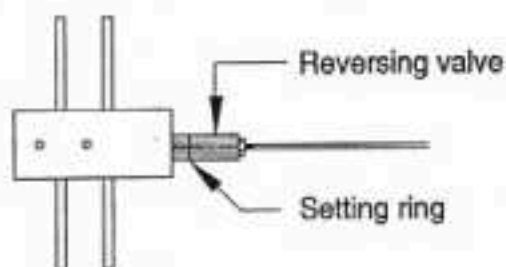


Setting the reversing valve (Ruby Live Steam)

Technical Note 2.01

If your Ruby runs better in one direction than the other, it is possible that the reversing valve needs adjusting. This is a simple procedure if you follow the directions below:

1. To ascertain if the valve is indeed out of adjustment, first put the engine in reverse gear (reversing lever pulled toward the back). Turn the engine upside down and find the setting ring on the reversing valve (see diagram below). This is a very thin ring scribed into the valve.

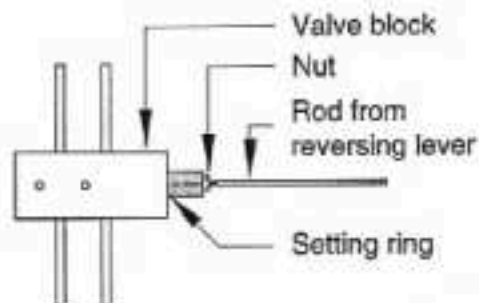


Reverse gear

simple matter. Undo the retaining nut on the rod from the reversing lever and screw the valve in or out as need be, checking the alignment of the setting ring with the valve block as you do. When the setting ring just touches the valve block when the engine is in forward gear, tighten the nut to prevent the valve from further movement. The locomotive should now perform equally well in both directions. If it does not, please contact us.

2. Put the engine in forward gear. If the valve is properly adjusted, the setting ring should be exactly flush with the edge of the valve block. If you find that the valve is properly set and the engine still does not perform properly, something else is the cause of the problem and you may have to return the locomotive to us.

3. If the valve is out of adjustment (i.e., the setting ring does not just touch the valve block, or it travels into the valve block), resetting it is a



Forward gear