

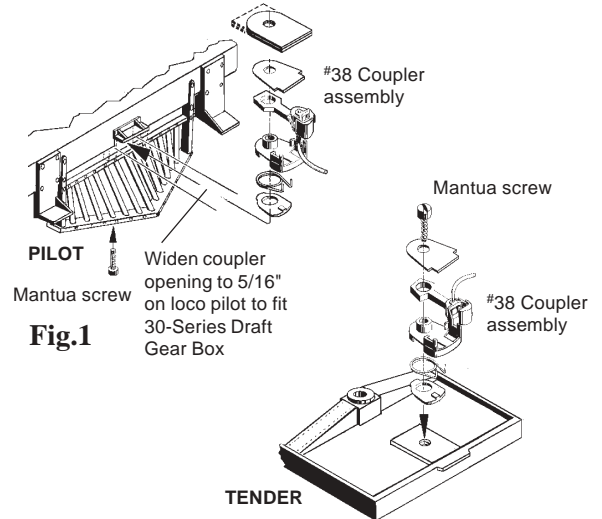
MANTUA

2-8-2 MIKADO

#38 COUPLER CONVERSION

1. Remove existing couplers, save screws.
2. For pilot: Check pilot coupler opening with 30-Series Draft Gear Box. If not wide enough, remove material equally from both sides until opening is 5/16" wide.
3. With loco on itsback, slide .025" shim into coupler opening from the front and align holes. Assemble the #38 Coupler with Torsion Spring on bottom and Coupler on top. Install the #38 Coupler by sliding assembly into coupler opening from the front of the pilot with shim on top. Align holes and secure with Mantua screw. See Fig.1.
4. For tender: Assemble #38 Coupler with Torsion Spring on top and coupler on bottom. Install 30-Series Coupler onto tender from below and secure with Mantua screw.
5. Check for correct coupler height, function, and clearance and make any adjustments necessary.

.025" thick shim, round back to match 30-Series Box.
Place on top of 30-Series Box



#38 Installation

Fig.2