

MONTEGO BAY

WOLFF TANNING EQUIPMENT

Indoor Tanning Equipment

Care and Use

Instructions

MONTEGO BAY 2400 *non-stagger*

Wolff

Bellarium - S

BED SPECIFICATIONS

MODEL	MB-2400
LENGTH	85"
WIDTH	35"
HEIGHT	31" CLOSED 50" OPEN
NO. OF LAMBS	24
VOLTAGE	240 VAC
AMPS	18
SHIPPING WT.	560 LBS.

DANGER - ULTRAVIOLET RADIATION. FOLLOW INSTRUCTIONS. AVOID OVEREXPOSURE. AS WITH NATURAL SUNLIGHT, OVEREXPOSURE CAN CAUSE EYE AND SKIN INJURY AND ALLERGIC REACTIONS. REPEATED EXPOSURE MAY CAUSE PREMATURE AGING OF THE SKIN AND SKIN CANCER. WEAR PROTECTIVE EYEWEAR; FAILURE TO DO SO MAY RESULT IN SEVERE BURNS OR LONG-TERM INJURY TO EYES.

MEDICATIONS OR COSMETICS MAY INCREASE YOUR SENSITIVITY TO ULTRAVIOLET RADIATION. CONSULT A PHYSICIAN BEFORE USING SUNLAMP IF YOU ARE USING MEDICATIONS, HAVE A HISTORY OF SKIN PROBLEMS OR BELIEVE YOURSELF ESPECIALLY SENSITIVE TO SUNLIGHT. IF YOU DO NOT TAN IN THE SUN, YOU ARE UNLIKELY TO TAN FROM THE USE OF THIS PRODUCT.

THIS UNIT UTILIZES UVA LAMPS. REPLACE WITH BELLARIUM S SA1-10-100W LAMPS.

TO OBTAIN RECOMMENDED EXPOSURE AT A MINIMUM DISTANCE OF 1/2" (13 MM) MEASURED WITH A STANDARD RULED. LIE HORIZONTAL ON ACRYLIC SURFACE OF LOUNGE AND LOWER CANOPY. CANOPY WILL STOP AT 12 INCHES (305 MM) FROM BOTTOM ACRYLIC SURFACE. THE USE OF ANY OTHER POSITION MAY RESULT IN OVEREXPOSURE.

RECOMMENDED EXPOSURE SCHEDULE

SKIN TYPE	WEEK 1 1ST-3RD SESSIONS	WEEK 2 4TH-6TH SESSIONS	WEEK 3 7TH-10TH SESSIONS	WEEK 4 11TH-15TH SESSIONS	WEEKLY SUBSEQUENT SESSIONS
II-FAIR	3 MIN.	6 MIN.	12 MIN.	15 MIN.	20 MIN.
III-AVERAGE	4 MIN.	8 MIN.	12 MIN.	15 MIN.	20 MIN.
IV-BROWN	5 MIN.	10 MIN.	15 MIN.	20 MIN.	20 MIN.
V-DARK BROWN	6 MIN.	12 MIN.	15 MIN.	20 MIN.	20 MIN.

TANNING CAN BEGIN ON A REGULAR BASIS (ALLOWING 48 HOURS BETWEEN SESSIONS). A APPEARANCE OF TANNING NORMALLY APPEARS AFTER A FEW EXPOSURES AND MAXIMIZES AFTER FOUR (4) WEEKS OF EXPOSURE FOLLOWING THE RECOMMENDED SCHEDULE FOR YOUR SKIN TYPE.

USE PROTECTIVE EYEWEAR WHENEVER THE EQUIPMENT IS ENERGIZED. READ THE INSTRUCTION BOOKLET BEFORE USING THIS UNIT.

INSTRUCTIONS ACCOMPANYING THIS PRODUCT SHOULD ALWAYS BE FOLLOWED TO AVOID OR MINIMIZE POTENTIAL INJURY.

"THIS PRODUCT IS IN CONFORMITY WITH PERFORMANCE STANDARDS FOR SUNLAMP PRODUCTS UNDER CFR PART 1040."

WARNING

If you have been diagnosed by a physician as being allergic to the sun or are currently taking photosensitive medications, consult your physician before using the tanning unit.

Certain Drugs - particularly those designed to produce photosensitivity - may cause individuals under their influence to experience adverse effects, and those people should avoid exposure to UV sources of all kinds. Doctors will advise persons taking these drugs of possible adverse effects.

It is recommended that only one person at a time should use the tanning system. Use protective eyewear while taking a tanning session. Protective eyewear is provided with each sunbed sold.

Occasionally, persons using the tanning system will experience a slight reddening of the skin - usually in small patches - after the second or third session. This redness is often accompanied by an itching sensation. This is nothing more than a heat "rash" caused by heat from the lamps within the system. It is generally very limited and caused by constant contact of the skin with the acrylic surface. It will go away within approximately 24 hours and should not reappear. This rash can be lessened or prevented by turning over occasionally during sessions on tanning unit, and by applying moisturizing lotion to the affected area after the tanning session is completed.

CAUTION

While there is no immediate clinical evidence regarding UVA exposure and its effects upon expectant mothers, it is strongly advised that expectant mothers be discouraged from using the tanning unit.

EXPOSURE TIMES AND FREQUENCIES

MELANIN - The brownish pigment produced by special cells in the base layer of the skin determines the individual's ability to tan. As the skin is exposed to ultraviolet, the melanin is activated and combines with protein cells that rise to the skin's surface, thus producing a tan. The amount of melanin in your body determines how quickly and darkly you tan.

NOTE

The tan produced by the tanning unit is a deep, rich "cosmetic" tan. However, regardless of how dark an individual may tan on this system, it will not provide adequate protection against overexposure to natural sunlight or UVB tanning systems.

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|-----------------|---|
| SKIN TYPE II - | This is the individual that usually burns easily and severely, tans minimally or lightly and peels. |
| SKIN TYPE III - | Often referred to as "AVERAGE" Complexion, burns moderately and tans about average. |
| SKIN TYPE IV - | This individual burns minimally, tans easily and above average with each exposure. |
| SKIN TYPE V - | This individual rarely burns, tans easily. |

RECOMMENDED EXPOSURE SCHEDULE					
SKIN TYPE	WEEK 1 1st-3rd SESSIONS	WEEK 2 4th-6th SESSIONS	WEEK 3 7th-10th SESSIONS	WEEK 4 11th-15th SESSIONS	WEEKLY SUBSEQUENT SESSIONS
II - Fair	3 Min.	6 Min.	12 Min.	15 Min.	20 Min.
III - Average	4 Min.	8 Min.	12 Min.	15 Min.	20 Min.
IV - Brown	5 Min.	10 Min.	15 Min.	20 Min.	20 Min.
V - Dark Brown	6 Min.	12 Min.	15 Min.	20 Min.	20 Min.

No two individual skin tones are the same. A tan to one person may be different to another and session length may vary.

NOTE

Since the back and stomach areas of the body will receive the majority of the tanning rays, it is recommended that individuals spend at least five (5) minutes lying on each side of the body during sessions to achieve a full-bodied tan.

Since your tanning unit will cast off some heat, it is recommended that a small fan be used to improve air circulation during sessions. Likewise, adequate ventilation of the room or booth housing the tanning unit is required for comfortable operation.

It is recommended that you only use creams, oils or lotions, designed for use with indoor tanning equipment. Commercially available creams, lotions and oils contain sunscreens which form a physical barrier on the skin that prevents the UVA from penetrating and inducing a tan. Equally important - many facial makeups have oil bases and thus should be removed prior to a session. It is recommended that, following a tanning session, a skin moisturizer be applied. This promotes a smoother, more even looking tan.

OPERATING YOUR TANNING UNIT

This unit is equipped with a remote manual timer. The timer is used to preselect the actual tanning time and switch the sunbed on. The timer will automatically switch the sunbed off when preselected time expires.

To operate timer, rotate time knob clockwise to the desired tanning time. Timer can only be set up to a maximum of twenty (20) minutes. Refer to exposure times and frequencies for correct time setting.

After timer is set, unit is ready for immediate operation. Lie on acrylic surface of lounge and lower canopy. The canopy will stop with it's acrylic surface 12 inches (305 MM) from the lounge's acrylic surface.

There is no additional time required for lamp start-up.

CARE AND CLEANING OF YOUR TANNING UNIT

CAUTION: The tanning unit should be disconnected from the power supply before cleaning or disinfecting the inside of the acrylic. Avoid water or solution entering the lamp compartment.

After each session is completed, spray the acrylic surface with a specially formulated UTV (Ultraviolet transmitting) acrylic cleaner. Wipe the surface of the acrylic with a clean cloth. The acrylic should never be wiped with a dry cloth because this will generate a slight static charge which will attract dust.

For maximum efficiency of your tanning unit, periodic cleaning of lamps, reflectors, acrylic, fans and the inside of the unit is required.

CAUTION: Failure to clean beds, fans and the inside of your tanning unit could void the warranty.

CAUTION: Do not use excessive amounts of water, any abrasive cleaners, or any spray cleaner that is not specially designed for use with acrylic surfaces. **DO NOT USE ALCOHOL.**

NOTE: Periodic polishing of exterior painted surface may be necessary to maintain finish. An automotive car polish, not wax, should be used. Do not clean with any abrasive cleaners or substances that may damage the paint.

To obtain repairs and recommended replacement components which are compatible with the product, including UVT acrylic cleaner, protective eyewear, lamps, acrylic, timers and reflectors which will, if installed and used as instructed, result in continued compliance with CFR 21 1040.20., Please contact your distributor or:

**MONTEGO BAY
DECATUR, AL 35602
1-800-FAST TAN**

RELAMPING INSTRUCTIONS

1. Disconnect unit from power.
2. Remove acrylic from unit by loosening screws in front rail, removing screws in back rail, sliding acrylic to back and lifting out.
3. Push lamp toward foot end of bed to disengage lamp from stationary lampholder at head end. Remove lamp.
4. Replace by inserting end of lamp in spring loaded lampholder at the foot end of the bed and pushing until the lamp will insert and properly seat in stationary lampholder at the head end of the bed.
5. Clean and replace acrylic sheet. (Refer: Care & Cleaning).
6. Reconnect unit to power.
7. See care and cleaning section for information on reordering lamps.

CAUTION

Replacement lamps must comply with CRF 21 1040.20.

- A. Replace only with "Bellarium S SA1-10-100W".
- B. When ordering lamps, include model number and serial number of bed.

GENERAL TROUBLE SHOOTING GUIDE

The following troubleshooting information is divided into two sections. Section A contains items which the owner may check without the aid of a service person. Section B contains items which must be performed by **qualified service personnel** only. If you have any questions other than the ones listed in your troubleshooting guide, contact your dealer or distributor.

(NOTE: All beds are not the same, therefore some of the causes may not apply to your unit).

General Troubleshooting (Section A)

1. Sunbed does not operate.

CAUSE

1. No power to bed.
2. Timer not connected to lounge.
3. Timer not turned on.
4. Canopy not connected to lounge.
5. Emergency stop switch turned off.

SOLUTION

- Check circuit breaker servicing bed.
Connect cord from timer to lounge
Electrical plate receptacle marked "Timer".
Rotate time knob clockwise to activate unit.
Connect jumper cord from canopy to lounge.
Push switch to "ON" Position.

2. Lamps won't light.

CAUSE

1. Lamp(s) not seated properly in lampholder(s)
2. Faulty lamp(s).

SOLUTION

- Remove lamp(s), inspect contacts on lamp(s), and reinstall securely into lamp-holder(s).
Replace lamp(s).

3. Canopy does not hold its position when set.

CAUSE

1. Loose Brakes
2. Faulty cylinders

SOLUTION

- Tighten brakes with allen wrench.
Replace cylinders.

4. Sunbed running hot.

CAUSE

1. Tanning room too small or improperly ventilated.
2. Vent fans dirty

SOLUTION

- Provide sufficient space and ventilation for system.
Clean fan guards to insure air flow is not blocked.

5. Bed is not tanning.

CAUSE

1. Acrylic is dirty.
2. Lamps and Reflectors are dirty.
3. Lamps are nearing the end of their effective life.

SOLUTION

- Clean both sides of acrylic with U.V.T. (Ultraviolet Transmitting) Acrylic Cleaner.
Remove lamps, wipe with damp cloth and dry. Wipe reflectors using a soft cloth and U.V.T. Cleaner.
Replace lamps with new lamps.

General Troubleshooting (Section B)

All services in the following section are to be completed by a **qualified service technician**. This section is to aid in isolating and correcting any problems which may occur and is not intended for use by the owner. Refer to the assembly instructions included with each bed for reference in disassembling and wiring the tanning unit. Disconnect all power to the bed before servicing. Use only factory authorized components for replacement parts.

1. Sunbed Does Not Operate.

CAUSE

1. Incorrect connection of incoming power.
2. Faulty Timer.
3. Faulty contractor in bed.
4. Poor wiring connections.
5. Faulty emergency switch.

SOLUTION

Check electrical connections against wiring diagram and correct as necessary.
Replace.
Replace.
Check wiring circuit against appropriate wiring diagram and correct as required.
Replace.

2. Canopy Does Not Operate

CAUSE

1. Power between lounge and canopy not wired correctly.

SOLUTION

Check cord connections against diagram and correct as required.

3. Lamps Won't Light.

CAUSE

1. Poor wire crimp at lampholder
2. Faulty or damaged lampholder.
3. Incoming power to unit is incorrect.
4. Faulty Ballasts.
5. Loose power wire to ballasts.

SOLUTION

Check for loose wire and repair.
Replace
Check incoming voltage and correct requirements.
Locate and Replace.
Locate loose wire and repair.

4. Sunbed Running Hot.

CAUSE

1. Incorrect Incoming Voltage
2. Loose wiring connections to vent fans.
3. Faulty vent fans.

SOLUTION

Check incoming voltage and correct if required.
Check wiring to fans and correct as required.
Replace.

5. Bed Is Not Tanning.

CAUSE

1. Incorrect incoming voltage.

SOLUTION

Check incoming voltage and correct if required.

5. Bed Will Not Shut Off.

CAUSE

1. Faulty Contractor
2. Faulty Timer

SOLUTION

Replace
Replace

ASSEMBLY INSTRUCTIONS

- 1) Open cartons, remove packing, and remove and inspect unit and all associated parts and hardware.
- 2) LEG INSTALLATION (Figure #1):
 - A. Turn lounge half of unit upside down and position legs over mounting holes in bottom panels.
 - B. Attach legs using (4) 5/16 - 18x1" Bolts, flat washers and lockwashers each. Tighten all bolts thoroughly.
 - C. Turn lounge right side up and rest on legs.
- 3) HINGE INSTALLATION (Figure #2)
 - A. Attach hinge bracket assemblies (with brake shoes installed) to ends of lounge using (2) 3/8 - 16 x 2 - 1/4" bolts, special washers and spacer washers each (be sure that side of hinge bracket with large (1-7/8" dia.) hole at top is on inside - toward bed.) DO NOT tighten thoroughly or install bolt caps at this time. Attach clevises at bottom ends of pneumatic cylinders to tabs on hinge brackets using clevis clips. Remove wire locking clips from ball sockets at top of pneumatic cylinders.
 - B. Lift canopy half of unit (with brake bosses attached) and slide bosses into shoes in hinge bracket assemblies (top ends of hinge bracket assemblies must be forced outward in order to accomplish this). Run (1) 3/8 - 16 x 2-1/4" bolt and special washer in each end to hold position. With an assistant holding front edge of canopy at full open position, snap ball sockets on pneumatic cylinders over ball studs on ends of canopy. Replace wire locking clips.
 - C. Tighten all bolts thoroughly and snap (3) plastic bolt caps into place over bolt heads on each end of unit.
 - D. Adjust brakes to provide desired ease of operation using a 5/32" (.156) allen wrench.
- 4) ELECTRICAL HOOK UP
 - A. Connect jumper from canopy to lounge by aligning male plug on jumper with female receptacle on rear of lounge and tightening locking nut.
 - B. Connect cord from remote timer to bed by aligning male plug on timer cord with female receptacle on rear of lounge and tightening locking nut.
 - C. The MB-2400 must be connected only to a 240 Volt, 30 amp single phase power supply and it must be hard wired from the wall to the bed using 10 gauge, 4 wire single phase cabling. A 30-amp circuit breaker is required. No power cords or plugs are supplied with this unit. This wiring should be performed by a qualified electrician. See figure #3 for wiring power supply to unit.

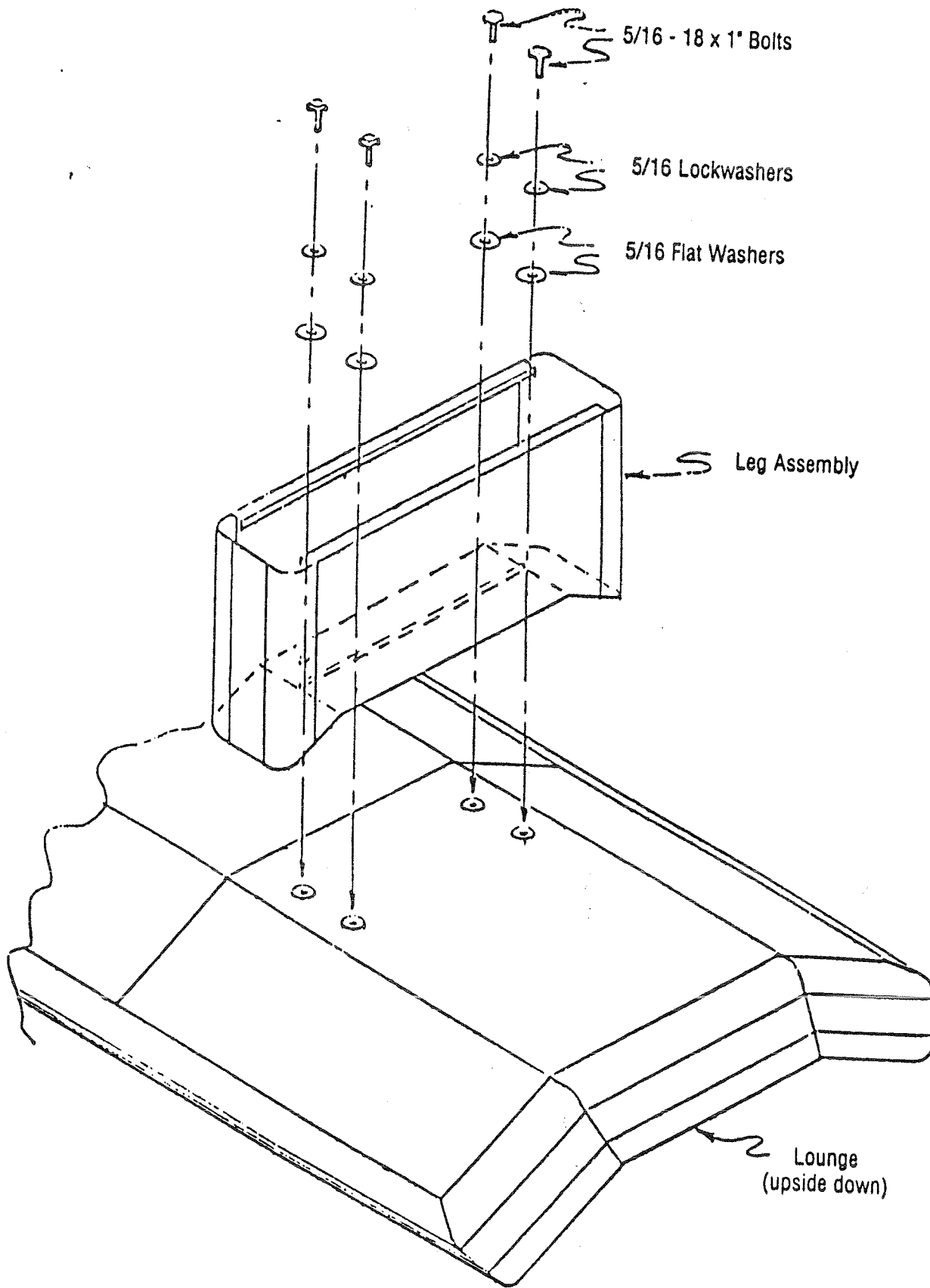


FIGURE # 1
Leg Installation

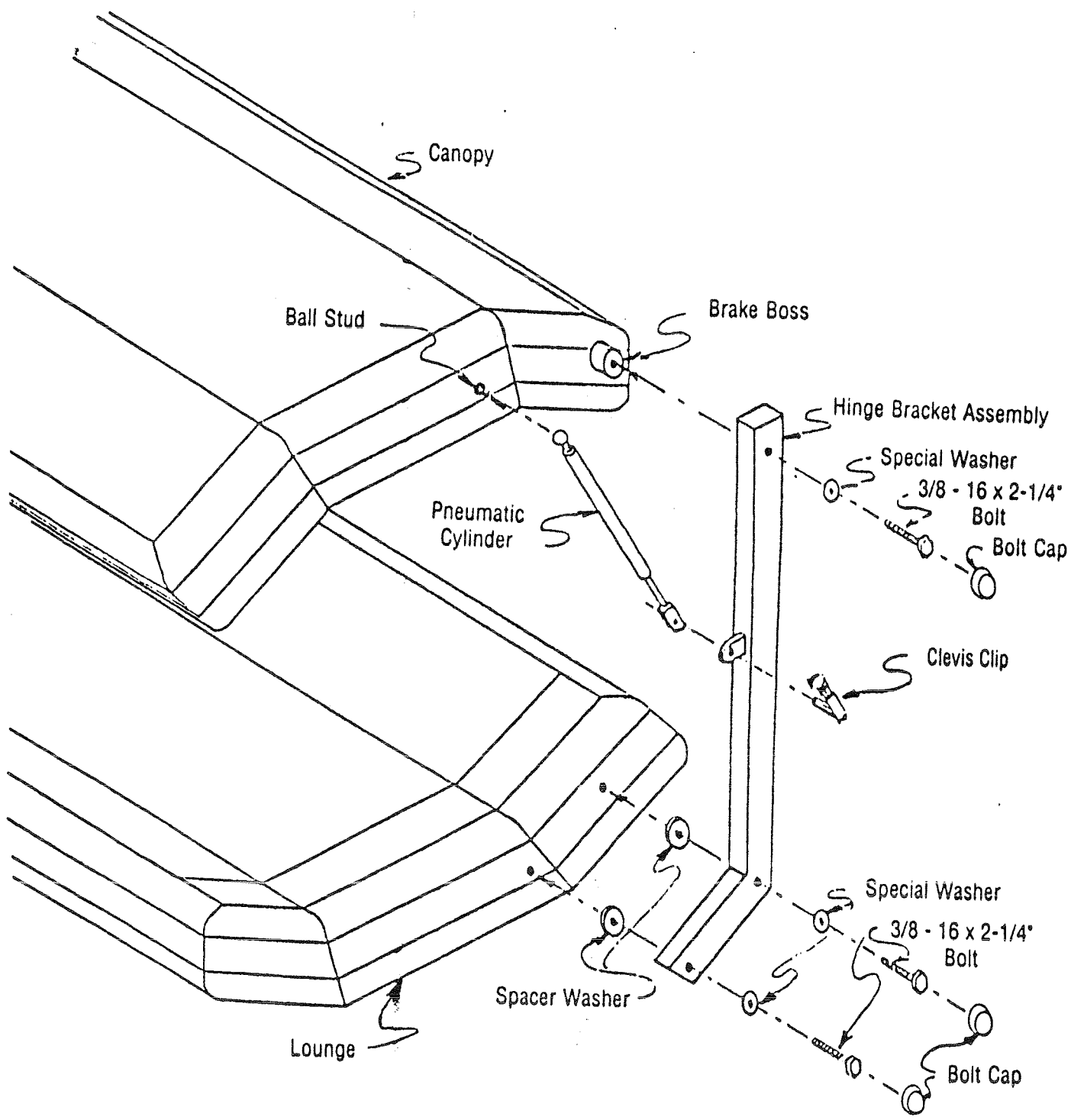


FIGURE #2
Hinge Installation

MONTEGO BAY 2400

240 VAC 60 Hz single phase 30 amp circuit required

