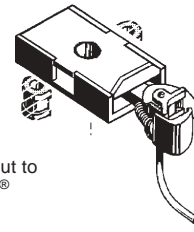


VARNEY**EMD SW-1 (NW-1)****No.5® COUPLER CONVERSION**

1. Remove front and end parts by drilling out rivets in coupler box. Clean out coupler box, remove burrs and make sure all surfaces are smooth and flat.
2. Assemble the No.5® Coupler with Centering Spring on top. Glue assembly together with a plastic compatible cement applied along seams sparingly. After glue has dried, modify No.5® Box by cutting off side mounting lugs flush with side surfaces. See Fig.1.
3. Reassemble loco and mount modified No.5® Coupler assembly to loco with 1" long 2-56 screw and 2-56 nut. Do not over tighten. Use a small dab of glue to hold nut.
4. Check for correct coupler height, function, and clearance and make any adjustments necessary.

Modify No.5® Draft Gear Box and Lid by cutting off side mounting lugs flush with sides



Use a 1" long 2-56 screw with a 2-56 nut to install modified No.5® Coupler

Fig.1**No.5® Installation**