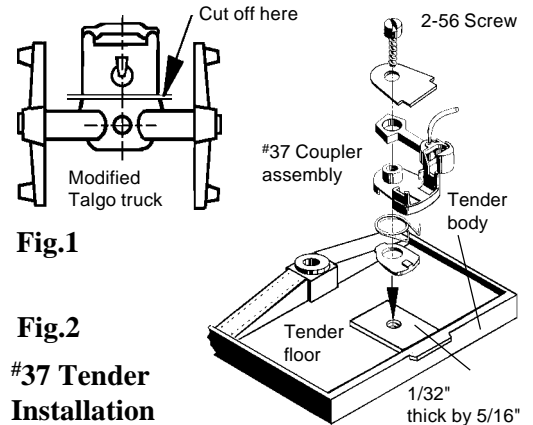


# AHM (RIVAROSSO)

# 0-4-0 SWITCHER WITH TENDER

## #37 PILOT AND TENDER COUPLER CONVERSION

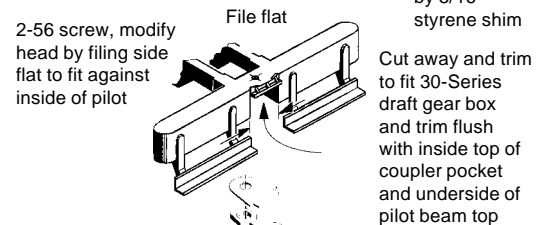
1. Cut off existing coupler from rear truck of tender, as shown in Fig.1.
2. Make a shim from 1/32" thick styrene by 5/16" wide and long. Glue exactly along centerline and flush with rear end of tender floor, just touching inside bottom of the shell.
3. When glue is dry, drill and tap a 2-56 coupler mounting hole 1/4" from the end of bottom edge of the shell and on centerline.
4. Assemble the #37 Coupler as shown in Fig.2 and install and secure with a 2-56 screw trimmed to appropriate length.
5. To mount #37 Coupler to pilot, you will need to modify loco coupler pocket opening slightly to fit the width of the 30-Series Draft Gear Box, and trim top of opening flush with bottom of inside of pilot beam. Hold #37 Coupler assembly together by using an acetal plastic 2-56 screw modified with one side filed flat and inserted from the top of Draft Gear Box and a 2-56 nut on the bottom. Place coupler assembly from the bottom into coupler pocket opening so that the filed side of the screw head is snug against the back of the pilot beam and the Draft Gear Box is pressed against the inside top of the coupler pocket assembly. Align with centerline of loco and glue in place.
6. Check for correct coupler height, function, and clearance and make any adjustments necessary.



**Fig.1**

**Fig.2**

## #37 Tender Installation



**Fig.3**

## #37 Pilot Installation

