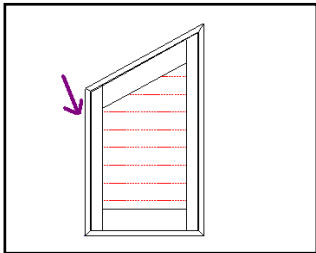


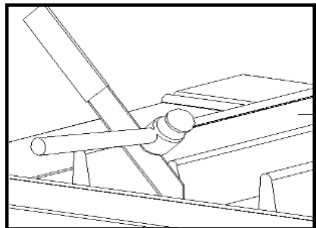
## **InvisibleTilt™: Louver Replacement Instruction**

### **TOOLS AND MATERIAL NEEDED:**

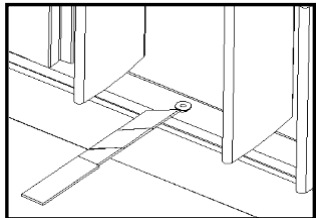
Retractable breakaway knife, mallet, needle nose pliers, replacement louver (if applicable), spring loaded replacement pin (from the replacement louver kit).



- Step 1:** Identify the side the Standard Louver Pin is located on:
- Norman® Ultra and Normandy®: stile without insert
  - Woodlore® & Woodlore® Plus
    - Regular: non-hinged side
    - Bi-fold: right stile on left panel, left stile on right panel



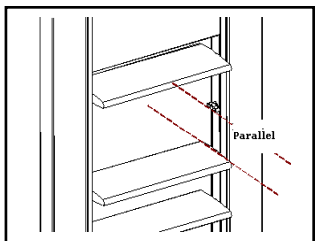
- Step 2:** Using your retractable knife and mallet, cut the Standard Louver Pin from the damaged louver



- Step 3:** Remove the damaged louver from panel and the remaining part of the standard louver pin from stile. Please save the small tension gear from the damaged louver if it pulls from the stile.

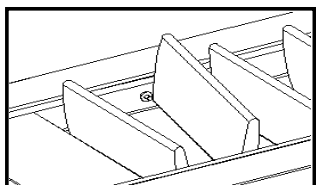


**small tension gear**

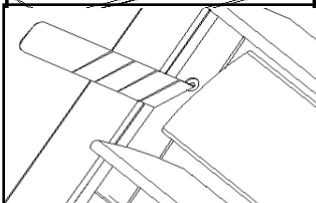


- Step 4:** Insert the spring loaded replacement pin into the stile hole and align the original small tension gear so that it is parallel with the adjoining louvers. No adjustment is necessary if the small tension gear remains in the stile.

**IMPORTANT:** You must align the small tension gear so that it is at the same angle as the other louvers in the shutter.



- Step 5:** Position and insert the new louver onto the small tension gear.



- Step 6:** Press the spring loaded replacement pin with the retractable knife and carefully slide the louver into the stile until the spring loaded replacement pin is aligned and goes into the louver hole.

**Note:** The illustration on the left is only to show how to retract the pin; the louvers must be aligned when attached.