

AHM (RIVAROSSO)

4-6-0 CASEY JONES

#38 coupler truck mount

It is not recommended to alter the pilot to attach a coupler.

TENDER: Remove the existing coupler, pull firmly straight out. Remove the truck from the underframe. Do not loose the washer or screw. Carefully slip the electrical wiper out of the truck. Remove the wheelset over the coupler pocket.

Assemble the #38 coupler according to its instructions with the spring side of the draft gear box under the coupler and the lid on top. Remove the "T" shaped post in the pocket and file the inside of the upper plate smooth. Enlarge the pocket opening by filing the inside of the forward cross piece of the pocket until the coupler slips in and sets level with the top of the pocket. Measure along the centerline back from the front edge .100". Drill and tap a 2-56 hole (#50 drill) through the upper plate. Slip the coupler into the pocket and secure with a plastic 2-56 screw. Trim the screw flush with the top of the plate. Replace the wheelset and check if the head of the screw is against the axle. If so, file the head of the screw enough so that it doesn't touch the axle and the blade of the wiper slips between them.

Check for correct coupler height, function, and clearance and make any adjustments necessary.

Reassemble the truck. Note the location of the washer and electrical wiper. Also note that the insulated side of the wheels match and are on the same side as the forward truck.

If the coupler knuckle head hits the molded-on coupler pocket lip at the edge of the body, simply cut the lip off flush with the edge.

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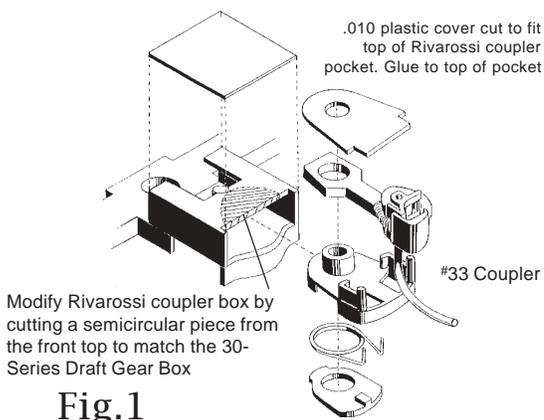


Fig.1