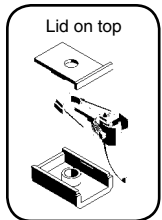


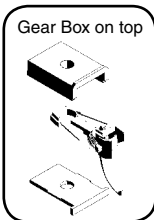


#242 “Snap-Together” Draft Gear Box

CONTENTS: 20 ea Draft Gear Boxes & lids



This HO scale draft gear box is designed primarily for the #148 “Whisker” Coupler. The lid is designed to “snap” into place and hold the assembly together without the use of glue. This box may also be used for the #5, #58, #118, 20 and 40 series couplers.



The box is designed to be mounted using a 2-56 machine screw or a 2 mm metric screw, other styles of #2 screws are also suitable, depending on the material of the mounting platform.

Where possible, we recommend that the box be assembled with the lid on top and the box portion on the bottom.

Simply set the #148 coupler over the post in the box and make sure the wire whisker springs are inside the box where the lid will not catch them in the seam. A note of caution: the ends of the wire can be a bit sharp and will protrude past the end of the box so care must be taken not to poke yourself.

Set the lid onto the box where one side is set in position against the wall of the box. Gently press the other side down until it “snaps” into place. You can remove the lid by simply lifting on the front until it pops up.

We highly recommend using our #205 coupler height gauge to make sure all of your couplers are at the “same” correct height.

Regardless of the particular model you are working on and the material it’s made of the basics of coupler mounting remain the same. To use a separate draft gear box you need to have a level platform and preferably to be able to drill a hole for an appropriate screw. You can use the box as a screw location template when you need to drill a hole. Set it along the centerline with the lip of the striker plate against the end sill and mark the platform through the hole of the box. Or, you can measure back from the end sill .200” and mark the platform on the centerline for the hole. Glue is an absolute last resort for mounting couplers but if you must, use a liquid styrene cement or appropriate CA type of glue.

When using the #5 type of centering spring make sure you always assemble the coupler with the spring on the top of the coupler.

Follow any Kadee coupler instructions for additional information and operational assistance.



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