

BACHMANN

Shay Locomotive

#789 or #835 'G' Scale
#1789 or #1835 #1 Scale

1. Remove the pin from the Shay's coupler pocket, you may need to tap it with a punch to get it started.
2. Remove the coupler pocket from the locomotive.
3. Remove the original truck mounted coupler.
4. Remove the coupler mounting from the truck.
5. Drill a new mounting hole the same size as the original in the center of the top section of the coupler pocket. Using the new hole, reattach the pocket to the locomotive.
6. Using a Kadee® #835 draft gear box, or similar box, drill the centerpost hole out with a 1/8th inch drill. Cut the post out of the box as flush and straight to the flat surface as possible, thus making a bushing.
7. Use a #789 or a #835 "G" gauge coupler, #1789 or #1835 for #1 Scale, (same coupler with different draft gear boxes) and insert the bushing into the pivot hole of the shank.
8. Place the coupler and bushing into the Shay's bottom pocket and slip the pin down through the coupler.
9. Use two #860 "G" Scale knuckle springs as the centering springs. Turn the coupler to one side and insert a spring, then do the same on the other side.
10. If you need to assemble the coupler with the pocket off of the locomotive you will not be able to use a center mounting hole. You will need to drill two new mounting holes in the top section of the pocket along with new holes in the locomotive, as illustrated.
11. Using the shelf pocket on the end sill may limit the locomotive to 8 foot diameter (4 foot radius) track. You may have to use a #831/1831 on the truck mount to negotiate tighter (smaller) track.

