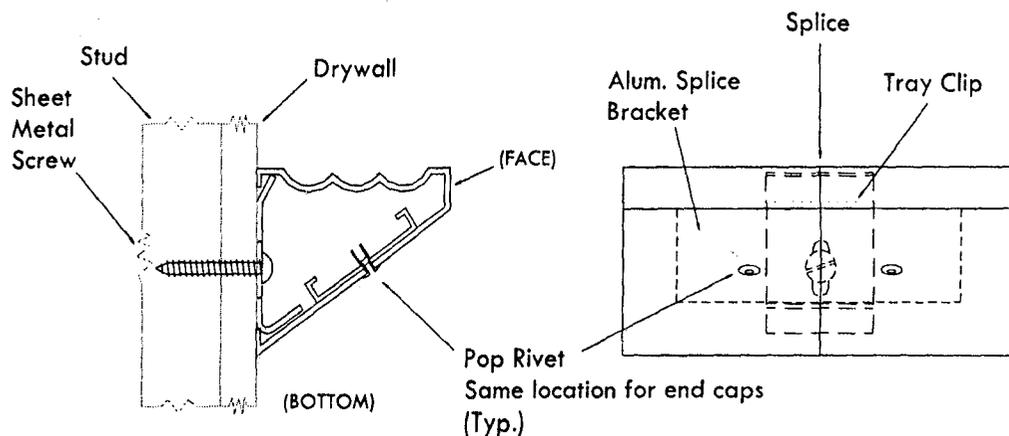


# Aluminum Tray Installation Instructions

- 1) Examine goods to assure quantity and quality is as ordered. Lay out the work to be completed, including all parts, along the base of the wall. The parts will include those supplied by **walltalkers®** and those the installer must supply. **walltalkers** supplies the extruded aluminum tray, steel mounting clips, and end caps in the quantities ordered. The installer must supply the hardware, **#10 X 1-1/2" truss head sheet metal screws** for most applications and **1/8" diameter X 3/8" grip aluminum pop rivets**. **Masonry anchors** and manufacturer specified screws must be used for concrete or block wall installations. One screw and/or anchor is required for each mounting clip; clips are installed 16" on center.
- 2) Determine the finished length of the marker tray, with or without. If using ends, deduct exposed portion of end caps from the overall length of the tray. For wall to wall applications, end caps are not necessary. Using a **fine tooth carbide tip blade** on a radial arm or miter saw, cut a small portion of one end of the aluminum tray at a 90° angle, assuring a square end. From the cut end, measure and cut the opposite end in the same manner.
- 3) Insert the end cap tab into the corresponding open end of the marker tray. Make sure the faces of the end cap and the tray are lined up and tight together; clamp the two pieces if necessary. If using a clamp, place a piece of wood stock between the clamp and the tray to prevent scratches. On the bottom side of the tray, the long flat side, drill a 1/8" hole approximately 3/8" in from the end cap joint, on the tray, about half way between the face and the bottom edge. Drill completely through both the tray and the end cap tab. Use a drill bit that is capable of penetrating aluminum. Insert a 1/8" aluminum pop rivet and grip it down tight. Place another rivet thru the top, 3/8" in from the end cap joint and 3/16" from the back of the tray, on the small flat portion that touches the wall. Follow the same steps for the other end cap.
- 4) Determine the finished height, top of the tray, and side-to-side location for the tray on the wall. Snap a level chalk line 3/32" below the finished height. Line up the top of the steel mounting clips, i.e. the flat beveled side, to the chalk line. Mount using condition appropriate hardware, as noted in step 1, 16" on center into the wall studs, wood blocking, or masonry. **Toggle bolts** or similar hardware may be substituted at locations where studs cannot be located. Install clips 4" in from each outside edge of the end caps, since ends will not snap over clips; center the screw hole at that location. Snap tray cover over the clips, may require two installers for longer lengths. Hook the top back edge over the tops of the clips and apply downward pressure to lock the tray in place.
- 5) If a splice is required, follow the detail below. The spliced pieces of aluminum, like the ends, require clean right angle cuts for the joint to have a good appearance. Mount a steel clip on the wall at the splice location, 1/2 of the clip should line up inside each piece of tray. If also installing aluminum trim, use a 4" piece of trim (splice bracket), mount inside the tray. If no aluminum trim is available, any piece of 1-3/4" X 4" piece of aluminum or steel will work. Clamp the splice bracket inside one of the pieces of tray, about half way between the face and bottom edge. One inch in on the tray about half way between the face side and the bottom, drill an 1/8" hole. Drill through both tray and bracket. Insert the 1/8" aluminum pop rivet and grip tight. Repeat for attaching the second piece of tray, making sure both pieces are tight together.



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