

AWNINGS

Purpose

This chart will help validate the awning pitch arm as damaged and needing replacement.

Condition	Solution
Pitch arm is not holding position.	Tighten the bolt and nut between the pitch arm ¼ turn at a time and test. This is a maintenance procedure that periodically needs to be performed as needed.
	If the metal tube is starting to bend or crush, stop and replace the arm.
Pitch arm is hard to pull down.	There is no concern. This will help with the pitch arm hold in the desired position.
Broken pitch arm/broken strut.	Has the strut been replaced lately? If so, make sure it was not installed upside down. If the strut was not installed upside down, see solution below.
	Was the arm pushed upward past a straight line? If the arm was not pushed upward past a straight line, see solution above.
The strut is causing the pitch arm to not hold.	This is not a concern with the strut. Refer to first condition, "Pitch arm is not holding position."

Recommendations for adjusting the pitch arm

1. Extend the awning to the fully-open position.
2. Pull downward on the joint of the pitch arm until desired pitch is set (Fig. 1A). Belleville washers and bolt (Fig. 1B) allow for the joint to remain in the position set by the operator.
3. If the pitch arm does not hold position, it can be tightened by adjusting the bolt (Fig. 1B) in the center of the joint.

NOTE: The awning can be retracted without resetting the pitch arm to the original position.

Some awnings are equipped with a pitch arm (Fig. 1), and others with a 2-position pitch arm (Fig. 2). The 2-position pitch arm can be set in the pitch position or snapped into a fixed, straight position by pushing the release button (Fig. 2A) and sliding the sleeve (Fig. 2B).

NOTE: Do not push the joint of any pitch arm up past the point where the two sections are in a straight line. This will put tension on the gas strut, which can cause the strut to break.

Fig. 1

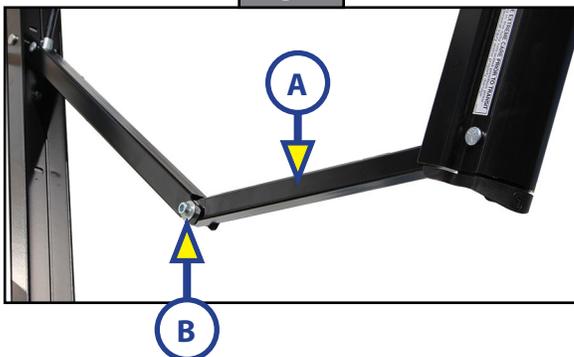


Fig. 2

