

#34 PILOT AND TENDER COUPLER CONVERSION

1. To mount #34 Coupler to pilot, you will need to modify loco coupler pocket opening slightly to fit the width of the 30-Series Draft Gear Box and trim opening top flush with bottom of inside of pilot beam. Drill and tap existing hole for 2-56 threads. Hold #34 coupler assembly together by using a tiny amount of glue placed along seams only. Place coupler assembly from the bottom into trimmed coupler pocket opening. Place 2-56 acetal plastic screw through coupler assembly into hole and tighten until snug against the pilot deck. Trim off screw flush with top of deck. See Fig.1.
2. Cut off existing coupler from rear truck of tender, as shown in Fig.2.
3. Make a shim from 1/8" thick styrene by 3/8" wide and long. Glue along tender centerline and flush with back end of tender touching the inside of the tender shell.
4. When glue is dry, drill and tap a 2-56 coupler mounting hole 1/4" from outside face of bottom edge of tender shell and on centerline.
5. Assemble the #34 Coupler with spring on bottom and lid on the top of the coupler. Install and secure with a 2-56 screw trimmed to appropriate length.
6. Check for correct coupler height, function, and clearance and make any adjustments necessary.

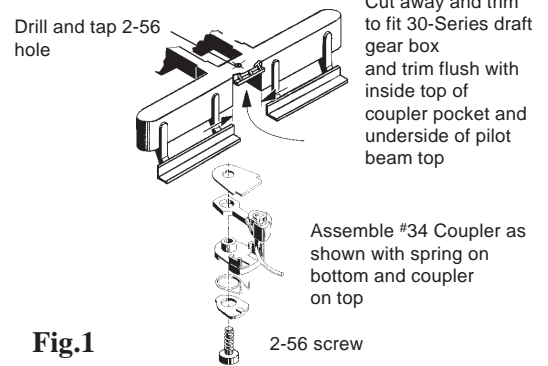


Fig.1

#34 Pilot Installation

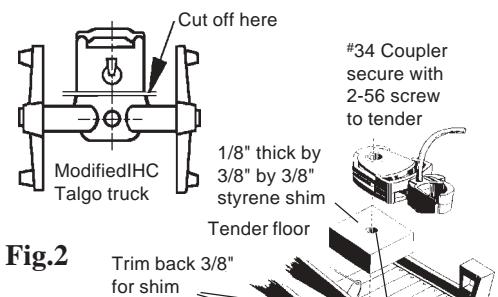


Fig.2

Fig.3 #34 Slope Tender Installation

