

METAL FILLER INSTALLATION

Use these instructions to install metal filler onto an end cap. 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

- Metal filler with hardware
- Weather seal

TOOLS NEEDED

- Ladder
- Drill with 3/8" and 5/16" bit
- 9/16" Socket and wrench
- Cutting tool
- Alcohol
- Protective eyewear
- Marking tool

▲ CAUTION: Do not stand or walk on end cap or metal filler.

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.

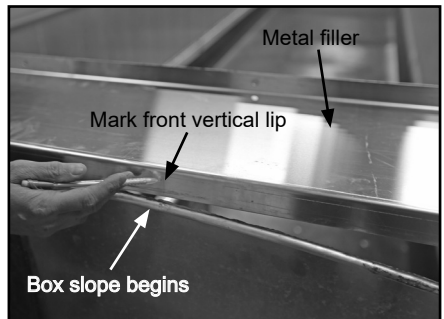
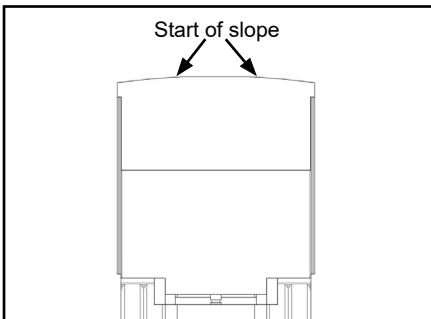
B. Turn 3/8" x 1" stainless steel bolt in for attachment. When possible, use stainless steel nuts and washers with these bolts.

1: PREPARE METAL FILLER

If needed, modify metal filler. Otherwise, proceed to Step 2.

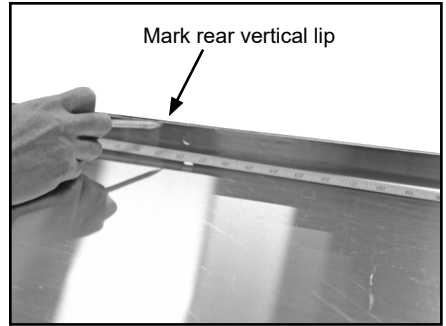
A. Place metal filler on box. Identify point on box where slope begins and mark metal filler front vertical lip.

NOTE: Front vertical lip faces down, rear vertical lip faces up.



1: PREPARE METAL FILLER (Continued)

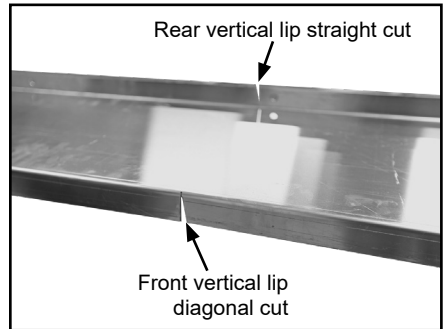
B. Measure from end of metal filler to mark made in Step 1A and mark same distance on rear vertical lip.



C. Make a straight cut at all marked locations.

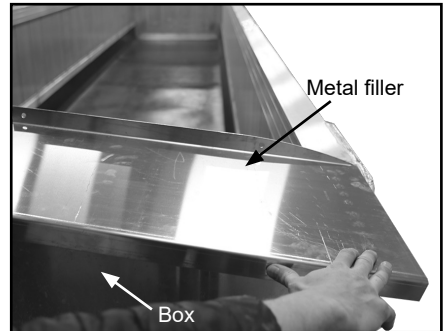
D. On the front vertical lip, make a diagonal cut from the initial cut to form a triangle.

E. Repeat Steps 1A-D on opposite end of metal filler.



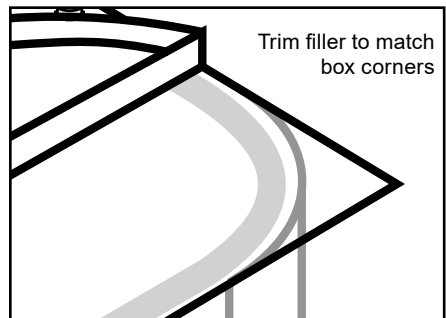
F. Place metal filler on box and press down on ends to angle metal filler at notches until it meets edge of box.

NOTE: Number of notches made depends on degree of slope.



NOTE: If box has irregular corners, trim filler and weather seal to match.

Tip: Use cardboard to trace outline of box for ease of trimming.



2: ATTACH FILLER AND SEALS

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

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

Perform one of the following to attach filler and seals:

7 OR 12" RISE END CAP

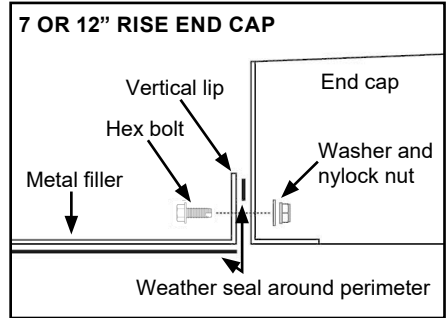
A. On flat surface, align and center metal filler with end cap.

B. Clean vertical lip and perimeter of filler with alcohol, then test fit weather seal and filler.

C. Peel protective backing and adhere weather seal to cleaned area.

D. Use pre-punched holes in filler as guide to drill 3/8" hole in end cap at each location.

E. At each hole, insert 3/8" x 1" hex bolt. Secure with washer and nylock nut, then tighten.



2: ATTACH FILLER AND SEALS (Continued)

FLAT RISE END CAP

NOTE: For side mount ensure vertical lip is on exterior of box. For top mount vertical lip may be rotated inside of box, additional trimming around rails may be required.

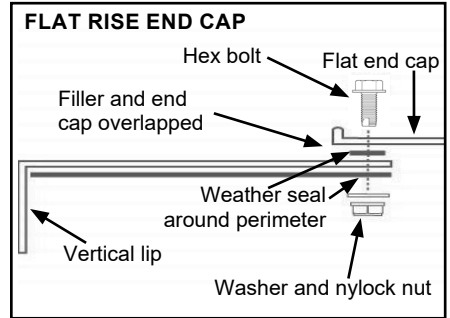
A. On flat surface, slide metal filler 2" under flat end cap and center.

B. Clean overlap area and perimeter of filler with alcohol, then test fit weather seal and filler.

C. Peel protective backing and adhere weather seal to cleaned area.

D. Drill (5) 3/8" holes evenly spaced where flat end cap and metal filler overlap.

E. At each hole, insert 3/8" x 1" hex bolt. Secure with washer and nylock nut, then tighten.



3: INSTALL METAL FILLER TO BOX

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

NOTE: If box has irregular corners, fasten filler points accordingly.

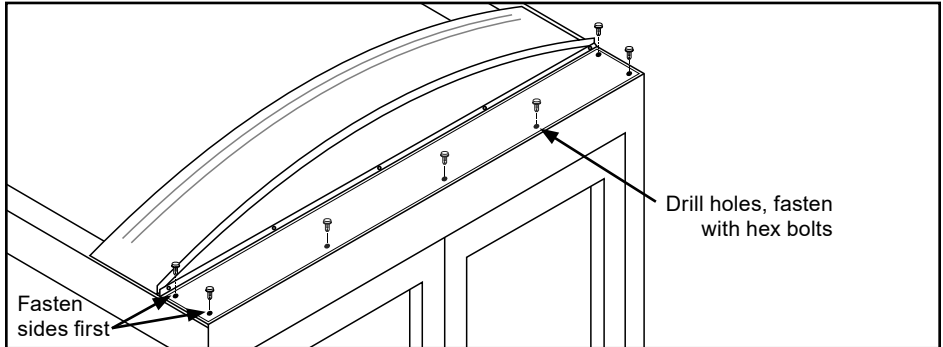
Perform one of the following to install filler:

TOP MOUNT FILLER

- A. Center end cap and metal filler flush with end of box.
- B. At each side, drill (2) 5/16" holes into metal filler and top of box.
- C. At each hole, insert 3/8" x 1" hex bolt. Secure with washer and nylock nut, then tighten.
- D. At end of box, drill (3) 5/16" holes evenly spaced into metal filler and top of box.
- E. At each hole, insert 3/8" x 1" hex bolt. Secure with washer and nylock nut, then tighten.

Tip: Seal as desired.

F. Refer to standard instructions to mount end cap brackets.



3: INSTALL METAL FILLER TO BOX (Continued)

SIDE MOUNT FILLER

NOTE: Flat end caps use pre-punched holes in filler as guide to drill 3/8" holes in box.

- A. Center end cap and metal filler flush with end of box.
- B. At each side, drill 5/16" hole into metal filler and top of box.
- C. At each hole, insert 3/8" x 1" hex bolt. Secure with washer and nylock nut, then tighten.
- D. At end of box, drill (5) 5/16" holes evenly spaced into face of metal filler and box.
- E. At each hole, insert 3/8" x 1" hex bolt. Secure with washer and nylock nut, then tighten.

Tip: Seal as desired.

F. Refer to standard instructions to mount end cap brackets.

