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## ***REZX PEG RELEASE SYSTEM*** ***Safely Loosens Seized Friction Pegs in Violin, Viola, Cello and Bass***

- *Loosens seized pegs quickly without the need to visit a luthier*
- *No mechanical tools, devices or force is necessary*
- *Re-useable diy system with no danger of contributing to the possibility of cracking the peg box*
- *Works quickly in just a few hours*

### **Background**

*In instruments of the violin family the tuning pegs are normally made of wood as is the peg box. The problem arises as a result of wood expanding with increased humidity. If pegs are adjusted in dry conditions such as winter or highly air conditioned spaces, the holes will be expanded and the pegs contracted, thus the peg, in order to hold, will be pushed deeper into the peg holes. When the humidity then increases, the peg holes will shrink and the pegs will expand causing the pegs to lock into the holes. This makes it impossible to turn the pegs without undue force and that may crack the pegbox wall. This is a commonly occurring situation but should be corrected before damage occurs. Repair of a split pegbox wall is a costly and complex issue.*

*The Rezx Peg Release System is a simple method to remove the humidity from the pegs and pegbox walls thereby releasing the peg. Although this system will not contribute to the possibility of splitting the peg box, the fact that the peg is already seized, damage may have already occurred. The material is a special silica gel that adsorbs moisture and contains an organic orange to green indicator to show when the silica gel is still active and when it has been saturated. Once saturated, it can easily be regenerated in a microwave oven and stored for next use.*

### **Instructions**

- *Each silica gel packet is stored in a plastic zip bag and small glass sealed jar to prevent adsorption of moisture from air.*
- *Check to ensure that the crystals in the packet are a light orange color indicating it is capable of adsorbing moisture. If turning brown or green, regenerate as directed below.*
- *Prepare any standard clear plastic waterproof bag (not supplied) of a size sufficient to contain the entire peg box... this is the cover bag. A 10"X14" kitchen food storage bag works well.*
- *Remove the orange packet from the zip bag and lay it on top of the peg box. For a faster response use two packets.*
- *With the packet(s) laying on the peg box, pull the cover bag over the entire peg box and packet.*
- *Squeeze out most of the surplus air and ensure packet stays on top of the peg box.*
- *Seal bag opening around neck and strings by taping (masking or scotch tape) tightly over the bag and around the neck of the instrument just above the nut. Do not tape to the wood of the instrument. Periodically, (hourly if you are in a hurry) test the tightness of the pegs thru the plastic bag.*
- *Pegs will turn normally in a few hours, depending on the tightness, but generally no longer than overnight.*
- *When pegs are free, regenerate packet of silica gel, and place back in sealed zip bag and jar for storage and future use.*
- *Note that it is important to not leave the silica gel packet lying exposed to atmospheric humidity as it will absorb that moisture and reduce its efficiency. Keep the packet in the zip bag until ready to place on the peg box, then cover and seal quickly with the cover bag. When not in use, keep the zip bag containing the silica gel packet in the sealed glass jar.*

### **Regeneration Instructions**

- *In a microwave oven, place silica gel packet on a piece of paper towel and 1 coffee mug, heaping full of ice cubes,*
- *Microwave at full setting for 4 minutes, then repeat once more with new ice cubes. If more than a few (8-10) silica beads are still green, repeat again with fresh ice cubes.*
- *Material Safety Data Sheet is available here <http://rezx.biz/photos/msdspegrelease.pdf>*

### **Product & pricing... visit <http://rezx.biz/violin/purchase>**

- *Rezx™ Peg Release system - MSRP, taxes and shipping extra*
- *Prices subject to change without notice. For current pricing, visit [www.rezx.biz](http://www.rezx.biz)*
- *Wholesale pricing available*

### **Guarantee & Limitations**

*REZX™ products due to their simplicity and low cost are sold as is with no express or implied warranties. The user is solely responsible to ensure REZX™ products are handled safely, used for the purpose intended as described above, and kept away from children and pets. Modification of the product may pose a health and safety risk. The user accepts full responsibility to evaluate and accept all risks and consequences associated with the use of REZX™ products.*