



CABLE RETURN INSTRUCTIONS

Use these instructions to install cable return. 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

- Cable return assembly with hardware
- Center mounting bracket with hardware
- Retaining collar
- Vinyl cap
- Roller guide with hardware (Side mount only)

TOOLS NEEDED

- Drill with 5/16" bit
- 9/16" Socket and wrench
- Phillips head screwdriver
- Protective eyewear
- Marking pen
- Deburring tool
- Cutting tool

NOTE: Hardware appearance and components may vary.

NOTE: Ensure cable runs unobstructed along entire path of travel.

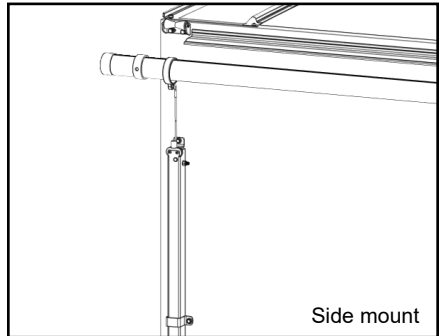
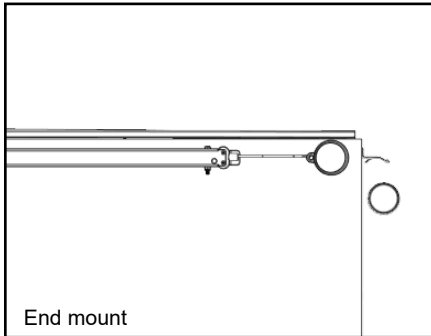
STAINLESS STEEL HARDWARE ONLY

▲ 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.

To mount cable return, perform one of the following: End mount pg. 3, Side mount pg.5.



1: END MOUNT

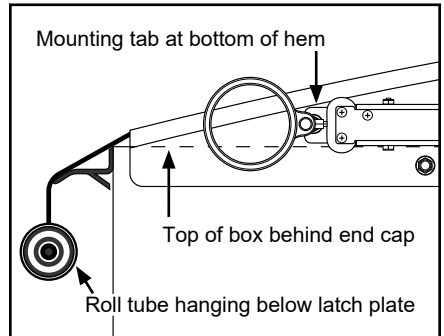
To mount cable return, perform one of the following:

NOTE: If installing with flat end caps, mount cable return 1" below top of box.

SQUARE CORNERED BOX

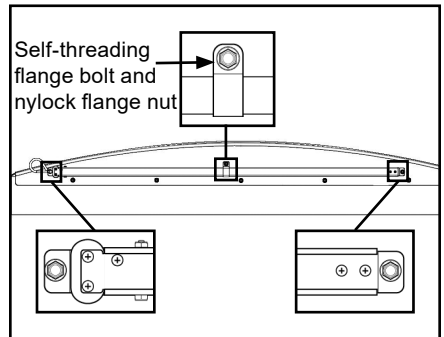
A. Unroll tarp to hang down on latch plate side, if needed remove any existing returns.

B. Align bottom edge of cable return with top edge of box behind end cap and slide toward roll tube until mounting tab meets bottom of hem.



C. Use holes in mounting tabs as template to mark and drill 5/16" holes at each end of cable return, then secure with 3/8" x 1" self-threading flange bolts and nylock flange nuts.

D. Place center mounting bracket (tab up) at center of cable return. Mark and drill 5/16" hole then secure with 3/8" x 1" self-threading flange bolt and nylock flange nut.

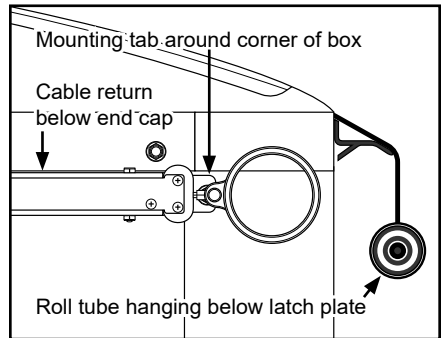


RADIUS CORNERED BOX

A. Unroll tarp to hang down on latch plate side, if needed remove any existing returns.

B. Align top edge of cable return with bottom edge of end cap and slide as close to roll tube as possible.

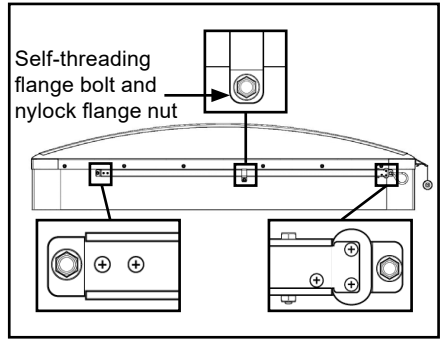
NOTE: Mounting tab may be bent around corner.



1: END MOUNT (Continued)

C. Use holes in mounting tabs as template to mark and drill 5/16" holes at each end of cable return, then secure with 3/8" x 1" self-threading flange bolts and nylock flange nuts.

D. Place center mounting bracket (tab down) at center of cable return. Mark and drill 5/16" hole then secure with 3/8" x 1" self-threading flange bolt and nylock flange nut.



2: MOUNTING LOCATION

To assemble cable return to roll tube, perform one of the following:

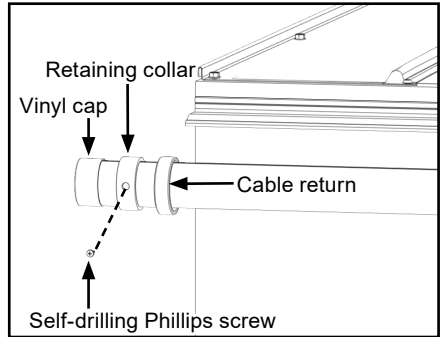
NOTE: "Drive side" is side of box where tarp motor or crank handle is located.

NON-DRIVE SIDE

A. Remove existing end plug and extend roll tube 4" beyond end of box.

B. Slide cable return, retaining collar and new vinyl cap onto roll tube.

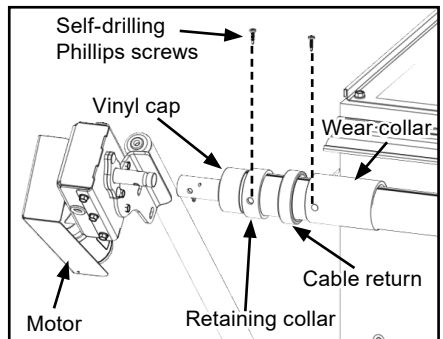
C. Secure retaining collar with #14 x 1" self-drilling Phillips screw.



DRIVE SIDE

A. Remove motor or crank handle to slide wear collar, cable return, retaining collar and vinyl cap over roll tube.

B. Secure wear collar and retaining collar with #14 x 1" self-drilling Phillips screws then reassemble motor or crank handle to roll tube.

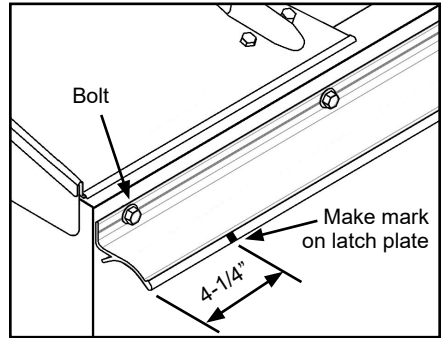


3: SIDE MOUNT

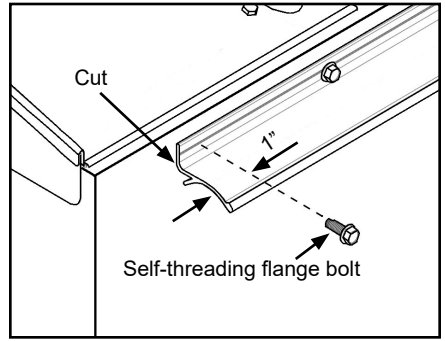
A. Latch plate will need to be shortened to accommodate the new roller guide. Measure 4-1/4" in from end of latch plate and make mark.

B. Remove end bolt on latch plate, save for later.

IMPORTANT: Ensure tarp will still rest on latch plate.



C. Loosen latch plate from box and make square cut on latch plate at mark made in previous step. Remove all sharp edges and burrs to protect tarp. Refasten latch plate to box. Measure in 1" from cut end and use small groove line on latch plate as center point to drill 5/16" hole and fasten with 3/8" x 1" self-threading flange bolt removed earlier.

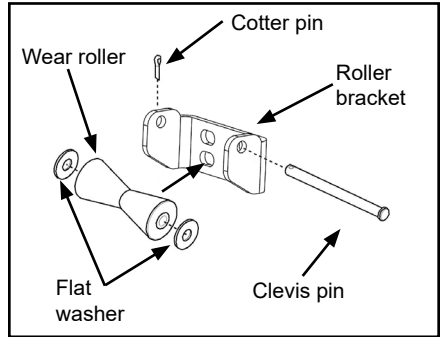


3: SIDE MOUNT (Continued)

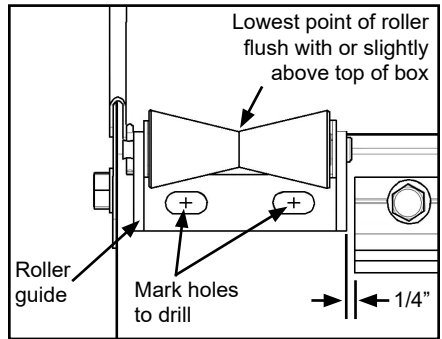
NOTE: For stainless steel hardware, see page 2 for bolting procedures.

D. Place wear roller with a flat washer on each side into the roller bracket. Line up holes and insert clevis pin through bracket, washers and roller. Secure clevis pin with a cotter pin.

NOTE: Cotter pin should always be away from the tarp.

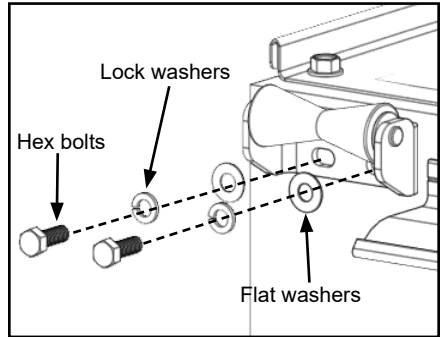


E. Position roller guide 1/4" from cut end of latch plate. The lowest point of wear roller should be flush with or slightly above top surface of the trailer. Roller guide should not interfere with end caps. Mark the bracket holes.



F. Drill 5/16" holes at each mark. Turn 3/8" x 1" non-stainless steel self-threading flange bolts in 5/16" holes to cut threads, then turn back out.

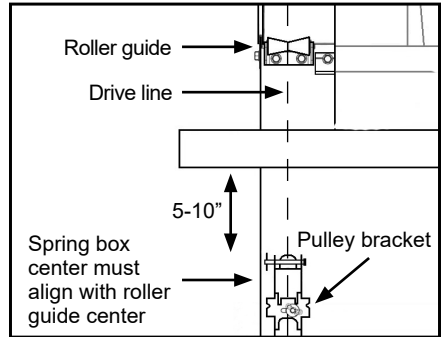
G: Secure with (2) hex bolts, (2) flat washers and (2) lock washers.



3: SIDE MOUNT (Continued)

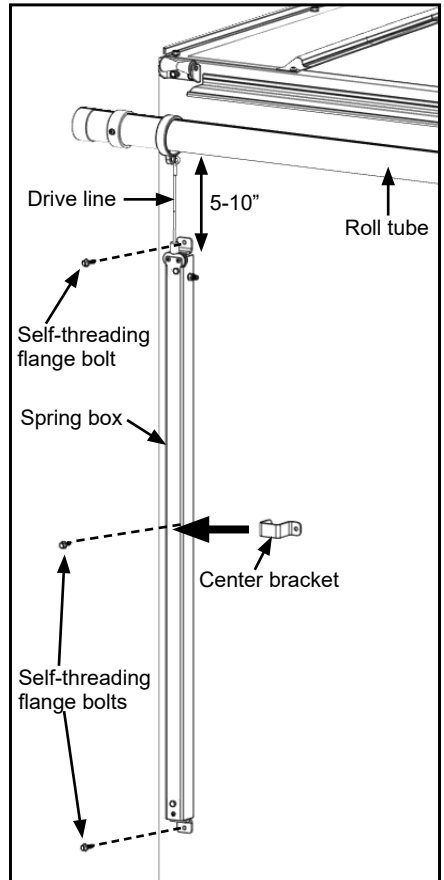
H. With roll tube hanging down, position spring box 5 to 10" down from roll tube, clear of any interference and make mark at end of spring box.

I. With pulley bracket closest to roller guide, align center of spring box with center of roller guide. Drive line cord needs to run near vertical (+/- 1/2").



J. Use holes in mounting tabs as template to mark and drill 5/16" holes at each end of cable return, then secure with 3/8" x 1" self-threading flange bolts and nylock flange nuts.

K. Place center bracket at center of cable return. Using center bracket as template, mark and drill 5/16" hole then secure with 3/8" x 1" self-threading flange bolt and nylock flange nut.



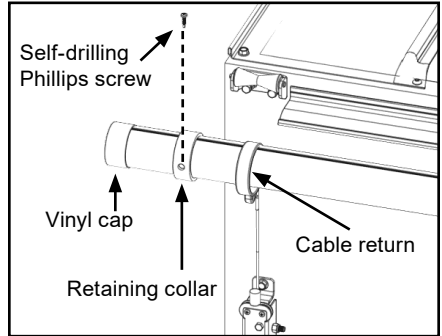
4: MOUNTING LOCATION

To assemble cable return to roll tube, perform one of the following:

NOTE: “Drive side” is side of box where tarp motor or crank handle are located.

NON-DRIVE SIDE

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- B. Slide cable return, retaining collar and new vinyl cap onto roll tube.
- C. Secure retaining collar with #14 x 1” self-drilling Phillips screw.



DRIVE SIDE

- A. Remove motor or crank handle to slide cable return, wear collar and vinyl cap over roll tube.
- B. Secure wear collar with #14 x 1” self-drilling Phillips screw then reassemble motor or crank handle to roll tube.

