



CONSTRUCTION

Begin by making up the following sub-assemblies: side sills (2), bed (1), and hood ends (4). The $\frac{3}{32}$ dimension on the side sills is critical.

The car body should be assembled in the following order: bed, under-frame, side sills, top-side details and, finally, grab-irons and miscellaneous hardware.

The hoods are to be made separately. Assembly will be simplified by using the temporary assembly blocks supplied in the kit.

As with all kits, trucks and couplers are left to the builder's choice.

In case a part is defective or missing, or if you spoil a part, send to Northeastern Scale Models, Inc., Harland Vale, Mass. 01810 for free replacement. Mention "Cushion Coil Car" when making such request.

The Cushion Coil Car, built by the Evans Products Co., is a special purpose car, designed to transport coils of sheet metal. Considering that these coils measure up to 84" in diameter and steel weighs almost 500 lbs. per cubic foot, the need for heavy construction is evident. In keeping with current design trends the weight of the loading is carried to the bolsters through the massive side sills leaving the relatively light center sill to mostly carry the pulling loads.

The center sill is in two sections, one solidly attached to the car body and the other able to slide longitudinally to take up pulling shocks. This sliding motion is controlled and snubbed by an ingenious friction plate mechanism which is automatically controlled by a hydraulic cylinder known under the trade name "Hydra-Cushion".

Another feature of this car is the removable and stackable steel covers which protect the loading from the elements. In our model these may be made removable as in the prototype.

The development of this HO gauge kit was made possible by the cooperation of Evans Products Co., who supplied factory blueprints and photographs of the prototype.

This kit was designed and made by Northeastern Scale Models, Inc.

R&O CUSHION COIL CAR.

NORTHEASTERN SCALE MODELS, INC.
 BOX 425
 METHUEN, MASS. 01844

BED $5\frac{1}{32} \times 1\frac{5}{16} \times 6\frac{5}{16}$