

AHM (RIVAROSSİ)

0-8-0 SWITCHER

#38 Coupler conversion

Pilot:

1. Enlarge the coupler pocket to fit the #30 series draft gear box. Cut or file the sides over to the inside braces of the steps and remove the bottom section of the pocket, leaving the upper lip intact.
2. Assemble the #38 coupler according to its instructions with the spring side of the draft gear box on the bottom of the coupler and the lid on top. Fit the coupler into the pocket and check for clearance. Make sure it fits flush and level with the upper surface.
3. Slide the coupler assembly back against the protruding post, or measure 1/4" (.250") back from the end of the upper lip of the pocket.
4. Make sure the coupler is on the centerline and mark the platform through the hole of the coupler. Use a #50 drill and drill and tap a hole through the platform for a 2-56 screw.
5. Place the coupler into the pocket and secure with a plastic screw included with the coupler package and trim flush with the top of the platform.

Tender:

6. Remove the rear truck. Cut off the coupler pocket from the truck frame where it connects with the center bolster.
7. A shim will need to be made to mount the coupler onto. Use a piece of .040" thick styrene shim stock and cut a piece .200" x .470". Glue it to the floor behind the edge, it should be level with the small raised area. Next from a piece of .060" styrene stock, cut a piece .390" x .470" and glue it to the other shim and raised area. This should be level with the edge of the body. Measure back from the edge of the body and along the centerline 1/4" (.250"). Use a #50 drill and drill and tap a hole through the platform for a 2-56 screw.
8. Assemble the #38 coupler as above and place it on the raised platform and secure it with a 2-56 screw.
9. Check for correct coupler height, function, and clearance and make any adjustments necessary.
10. Replace the truck and be sure and note to make sure the insulated side of the wheels are the same as the forward truck. If the bolster screw on the truck will not "catch the threads", you may have to remove the body. Use a thin screwdriver to pry the rear of the body over the tab and then slide the floor rearward from under the coupling pin at the front. Reattach the truck, the screw should be through the electrical pickup plate and tightened just snug enough to allow the free movement of the truck. Reassemble body in reverse order. Make sure the electrical pickup tab from the coupling pin is against the forward truck's inside plate.

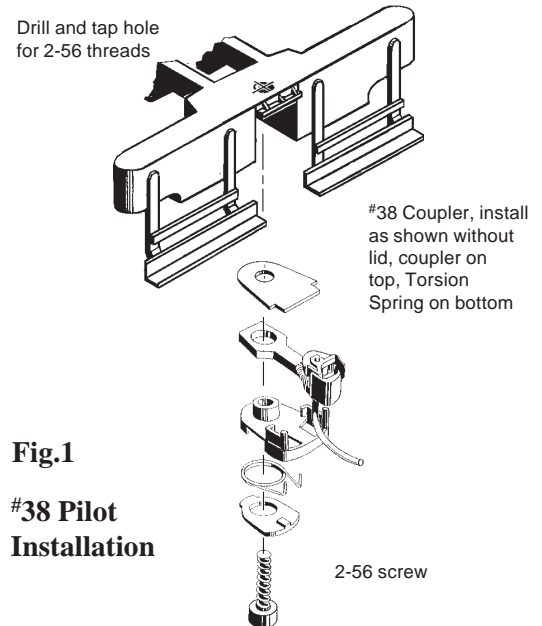


Fig.1

#38 Pilot Installation

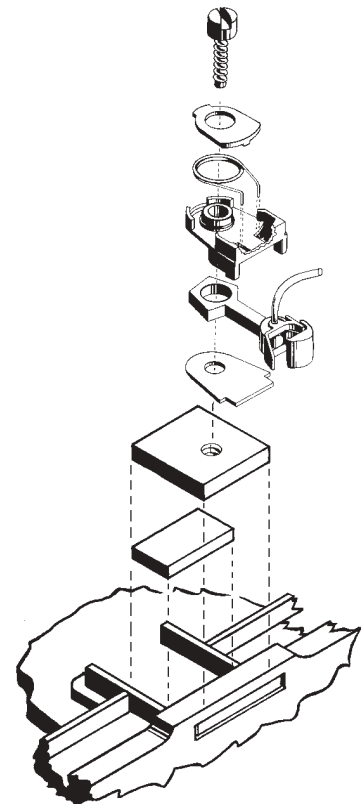


Fig.2

#38 Tender Installation