

# ATHEARN

# ALCO PA-1 AND PB-1

## #27 COUPLER CONVERSION

## OR #37 COUPLER CONVERSION FOR CLOSE COUPLING

### Standard mounting using Athearn draft gear box and lid:

1. Remove the existing couplers. Use the #27 Coupler with centering spring only. Place coupler, with spring on top, over the centerpost. Replace lid and snap into place, see Fig.1.

### Close coupling with modifications for rear of "A" & both ends of "B" Unit:

2. Modify the existing coupler mounting bracket assembly by first removing existing coupler and lid, discard both. Cut off front half of bracket 7/16" from front edge, (just behind coupler pocket). Measure 3/8" from the cut off end and file down this area to a thickness of .050". See Fig. 2.

3. Drill and tap a 2-56 coupler mounting hole located 7/32" from cut off end and on bracket centerline. Assemble #37 Coupler as shown in Fig. 3 with coupler on top, spring on bottom. Install #37 Coupler on bottom side of bracket, align and secure with 2-56 screw from below.

4. Check for correct coupler height, function, and clearance and make any adjustments necessary.

