

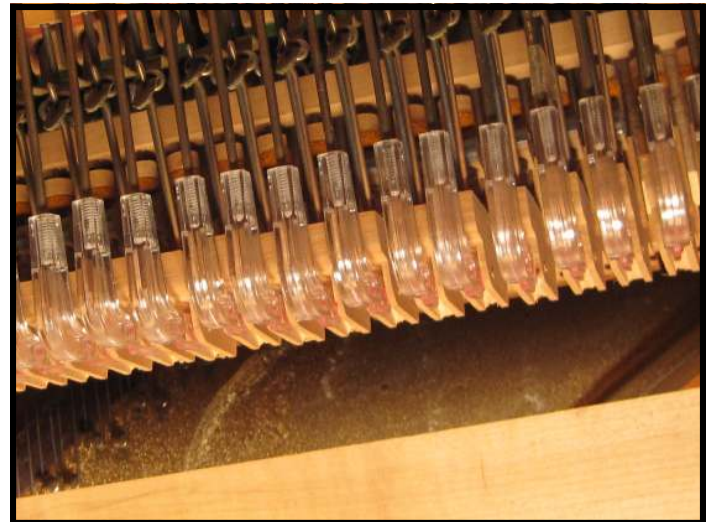
## Installation of Vagias Snap-On Elbows



### Explanation of Repair

The first step is to intentionally break each elbow off close to wippen, the part in the lower area of the piano action which the elbow connects to. The remaining portion of the old elbow must then be broken away and removed from the wippen (left photo).

After the remnants of the old plastic elbows are broken away from the lifter wires, the new Snap-On elbows are individually screwed onto the threaded lifter wires to an exact depth (right photo).



If you would like to have a new set of Vagias Snap-On Elbows installed, contact me at your convenience to set up an appointment. Working together, we can make sure that your piano is maintained correctly for your maximum enjoyment.

Information provided courtesy of:

**Tod Demuth**  
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The elbows in your piano are beginning to break, rendering a note useless each time it happens. **I would suggest that you consider having me professionally install a complete set of high-quality Vagias Snap-On Drop Lifter Elbows to fix the problem once and for all.**

The original elbows which still remain on your piano will continue to break if they are not replaced. Only by the installation of a new set of elbows may the problem be fixed on a permanent basis (the nylon used in the Vagias elbows is made to retain some flexibility and not become brittle with age).

The problem with only replacing just the broken elbows is that more elbows will undoubtedly break, usually at inopportune times, resulting in either another service call or in having to put up with notes which don't work until your next scheduled tuning.

**Tod Demuth**

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