



# 354 / 355 Light Wood Framed Wall Mount Installation

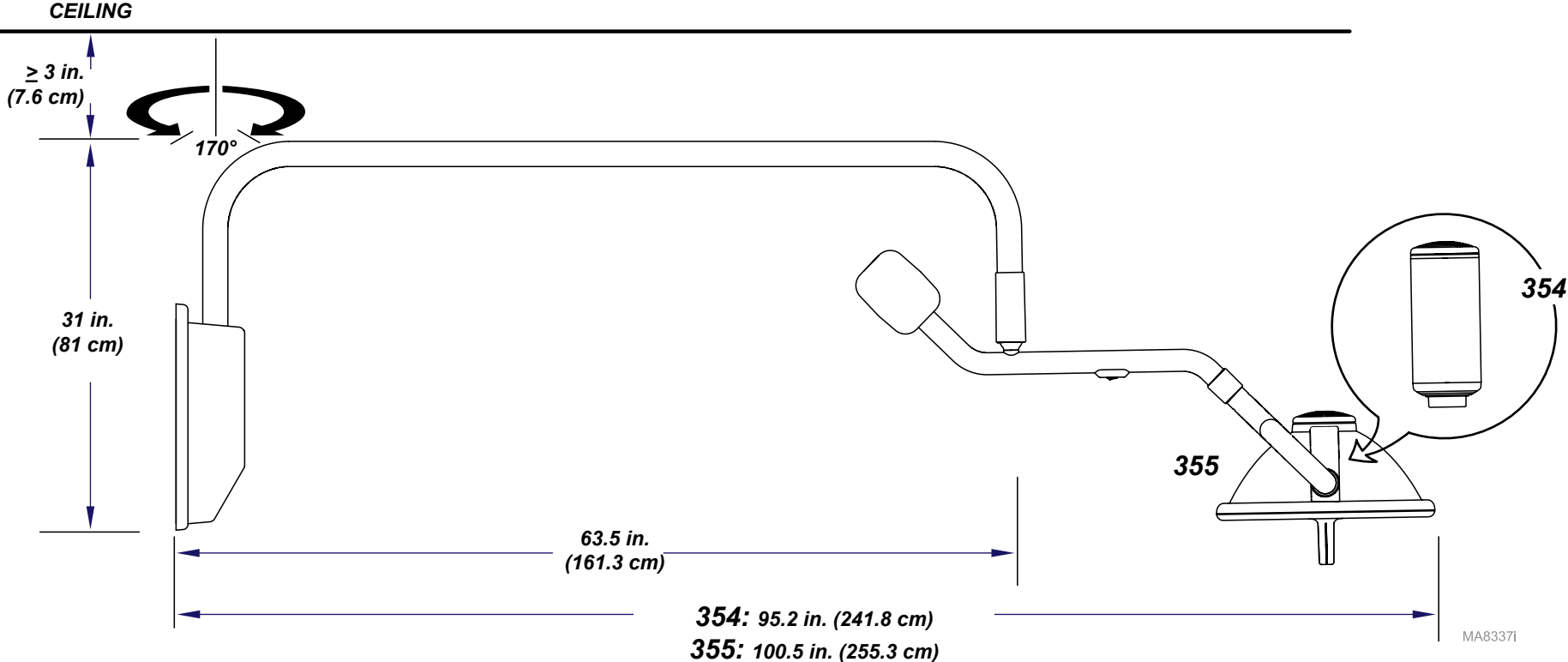
**Applies to Models:**  
354 (-043)  
355 (-042)  
*Language of origin: English*

**Step 1: Determine mounting location.**  
A) Use the weight / dimension information shown on this page to determine the mounting location.  
*Note: Power source **must** be within 12 ft. (3.6 m) of mounting location.*

**NOTE:**  
The wall structure must be capable of supporting the light system.

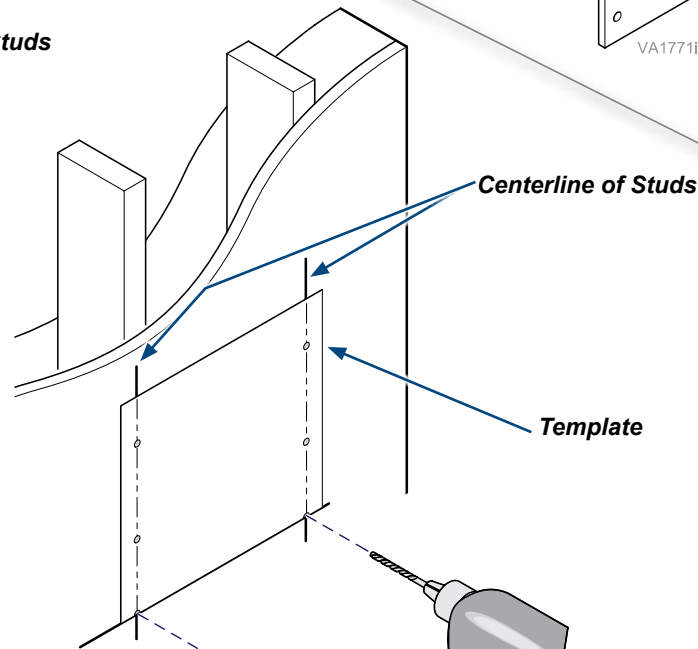
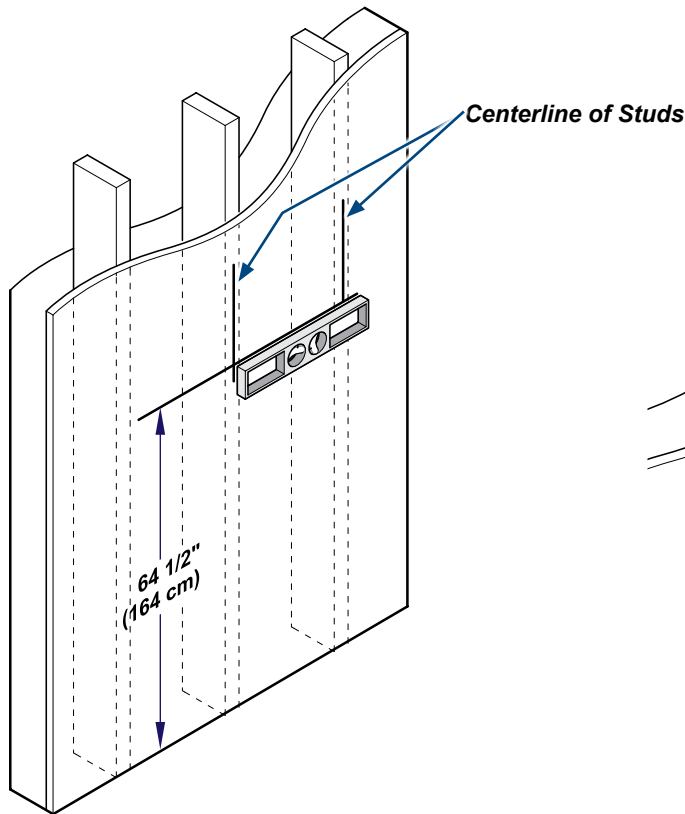
**Weight (max.):..... 110 lbs (49.9 kg)**  
**Torque (max.):..... 375 ft-lbs (508.4 N•M)**

In addition to supporting the weights listed, the wall structure must be able to support the light without deflection. To prevent the suspension arm from drifting, the assembly must deflect no more than 1/16" (1.6 mm) over a 12" (30.5 cm) distance.



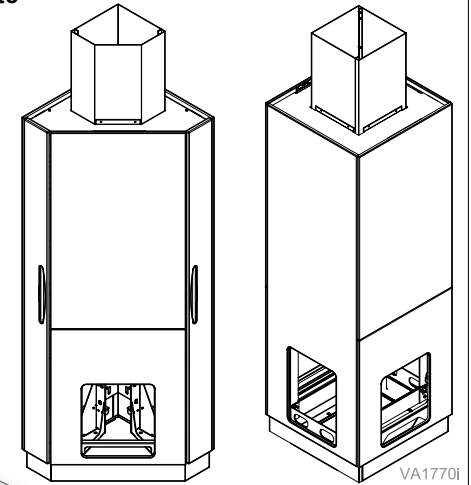
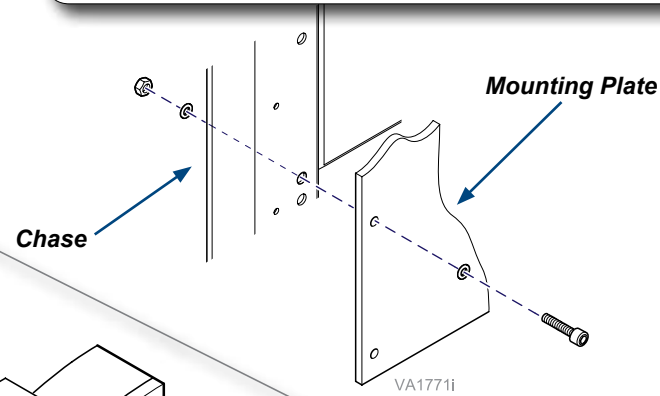
**Step 2: Position the template on the wall.**

- A) Draw a **level** line on the wall at 64 1/2" (163.8 cm) from the floor. (Be sure the line spans two wall studs)
- B) Locate / mark the center of the two wall studs.
- C) Align the bottom of the template with the line drawn in Step 2 (A).
- D) Align the centerlines of the studs with the lines marked on the template.



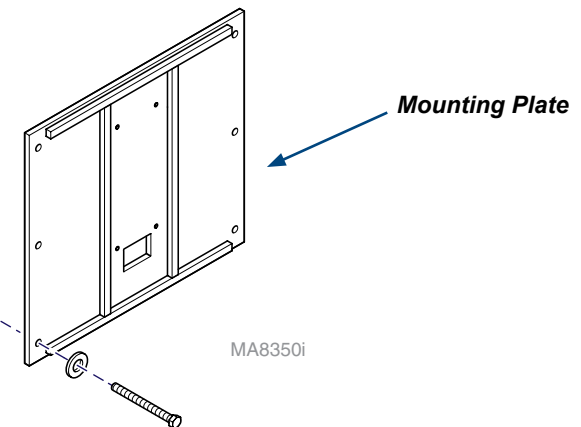
**Note**

Refer to chase installation manual for mounting hole locations.  
To install light, use hardware included with chase cabinet. (3/8" bolts, washers and nuts)



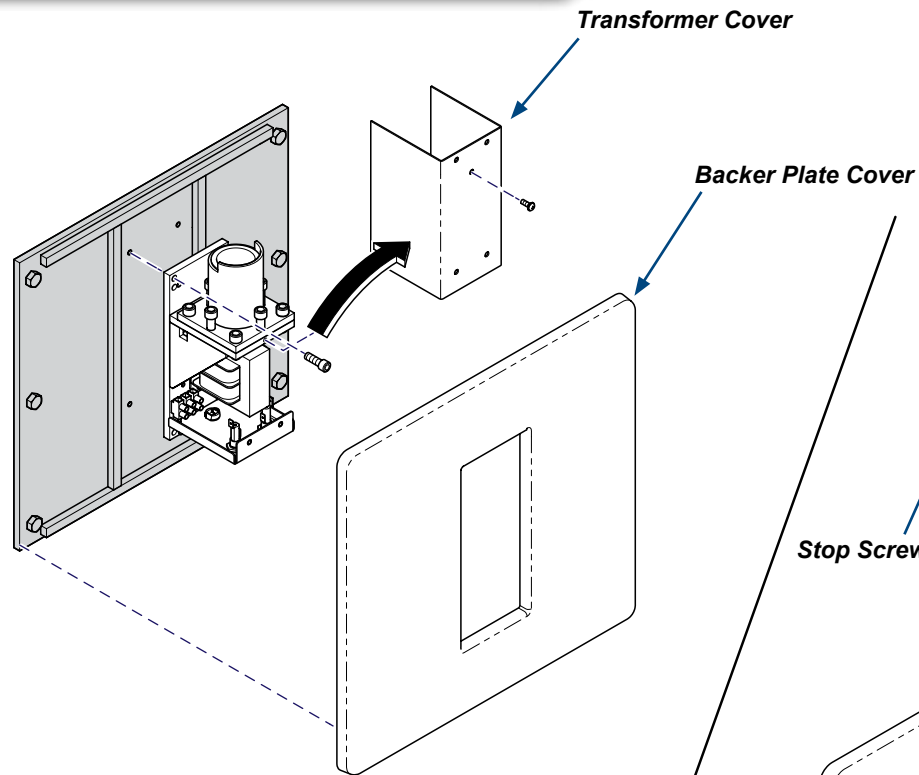
**Step 3: Secure mounting plate to wall.**

- A) Using a 1/4" drill bit, drill six pilot holes using the template as a guide.
- B) Secure mounting plate to wall with six lag bolts / washers (provided).



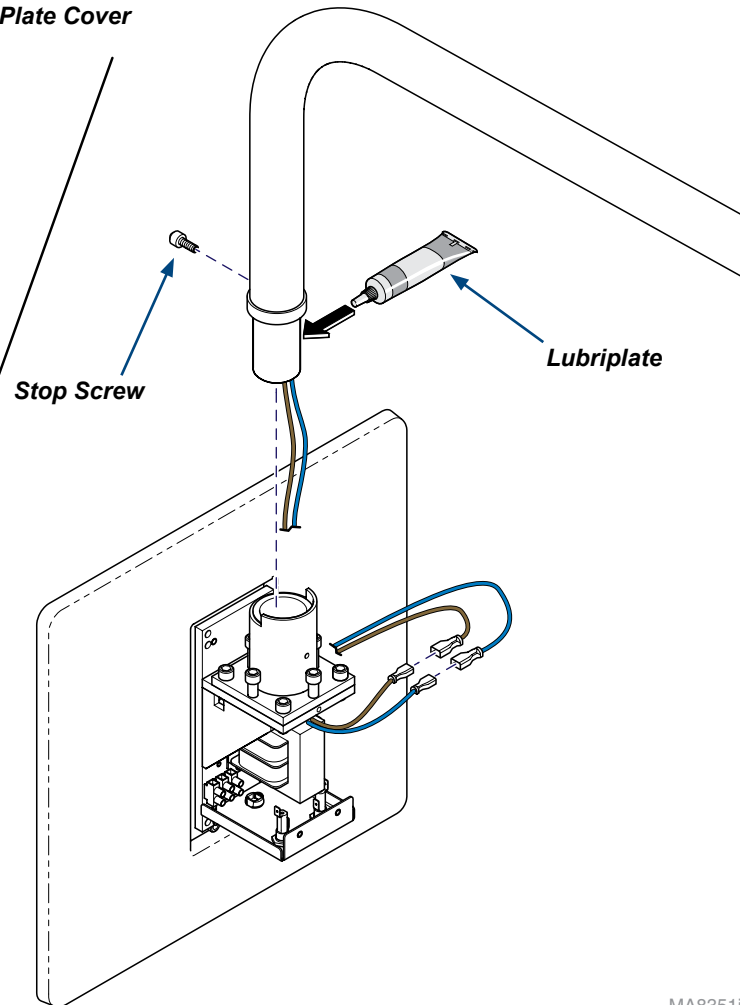
**Step 4: Install mounting bracket.**

- A) Remove transformer cover.
- B) Align mounting bracket with holes in backer plate, then secure with four bolts.
- C) Install backer plate cover.



**Step 5: Install fixed arm.**

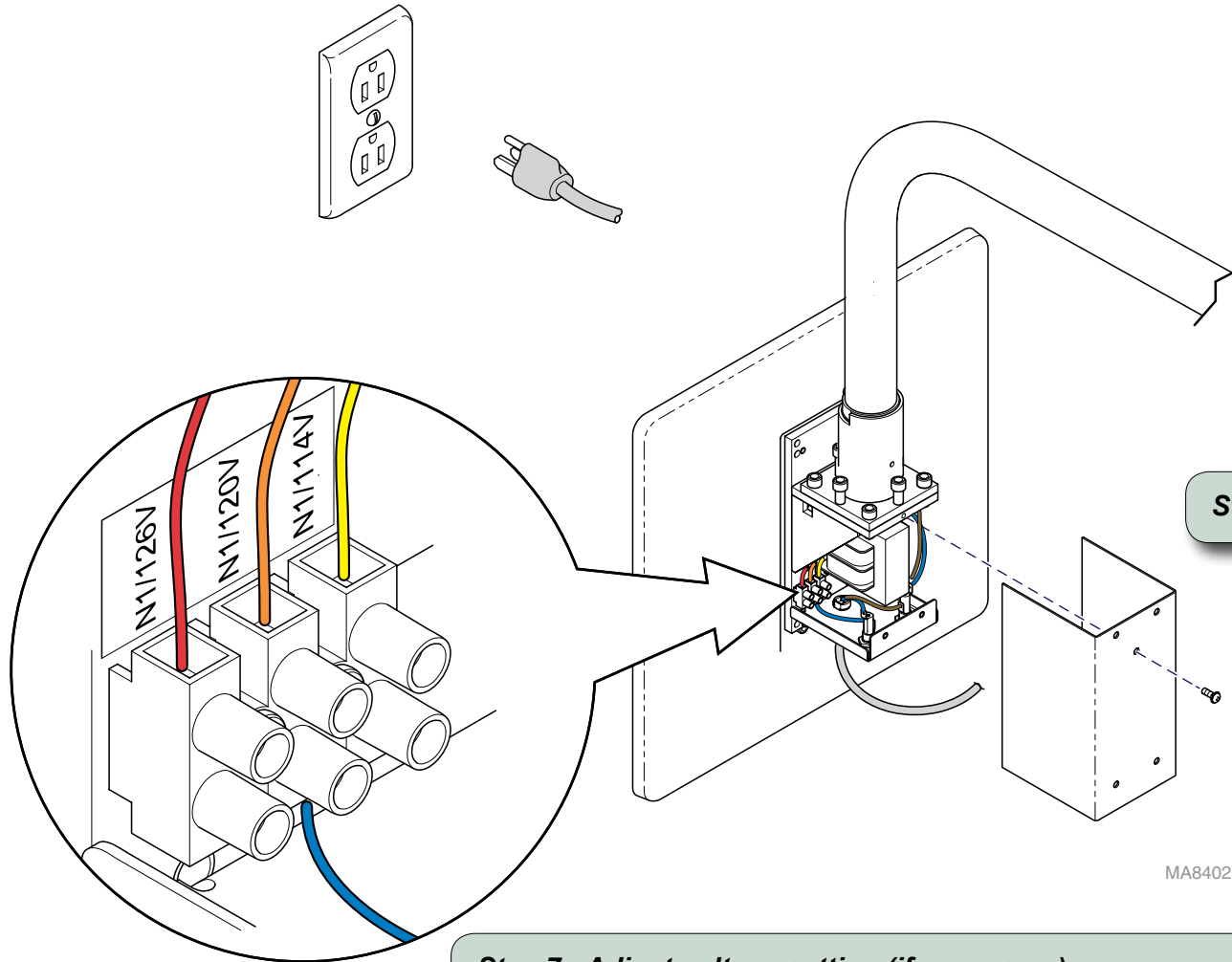
- A) Install stop screw into fixed arm.
- B) Apply Lubriplate (supplied) to fixed arm as shown.
- C) Carefully route the wires down thru bearing while inserting fixed arm into mounting bracket.
- D) Connect two fixed arm wires to matching color wires from transformer.



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**Step 6: Measure facility voltage.**

- A) Use a multimeter to measure the voltage supplied to the light.
- B) Record this voltage reading.



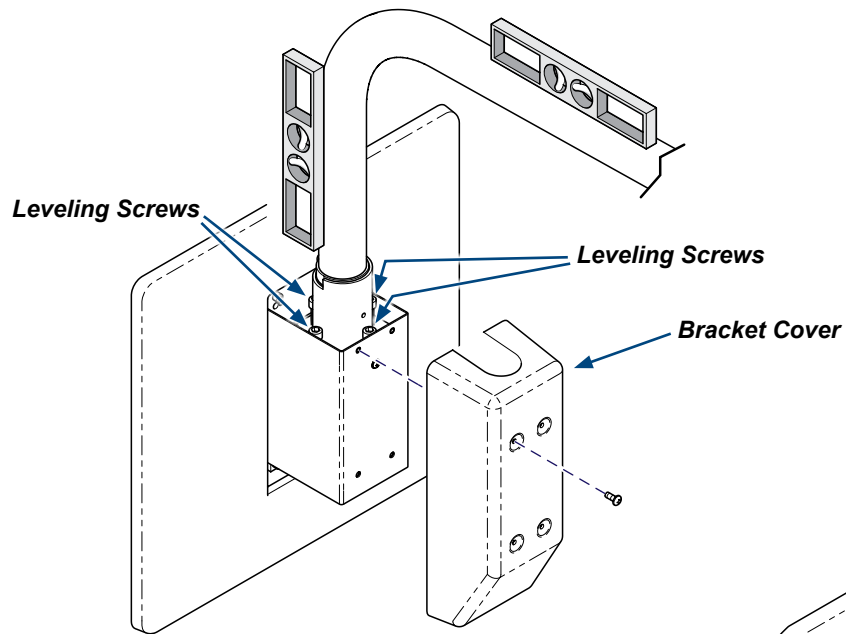
**Step 8: Install transformer cover.**

**Step 7: Adjust voltage setting (if necessary).**

- A) Based on the voltage measured in Step 11, move the blue wire on the terminal strip to the correct position.

Voltage measurement:      less than 117 VAC (blue wire position: **N1/114V**)  
117.1 VAC thru 123 VAC (blue wire position: **N1/120V**)  
123.1 VAC or higher (blue wire position: **N1/126V**)

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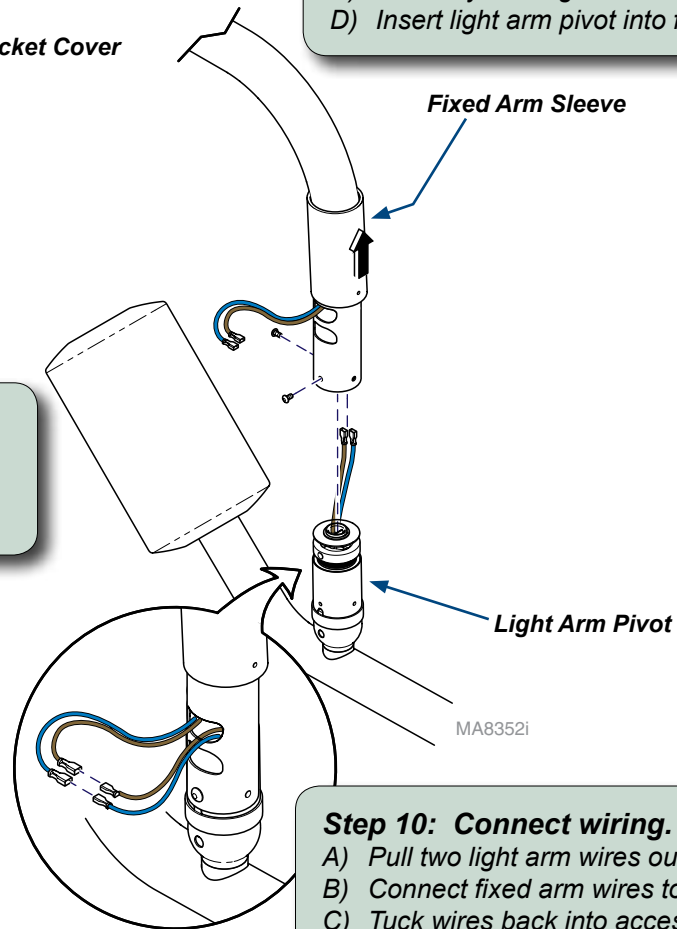


**Step 11: Level fixed arm / install bracket cover.**

- A) Check the vertical & horizontal level of the fixed arm.
- B) Adjust four leveling screws as necessary.
- C) Secure bracket cover with four screws.

**Step 9: Install light arm.**

- A) Slide fixed arm sleeve onto fixed arm as shown.
- B) Pull two fixed arm wires out thru top access hole.
- C) Carefully feed light arm wires up into fixed arm.
- D) Insert light arm pivot into fixed arm, then secure with two screws.

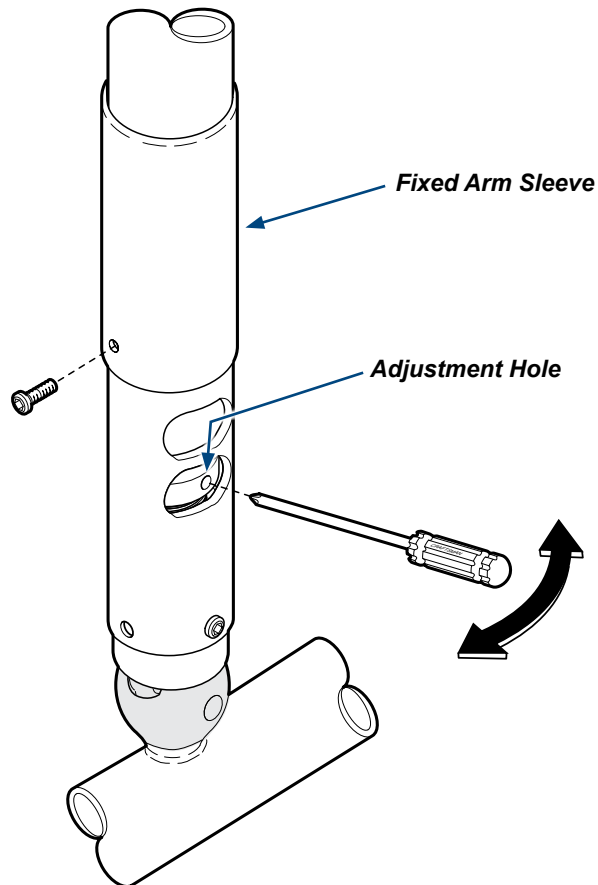


**Step 10: Connect wiring.**

- A) Pull two light arm wires out thru access hole.
- B) Connect fixed arm wires to matching color wires from light arm.
- C) Tuck wires back into access hole.

### Step 12: Release ball pivot tension.

- A) Slide fixed arm sleeve up to expose opening.
- B) Insert screwdriver into adjustment hole.
- C) Move the screwdriver LEFT until tension is fully released.



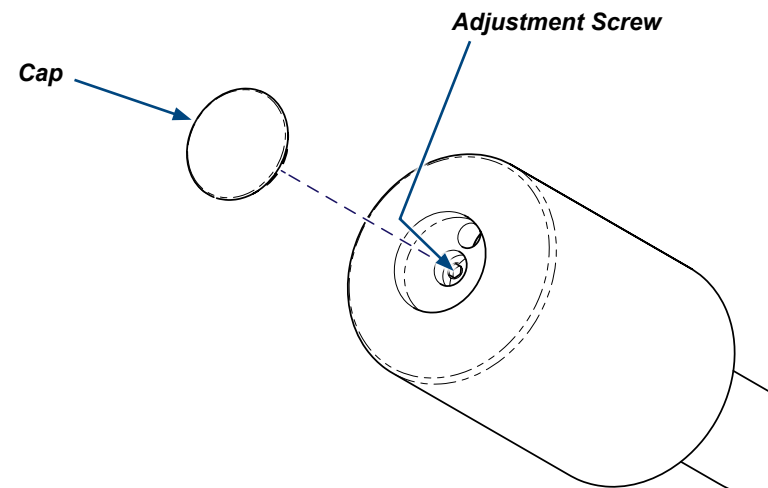
### Step 14: Adjust ball pivot tension...

- A) Insert screwdriver into adjustment hole.
- B) Move the screwdriver LEFT / RIGHT to adjust tension setting (LEFT: **decreases** tension / RIGHT: **increases** tension)
- C) Remove screwdriver, and check for desired tension. Repeat until desired tension is achieved.
- D) Slide fixed arm sleeve down, then install screw.

### Step 13: Adjust cross tube counterbalance.

- A) Remove cap from counterbalance.
- B) Loosen / tighten the adjustment screw until the cross tube balances in horizontal position.
- C) Install cap onto counterbalance.

Note: Turning the adjustment screw clockwise will lower the lighthouse.  
Turning the adjustment screw counterclockwise will raise the lighthouse.



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