

AHM (RIVAROSSO)

EMD GP-18

#21 TRUCK MOUNTED COUPLER CONVERSION

1. Remove loco shell and truck assemblies from chassis (leave wires attached) by following manufacturers instructions. Remove truck sideframes from truck gear box assembly. Cut off AHM coupler pocket extension flush with end of frame. See Fig.1.
2. Drill and tap a 2-56 hole, on centerline, in truck coupler gear box platform, 5/64" from end, see Fig.3.
3. Make an offset plastic coupler spacer with two shims glued together and drill a #43 clearance hole as per Fig.2.
4. Reassemble truck sideframes and gear box assemblies. Make sure wheels and bronze wipers are correctly installed. Place coupler spacer on top of coupler platform and slide back so it wedges between truck sideframe and coupler platform. This will help hold side frame rigid.
5. Assemble #21 Coupler and install on truck with 2-56 by 1/4" screw, placed through coupler spacer and screwed into 2-56 tapped hole on coupler platform. See Fig.3. Be sure coupler is aligned properly.
6. Reassemble trucks to underframe. Check for correct coupler height, function, and clearance and make any adjustments necessary.

