

Instructions for 50'D&R.G.W. 10' & 12' Door  
Kit Nos. 7510 and 7520

1. Sand roof to a smooth finish and prime with a good Lacquer base wood filler. Let dry for about 1/2 hour.
2. Nail and glue wood roof, floor and end blocks together, but be sure that end blocks are in the right position. The side that is not milled is the bottom. The top is milled and should be on the outside at roof. End should be assembled so that milled part fits with milled part on roof to form a recess. Make certain that body is square.
3. Cut out door opening in both sides, file square. Glue and pin sides in place to fit in between milled parts of both ends. Sides will have to be cut in length from both ends. When glue is dry, sand roof to a very smooth finish. Rubbing roof vigorously with a cloth will put a polish on roof, making the painted roof appear to be metal.
4. Cut four (4) small lengths of Z braces to same height as metal ends. Place ends on car and slide Z braces with wide part under end (see drawing), mark holes and drill #68 holes. Pin to car. The end eave is first cut to same contour as roof and then cut to proper width and pinned to body.
5. Pin metal roof ribs #3155 to roof as shown.
6. Glue wood angle on milled fishbelly center sill and glue to floor. Fasten metal bolsters #3027 to floor with wood screws (Flat Head). Make cross members from wood channel and glue to floor as shown. The four remaining cross members are made from 1/32" x 1/4" strip wood cut at an angle and glued in place.
7. Pin coupler pockets #3025 in place. Mark and drill all parts such as end ladders #3031, brake platform #3012, Ajax brake housing #3125H, brake wheel #3125A, roof walk supports #3014 and end placard boards which are made from flat wire and 1/8" x 1/32" strip wood as shown. All holes are drilled with a #70 drill including hand grab (#3009) holes.
8. Make roof walk from 1/8" x 1/32" strip wood and glue cross pieces 1/16" x 1/32" to line up with roof ribs. Glue onto roof. Pin on end walk platforms (castings). Drill #70 holes for roof hand grabs and attach.
9. Pin long Z braces #7521 at roof eaves as shown.
10. Before pinning door slides in place, glue a strip of 1/16" x 1/32" under door slides and drill thru strip wood to avoid splitting.
11. Cut strips from flat wire and drill with #72 drill. Pin on white lines on car sides as per drawing.
12. Pin on ladders #3031, car steps #3022 and hand grabs #3009S as per drawing.
13. Cut doors from scribed wood marked "doors" to proper width and height. Make sure that doors are high enough to fit in between door slides without falling out. Cut 1/16" x 1/32" strip wood and glue around doors as shown. There is no need to remove doors. That way strips will be in proper places. Bend door stops from flat wire, drill and pin to car sides.
14. Glue on three piece AB brake set as shown. Drawing shows brake rigging for those who wish more detail. Screw couplers in place. Paint rest of car Tucson Red. Matching paint is All-Nation's Tucson Red. Assemble trucks to car body and your car will be ready for a test run.