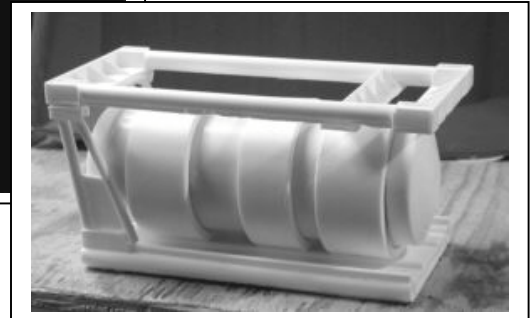
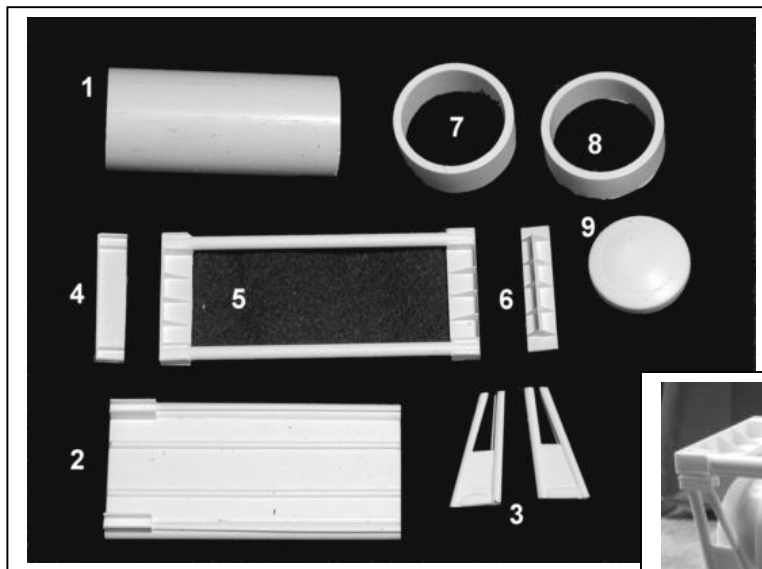


# CONCEPT MODELS

<http://www.con-sys.com/Index.htm>  
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8331 Sheep Ranch Rd.  
Mountain Ranch, CA 95246



**NOTE:** This kit consists of resin castings and must be assembled with an ACC cement (not provided) – both the thicker types as well as the thin. Solvent cements will **NOT** bond the parts together! Resin parts are more fragile than common styrene plastic used in injection molded models. Use reasonable care in handling and do not apply any solvents..

**CEBX 101 VESSEL LOAD KIT**

Item No.	Part No.	PART DESCRIPTION	QTY.
1	6528-1	27' x 1-1/4" O.D. Tube	1
2	6528-2	Main Support Base	1
3	6528-3	Angular Supports	2
4	6528-4	Cross Support	1
5	6528-5	Main Compression Assembly	1
6	6528-6	Compression Support	1
7	6528-7	Large Ring	2
8	6528-8	Small Ring	1
9	6528-9	End Cap	2
10	6528-10	Lift Brackets	4
11	6528-11	Instructions	1

## WARNING

Some parts have lead encapsulated within them. In the event the lead is exposed for any reason, do not allow it to remain on the skin. Dispose of any lead shavings that may result. Obey all safety precautions of all suggested cements and assembly materials.

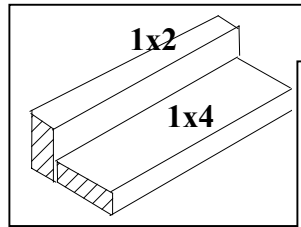
## Gluing with ACC Cements – USE WITH CARE

ACC cements allow the modeler to work very quickly. A general rule is to use the thin cements to glue long joints taking advantage of capillary action that makes the cement run the length of the seam. The thicker cement is suited to applying large area parts to each other. An accelerator can be applied sparingly. One technique is to apply the glue to one part and the accelerator to the other part to be joined. I also use a Q-tip to apply a minute amount of accelerator to the glue after the parts have been joined. The accelerator triggers the ACC cement to set very quickly. It is only slightly slower with the thicker cement. Work very carefully when positioning the parts for gluing. ACC cements adhere very quickly and permanently

## Instructions

### Tools Required

All basic model workers tools – files, motor-tool with fine burrs, hobby knife, 1/8” drill, Wood blocks for holding parts square, metal square, etc.

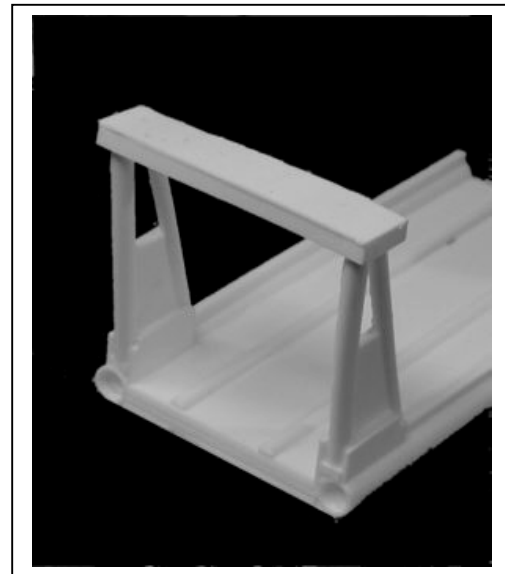


A gluing fixture is a great aid to assembly. It helps hold parts square while gluing.

**PREPARATION** Wash the parts before assembling with a dish washing detergent such as “Dawn”. Rub lightly with a soft sponge.

## ASSEMBLY

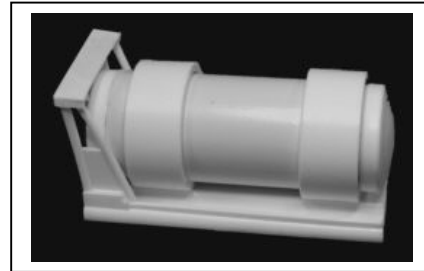
**1** Glue the Angular Supports to the Main Support positioning in the guides as shown. Add the cross support by positioning the Angular Supports in the pockets of the Cross Support as shown. Note the open side of the Cross Support faces towards the center of the load.



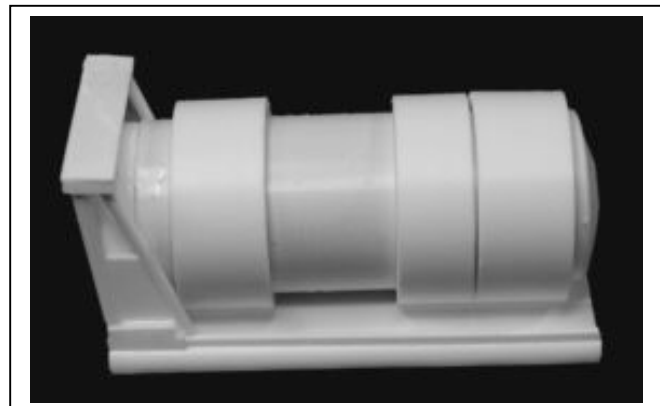
2 Clean the large tube which is the vessel body with acetone to remove any markings and to remove the shiny finish. Use ACC cement to glue the ends onto the tube. Make sure it is centered. Do both ends.



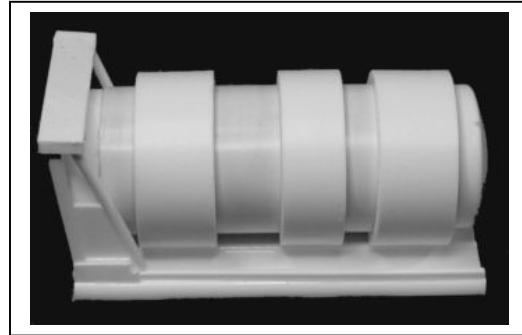
3 Slip the small ring (7) and one of the large rings (8) over the tube assembly and position on the main support base (2). DO NOT CEMENT anything.....yet. The small ring should be positioned to the left (photo is wrong) against the angular supports. Glue only the ring to the base then withdraw the tube with the other ring



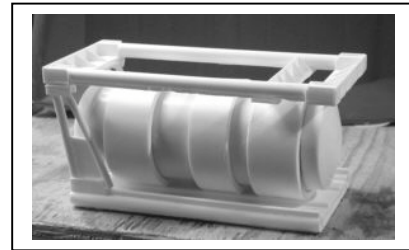
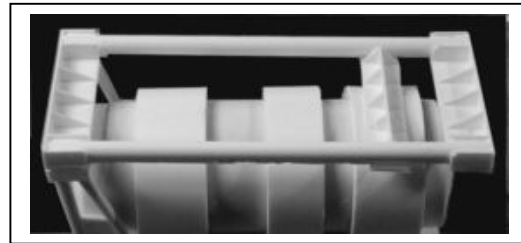
4 Now slide the two remaining ring on the tube and reposition as shown on the base. Center the tube assembly in relation to the base. Glue the large ring to the right to the base. It should be even with the end cap glue joint. Cement the large ring to the base. The center ring and the tube should still be loose.



5 Reposition the remaining ring to the position shown and glue to base. With the tube still centered in relation to the base, glue the tube to the rings using the capillary action of the ACC cement.



6 Position the main compression assembly and the compression support as shown. Glue the main compression assembly to the cross support. Position the compression support as shown and glue to the arms of the main compression assembly. If necessary shim the main compression support where it touches the ring to get the main compression assembly parallel to the main support base. Glue the compression support to the ring.



7 Thread two of the lift brackets (1) through the 1/8" tube supplied with the CEBX 101 kit. Glue to the main support base. The base should fit in the right angle notches. Do both ends the same. Make sure that the load is centered and straight.



