

# LIFE-LIKE PROTO 2000

We recommend drilling and tapping a mounting hole to secure couplers with a screw. The second alternative utilizes the plastic clip furnished with the locomotives.

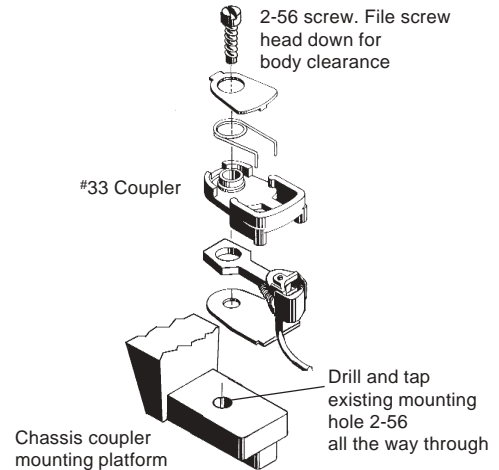
## #33 COUPLER CONVERSION

1. Remove the chassis from the shell, spread the side wall of the plastic coupler clip and remove it and the coupler.
2. Drill and tap a 2-56 hole all the way through the existing hole in the coupler mounting platform. File off the burrs smooth and flat.
3. Assemble the #33 Coupler per instructions with the Torsion Spring on top, Lid on bottom. Secure to mounting pad with a 2-56 screw of appropriate length. See Fig.1.
4. It may be necessary to file screw head down for body clearance.

## #23 COUPLER CONVERSION

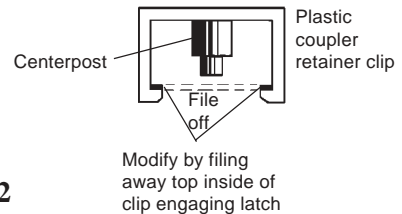
1. Remove the chassis from the shell. Remove the clip by spreading the sidewalls.
2. It will be necessary to modify the coupler retaining clip by filing the clips engaging latch projection on the inside edge just enough to allow clearance for the #23 Coupler to swing freely as shown in Fig. 2.
3. With the plastic clip held upside down, place the Centering Spring over the clip centerpost. Next place the #23 Coupler over the centering post on top of the spring with the shank end of the Coupler between the spring legs.
4. Place clip over mounting platform aligning centerpost with hole and snap clip into place. Check for freedom of movement.
5. Check for correct coupler height, function, and clearance and make any adjustments necessary.

# EMD SD 7



**Fig. 1**

## #33 Installation



**Fig. 2**

## #23 Installation