

## APPENDIX B - Changing the Pitch of Your Awning

**Tools Needed:** 6mm Allen wrench (included with Awning), large adjustable wrench, step ladder(s), and a helper(s).

Follow these instructions to change the pitch or angle (see **Figure 26** on **Page 24**) of your Awning.

**Note:** A Visual Guide is available on the Installation DVD and on the Owner's Corner.

1. Close the Awning.
2. Have your helper slightly lift the Front Bar close to the Front Bar Connector, to remove pressure on the Arm Clamp.
3. Remove the plastic cover from the Arm Clamp. Remove by hand, no tools required. See **Figure 27 Insert A**.
4. Using an adjustable wrench, **tighten the large Lock Nut in the Arm Clamp** for safety. See **Figure 27 insert B** on **Page 24**.
5. Release the Front Bar and stand to the side of the Awning.
6. Open the Awning.
7. **Loosen the large Lock Nut in the Arm Clamp, not more than one quarter turn.** See **Figure 27 Insert B**.

**Note:** Adjust each Lateral Arm, one at a time, until both are at the desired height and the Front Bar is level.

**Note:** Depending on the Awning size and model, the weight of the Front Bar varies (Example: Wider Awnings will have heavier Front Bars). This will impact how high you can raise the Front Bar, using the adjustment capabilities of the Arm Clamps. See **Figure 27, Insert B** for the Pitch Channel Range. If you reach the maximum adjustment and are still not happy with the height of the Front Bar, you can shim the Wall Brackets upward to raise the Front Bar further. Make sure that all Wall Brackets are shimmed evenly.

### To raise the Front Bar, complete steps 8 - 11:

**WARNING:** RAISING THE FRONT BAR WILL REDUCE THE PITCH (ANGLE) OF THE FABRIC THUS INCREASING THE RISK OF RAINWATER POOLING ON THE FABRIC. TO PREVENT THE AWNING FROM COLLAPSING DUE TO RAINWATER LOAD, YOU MUST RETRACT THE AWNING WHEN UNATTENDED. FAILURE TO DO SO COULD RESULT IN PERSONAL INJURY.

8. Slightly lift the Front Bar (close to the Front Bar Connector) to remove pressure on the Arm Clamp, then loosen **Set Screw #1** until the Front Bar is above the desired height. See **Figure 27, Insert B** on **Page 24** to see the Channel in the Arm Clamp showing high and low range of pitch.
9. While holding the Front Bar above the desired height, tighten **Set Screw #2**.

**Note:** Setting the Front Bar above the desired height allows room for settling when you release the Front Bar.

10. Release the Front Bar and tighten **Set Screw #1**.
11. Check height. Adjust as necessary, then go to **Step 16**.

### To lower the Front Bar, complete steps 12 - 13:

12. Slightly lift the Front Bar (close to the Front Bar Connector) to remove pressure on the Arm Clamp, then loosen **Set Screw #2** until the Front Bar can be lowered to reach the desired height. See **Figure 27, Insert B** on **Page 24** to see the Channel in the Arm Clamp showing high and low range of pitch.
13. Release the Front Bar.
14. Tighten **Set Screw #1**.
15. Check height. Adjust as necessary, then go to **Step 16**.

16. The Front Bar should be level. If not, adjust the height of either Arm, according to the steps, above.

17. Slightly lift the Front Bar (close to the Front Bar Connector) to remove pressure on the Arm Clamp.

**18. Tighten the large Lock Nut in the Arm Clamps.** See **Figure 27 Insert B**.

19. Release the Front Bar and check for level. If tilted, adjust the height of either Arm, according to the steps above.

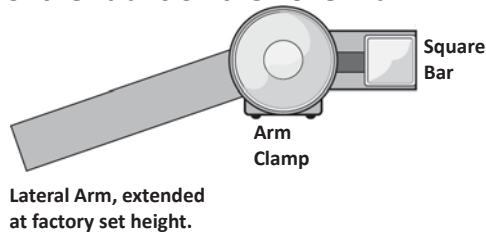
20. Push the Front Bar down. If it moves from the desired height, repeat the steps above.

21. Replace the Plastic Cover to the Arm Clamp. Align the plastic guides, press by hand. See **Figure 27 Insert A**.

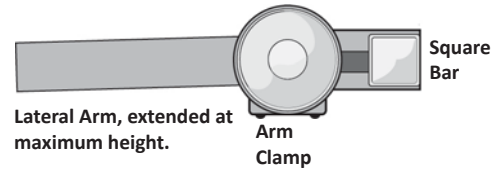
**22. Note:** Depending on adjustments, the Open/Close position stops may need to be adjusted to correct any sagging that may occur to the Fabric. Follow the procedures in **Appendix A** to change these settings.

# APPENDIX B (Continued) - Changing the Pitch of Your Awning

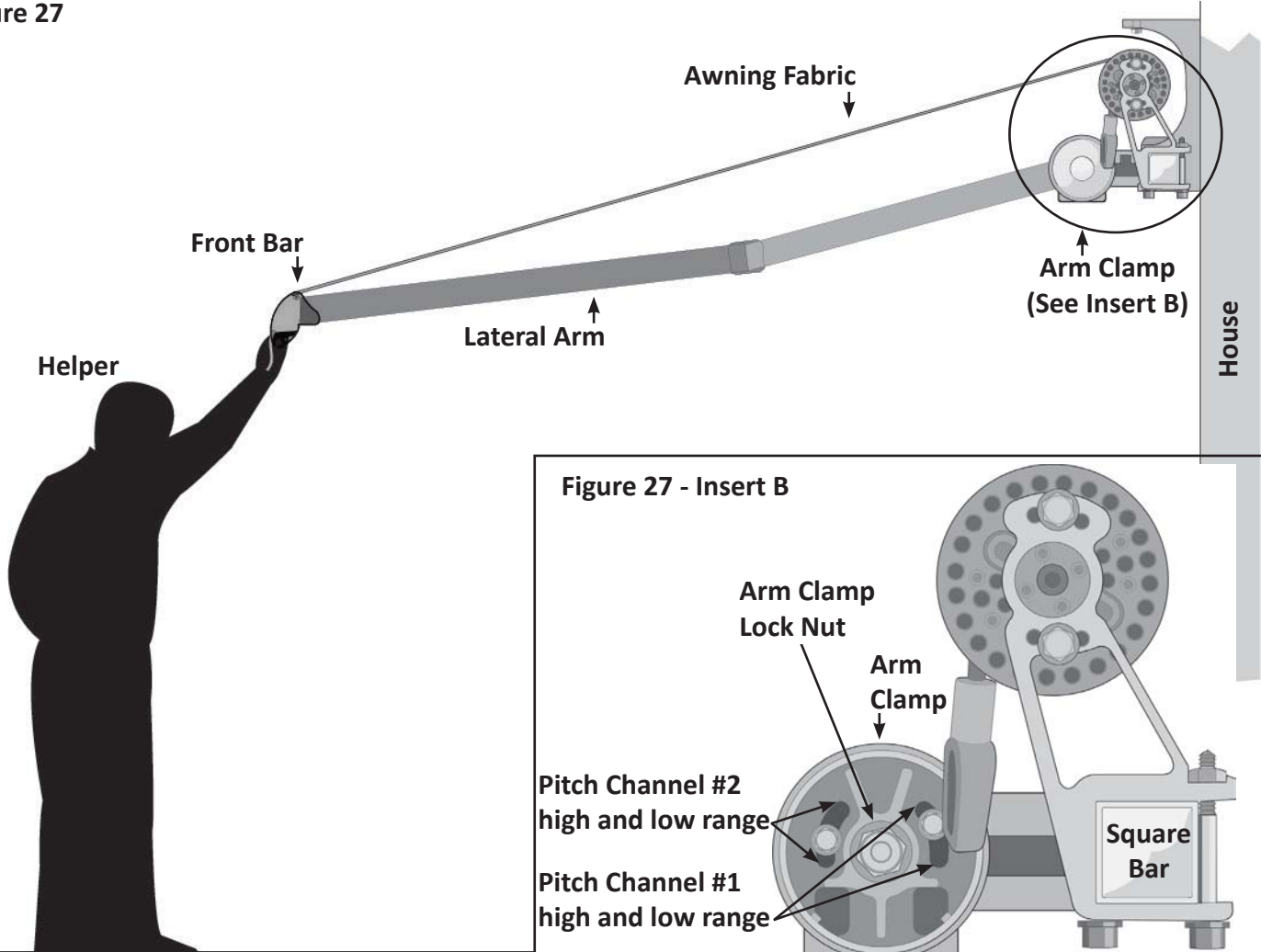
**Figure 26** Pitch is set at the factory so the bottom of the Front Bar is 29" lower than the top of the Fabric on the Roller Bar.



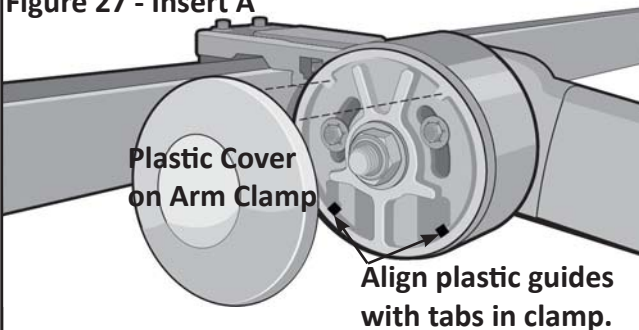
Pitch raised to maximum height.



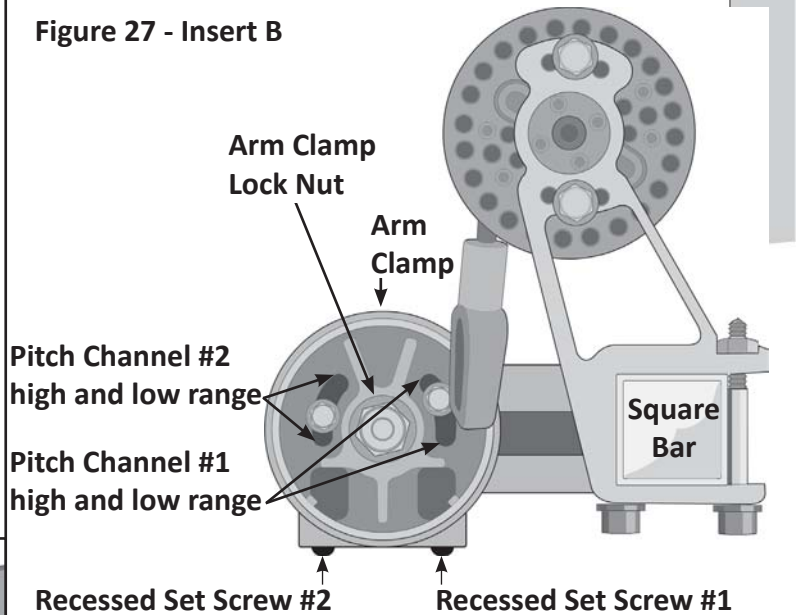
**Figure 27**



**Figure 27 - Insert A**



**Figure 27 - Insert B**



**Note:** The high and low range of pitch can be viewed in Pitch Channel #1 and #2, as shown above.

**CAUTION:** Do not attempt to raise the pitch beyond the physical limits observed in Pitch Channel #1 and #2, as shown above. Doing so could damage the Arm Clamp.