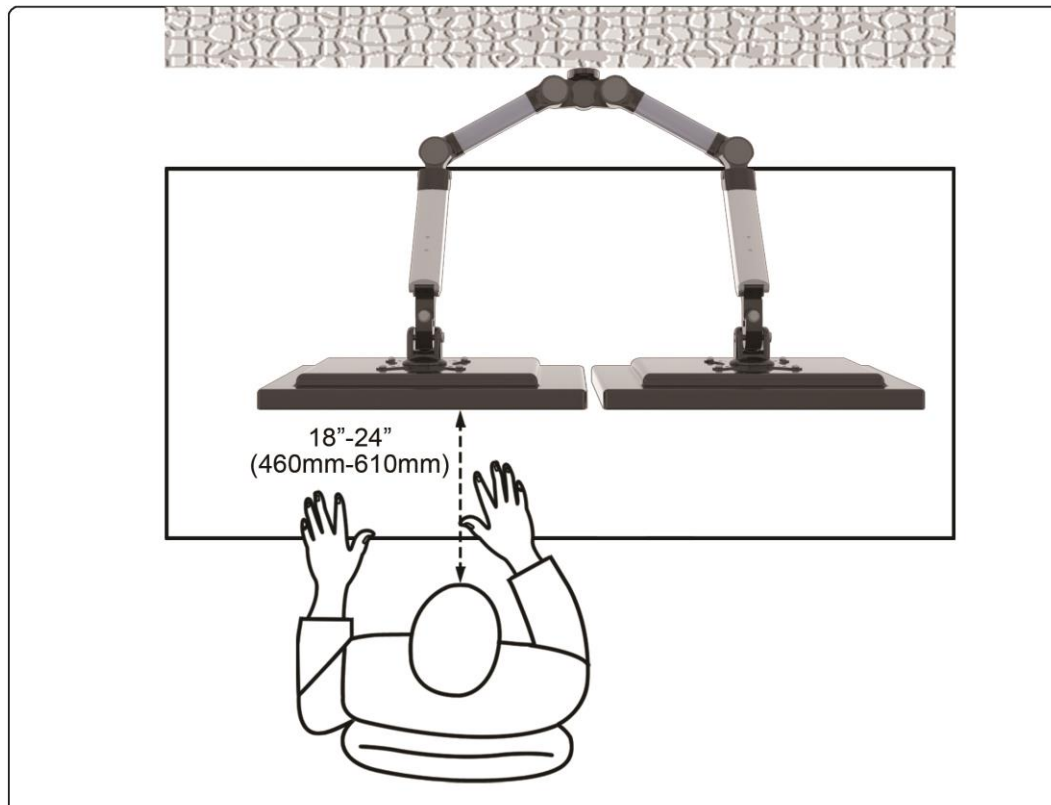


Figure 6-1

2. Agronomists recommend that the proper screen position should be slightly below eye level. The suggested viewing angle should be approximately 10-20° downward onto the center of the screen. The lumbar (bottom five vertebrate in the spine) needs to be supported to decrease disc pressure. Using a chair that provides lumbar support is critical in preventing excessive pressure on the lower back. The proper ergonomic seating position requires the wrists to be straight and a 90° seat and knee angle. To reduce reflection on your screen, tilt the monitor forward or backwards 5 to 15° (See Figure 6-2).

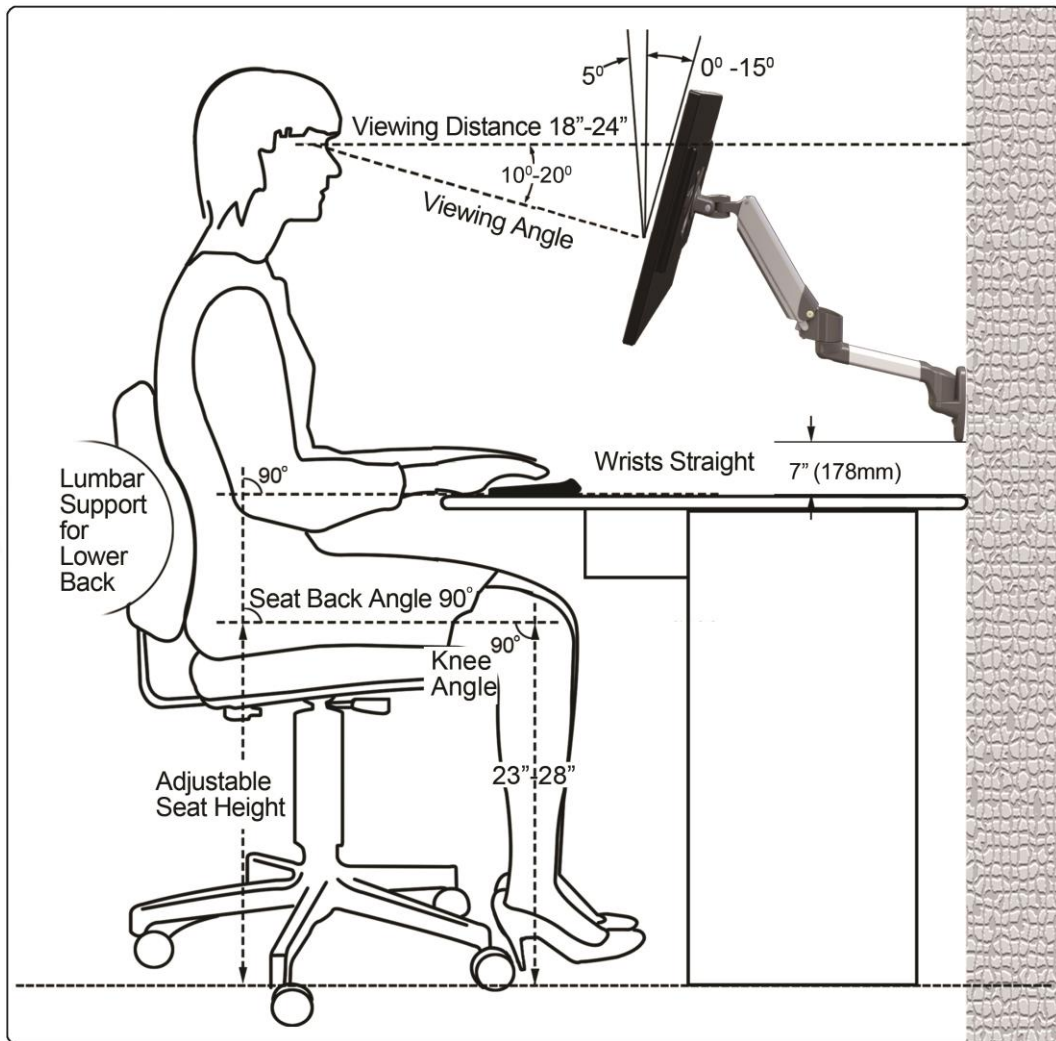


Figure 6-2

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