

8. **NOTE EXPLODED VIEWS OF THE ROOF:** There are two choices of the roof design. Materials have been included for either of these and you may make your own choice. According to the information available; Roof "A" Design is applied to the later versions of the car. Roof "B" is probably the more renowned and most seen version. **NOTE** from the plans where the measurements are taken from and apply the 1/16 Hat Sections. Carefully score the Hat Sections in the center bottom so they apply easily over the crest of the roof. Cut your choice of Roof Detail Pieces and score them in the same manner as the Hat Sections so they apply easily over the roof ridge. After these pieces have been cemented and dried, carefully sand all edges to form the final details of this unique roof as this adds much to the final car appearance and time spent here is not wasted.

9. Place the car on its side and construct the door mechanisms first. The mechanisms are formed from wire supplied and glued into place as indicated. **NOTE:** The upper door track is supplied as 1/8" Door Track and the lower door track is formed from 1/16x1/8" Stock. There are several door versions used on the various railroads and you may choose to model one of them, but the materials are not included for these other types door mechanisms.

10. The Side Ribs must be manufactured by using 1/32x3/32" Stock and 1/16x1/16" Square Stock. **NOTE** the two side ribs in the path of the door opening are not covered with the 1/16x1/16 stock. It is suggested that you lay out the 1/32x3/32 stock full length (we have cut this approximately 10" in length). Apply the glue to one side of the 1/16" stock and apply over the 1/32x3/32 stock leaving equal space on each side. This will form a "Hat Section" type rib. After you have made up enough of these, cut them to length – taper the 1/16 stock about 1/16 to 1/8" from the end and glue them in place on the sides.

11. Small Details are added next such as destination boards, fuel gauges, door handles for the diesel engine section and a door slide for this section. Sufficient ladder stock is supplied to make either full length or 4 rung ladders (later versions have only 4 rung ladders). Mount the steps and grab irons.

12. Since there are no available castings in S to use for the ends, we are supplying Stewart S-103 Dreadnaught Ends. These ends are slightly underwidth and underheight, but with some modifications will work fine. You may elect to leave the cast on plugs on the backs or you may cut them off. Just above the top of the ladder, draw a line from side to side (Make sure that this line is squared) and cut off the top portion of the casting with a razor saw. File the back edges of the sides so the casting will lay flat when glued on to the end blocks. If you noted in the Top View of the drawing – the sides slightly overlap the ends, and after the ends are glued in place slightly rounded off. Now fashion a piece from 1/16" stock to fill in the remainder of the top from the casting to the top of the roof line and glue this in place. Fill the crack with sealer so this will be unnoticeable when painted. If you have elected to use the long ladders and roofwalk of the earlier models, then apply the brake stand and brake wheel as indicated on the End View. If you elect the 4 rung ladder version, carefully file off the additional rungs of the end casting and place your brake wheel and mounting accordingly. Drill small holes into the casting and end blocks to accept small pieces of scrap wire which form the structure to hold the cross walk over the coupler pockets.

13. Make a diesel exhaust stack and mount on the roof according to the Top View. Install coupler release bars, air hoses and any other details that you may wish to place on your model. Your Reefer is now ready for the Paint Shop. Color Scheme is: Orange sides and roof – Black ends and underbody and trucks.

14. Using the prototype photo on the front of the instructions – letter your model with the enclosed decals. Suggest you use a Decal Solvent in applying these decals to insure a snug fit. After your model is finished, you may elect to use a decal dulling paint and weathering. Mount your favorite trucks and couplers and your Reefer is ready for revenue service.

We hope you have enjoyed this kit. If there are parts missing or other questions, feel free to write and we will do our best to help.

If you like the kit – tell EVERYBODY; if you do not like it – tell us. . .