

ATHEARN

EMD DD 40X

#38 COUPLER CONVERSION

1. Remove the existing couplers and discard. Modify both coupler pockets by filing off lip at side until it is flush with coupler pocket side. See Fig. 1.
2. Drill out the Athearn coupler centerpost and tap for 2-56 threads. This may be best accomplished by carefully center punching the centerpost and drilling a 1/32" pilot hole. Then cut off centerpost flush with inside pocket surface and smooth with file. Now drill out hole with a #50 drill and tap hole for 2-56 threads. See Figs. 1 and 2.
3. Assemble #38 Coupler without lid, with Coupler on top and Torsion Spring on bottom as shown in Fig. 2. Install #38 Coupler, align and secure Coupler with 2-56 by 1/4" screw.
4. You may need to widen pilot coupler opening to fit a 30-Series Draft Gear Box by filing sides and top just a little. The opening should be filed at the top until shell does not ride on, or press down on, box.
5. It may also be necessary to tighten the end tabs on the truck frame by bending in carefully. This should prevent coupler box from drooping. See Fig. 3.
6. Check for correct coupler height, function, and clearance and make any adjustments necessary.

