

Assembly Instructions ■

Backbone® Media Platform

August 2014

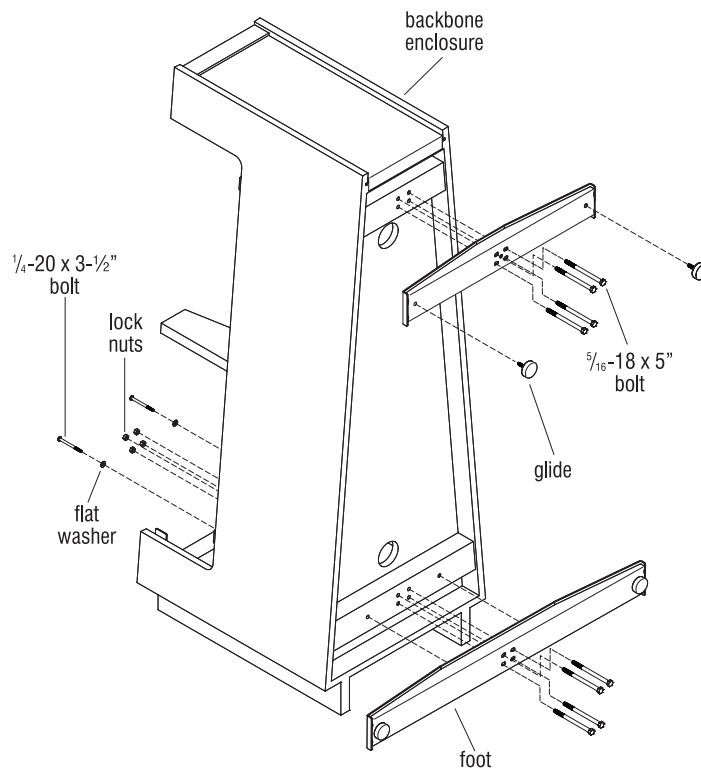
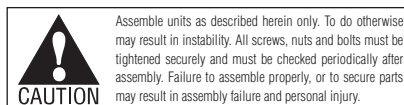


Figure 1



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

1. Remove the Backbone enclosure from pallet, taking care not to damage the bottom edges. Then remove support feet, access door, adjustable glides and hardware kit #47.0815 from inside the enclosure.
2. Place packaging foam or cardboard onto the floor for protection. As illustrated, carefully place the enclosure unit onto the protective material and stand it up on its back end, the wider side of the enclosure unit (Figure 1).
3. Install the longer 38" foot to the lower, wider end of the enclosure bottom. First locate two $\frac{1}{4}$ -20 x 3- $\frac{1}{2}$ " self-threading countersink headed screws and add a flat washer to each. From inside the Backbone enclosure, insert the two $\frac{1}{4}$ -20 x 3- $\frac{1}{2}$ " self threading screws with washers through the enclosure and into the threaded outer holes on the 38" foot. Do not fully tighten at this time. Next, locate and insert the four $\frac{5}{16}$ -18 x 5" bolts through the bottom, center of the foot and into the enclosure from the outside. Twist on four locking nuts, but do not fully tighten at this time. Leave all fasteners loose until all bolts are attached (Figure 1).
4. Attach the shorter foot to the underside of the enclosure, as done above with the 38" foot, by using only four $\frac{5}{16}$ -18 x 5" bolts and locking nuts. Do not tighten at this time (Figure 1).
5. Square the feet to the units support cross members and tighten all fasteners. Then insert the four adjustable threaded glides into the feet (Figure 1).
6. Carefully lower the unit on to the support feet and adjust leveling glides if necessary.

Note: If Monitor Support Panel (optional) is not included, skip now to step 9.



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Optional Monitor Support Attachment

7. Locate hardware kit #47.0817, shipped with Monitor Support. Begin by removing the six screws which secure the perforated steel panel to the inside of the Backbone enclosure to gain better access.
8. Move the monitor support into position behind the Backbone enclosure as illustrated. Locate the six $\frac{5}{16}$ -18 x 6" bolts from the hardware kit and place a flat washer on each of the bolts. Insert the bolts through the interior of the enclosure unit and into the T-nuts in the monitor support front panel. To do so, the monitor support will need to be elevated $\frac{1}{2}$ " or so. Leave each bolt loose until all six are threaded into the monitor support front panel. After all six bolts are threaded in, square the bottom of the support to the floor and tighten all six bolts to secure (Figure 2).

tightening nut by using the $\frac{1}{8}$ " diameter by 4" long tool provided. Tighten all barrel fasteners, small amounts at a time to draw tops together, but do not tighten completely at this time. Once all barrel fasteners are attached, flush the outer edge of each table top half and tighten all fasteners to secure. Be careful to keep table halves aligned, and to not pinch the protective surface in the seam from the underside of assembly (Figure 3 & Detail A).

Note: Top assemblies and enclosure units are labeled as sets with letters in the factory. Take care to match like-labeled components together during assembly of multiple unit installations.

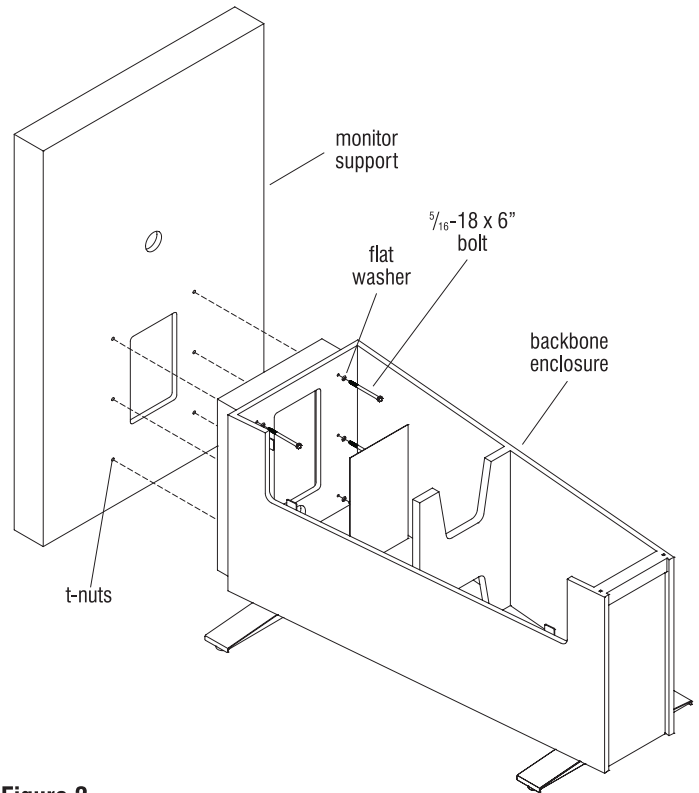


Figure 2

Table Top Assembly Installation

9. Take care to protect table top sections from damage and place both tops upside down onto a soft, flat protective surface. Insert hardwood splines into slots in table top, then carefully move the table tops closer together and insert barrel fastener components (locking sleeve, draw bolt & tightening nut) into underside of table top as illustrated. Align the fasteners and the hardwood splines, while gently moving the two tops together. Next, start the draw bolts into the round threaded ends of the

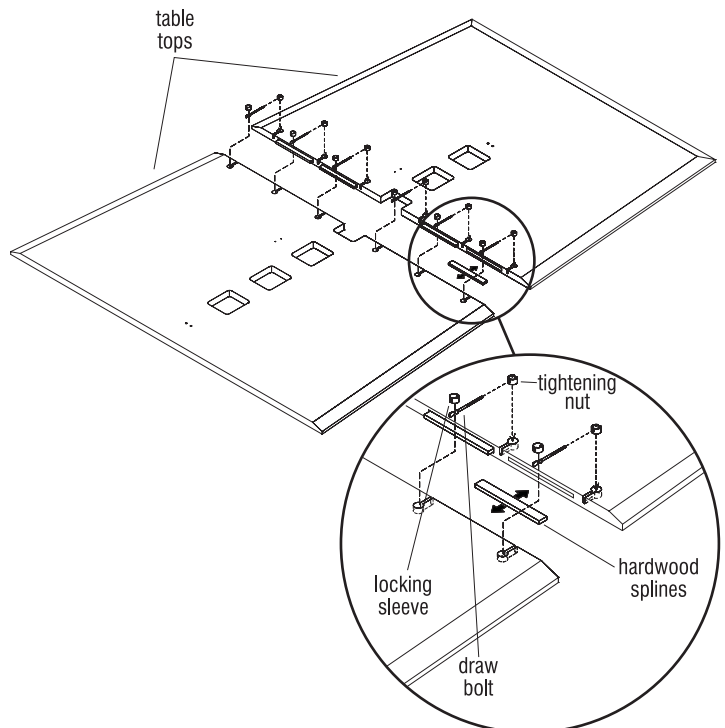



Figure 3

Detail A



CAUTION Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

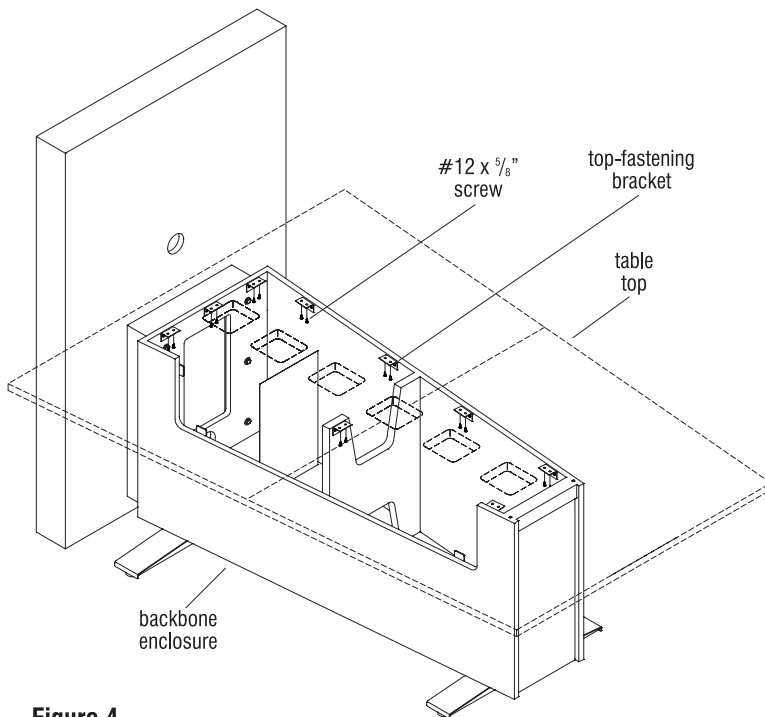


Figure 4

10. Carefully lift and rotate the assembled table top right side up onto the enclosure unit. The enclosure unit has several pre-installed "top fastening brackets", which align with pre-drilled holes on the underside of the assembled table top. Move the top around on the enclosure unit until all of the holes in the fastening brackets align with the pre-drilled holes in the underside of the table top. Secure top fastening brackets to underside of table top using #12 x 5/8" wood screws provided (Figure 4).

Switching Hardware Assembly

11. Place all table top modules into the cutouts in table top, making sure to orientate each in the correct direction. Route all wires out the

access door and secure the modules to the table top from inside the enclosure unit with provided fasteners. Place the switching box inside the larger end (left side) of the enclosure. Begin by plugging in all like wires one at a time, (audio, video or control) into the respective locations on the switcher. Start with the module that is farthest from the switcher (small end of enclosure) and route its wire(s) through the "bottom" opening in the center divider wall of the enclosure unit. Continue to route all wires through the bottom opening until you reach the wires coming from a module located beyond the center divider. Take care to make sure audio/video wire that may need to move in and out of modules reach there desired locations. After all control wires have been run, complete wiring by plugging in 110v electrical wires to the power strip

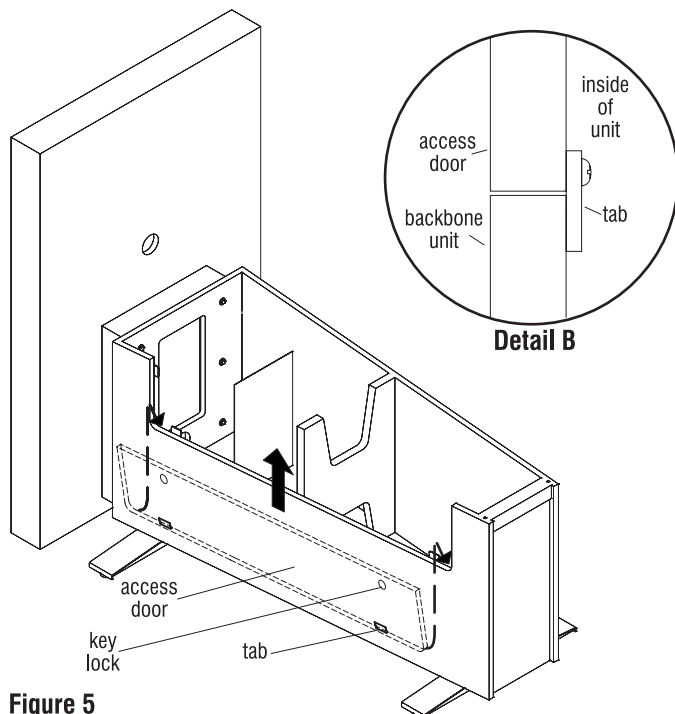


Figure 5

Access Door Installation

12. Position access door as illustrated with tabs facing down and towards the inside of unit (Figure 5).
13. Lift door up and tilt away from unit so that the tabs can slide into opening, make sure tabs are positioned correctly (Figure 5 & Detail B).
14. Push door in and against pre installed tabs so the outside is flush with the rest of the unit (Detail B).
15. Place keys into pre-installed key locks on access door and turn them so that the door is locked into place and does not fall out (Figure 5).



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Monitor Display Wiring

16. Before mounting the monitor; plug in audio, video and electrical wires to their proper ports. Confirm that there is clearance or enough space between the Monitor Support or the wall to accommodate the cords. You may need to add spacers or change the location of the mounting hardware to clear all the cords. Route the audio and video wires to the switcher and plug in the 110v electrical cord.

Note: depending on the hardware chosen, there may be a power sensor control item. See separate wire instructions.

