

AWNINGS

White Kit #	Black Kit #	Description
333410	333411	Conversion from Manual Pull Strap to Manual Gearbox Awning Kit

NOTE: Parts below are available in kits referenced above or individually as needed.

White Part #	Black Part #	Description	Quantity
300029	300031	Drive Head Assembly	1
266147	273479	Idler Head Assembly	1
2661301	2661302	End Cap	2
300030		Manual Crank Handle	1
299630		#8 - 32 x 1/2" Wax Screws	2

Prior To Conversion

Tools Required

- Cordless or electric drill or screw gun
- #2 square screwdriver bit
- #3 Phillips bit
- Zip ties

- (2) Cotter pins (.09" x 2 5/16" OAL Zinc Plated Hairpin or equivalent)

Resources Required

- Two People

Procedure

1. Extend awning out approximately 1' and insert cotter pins through both end caps into the shafts on the head assemblies (Fig. 1).

NOTE: If the awning is 6' in length it will only need one cotter pin on the drive side.

2. Zip tie both support arms around the outer arm and top pin of the mounted arm (Fig. 2).

CAUTION

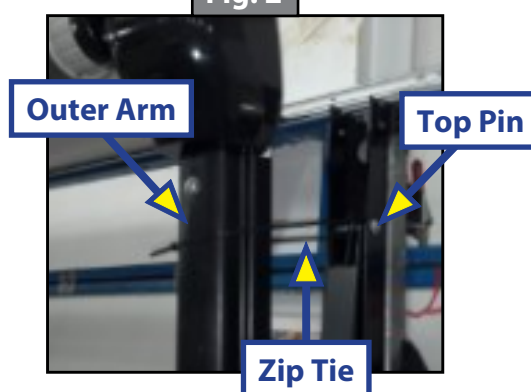
The awning arms will be under pressure from the gas strut and can kick out from the unit if not properly secured, causing personal injury or property damage.

3. While one person holds the roll tube, remove the bolt holding the drive head assembly into the support arm and remove the drive head assembly from the support arm.

Fig. 1



Fig. 2



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4. Remove the drive head cotter pin, being sure to hold onto the drive head assembly and the roll tube as there will be tension that needs to be released.

⚠ WARNING

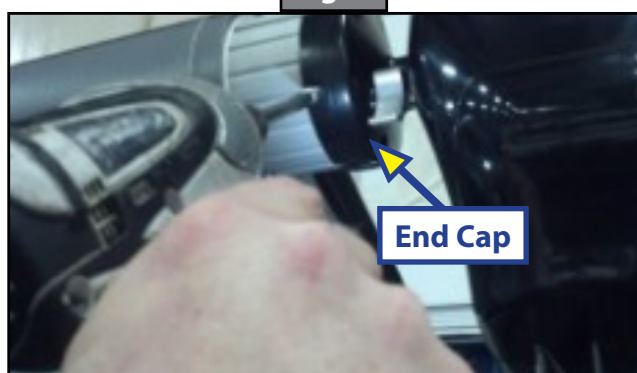
Failure to maintain control of the roll tube or the drive head assembly may result in serious injury or property damage.

5. Slowly rotate the drive head assembly to release tension (Fig. 3).
6. Remove the three (3) screws on end cap then pull off head (Fig. 4).

Fig. 3



Fig. 4



NOTE: Awnings longer than 6' will also have tension that needs to be released in the idler head assembly prior to continuing the procedure. To do so, remove the idler head cotter pin and slowly rotate the roll tube to release tension in the idler head's spring.

7. Install new end cap to the roll tube using the three square head screws that were removed in Step 6 above. Confirm cap is fully seated on the end of the roll tube. If the screws/screw holes have been stripped, consider using #10 screws to ensure a secure fit.

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8. Insert the shaft from the gearbox drive head into the end cap and secure with the provided #8 wax screw (Fig. 5).
9. Install the head mount into the support arm and secure with the bolt removed in Step 3 (Fig. 6).
10. Repeat steps 3 through 8 for the idler head side of the awning.
11. Cut zip ties from the top arm. See [TI-199](#) for operation instructions.

Fig. 5**Fig. 6**