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 hardware, read instructions prior to installation as improvements may be made without notice. Always handle components with care. If you have any 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.

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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
- Protective eyewear
- Gloves

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.

B. Disconnect current return system from roll tube.

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

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

D. Remove tarp from roll tube.

E. Then place roll tube on a flat surface.

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

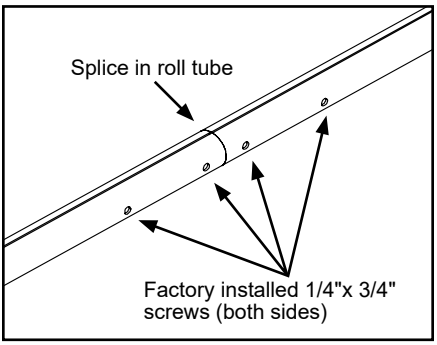
2: PREPARING ROLL TUBE SPLICE

Perform one of the following:

FOR SPLICE WITH SCREWS

A. At existing roll tube splice, remove (8) factory installed 1/4" x 3/4" 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

A. To cut roll tube, perform one of the following:

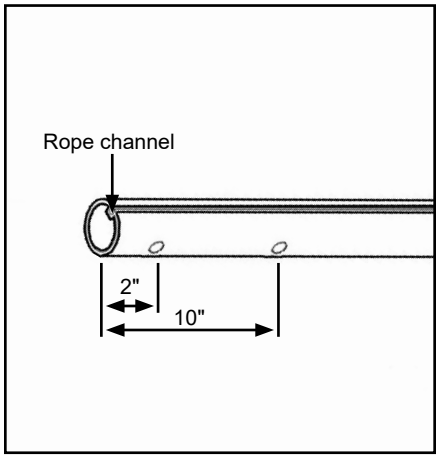
- For splice with weld plugs, measure 13" from edge of splice on roll tube and cut.
- For no splice, cut roll tube at desired splice location.

B. Measure 2" from edge of cut, 90° from rope channel and mark.

C. Then measure 10" from edge of cut, 90° from rope channel and mark.

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

E. Repeat for second roll tube half.



3: INSTALLING ROLL TUBE SPLICE

To replace roll tube splice, perform one of the following:

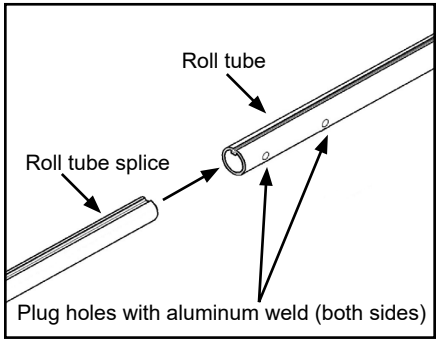
WELDING 3" AND 2" ALUMINUM ROLL TUBE

NOTE: Ensure rope channels are aligned.

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

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

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

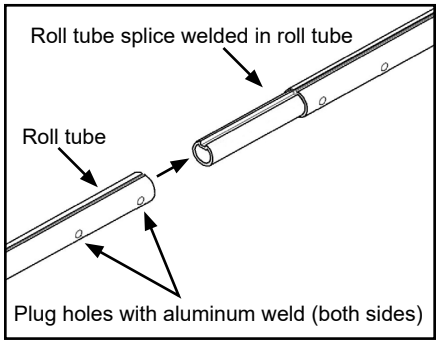


D. Secure second roll tube by plugging each of the (4) roll tube holes with aluminum welds.

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

NOTE: If needed, trim off excess roll tube.

F. If applicable, repeat Steps 2-3 to install another splice.



3: INSTALLING ROLL TUBE SPLICE (Continued)

ALTERNATIVE TO WELDING

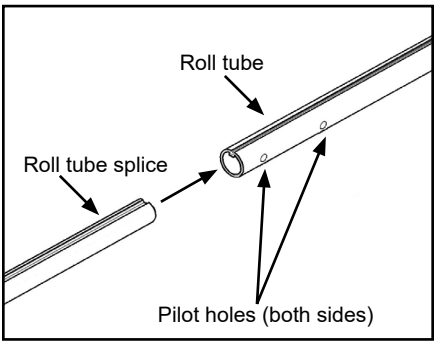
NOTE: Ensure rope channels are aligned.

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

B. Then 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.

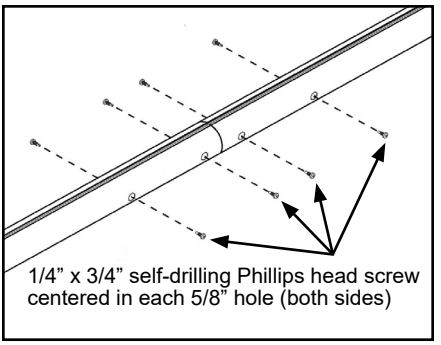
C. Secure roll tube splice by turning (4) 1/4" x 3/4" self-drilling Phillips screws into pilot holes.



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

E. Then 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) 1/4" x 3/4" self-drilling Phillips screws into pilot holes.



NOTE: If needed, trim off excess roll tube.

G. If applicable, repeat Steps 2-3 to install another splice.

4. RECONNECT RETURN SYSTEM

A. Reinstall tarp on roll tube.

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

C. Reconnect return system on roll tube.