

HIT A STUDHIT A STUD

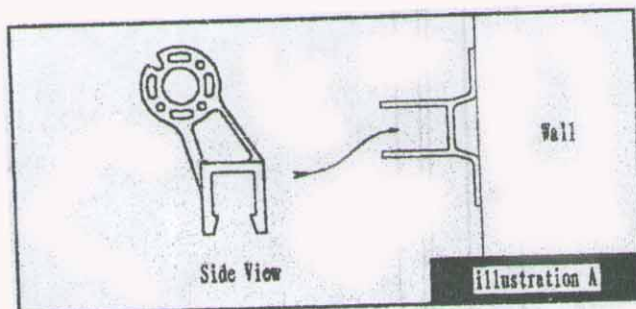
RETRACTABLE AWNING FOR RESIDENTIAL INSTALLATION INSTRUCTION

Installation Of Lateral Awnings

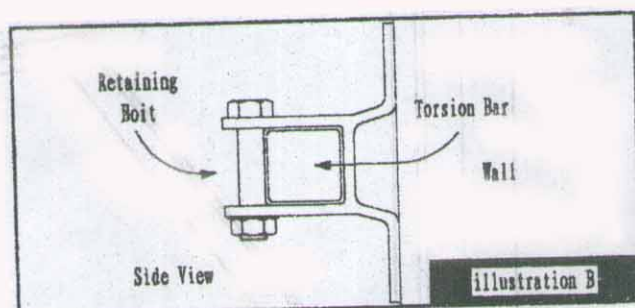
The mounting of the brackets to the building is extremely important because of the tension a lateral arm awning puts on the torsion bar. Two wall bases (used for 10' x 7', 10' x 8') or three wall bases (used for 12' x 8') are needed. The awning with two wall bases shall be installed near arm base (make sure to HIT-A-STUD). For the awning with three wall bases, one wall base shall be installed in the center and the other two wall bases shall be installed near arm base.

Mounting Awning To Wall

1. With help, lift awning to the brackets on wall, slip torsion bar into brackets, and line up the end of the awning with the end lines previously marked on wall. Push torsion bar to the very rear of the bracket, and install the retaining bolts into the brackets. (ill.A)



2. If square bar (torsion bar) can not be easily slipped into the bracket, lift slight on the front bar to allow awning to slip in completely. If it still does not work, loosen lag bolts on the bracket to adjust bracket to line up with torsion bar. Once bar is seated, install restraining bolts and tighten lags. Now tighten all bolts securely. (ill.B)

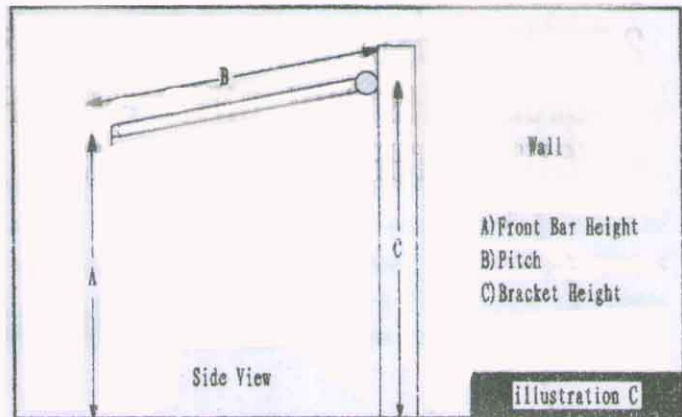


3. After removing restraint straps, you will now be ready to start setting the pitch if need. We have taken great care to properly align your awning in our factory. However some needs can be different thus, if needs first extend awning fully. Loosen the two nuts on the side of arm attachment. Turn the pitch adjustment bolt with is set on the rear of the arm attachment. Lower or raise left arm of awning to the front bar height as you wish. When the left arm is at the desired pitch, tighten the 2 nuts on the side of left arm attachment. With a #4 or larger level placed on the front bar. Loosen the nuts on the side of right arm attachments. And lower or raise the right arm with the pitch control bolt. Until awning is level. Tighten the side bolts when front bar is level.

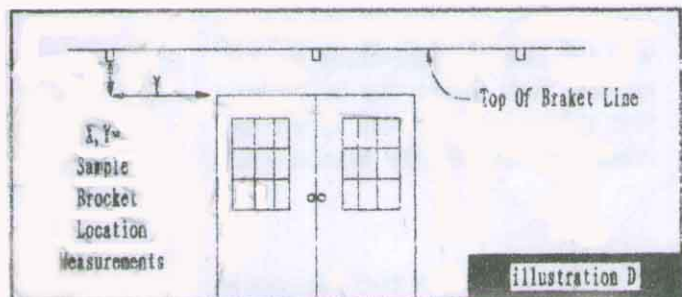
Mounting Of Wall Brackets

1. The required front bar height determines the brackets location height. The recommended pitch for the lateral arm awning is between 1-2" per foot of extension (ill.C)

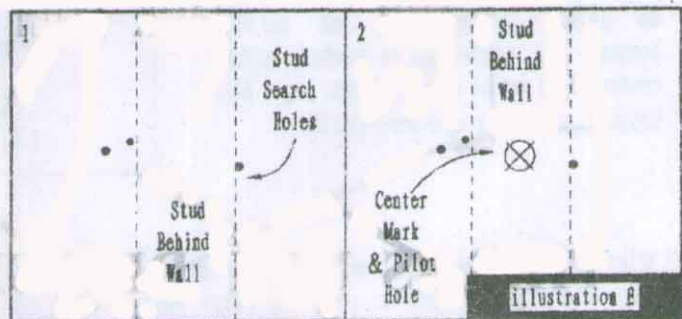
2. Multiply recommended pitch times the arm projection in feet to give you the total recommended drop or pitch of awning. Adding this sum to the required front bar height, you get the wall bracket height (the front bar height) is determined by the amount of head room needed at front bar. (Example 2" pitch \times 10' awning extension = 20" drop. 7' or 84" head room needed + 20" drop = 104" mounting height)



3. After height is determined, add 3" to account for bracket height. Using a level, draw a line, this will be the top - of - bracket line. (Important - the line must be level. This may mean the line might not be parallel with structural lines, such as siding, etc.) Then place a mark on wall at end points of awning and approximate location of arm supports.



4. Locate either the studs or joists to which you will mount brackets. Use the following step: Measure from either a window or door to approximate where bracket is to be placed. Go inside the building to measure the same location. (ill.D) By using a stud finder locate a stud. measure from window or door. Then go outside the building, mark the location of the stud. When location of stud is found, drill a series of



small holes to determine the edges and finally the center of the stud. (ill.E) Then place bracket over the center of the stud marking sure that the bracket top is on the level top-of-bracket line, mark center of bracket holes on wall. Drill pilot holes, again verifying that you have located the stud center. IMPORTANT - Provided bolts may not be appropriate length for all installations. Attach brackets securely with lag bolts at least two inches into stud centers.

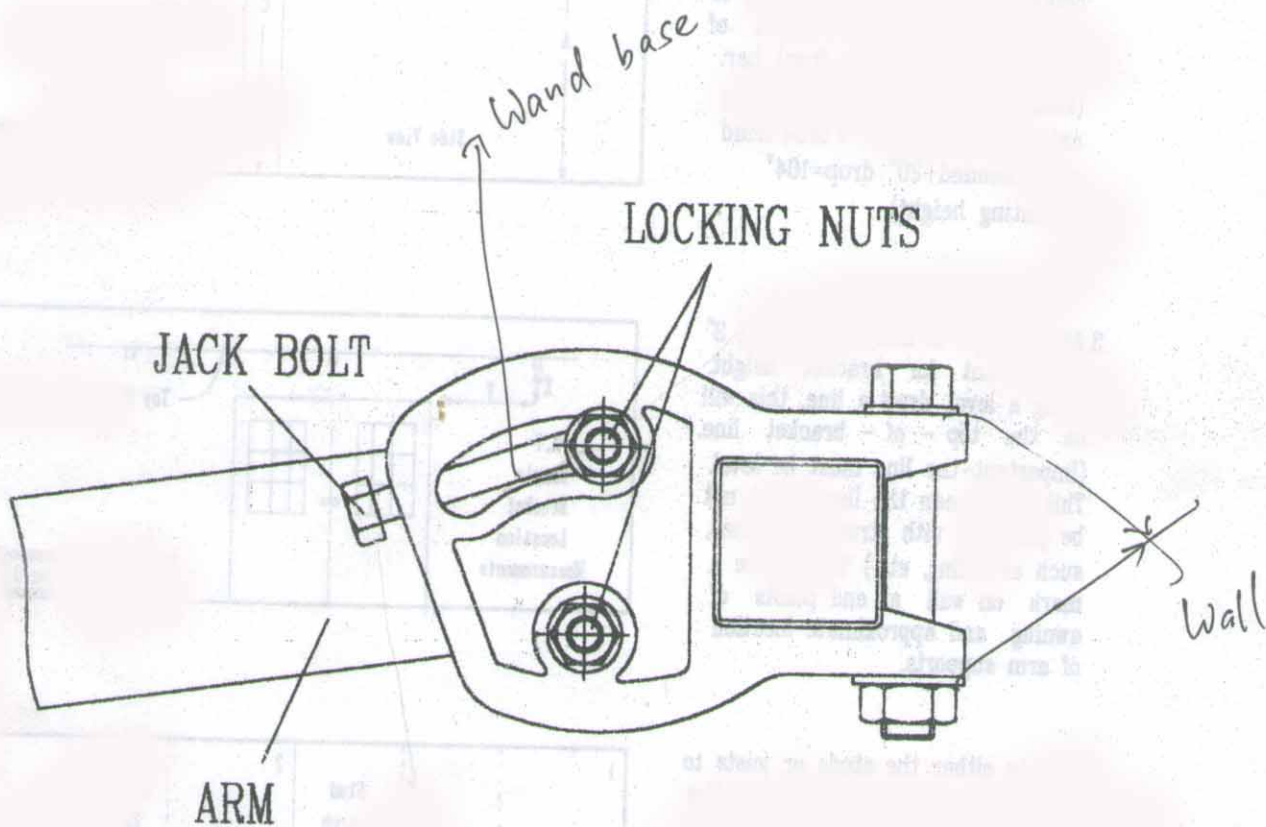
Instructions continued on reverse side

Foot

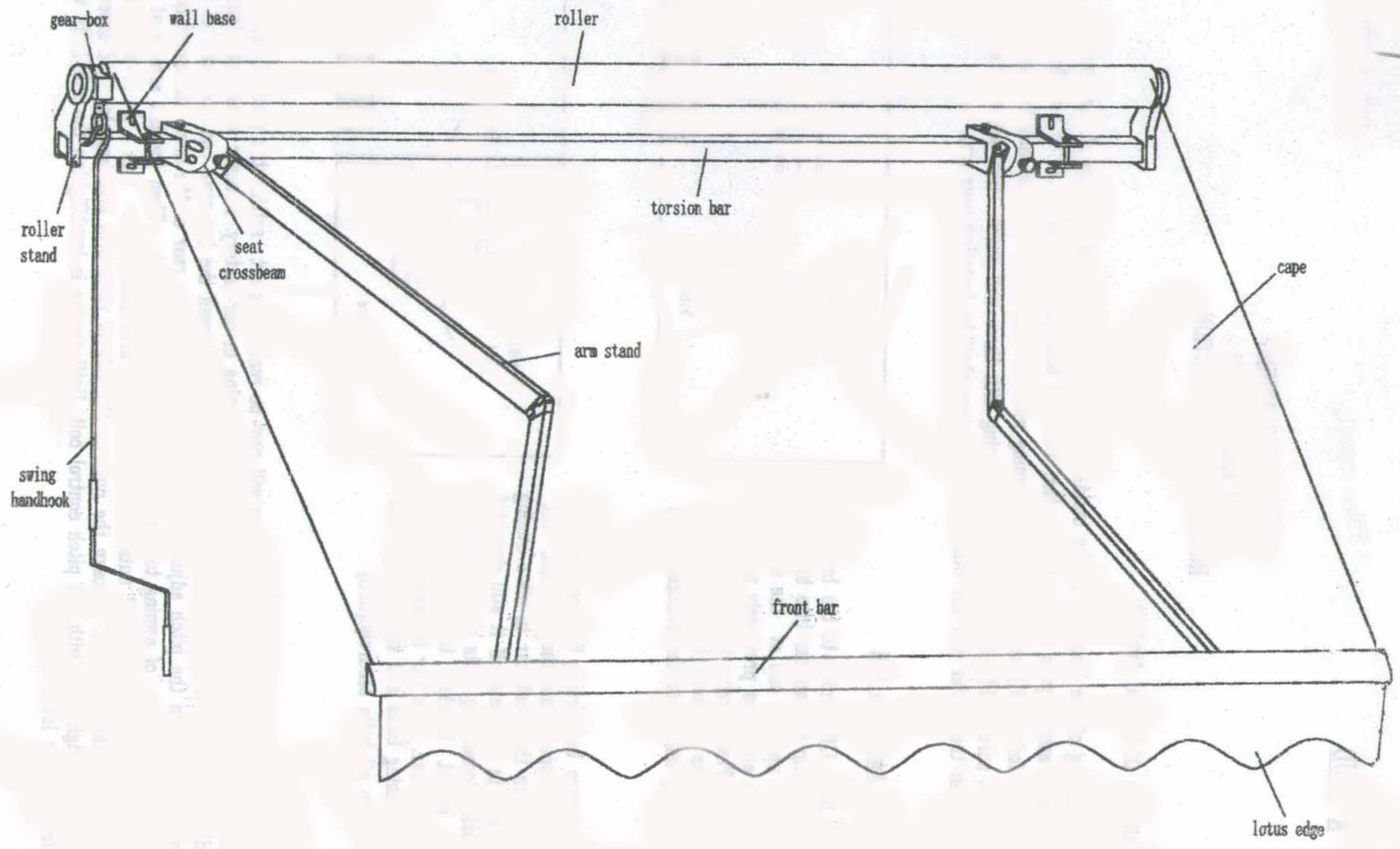
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INSTRUCTION FOR THE FRONT SIDE LEVELING

1. LOOSEN THE LOCKING NUTS.
2. TURN THE JACK BOLT TO ADJUST PITCH.
3. ADJUST THE ARM UNTIL THE FRONT SIDE IS LEVEL.
4. TIGHTEN THE LOCKING NUTS.



base.



Foot

(4)