



Your Performance Partner

Top Replacement Instructions Showmobile® Mobile Stage

Basic Instructions only!
For more detailed information, refer to the
Showmobile® Owner's Manual 089F049.

MATERIALS LIST

360 pieces	Screws – #10 SS hex head [X001932]
1 tube	Construction adhesive
2 tubes	Black silicone caulk
14 pieces	Precut plywood shapes [Drawing 089C079]
1 piece	#2 Cable butt connector
140 pieces	3/16 x 1-1/8 Blind rivets, black
16 pieces	1/4-20 x 1-1/2" Pan head Screws [011C665]
16 pieces	1/4-20 Nylock nuts [X001713]
12 pieces	1/16" Thick installation shims
1 roll	Electrical tape (not included)

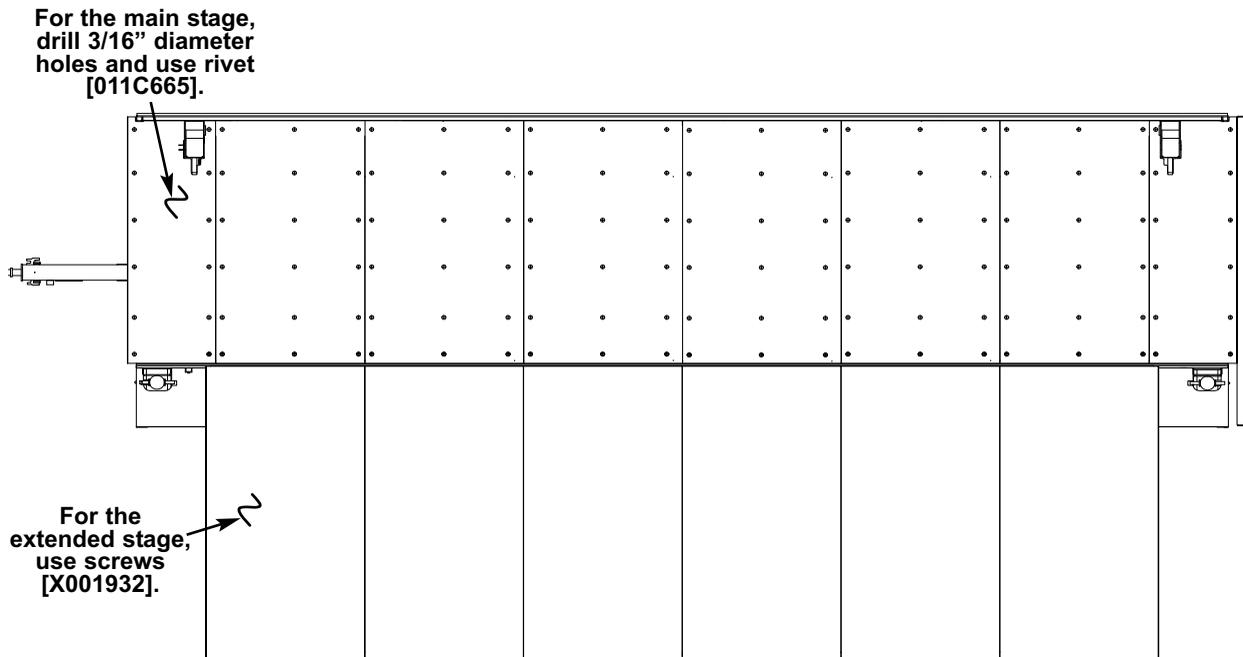
REQUIRED TOOLS

- Screw gun
- Jimmy bar
- Caulk gun
- Rivet gun
- Drill
- 3/16" Drill bit
- 1/4" Drill bit
- Nut runners – 5/16 hex
- #2 Phillips screw runner
- 7/16" Combination wrench
- 9/16" Combination wrenches
- Wire cutter
- Jigsaw
- Table saw
- 3/4" Diameter hole saw
- Crimping tool for # 2 stranded electrical cable

IMPORTANT: *It is recommended to replace only one sheet at a time to be sure that each is fitted properly.*

REPLACE THE STAGE EXTENSION SHEETS FIRST

1. Remove screws from the underside of the front most deck.
2. Remove the sheet from the unit.
3. Clean the old adhesive from the steel framework.
4. Clean any dirt and debris from cracks in the framework.
5. Apply a dab of new adhesive to each of the screw holes.
6. Set the new sheet in place and slide it against the outside frame members.
7. Apply screws from the underside through all of the holes and tighten.
DO NOT OVER TIGHTEN!
8. Repeat steps 2 through 8 for the next four sheets, but shim each sheet away from the previous sheet using the 1/16" shims provided.
9. For the last sheet, repeat steps 2 through 6.
10. Measure the remaining opening at both ends. Subtract 1/16" from each measurement and use these adjusted measurements to trim the last sheet to size.
11. Repeat steps 7 and 8 for the last sheet.



REPLACE THE MAIN STAGE SHEETS NEXT

1. Locate the Handicap Lift on the unit. Remove the handicap lift enclosure by removing the nine screws at the hinges of the enclosure. Set this enclosure aside.
 2. Remove the four 3/8 x 2-1/2" lift mounting screws from the bottom of the lift.
 3. Remove the four self-tapping screws from the top lift supports.
 4. Disconnect the battery cable.
Locate the #2 power cable on the underside of the stage.
Move to the middle of the chassis and cut this cable in two.
WARNING: Disconnect the battery before working with any power cables.
 5. Measure the distance from the back wall to the far edge of the lift framework and from the upright column to the door jam. Record these dimensions for later reassembly of the lift.
 6. Slide the lift unit out onto the stage extension area, out of the way.
 7. If you have a Handicap Lift, locate the two sheets that have cutouts for the lift framework. You will begin with these sheets.
 8. Locate the two sheets under the lift. One of these will be 48" wide, and the other will be about 45-3/4" wide.
 - a. Remove screws from the underside of the 45-3/4" wide sheet.
 - b. Remove the sheet from the unit.
 - c. Clean the old adhesive from the steel framework.
 - d. If the sheet includes a tie-down ring, remove it and set it aside.
 - e. Clean any dirt and debris from cracks in the framework.
 - f. Set the replacement 45-3/4" wide sheet in place, with the cutouts located the same as the sheet that was taken out. Slide the sheet up against the hinge on the roadside of the unit. Sight along the edge of the sheet to align the edge with the corresponding edge on the stage extension sheet.
 - g. Drill and apply rivets 12" on center from the topside through all of the holes. Refer to the illustration.
 9. Locate the 48" sheets under the lift.
 - a. Remove screws from the underside of this sheet.
 - b. Remove the sheet from the unit.
 - c. Clean the old adhesive from the steel framework.
 - d. If the sheet includes a tie-down ring, remove it and set it aside.
 - e. Clean any dirt and debris from cracks in the framework.
 - f. Set the replacement 48" wide sheet in place, with the cutouts located the same as the sheet that was taken out. Slide the sheet up against the hinge on the roadside of the unit. Shim this sheet 1/16" away from the previous new sheet using the shims provided.
 - g. Drill and apply rivets 12" on center from the topside through all of the holes. Refer to the illustration.
 10. Repeat steps 8 and 9 for the next three sheets, but shim each sheet away from the previous one using the 1/16" shims provided.
 11. Repeat step 9 for the small sheets in the front and back of the unit.
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REPLACE THE MAIN STAGE SHEETS NEXT (CONTINUED)

12. Starting at the front of the unit, measure the width of the remaining opening. Subtract 1/16" from these measurements.
 - a. Locate one of the remaining small sheets. Measure from the edge that will be to the outside of the unit, and trim this sheet to these adjusted dimensions.
 - b. Locate the electrical conduit along the upright on the curbside of the unit. Mark the location of this conduit on the small sheet. Use the jigsaw to cut an opening for this conduit. Shorten the piece you cut out and insert it behind the conduit after you install the sheet.
 - c. Set this sheet in place and shim it away from the next sheet using the shims provided.
 - d. Apply rivets 12" on center from the topside through all of the holes. Refer to the illustration.
13. Repeat step 12 for the small sheet in the back of the unit.
14. For the sheets that are located above the storage compartments on the curbside of the unit, drill 3/16" diameter holes at the locations shown in the illustration.
15. Install the 3/16 x 1-1/8 blind rivets into these holes and through the steel frame below.
16. Using the black silicon caulk, caulk the joint between the new sheets and the back wall and uprights.
17. Move the Handicap Lift back into place at the back wall per to the dimensions you recorded earlier.
18. Drill four holes in the floor at the base of the lift.
19. Locate the screws and nuts that were previously removed from this lift. Insert the screws and nuts through these holes and tighten securely.
20. Re-install the four self-drilling screws at the top of the lift.
21. Re-install the lift enclosure with the nine self-drilling screws that were removed during disassembly.
22. Drill a 3/4" diameter hole through the sheet as shown in the illustration.
23. Route the #2 electrical cable through this hole and through the storage compartment to the center of the chassis.
24. Splice this cable to the previously cut end of the cable using the cable splice provided and proper crimping tool.
25. Tape this splice with several layers of electrical tape.
26. Disconnect the battery cable.
27. Re-install the tie-down rings into the new sheets using the new screws provided.