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HO Scale Bi-Level Auto Rack Door Operating Instructions Item Numbers 45251-452XX

The end door assemblies for the InterMountain Railway Co., HO Scale Bi-Level Auto Rack are designed to be positioned as closed or as open. The fully assembled model is produced with the end doors in the closed position. Due to manufacturing assembly processing, often the end doors are difficult to open. The following procedure can be followed to slide the doors into the open position. Note that some friction within the slides assists keeping the end doors in the closed position during operation of the cars on the layout.

Step 1. Remove the doors from the end of the car. Note the end door does not pivot on a hinge. Rather the door is set into, and follows, curved slides near the top and at the bottom of the door. Slide one door toward the center of the end. It is best to jog the top of the door, then the bottom of the door, and repeat the process until the door leaves the slides. A #11 X-Acto blade, or possibly a tooth pick would be good for this. The center edge will track a bit into the car body. Tuck the top of the door behind the small stop tab in the end of the roof. When the door separates from the slides, it can be removed.



Step 2. Remove the other door, in similar manner.

Step 3. Examine the mating edges of the slides, both on the door and on the car. Remove any flash or adhesive residue from the surfaces of the slides by gently scraping with the X-Acto blade, or with fine sand paper.

Application of a lubricant to the slides is optional. An appropriate lubricant is Labelle #0430-134 Micro Powdered PTFE® Dry Lubricant. An alternate lubricant would be Labelle #0430-112 Coupler Lubricant with PTFE®. However, apply Labelle #0430-112 sparingly because it is an oil.

Step 4. Re-attach one door. Position the edge of the door partly inside the car body, align the bottom slide, then align the top slide. Slide the door into the open position by jogging it top-to-bottom-to-top-, etc.



Step 5. Re-attach the other door to its open position in the same manner as Step 4.

Step 6. The end doors can now be closed by reverse sliding them with the similar jogging procedure.