

**Des Plaines Hobbies S Scale America**  
**1468 Lee St. Des Plaines, IL 60018**

**TEN THOUSAND GALLON TANK CAR (SCALE KIT)**  
**(DECORATED)**

- 1 TANK BODY (1)
- 1 TANK LOWER BODY (2)
- 1 FRAME (3)
- 4 STEPS (3a)
- 2 TANK SADDLES (3b)
- 1 UNDERFRAME (4)
- 2 END SILL (5)
- 2 COUPLER POCKET COVER (6)

- 4 PLACARD BOARDS (7)
- 1 BRAKE WHEEL (8)
- 1 BRAKE STAFF (9)
- 2 TRUCKS (10)
- 2 TRUCK MOUNTING SCREWS (11)
- 2 LADDERS (12)
- 2 HANDRAILS (13)
- 1 PACKAGE OF PLACARD SIGNS

1996 NMFA  
Long Beach  
Limited

**GENERAL ASSEMBLY**

Begin by sorting and identifying all the parts to insure that you have a complete kit. Any missing part will be replaced without charge. Separate all parts from the sprue. We use a Xuron flush ground side cutter. They give any almost perfect cut and really speed assembly. They are available in most larger hobby shops. Next remove any remaining flash and file smooth any parting gates. Liquid plastic cement (we use Testors) is used for most of the assembly. CA for the handrails and brake staff, and clear silicone for the tank.

**FRAME:** After removing the sprue and filing smooth, glue the underframe (4) to the frame (3). Make sure that the brake cylinder points toward the hand brake end (B end) of the car. Start gluing from one end and proceed to the other end. Next, mount the couplers (Kadee 802's) and glue pocket cover (6) into place. Now glue the end sill (5) into place. Install the tank saddles (3b). Then install the placard boards (7). Mount the brake wheel and staff. Follow with the four steps. They go into the holes at the corner of the frame.

**TRUCKS:** Remove any sprue and file smooth. Trim 1/32" from the ends of the sideframe mounting rods. The side frames snap together by pushing into the bolster. Do not try to break them apart because the lock end will break off! Then carefully pop the wheels in. Use a 2-56 tap and tap the two bolster holes for mounting the trucks. Install the trucks with the 2-56 screws provided.

**TANK:** Glue the lower tank body (2) to the upper tank body (1). Install the handrails. Put the ends of the rail into the holes. Then place the wire into the notches on the five stanchions. Use a small drop of CA glue on each one. We suggest you put a puddle of glue on a metal or plastic surface. Then using a plastic or metal toothpick size rod with a point on the end, place a drop of glue on each stanchion. Next mount the tank onto the deck. We use a clear silicone. We use Devcon, but most any clear silicone is fine. Place a little between the tank saddles. Then set the tank onto the pins and push down into the silicone. Next install the ladders (12). Insert the bottom pins of the ladder into the holes in the frame and lay the ladder against dome walkway (1c). Trim the ladder flush so that it sits under the walkway and against the handrails. Glue at the frame, handrails, and walkway. You are now ready to put this car into revenue service on your railroad.

