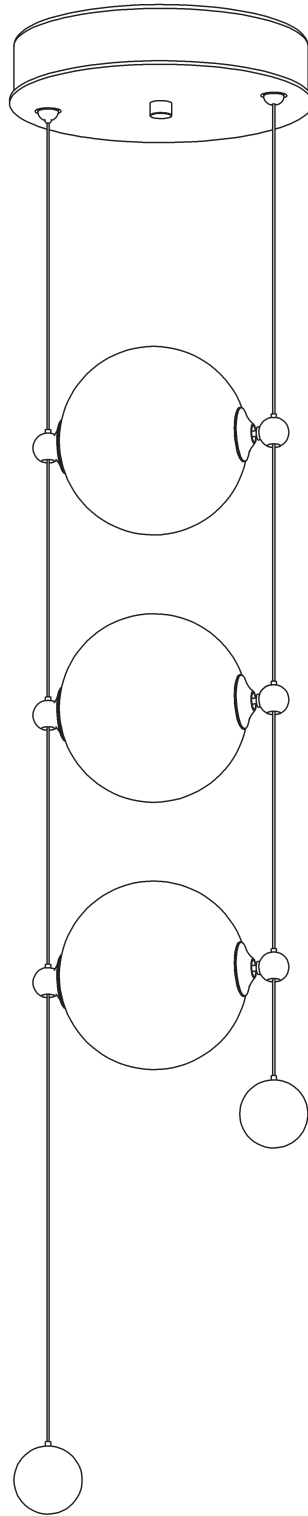


# ASSEMBLY & INSTALLATION INSTRUCTIONS

A881

Abacus 3 Light Pendant 139059



HUBBARDTON FORGE.

MODERN AMERICAN BLACKSMITHS | FINE, HAND CRAFTED LIGHTING  
CASTLETON, VERMONT USA | HUBBARDTONFORGE.COM

**Component Parts**

- A Canopy**
- B Canopy Cover Plate**
- C Cap**
- D Threaded Nipple**
- E Ground Screw**
- F Cupped Washer**
- G Gripper (2)**
- H Gripper Plate**
- I #8 Screws (2)**
- J Driver**
- K Standoff (2)**
- L Support/Supply Cable (2)**
- M Glass Balls (3)**
- N Glass Gripper (6)**
- O Steel Ball (2)**
- P Ball Gripper (4)**



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**CAUTION: FAILURE TO INSTALL THIS FIXTURE PROPERLY MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH AND PROPERTY DAMAGE.** We recommend installation by a licensed electrician. This product must be installed in accordance with applicable installation code(s), by a person familiar with the construction and operation of the product and the hazards involved.\*

Caution: Do not exceed maximum wattage noted on fixture. Use only recommended bulbs with fixture.

Please Note: After installation extra hardware and accessories are possible due to our kits are used on multiple products and options.

## To Attach to Ceiling (Figure 1 - on following page)

**CAUTION: BE SURE POWER IS OFF AT THE MAIN BREAKER BOX PRIOR TO INSTALLATION.**

1. Carefully unpack the fixture from the carton.
2. Locate canopy assembly. Remove cap (C) and canopy cover plate (B). Set aside for later use.
3. Remove (2) #8 screws (I) and gripper plate (H) from canopy (A).

**NOTE: POSITION THE CANOPY SO THAT THE GRIPPERS ARE IN LINE WITH THE DESIRED DIRECTION OF YOUR FIXTURE.**

4. Thread the wires from the electrical box through the center hole in the canopy (A) while moving the canopy into position. Using two machine screws (not provided), fasten the canopy to the electric box using oval slots in center.

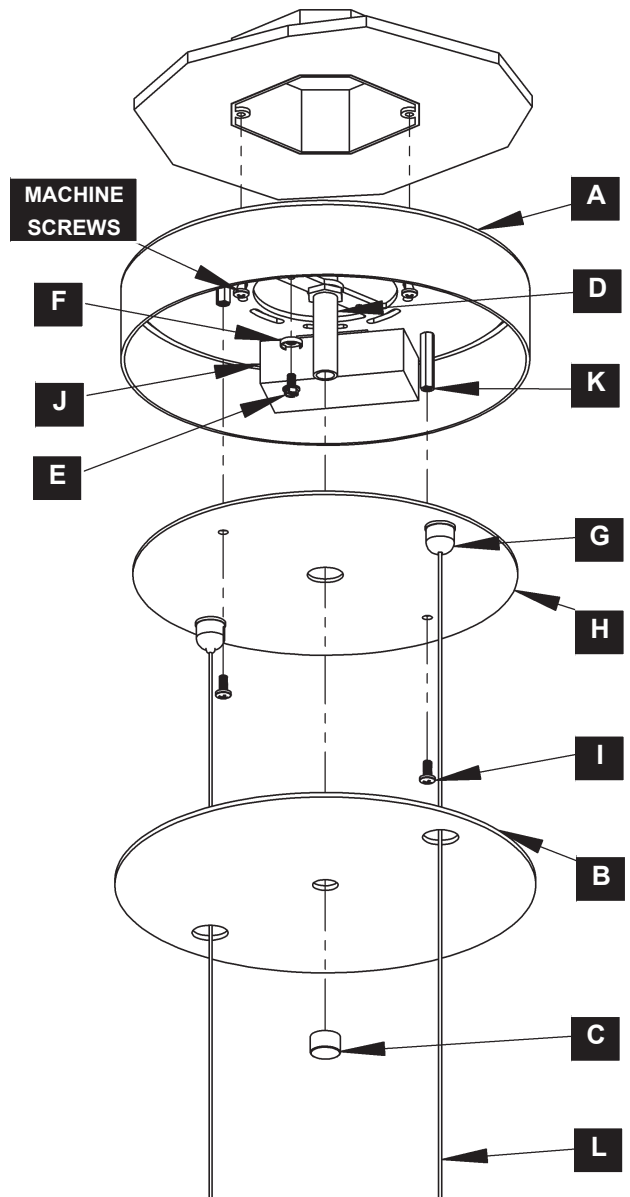
**NOTE: A NEW ELECTRIC BOX COMES WITH SCREWS. WHEN REPLACING A FIXTURE, RETAIN THE EXISTING SCREWS FOR USE WITH THE NEW FIXTURE.**

5. Attach a pigtail lead to the canopy (A) using the provided ground screw (E) and cupped washer (F), found in kit bag.
6. Using suitable wire connectors (not provided) connect driver (J) wires to supply wires (white to white and black to black). Connect all ground wires (bare copper or green to bare copper or green) together.

**CAUTION: MAKE SURE WIRE CONNECTORS ARE TWISTED ON SECURELY AND NO BARE WIRE IS EXPOSED.**

7. Re-install gripper plate (H) by installing (2) #8 screws (I) into standoffs (K) in canopy (A).
8. Align (+) and (-) labels on canopy cover plate (B) with (+) and (-) labels on canopy (A).
9. Slip canopy cover plate (B) over threaded nipple (D) and up against canopy (A). Secure with cap (C).

**CAUTION: BE SURE NO WIRES ARE PINCHED BETWEEN THE CANOPY (A) AND THE CEILING.**



(Figure 1)

# ASSEMBLY & INSTALLATION INSTRUCTIONS

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## Install Glass & Steel Balls *(Figure 2 - on following page)*

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1. Careful unpack glass balls (M).
2. One glass grippers (N) on each glass ball (M) will be marked on the bottom in red for (+) .
3. The canopy (A) is marked over the cables (L) with (+) and (-) labels. Red glass grippers (N) will always be on a (+) cable.
4. Slide glass balls (M), plunger end first, up appropriate cables (L). Repeat with remaining glass balls (M) and locate in desired orientation.

**Note:** Be sure red glass grippers are on a (+) cable.

5. If glass ball (M) needs to be lowered, push in on the plunger to release cable, hold in, and move glass ball to desired location.
6. Cut cables (L) to desired heights.
7. Install steel balls (O) onto ends of cable (L) by pushing plunger end of ball gripper (P) onto cable.
8. Repeat for remaining steel ball (O).
9. Restore electricity at main breaker.

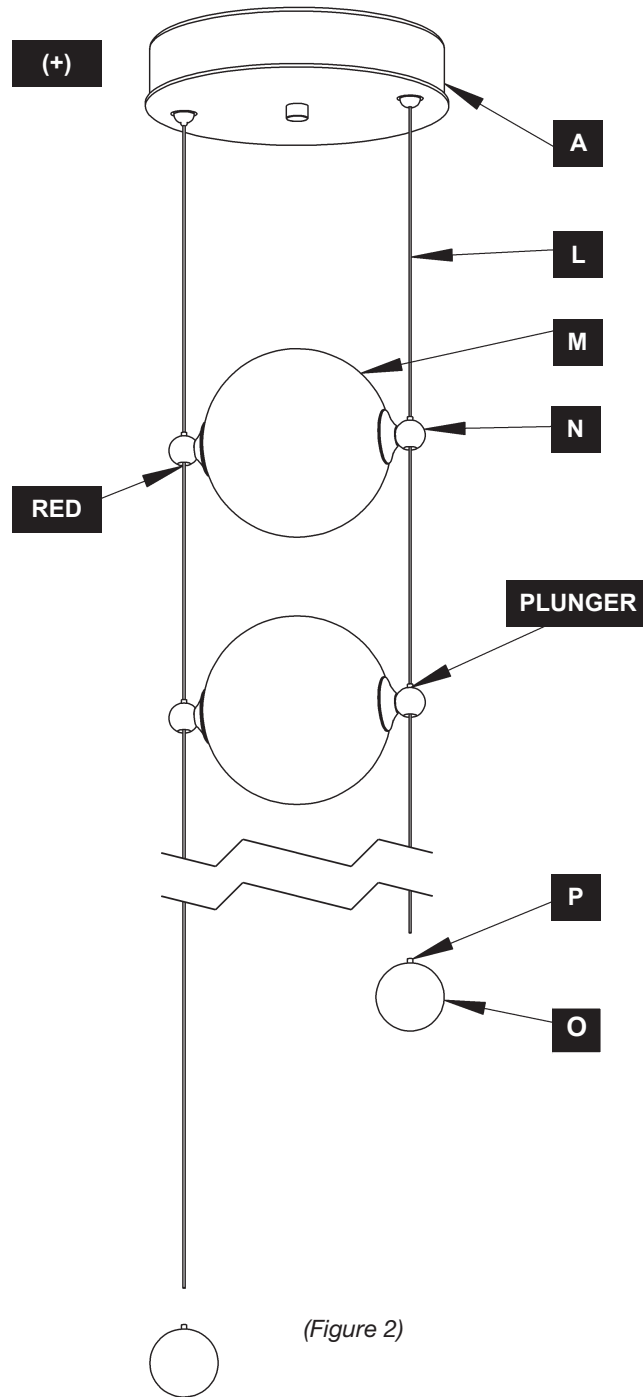
## IMPORTANT NOTES:

- LED glass modules are factory assembled. Do NOT attempt to disassemble Glass Ball (M).
- Additional glass balls can be ordered individually. Contact the dealer from which you purchased this product for more information.
- Due to electrical components included with this fixture, the maximum number of glass ball modules allowed is (5).
- If more than (5) glass ball modules are desired, please contact dealer about a custom fixture.

# ASSEMBLY & INSTALLATION INSTRUCTIONS

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Abacus 3 Light Pendant 139059



(Figure 2)

If you need further assistance, or find that you are missing any parts, please contact the dealer from which you purchased this product. We hope you enjoy your fixture!

**\* Hubbardton Forge will not be liable for injury or damage caused by improper installation, lamping or use of this fixture.**