

POP-OUTS

ASSEMBLY & INSTALLATION



BASIC PARTS & ASSEMBLY

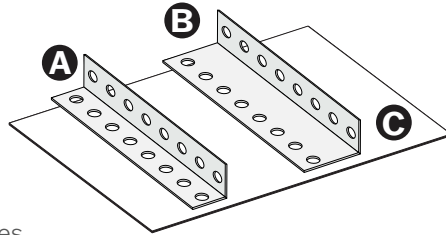
Lamar Pop-Outs are a great introduction to the world of Out-of-Home 3D embellishments. Ease of assembly and installation were paramount in their design. This sheet describes common Pop-Out construction and assembly techniques. Final construction may vary depending on the complexity of each project.

MATERIALS LIST

Pop-Outs are built using 20 gauge galvanized dipped perforated angle-iron, 3mm aluminum composite sheeting, and galvanized nuts and bolts. Properly assembled and mounted, Pop-Outs are built to last!

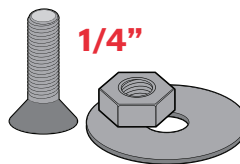
METAL FRAME WORK

1¼"x1¼" angle iron (A) is used to create the basic ridge framing for all Pop-Outs. Heavier, **2½"x1¼"** iron (B) is used for panel seams and bracket attachment points. The **3mm aluminum composite sheeting (C)** is quite rigid, and does not require bracing for complex edges.



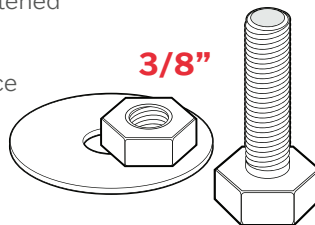
SUPPLIED HARDWARE

The aluminum composite sheeting is fastened to the framework with **1/4" black alloy steel flathead bolts, nuts, & washers**.

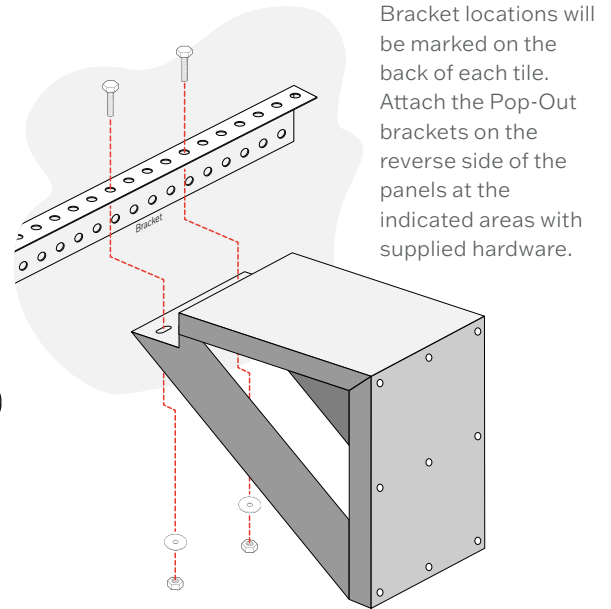


The metal framework and brackets are fastened with **3/8" galvanized nuts & bolts**.

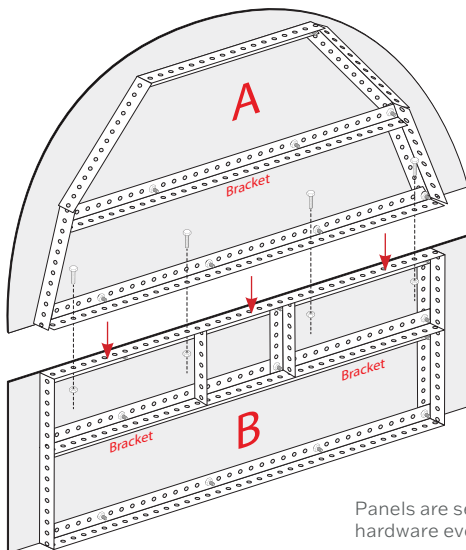
The Pop-Outs are secured to the board face with heavier gauge **3/8" galvanized nuts & bolts with 2" washers** (four per foot).



7/16", 1/2", 5/8" deep sockets recommended.



POP-OUT PANEL ASSEMBLY



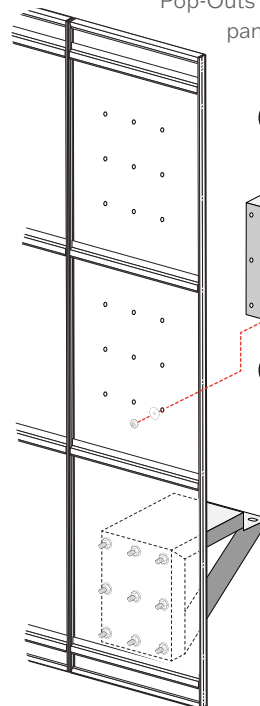
- 1 Assemble Pop-Out panels in alphabetical order. Corresponding panel edges are joined with heavier grade 2½" framework.
- 2 Pop-Out panels can be assembled on the ground and lifted into place in whole or in part. Larger Pop-Outs tend to be easier to lift in pieces and assembled on the structure.

Panels are secured with supplied hardware every 12"-18" depending on size.

*Panels are numbered and Bracket Placement/Orientation is indicated on the back of every Pop-Out for your convenience.

POP-OUT INSTALLATION

Pop-Outs are designed to bolt directly to bulletin panels. Installation on hurricane frames require the use of 3x3 angle iron for proper bracing.



- 1 Start by drilling holes to accommodate the larger mounting hardware.
- 2 Secure the bracket assembly with the 9, heavy gauge 3/8" mounting bolts provided with your Pop-Out kit.

Pop-Outs can be installed in pieces or panels, depending on the size of the prop. Make sure you have access to each bracket assembly as each of the sections are installed. They are typically mounted within arm's distance of the edge of each Pop-Out section.