

# Instructions For Use

## Outpatient<sup>®</sup> II / CoolSpot<sup>™</sup> II

### Floorstand Assembly

Model	115v~60Hz	Before 1/1/05	230v~50Hz (Regular)	230v~50Hz (Europe)
OP II Floor	OP216FL	0224112	OP225FL	O202FL
CS II Floor	CS316FL	0244312	CS325FL	C302FL

This product was designed and assembled in the U.S.A. by

**BURTON MEDICAL PRODUCTS CORP.**  
**21100 Lassen St.**  
**Chatsworth, CA 91311**  
**U.S.A.**

**This manual to remain  
with end user.**

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## A.0 Assembly Instructions

### A.1.0 Pre-Assembly

- A.1.1 **Warning: Failure to properly follow installation and preventive maintenance instructions may result in mechanical failure.**
- A.1.2 Ensure that the intended electrical outlets are 3-prong grounded-type, supplying the appropriate voltage. Each light draws 1.4 amps current (Outpatient® II or CoolSpot™ II) through the primary circuit.
- A.1.3 Note: The Burton FlexiMount™ floorstand base and upright have been designed to be used with the Burton Flexible Arm™ lights. These lights are provided as head-and-arm assemblies which are authorized for use only with Burton FlexiMount™ ceiling mount, wall mount, Fastrac, or floorstand. Any other use will void the warranty and may cause a safety hazard.
- A.1.4 Tools required: Allen wrench, open-end wrenches, mallet.
- A.1.5 Carefully unpack the cartons and match the parts received with the parts list enclosed.
- A.1.6 Before Reporting Shortages:
1. Be sure you have received the correct number of boxes, cartons, etc., as shown on the bill of lading.
  2. Check the entire shipment against the packing slip, which is enclosed in one of the boxes.
  3. Items indicated in the column headed “Back Order” are not included in the shipment and will follow later.
  4. Be sure that nothing has been removed from the cartons before they are checked by the individual in charge.
  5. Empty all boxes completely, open all inside containers, and examine all packing material so as not to overlook small articles.
- A.1.7 If a Shortage or Damage Occurs:
1. You, the receiver, **not Burton**, are responsible for filing any claim(s) with the delivering carrier within five (5) days after receipt of the shipment.
  2. If damage or shortage occurs in transit, the delivering carrier is required by law to make notation of a shortage or damage. This notation is to be made on the bill of lading.
  3. If in your opinion there may be concealed damage, an agent from the delivering carrier is obligated to make an inspection after the goods are unpacked.
  4. Do not destroy packing material until after the agent has made out his report.
  5. All claims must be made to the carrier, **not Burton**.
  6. Written authorization must be obtained from Burton before merchandise can be returned.

## A.2.0 Assembly

### A.2.1 Refer to Diagram A:

The (4) casters are to be assembled to the base legs. First, run a 5/16" nut all the way down on each stem.

### A.2.2 Refer to Diagram B:

Install the casters in the base legs, retaining each caster with a 5/16" nut and lockwasher from inside the leg. Secure each caster by tightening the nut under the leg.

### A.2.3 Refer to Diagram C:

Use a mallet to tap the four (4) black end caps gently into place.

### A.2.4 Refer to Diagram D:

Run the wire harness coming out the top of the base all the way through the tubular upright. Make sure to insert the wires into the bottom of the tube and bring them out the top. The top of the tube is the end with two 8-32 threaded holes on one side.

### A.2.5 Refer to Diagram E:

Insert and seat the upright into the base and align the holes to the rear. Secure the tube by tightening the (2) setscrews in the base casting.

### A.2.6 Refer to Diagram F:

Route the wiring from the head/arm assembly through the pivot support so that all connectors are out the bottom.

Using the small tube of grease in the hardware pack, lightly grease the outside of the pivot shaft.

### A.2.7 Refer to Diagrams G and H:

Insert the greased shaft of the pivot support into the mating hole in the articulating arm (Diagram G). You will use the brass friction plug, spring, and threaded plug to retain it, as follows:

Insert the brass friction plug into the hole. **Make sure the friction plug is oriented properly to capture the shaft by riding down into the shaft groove** (Diagram H).

Insert the compression spring and threaded plug behind the brass friction plug (Diagram G).

Screw the threaded plug in until it is flush with the mating surface. It does not require full tightening to hold the pivot support assembly in place. It can be tightened for increased friction, if desired, after the overall assembly is complete.

Mate the corresponding connectors from the head/arm assembly to the harness in the upright according to color. There will be one (1) unused wire from the upright that can be stuffed back into the tube.

#### A.2.8 Refer to Diagram I:

Orient the head/arm/pivot support assembly to the upright so that the head/arm will hang out over the two base legs. Once in position, the head/arm can't move side to side.

After the proper electrical connections have been made, push the excess harness down the upright, and slide the pivot support onto the upright. Make certain the two holes in the pivot support match the holes in the upright. Fasten the two together with the 8-32 socket-head cap screws provided.

#### A.2.9 Refer to Diagram J:

Push the provided hole plug into place on top of the articulating arm. Use a light mallet to tap the hole plug down flush with the top edge of the pivot attachment.

#### A.2.10 Refer to Diagram K:

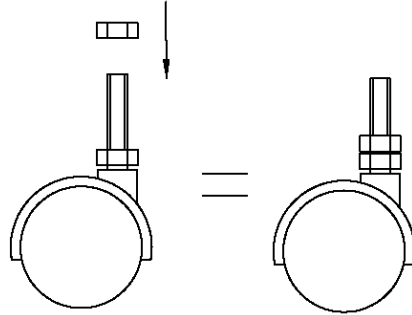
Assemble the external friction parts provided in the hardware kit to the articulating arm. Keep parts in the order shown in the diagram. Note that the elbow cover fits between the Belleville washer and the fiber washer.

Energize the light assembly, and turn the switch On to check proper operation. Remember that in order to redirect the light beam right or left, you must rotate the lighthead about the arm axis, or move the floorstand to the right or left.

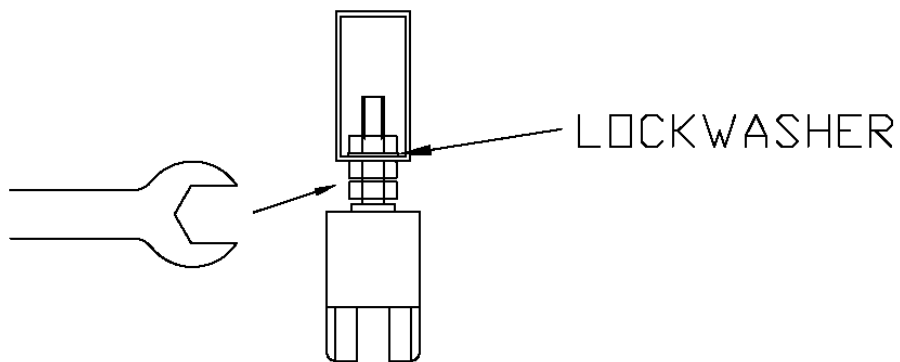
#### A.2.11 Leave the following items for the end user:

- These manuals:  
*IFU – Outpatient® II / CoolSpot™ II Head and Arm*  
*IFU – Outpatient® II / CoolSpot™ II Floorstand Assembly*
- The Owner Registration/Warranty Card
- Any small wrenches that were included in the installation package

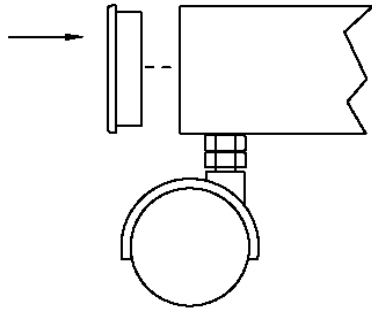
## Diagram A – Preparing Caster



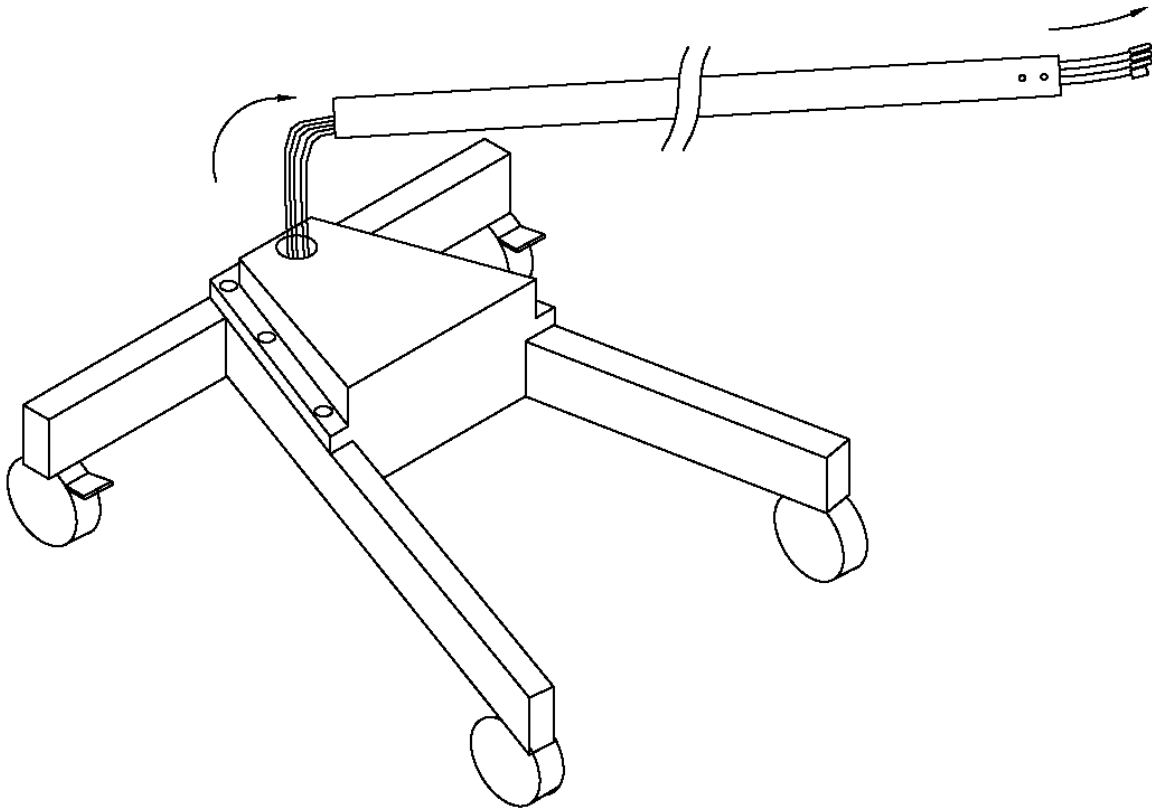
## Diagram B – Installing Caster in Base Leg



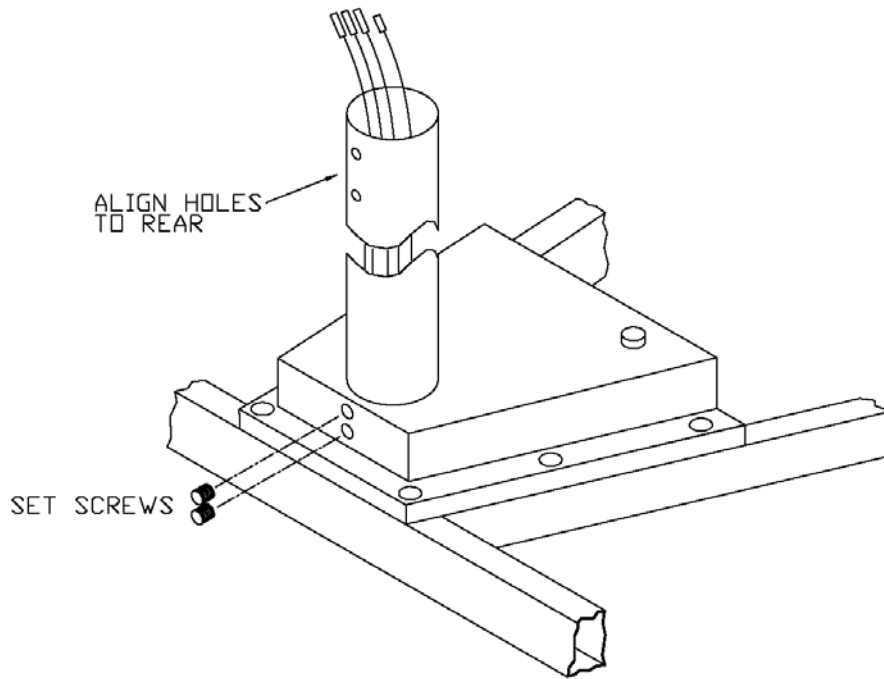
## Diagram C – Installing Base Leg End Cap



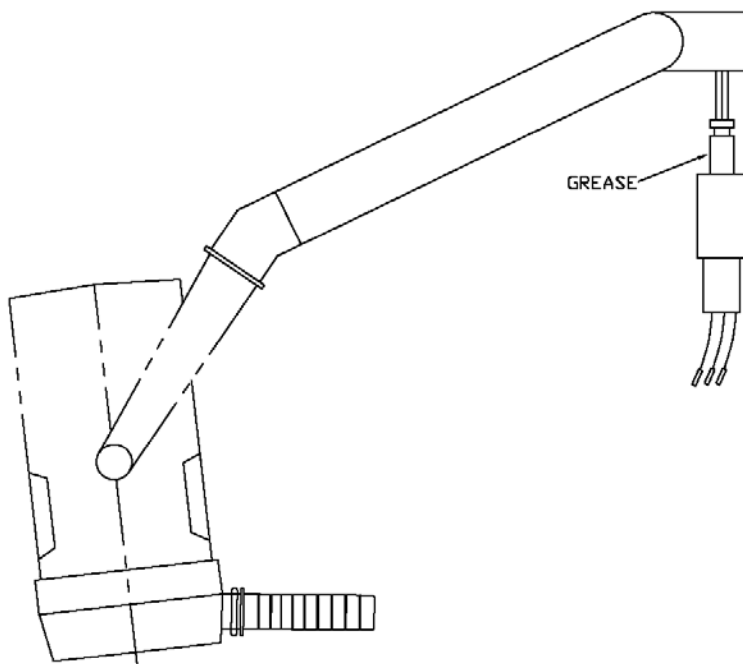
## Diagram D – Feeding Wiring through Upright



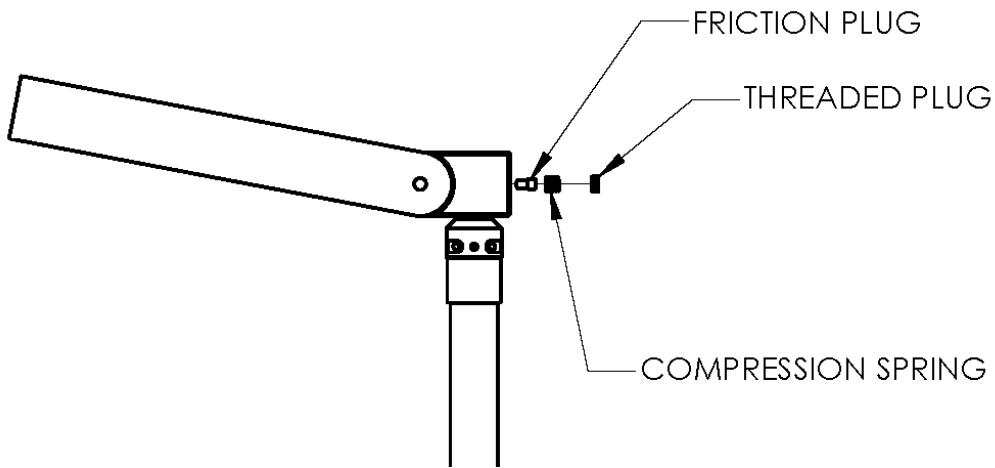
## Diagram E – Installing Upright on Base



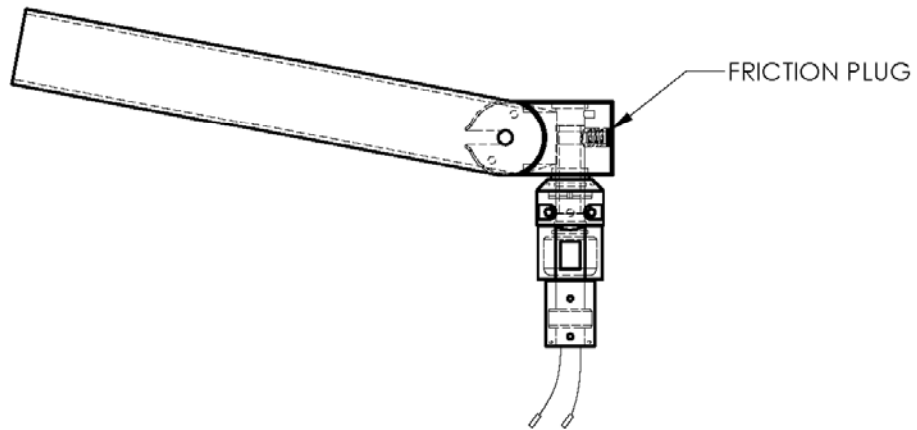
## Diagram F – Feeding Wiring Through Pivot



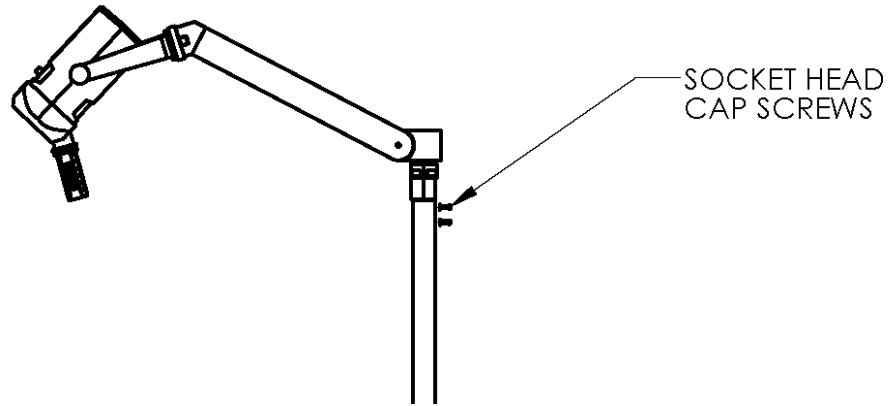
## Diagram G – Installing Friction Plug



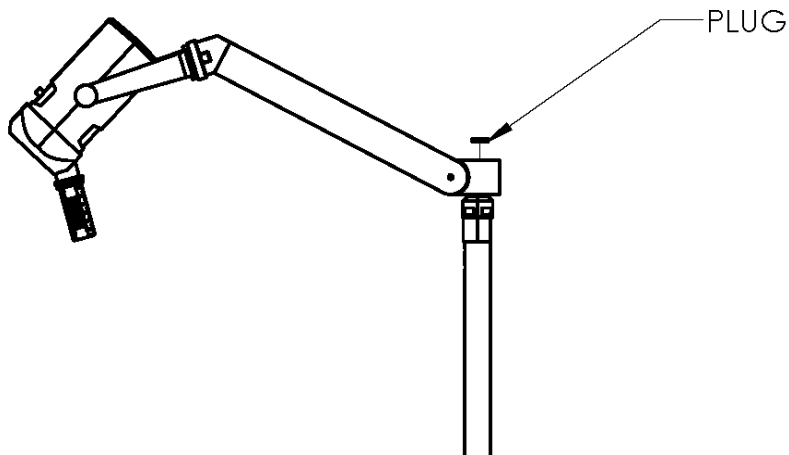
## Diagram H – Orienting Friction Plug



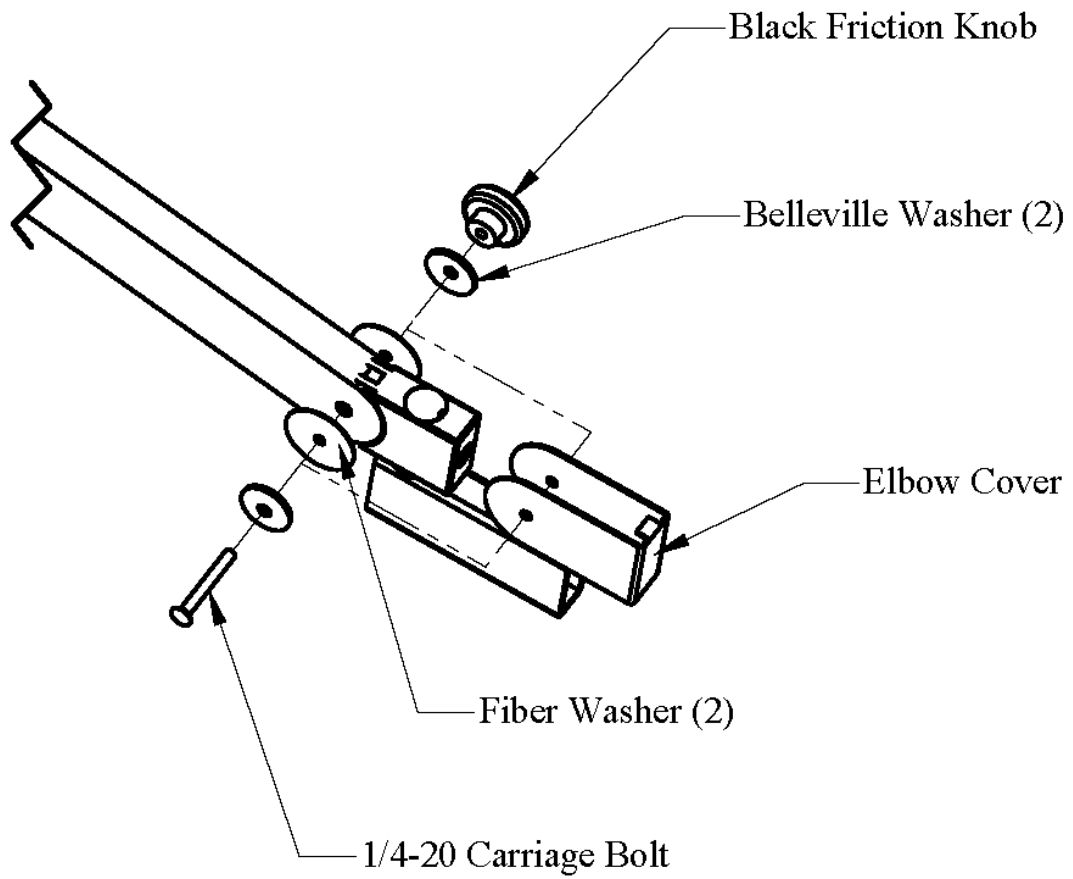
## Diagram I – Attaching Head/Arm/Pivot to Upright



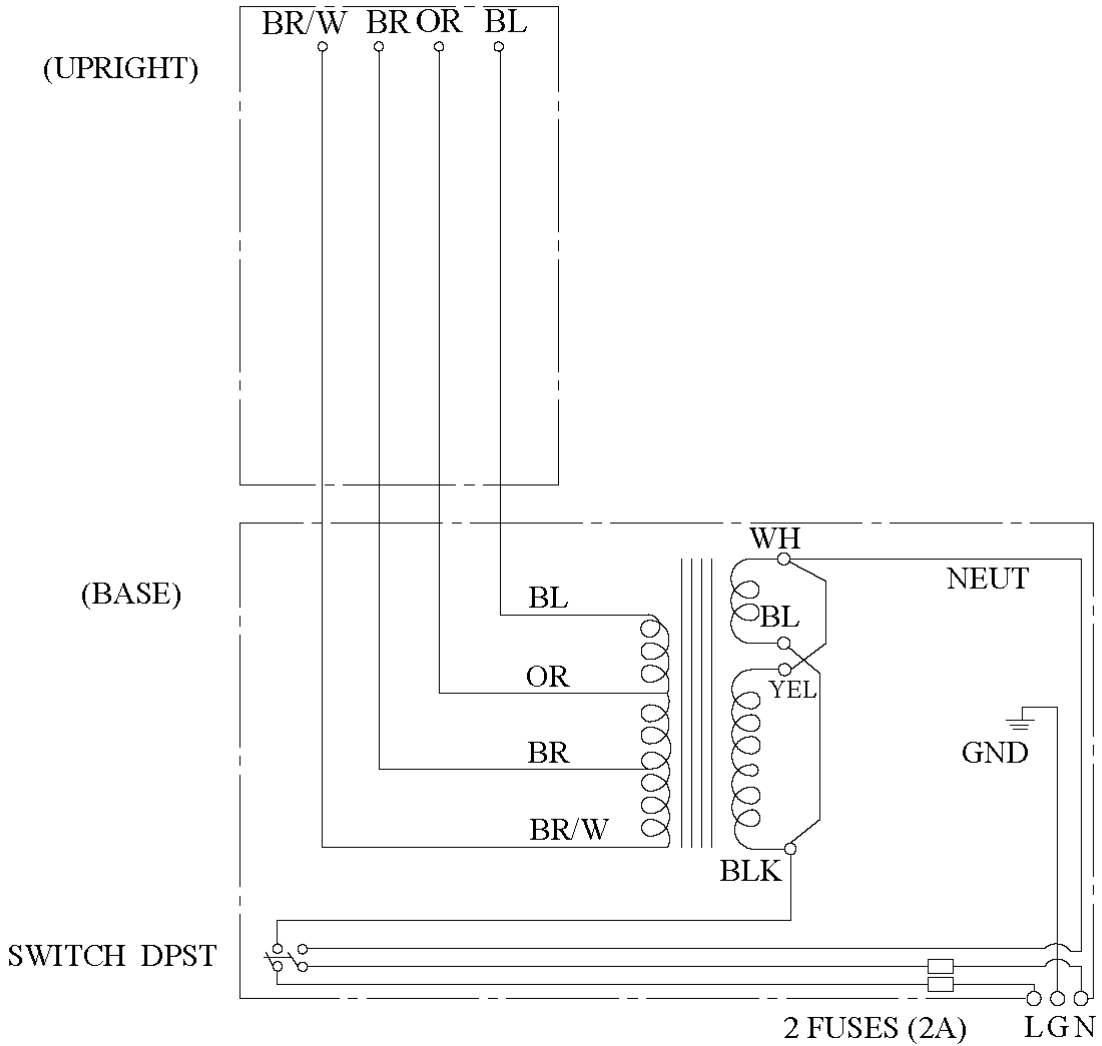
## Diagram J – Inserting Hole Plug in Pivot



## Diagram K – Assembling Friction Knob and Cover



# Diagram L – Floor Stand Wiring Diagram



## **B.0 Maintenance**

### **B.1 Fuse Replacement**

Disconnect power to the lamp circuit at the main breaker before replacing fuses. Use a flat screwdriver to open the fuseholder. The fuseholder is located in the floor stand base.

### **B.2 Cleaning** (weekly, or as needed – **unplug the fixture first**)

B.2.1 External surfaces of the Outpatient<sup>®</sup> II and CoolSpot<sup>™</sup> II fixtures are polycarbonate, vinyl, or powder-painted aluminum or steel. Suggested cleaning technique is to use a soft cloth and mild detergent in water. Do not let any water solution run into the arm or lighthead. After cleansing, dry all surfaces promptly with a soft cloth or towel.

B.2.2 For especially stubborn external stains, rubbing or denatured alcohol can be used. Under no circumstances should organic solvents such as paint thinners, MEK, or acetone be used.

B.2.3 Every 100 hours of typical use, open the lighthead and blow out the loose dust. Use a damp cloth or swab to clean out remaining dirt, especially in the grill areas. Clean the lenses and exterior of the light with a mild detergent or alcohol solution.

#### B.2.4 Handle Sterilization:

Outpatient<sup>®</sup> II: The central, single-post handle may be removed for cleaning and sterilization (ETO or steam). Push in the locking rod to release handle. To reinstall the sterilized handle, locate the machined flat surface facing the locking rod and push it in until it bottoms out. Twist the handle until it snaps (~ ¼ turn).

CoolSpot<sup>™</sup> II: The single-post handle on the lighthead can be sterilized with steam or ETO and re-attached without touching the lighthead. Simply unscrew the handle to remove it.

Disposable handle covers are an available option for both models: order using Burton part number 0008100PK (25 pack).

#### Sterilization Protocol:

1. Place the handle in the autoclave.
2. Set the autoclave cycle for 270°F (132°C) pre-vacuum cycle.
3. Set the cycle time for 3 minutes, turn the sterilizer on, and wait for the process to be completed.
4. Remove the handle and place it in use, or transport and store it in a sterile environment pending use.

### **B.3 Floorstand Preventive Maintenance**

<b>Check</b>	<b>Corrective Action</b>
<p><b>Weekly</b></p> <p>Check overall operation of the fixture:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Do the switch and bulb operate properly?</li> <li><input type="checkbox"/> Does the lighthead stay in position (not drift) when the arm is moved up and down?</li> <li><input type="checkbox"/> Does the lamp roll smoothly (casters operating properly)?</li> <li><input type="checkbox"/> Do all components appear secure (lighthead, arm attachment points, upright connection to the base)?</li> <li><input type="checkbox"/> Is the lighthead fixed in place on the upright (does not move from side to side)?</li> </ul>	<p>If the answer to any of these questions is NO, do not use the product. Consult with your maintenance personnel before operating the light.</p>
<p><b>Monthly</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Check the upright for “wobble”. (If loose, the light is offset and could tip over.)</li> <li><input type="checkbox"/> Check integrity of the casters. (If loose or bent, the light could tip over.)</li> </ul>	<p>Tighten the retaining setscrew at the rear of the base casting.</p> <p>Tighten if loose or wobbly. Replace casters if they are worn, bent, or can’t be secured properly.</p>
<p><b>Annually</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Check to see that the brass retainer plug is seated in mating groove of shaft. (If loose, the arm could lift out of support.)</li> <li><input type="checkbox"/> Check the casters. (If loose or bent, the light could tip over when moved.)</li> <li><input type="checkbox"/> Check electrical connectors for evidence of overheating (charring, discoloration) and chafed insulation.</li> </ul>	<p>Remove retaining threaded screw, compression spring and brass retainer plug (use nose pliers). If plug is worn on upper corner of the shaft, replace it with a new one.</p> <p>Remove the black end caps and tighten the casters’ threaded studs with wrench, or remove and replace casters. Replace as necessary.</p>