

RIVAROSSİ (POST 1993)**HEISLER TWO AND THREE TRUCK****#32 BODY MOUNTING COUPLER CONVERSION****Front (pilot):**

1. Invert locomotive, remove the screw from the cover plate on the bottom of the truck. Lift off the coverplate, wheels, and brake bolster, keep these in safe place. Remove the coupler by carefully filing off the rivet from the bottom until the rivet can be pushed through the plate.

2. Enlarge the coupler pocket by cutting or filing the tin section in both the inside and outside crossbeams of the end sill. On the outside beam cut only down to the surface of the upper lip of the pocket. Do not remove any material from the upper surface. On the inside beam cut down to the floor smooth this area to back of the outside beam.

3. Make a shim (platform) for .040" thick styrene sheet stock (found in most hobby and/or craft stores) .250" (1/4") x .250" (1/4"). Place shim on floor behind and against the back of outside beam. Make sure it is level and the same height as the surface of the lip (sometimes an additional .010" shim is needed). Cement the shim in place with a solvent cement.

4. Assemble the #32 coupler according to its instructions with the spring side of the draft gear box on the top of the coupler and the lid on the bottom. Place the assembled coupler on the platform. Move it until the trip pin has plenty of clearance in front of the step and the front of the gear box is slightly in front of the pocket lip. The back of the gear box should be near the back edge of the platform. Make sure it is along the centerline of the loco. Mark the platform through the hole. Use a #50 drill and drill and tap a hole through the platform for a 2-56 screw. Secure the coupler to the platform with the provided 2-56 plastic screw and trim it off flush with the top of the platform.

5. Reassemble the truck and make sure the gears are indexed together correctly.

Rear (tender end):

1. Disassemble the rear truck and remove the coupler as mentioned above.

2. Enlarge the coupler pocket by cutting or filing the tin section of crossbeam (sill) down to the surface of the upper lip. Do not remove by cutting or filing the tin section of the crossbeam (sill) down to the surface of the upper lip. Do not remove any material from the upper lip, same as the front pocket.

3. Make a small shim from .040" thick styrene stock .250" (1/4") wide by .210" (7/32"). Place it on the floor between the sill and the screw that's in the floor. Make sure it is level with the surface of the upper lip. Cement it in place with a solvent cement.

4. Assemble the coupler as the other above. Place it on the platform and adjust it so the trip pin has plenty of clearance and the front of the gearbox is slightly past the lip. The rear of the box will cover a portion of the screw. Mark the platform through the hole (along the centerline), it should be just in front of the screw and at the edge of the shim. Drill and tap a hole, the same as above, through the platform and floor. The hole may cut open the edge of the shim.

Secure the coupler with a 2-56 screw. Reassemble the truck as above.

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

Cement an .040" thick shim .250" x .250" placed on the floor behind pocket. Drill and tap a 2-56 hole through the shim and platform

