



ALUMINUM ROLL TUBE SPLICE REPLACEMENT KIT

Use these instructions to replace or add an aluminum roll tube splice.

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 instructions. Save these instructions for future reference.

PREPARATION

COMPONENTS

- Roll tube splice
- (8) 1/4" Self-drilling Phillips screws
- (2) Drive rivets

TOOLS NEEDED

- Drill with 1/8" and 5/8" bit
- Cutting tool
- Protective eyewear
- Gloves
- Marking pen
- Phillips screwdriver - optional

NOTE: Hardware appearance and components may vary.

⚠ CAUTION: Over tightening hardware may damage components.

IMPORTANT: For electric systems, disconnect power source before installation.

1: DISCONNECT RETURN SYSTEM

A. Move tarp to position with least amount of tension on return system, then disconnect current return system from roll tube.

⚠ WARNING: When removing return systems under pressure, always use caution and assistance from another person.

B. Record orientation and location of (2) drive rivets on roll tube and drill out using a 1/8" drill bit.

C. Remove roll tube from tarp, then place on flat surface.

NOTE: Ensure there is room for splicing, additional parts and hardware.

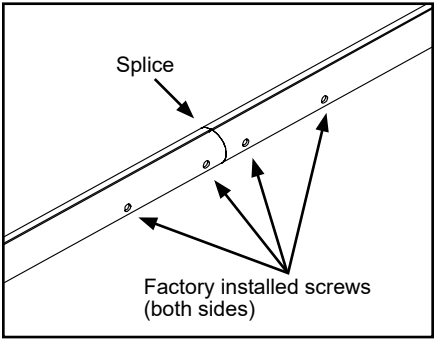
2: PREPARING ROLL TUBE SPLICE

Perform one of the following:

FOR SPLICE WITH SCREWS

A. At existing roll tube splice, remove (8) factory installed screws.

B. Pull apart roll tube assembly to remove existing roll tube splice.



2: PREPARING ROLL TUBE SPLICE (Continued)

FOR SPLICE WITH WELD PLUGS OR NO SPLICE

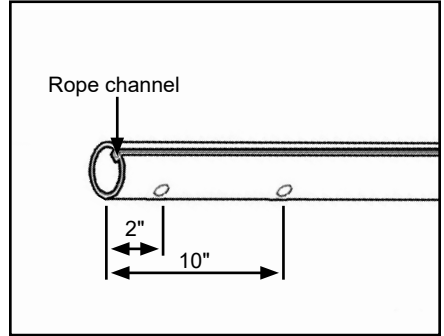
Perform one of the following to cut roll tube:

- For splice with weld plugs, measure 13" from edge of splice on roll tube and cut.
- For no splice, cut roll tube at desired splice location.

A. Measure and mark 2" and 10" from edge of cut, 90° from rope channel on both sides.

B. Drill 5/8" holes through both sides of roll tube at marked locations.

C. Repeat for other roll tube half.



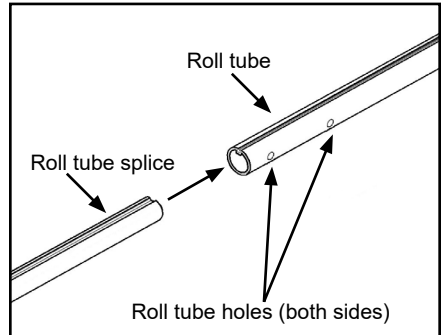
3: INSTALLING ROLL TUBE SPLICE

Perform one of the following to replace roll tube splice:

WELDING 3" AND 2" ALUMINUM ROLL TUBE

NOTE: Ensure rope channels are aligned.

- Insert half of roll tube splice into end of one roll tube.
- Secure roll tube splice by plugging each of the (4) roll tube holes with aluminum welds.
- Insert other roll tube onto opposite end of roll tube splice until tubes are tight against each other.

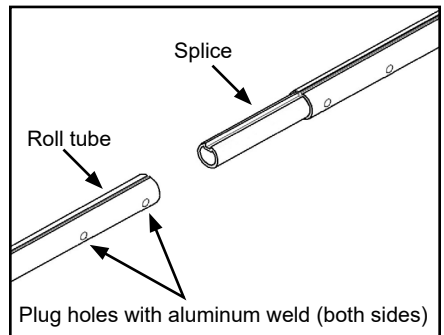


D. Secure roll tube by plugging each of the (4) roll tube holes with aluminum welds.

E. Let all welds cool, then grind flush to prevent tarp wear.

NOTE: If needed, trim off excess roll tube.

F. If applicable, repeat Steps 2-3 to install other splices.



3: INSTALLING ROLL TUBE SPLICE (Continued)

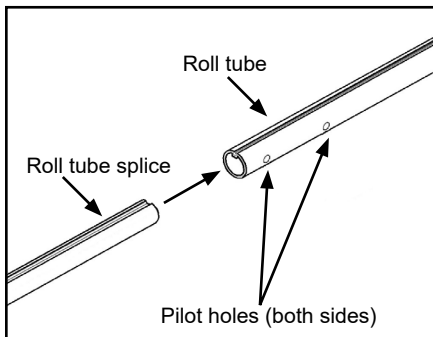
ALTERNATIVE TO WELDING

NOTE: Ensure rope channels are aligned.

A. Insert half of roll tube splice into end of one roll tube.

B. Drill (4) pilot holes into roll tube splice through center of roll tube holes using a 1/8" bit.

IMPORTANT: Pilot hole must be centered in holes on roll tube.

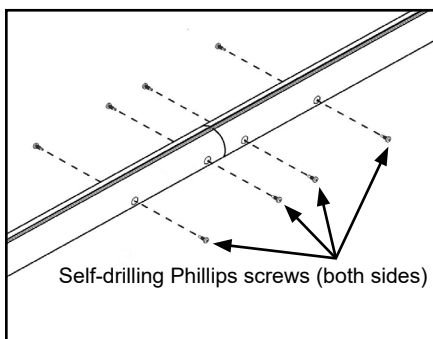


C. Secure roll tube splice by turning (4) self-drilling Phillips screws into pilot holes.

D. Insert other roll tube onto opposite end of roll tube splice until tubes are tight against each other.

E. Drill (4) pilot holes into roll tube splice through center of roll tube holes using a 1/8" bit.

F. Secure roll tube splice by turning (4) self-drilling Phillips screws into pilot holes.



NOTE: If needed, trim off excess roll tube.

G. If applicable, repeat Steps 2-3 to install other splices.

4: RECONNECT RETURN SYSTEM

A. Reinstall roll tube on tarp.

B. Insert (2) drive rivets in previous locations.

C. Reconnect return system on roll tube.