

How to Guide for restringing the RailKing American crane.

The RailKing American crane is medium size maintenance of way crane. It allows for adjustment of the main hook position and the elevation of the boom.

Features

Intricately Detailed Durable ABS Body

Metal Wheels and Axles

Die-Cast 4-Wheel Trucks

Operating Die-Cast Metal Couplers

Colorful, Attractive Paint Schemes

Decorative Brake Wheels

Fast-Angle Wheel Sets

Needle-Point Axles

Manually Operated Crane Hook & Boom

Unit Measures: 17 5/8" x 2 5/8" x 4"

Operates On O-31 Curves



The RailKing #30-79238 CSX crane is shown.

How to restring the boom cables

If the boom stringing (cables) becomes tangled or loosen from the various sheaves there is a straightforward method for restoring the various boom cables. (Illustrations follow)

Note: The instruction manual furnished with the RailKing crane may be helpful as a general guide to restringing the boom. This guide is also available by downloading from the MTH website. The method described in this document is an alternate technique for restringing the boom. This method assumes that the sheaves on the snatch block have become separated or the cables have come loose and are incorrectly placed over the sheaves.

Step 1.

Temporarily install the small plastic “chock” furnished with the crane. Then attach the cable that adjusts the hook position. When in place over the sheave adjust the length by operating the hook take up (see cranking tool) as shown. Then use a piece of masking tape to temporarily attach the cable to the boom.

Step 2.

The “snatch block” can be temporarily disassembled by gently pulling the sheaves apart. When the sheaves are separated temporarily remove the cables from the “boom block assembly”. These cables will be restored later. Carefully reassemble the snatch block assembly.

Step 3:

Next restore the cables (loops) from the snatch block to the top of the boom. These are threaded over the sheaves at the top of the boom. The PDF diagrams that are attached show how the cables are installed around the sheaves. Then use a piece of masking tape to temporarily attach these cables to the top of the boom.

Step 4:

Now thread 2 loops coming from the boom block assembly over the outer sheaves on the snatch block. Ensure that the cable loops are not crossed. The PDF diagrams that are attached show how the cables are installed around the sheaves.

Note: There are two additional sets of loops on each side that will eventually be formed and connected between the boom block assembly and the snatch block assembly.

Step 5:

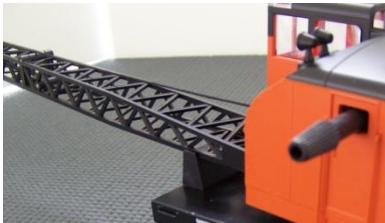
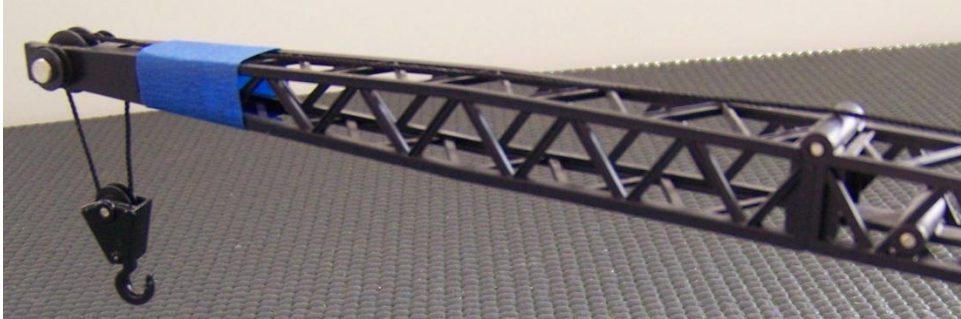
Now form two additional loops coming from the boom block assembly. The illustrations show how these loops are placed around the various sheaves. Next gently pull the sheaves apart on the “snatch block” and place the remaining two loops coming from boom block assembly over the inner sheaves and then reassemble the snatch block assembly. Ensure that the cable loops are not crossed.

How to Restrung the RailKing American Crane

Step 6:

Remove the 'chock' and the masking tape. Adjust the tension on the boom support by operating the cranking tool.

How to Restraining the RailKing American Crane



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