

## The Grandwork Regulation Protocol in 8 Parts A Linear Approach to Grand Regulating

### **1 Sell Your Grand Customers More Regulations - Classroom A – Fri Session 1**

The Grandwork Protocol for grand regulating goes in a straight line from piano to bench to piano – minimizing rework. Steps don't undo previous steps. And with good referencing, hammers address their strings vertically. The consistent success of this method brings confidence and enthusiasm that sell this work.

### **2 Short and Long Form Keyframe Bedding – TPR booth – Fri Session 2**

Grand action regulating begins with keyframe bedding. Good tone, power, and repetition (TPR) depend on it. Remove the return spring. Bed the cheekblocks. And test front and back rails. If they pass, *WNG Keyframe Bedding Tool* the balance rail. If they fail, the *Grandwork Bedding Protocol* lists what to do.

### **3 Bedding and Strike Sampling in the Piano - TPR booth – Fri Session 3**

Learn a new, simpler, and more accurate approach to transferring grand bedding and strike information from piano to bench. Keys with *Grandwork Keysteps* memorize keyframe bedding. Hammers and the weight of a *WNG Dip Tool* memorize strike. And an additional mid-range Keystep maps the shape of a crowned front rail.

### **4 Bedding and Strike Setup on the Bench - TPR booth – Fri Session 4**

The *Grandwork Custom Keybed* provides all the features needed to recreate the piano's keyframe bedding with stability. Elements fix position and support each rail to in-piano specs, including front rail crowning. And the *Grandwork Regulating Rack* sets up a stable profile of strike that lowers to letoff, hammerline, and more.

### **5 Prep Parts to Vertical: Balance and Simplicity - TPR booth – Sat Session 1**

Fully regulate two samples on the bench, with a third to try new parts. File hammers with the *Hammer Filing Jig*. Travel shanks and square hammers to vertical at strike with the *Squaring Platform*, *Shank Traveler*, and *Hammer Square*. Discover how yes-no, go-nogo answers and trial-and-error can produce superior results.

### **6 Hang Hammers Vertically at Strike - TPR booth – Sat Session 2**

The *Grandwork Hammer Hanging Jig* provides easy tail and shoulder positioning, with clearance for new shanks in the high treble. It coordinates with the *Squaring Platform* and *Regulating Rack* to hang hammers to be vertical at strike. Later, these hammers will accurately provide string leveling and mating in one step.

### **7 Fast and Precise Bench Regulating - TPR booth – Sat Session 3**

Square, space, and level keys in good light at a good height. *Regulating Rack* templates fixed at strike provide the perfect spacing scale to return to during regulating. Then, moving this strike profile to heights needed takes seconds. And steps proceed in an order that will not undo previous work.

**8 Installation, String-to-Hammer Mating, Voicing - TPR booth – Sat Session 4**

Back in the piano, after one trip to the bench, the regulation fits. Now, fine space hammers, settle wire, tune, and mate strings to their hammers. The strings will turn out parallel to the keybed, facilitating damper regulation and soft pedal voicing. And your vertical regulating will way simplify voicing.