

# MODERNIZING YOUR BUS CONVERSION'S Water System (Part 3 of 3)



by Jerry Work

**Editor's Note:** In the first two parts of this article series, we learned about two water filter systems you should seriously consider purchasing. In this part, we will learn about water softeners and the benefits you will gain by using one.

Now let's talk a bit about water softening.

A water softener removes minerals from water; that means cleaner laundry, longer life for water-using appliances, and less mineral buildup on plumbing fixtures. Hard water also makes it tougher to build a lather of soap and shampoo. Soft water can mean using less soap and shampoo, meaning you can buy fancy shampoo and not feel so bad about it. But the main concern for some people is limescale can build up inside pipes and begin to clog them over time making your faucets and shower flow very slow over time.

Water Softening is most usually done by passing hard water through a tank holding beads of an ion exchange resin. The calcium and magnesium in the water are absorbed by the ion exchange resin beads so the water

exiting the water softener is softer (has less calcium and magnesium) than the water entering the water filter. This process continues until the resin beads are saturated and can



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