

## IN-ROLL TUBE CABLE RETURN INSTRUCTIONS

Use these instructions to install an in roll tube cable return on 2 or 3" roll tube. Read and follow these instructions along with the standard instructions carefully before installing or using tarp system.

**NOTICE TO INSTALLER:** Even if familiar with product, read instructions prior to installation as improvements may be made without notice. Always handle components with care. If you have questions or problems, call customer service. When done, these instructions must be given to the consumer.

**NOTICE TO CONSUMER:** Before using this product, read special instructions. Save these instructions for future reference.

# PREPARATION

## COMPONENTS

- Return assembly with hardware
- Guide with hardware
- End plug with hardware
- Adhesive packet

## TOOLS NEEDED

- Drill with 5/16" bit
- 9/16" Socket and wrench
- #2 Phillips head driver
- Rubber mallet
- Marking pen
- Tape
- Protective eyewear

**NOTE:** Inspect path of cable. Remove or grind smooth any sharp edges and points.

**NOTE:** Components and hardware appearance may vary.

## STAINLESS STEEL HARDWARE

**▲ CAUTION:** To avoid galling of stainless steel hardware, use anti-galling spray, grease or lubricant on threads and avoid high speed when fastening. Do not use impact tools for stainless steel hardware.

A. Turn 3/8" x 1" non-stainless steel self-threading bolt in 5/16" hole to cut threads, then turn back out.

B. Turn 3/8" x 1" stainless steel bolt in for attachment. When possible, use stainless steel nuts and washers with these bolts.

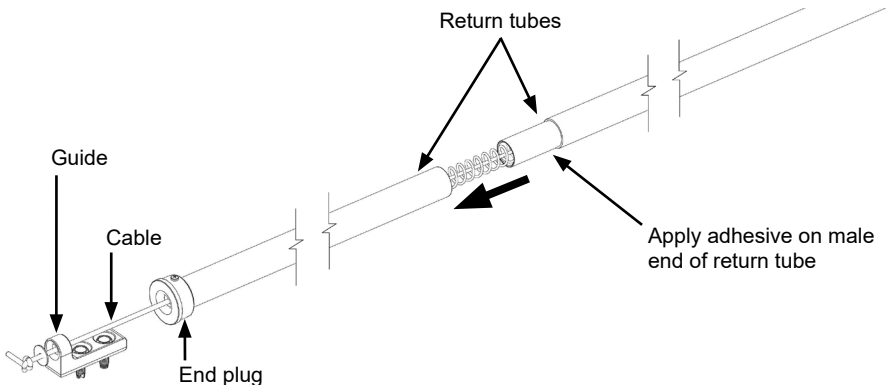
## 1: ASSEMBLING RETURN

**NOTE:** For best adhesion, ensure air and surface temperatures are above 60° F.

A. Unfold return assembly and apply adhesive (supplied in kit) around male end of PVC connection.

B. Slide PVC tubes together, tape joint and let adhesive set (dry time will vary depending on environment).

**NOTE:** Handle joint with care.



## 2: INSERT RETURN ASSEMBLY

**NOTE:** Remove any existing returns. Unroll tarp to hang down on latch plate side. Install return on non-drive side (opposite side of tarp motor or crank handle).

Perform one of the following to install return assembly, then proceed to Step 3:

### ALUMINUM ROLL TUBE

A. Carefully insert return assembly into roll tube. Align groove in end plug with channel groove inside roll tube and tap in place.

B. Use hole in end plug to insert #8 x 1/2" Phillips self-drilling screw at end of roll tube.

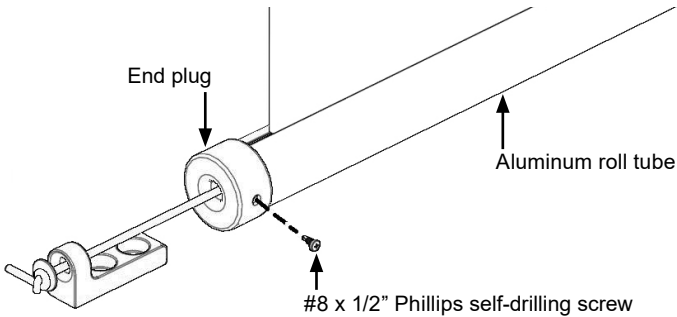
### STEEL ROLL TUBE

**NOTE:** Tarp clip's self-drilling screws need to be replaced with shorter 1/4" x 3/4" Phillips screws (supplied in kit).

A. Carefully insert return assembly into roll tube. Gently tap end plug into roll tube.

**TIP:** Rotate roll tube with screws on top for easier insertion of return.

B. Use hole in end plug to insert #8 x 1/2" Phillips self-drilling screw at end of roll tube.

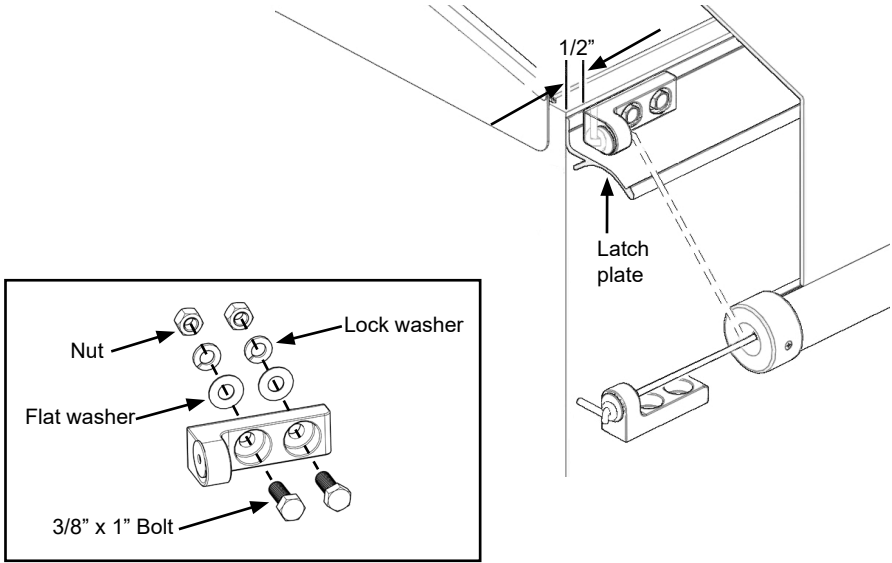


### 3: ATTACH GUIDE

**NOTE:** Cable should follow a natural path on top of end cap without interference from edge of tarp or wind deflector (ensure cable does not get caught on corner of end cap or latch plate).

**NOTE:** For stainless steel hardware, see page 2 for bolting procedures.

A. Place guide 1/2" back from edge of latch plate. Mark and drill (2) 5/16" holes. Fasten guide with (2) 3/8" x 1" bolts, flat washers, lock washers and nuts.



B. Open and close tarp several times. Make adjustments in knot location if needed.

