

CONCEPT MODELS

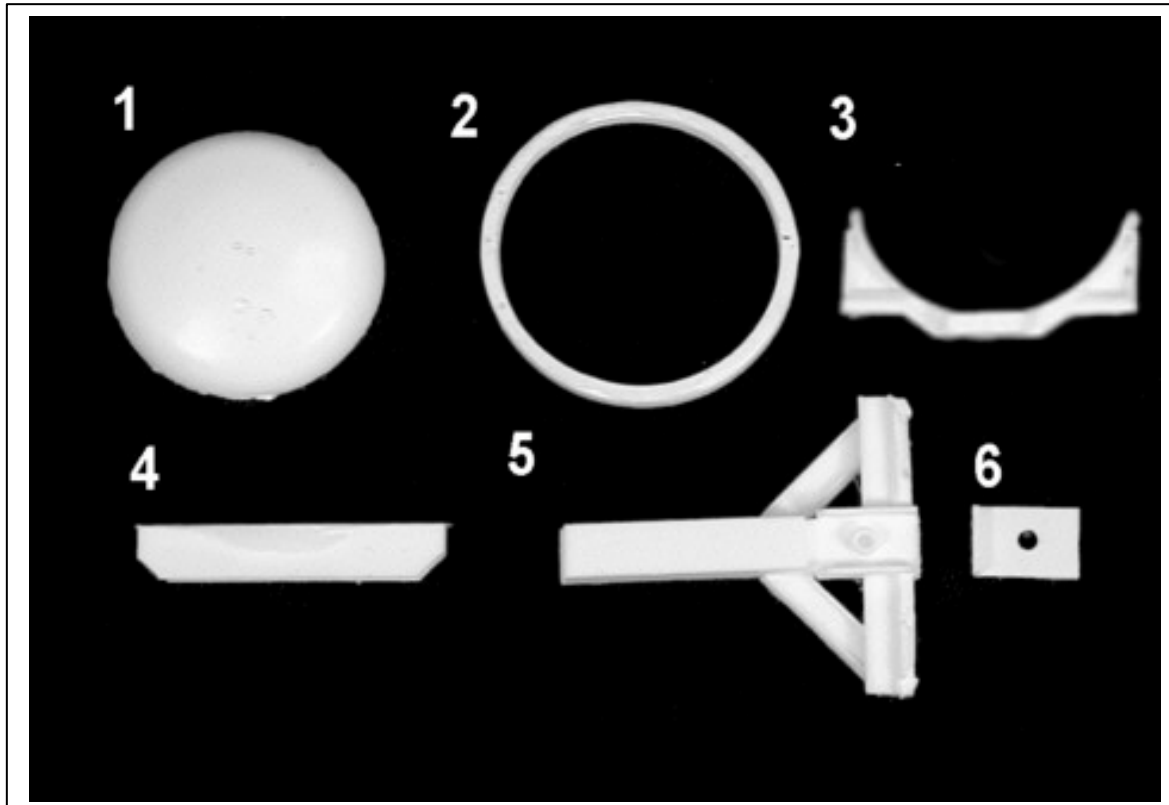
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**34152 GALLON DOT 113 CRYOGENIC
TANKER – PTRX 7004**

PARTS – PTRX 7004 TANKER

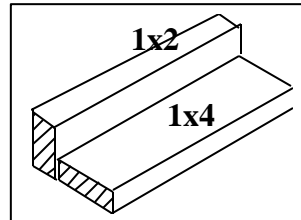


Item No.	PART NO. 8504	DESCRIPTION	QTY.
1	1000	Hi Press Ends (pr)	1
2	1033	Ring .125"	2
3	1002	Tank Saddle	2
4	8503-8	Bottom Drain	1
5	1042	End Sill	2
6	1032	Coupler Cover	2
7	1073	Control Box	2
8	1043	End Sill Deck	2

PART NO.	STANDARD PARTS	QTY.
	s.f. = scale feet	
1014	1/8" x 2-56 screws	2
1018	Brake Valve	1
1020	Brake Reservoir	1
1019	Brake Cylinder	1
1048	Brake Mount	1
1041	Brake Mech.	1
1010	Brake Wheel	1
1011	Small Pin	1
1057	PVC Tank Tube – 82 s.f.	1
1049	Placards	4
1050	Placard Mounts	4
	Decals	1
	Instructions	1

Tools

All basic model workers tools – files, motor-tool with fine burrs, hobby knife, 1/8” drill, 2-56 tap drill and tap, 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.

Instructions

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. The illustrations at the front show the general layout of parts for the car. Work very carefully when positioning the parts for gluing. ACC cements adhere very quickly and permanently.

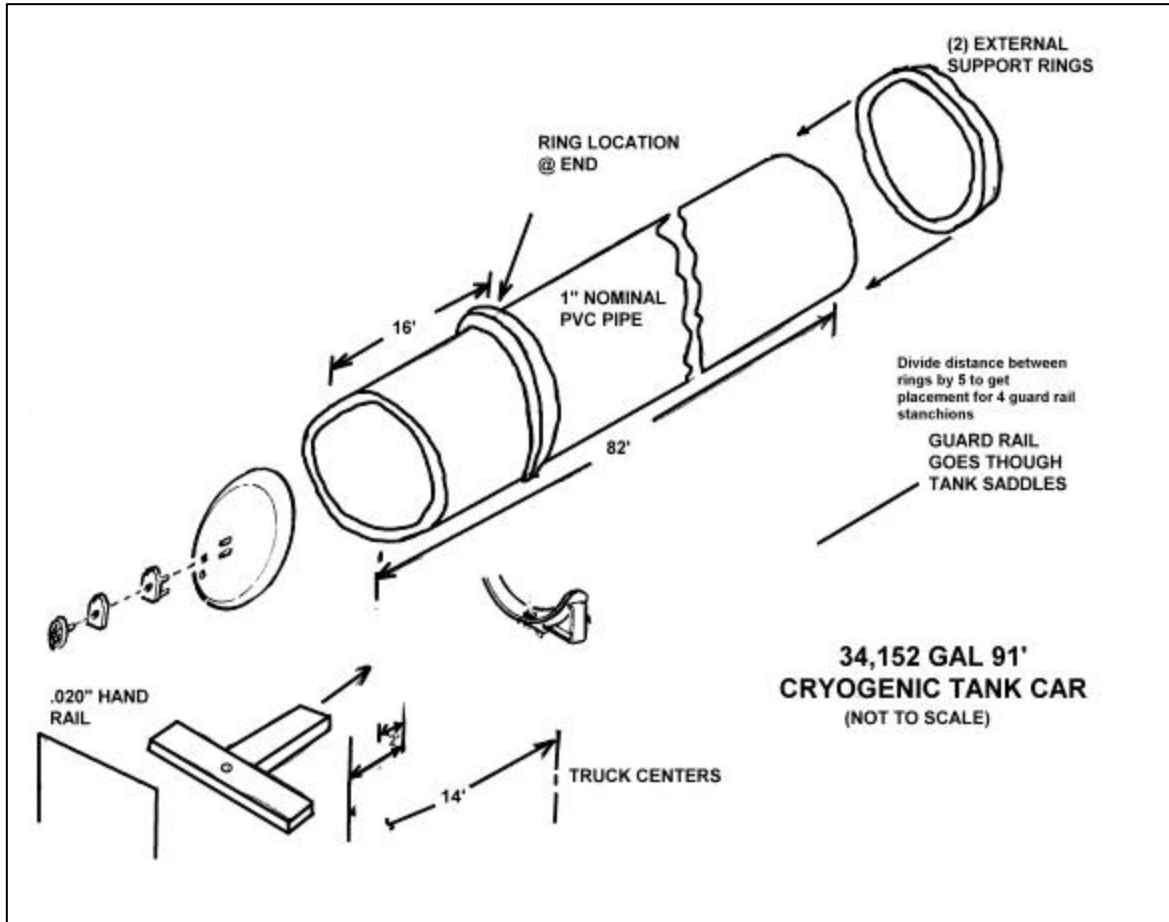
Gluing with ACC Cements – USE WITH CARE

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.

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.

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

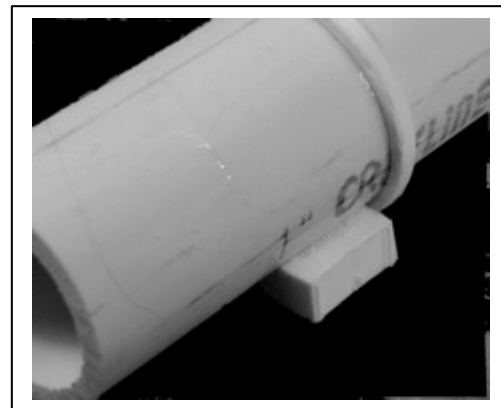


ASSEMBLY

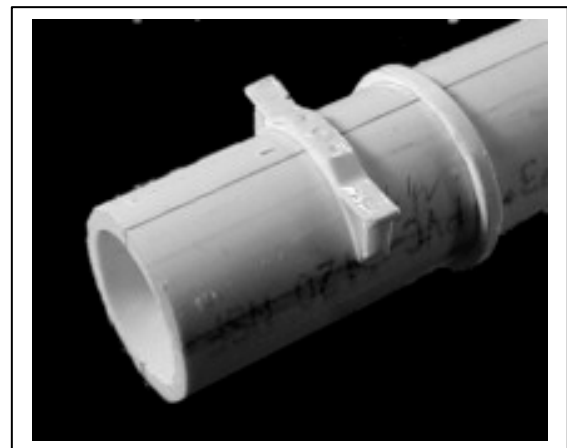
1 Position the two rings 16 scale feet from the end. Secure with ACC cement.



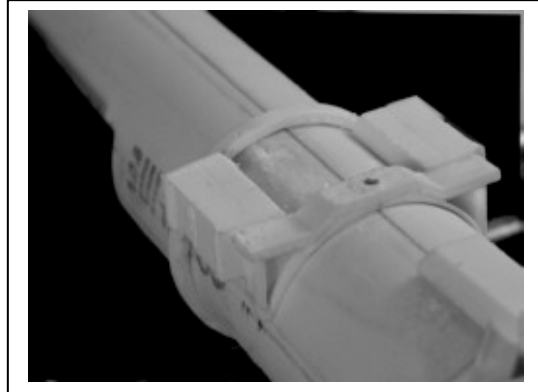
2 Place the Control Box (7) as shown and mark left end in the picture. Do not install yet.



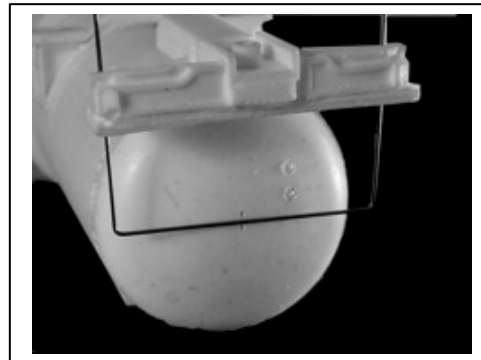
3 Position the Tank Saddle (3) as shown against the marks made in step two. Cement in place. Measure the distance the installed saddle is from the end and install the other saddle at the equivalent location at the other end. Make sure the saddles are parallel to each other. Now attach the high pressure ends. The "B" end (brake end) is installed at the end opposite the control boxes.



4 File the curved side of the Control Boxes so that the fronts are perpendicular to what will be the ground. Remove enough material in order get clearance from the wheels.



5 Add the decking to the end sills. Make a guard railing from .020" steel and install as shown in the End Sill (5). It will be necessary to drill with a .020" drill (#76). Using the guardrail as a guide, position it to touch the end of the tank then cement the bolster in place.



6 Measure the section between the rings and divide by four. Use that measurement for the spacing of the side guardrail stanchions. Use .020" music wire for the guardrail. Brake valve should be mounted on the "B" end platform. Brake reservoir per picture. The Placard mounts should be spaced around the car in conventional tank car fashion. The side placards should be mounted on the rightmost guardrail stanchion when viewing the car from the side..



7 The following shows the decal layout for the car.



PAINTING

. Use a lacquer based primer such as floquil.

- 1) If you followed the instructions for cleaning the parts before assembly, you are ready to paint. A primer such as Floquil's is recommended. Allow to dry overnight before proceeding with any of the color coats.

Overcoat entire car with Testor's Glosscoat prior to decaling.

DECALING

The decals provided are a very thin film decal film. Success with these decals depends on following these instructions.

- 1) Cut out the decal segment you are going to apply.
- 2) Dip the decal in warm water which has had 1 drop of DAWN kitchen detergent. Do not leave the decal to soak in the water.
- 3) Slide the decal directly onto the wetted surface with a small brush. Position with the brush. Remove excess water with a tissue.

NOTE: The glue used for the decal sheet is different than what has been used in the past. The water does not dissolve the glue. Water causes a chemical reaction causing an almost immediate release of the decal. For this reason once the decal has been wetted it must be used quickly. It cannot be re-wetted later for use.

- 4) Top coat the decals with Testor's Dullcote for best results.