

BACHMANN**USRA 0-6-0 SWITCHER****Pilot #34 Coupler and Tender #33 Coupler**

PILOT: Note that the pilot is rather flexible and to be careful when handling the locomotive.

Assemble the #34 coupler with the spring side of the draft gear box on the bottom of the coupler and without a lid on top. The shank of the coupler will be against the platform surface.

Cut the dummy coupler off just in front of the pocket. Trim or file the coupler pocket from the bottom upwards until the upper portion is about .095" thick (about half). Trim a large enough area so the hole of the draft gear box is centered at the intersection of the underframe and cross beam (see the illustrations). Be sure to keep the platform as smooth and level as possible. Place the draft gear box on the platform and mark the surface through the hole. Drill and tap a hole through the platform for a 2-56 screw (plastic 2-56 screws are included with the coupler package).

Mount the assembled coupler to the platform with a 2-56 screw. If you used the plastic screws they are easy to trim off to the upper surface of the pilot platform.

TENDER: Assemble the #33 coupler as the above coupler for the pilot. Remove the rear truck from the tender by simply pulling on it. It has a split snap in pin. Remove the original coupler.

Trim off the center post from the inside of the coupler pocket. Drill and tap the hole for a 2-56 screw. Trim or file the side walls at an angle to match the draft gear box of the #33 coupler. Trim just enough so the draft gear box will fit snug over the hole. Trim the tips of the front corners so the two posts at the front of the draft gear box will fit over the edge and the box will be flat in the pocket. Secure the coupler assembly with the plastic screw from the coupler package and trim it flush with the top of the raised boss on top of the pocket.

Check both couplers for the correct height, function, and clearance then make any necessary adjustments.