



# SPIROMITE AND SPIREX SPIRAL BALANCE

## Installation Procedure (Cross-pin Standard)

Fig. 1

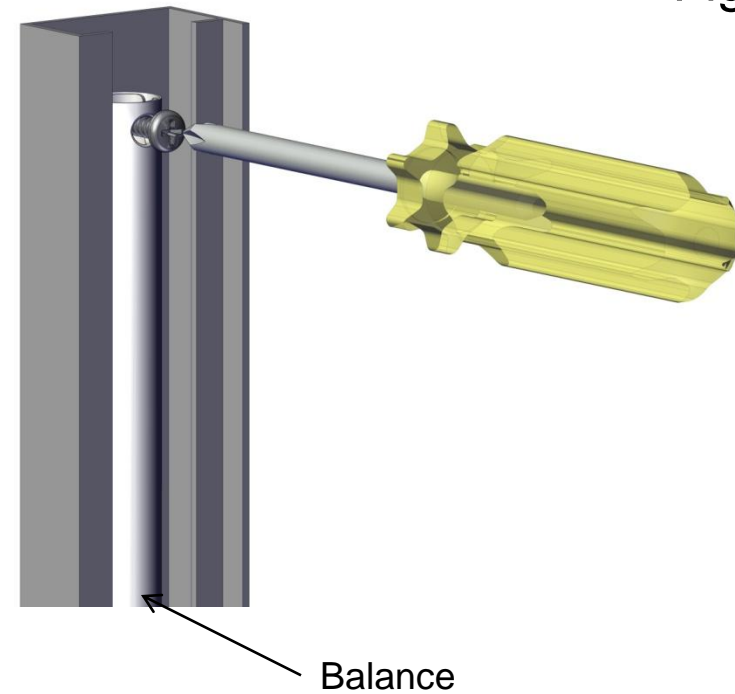


Fig. 2

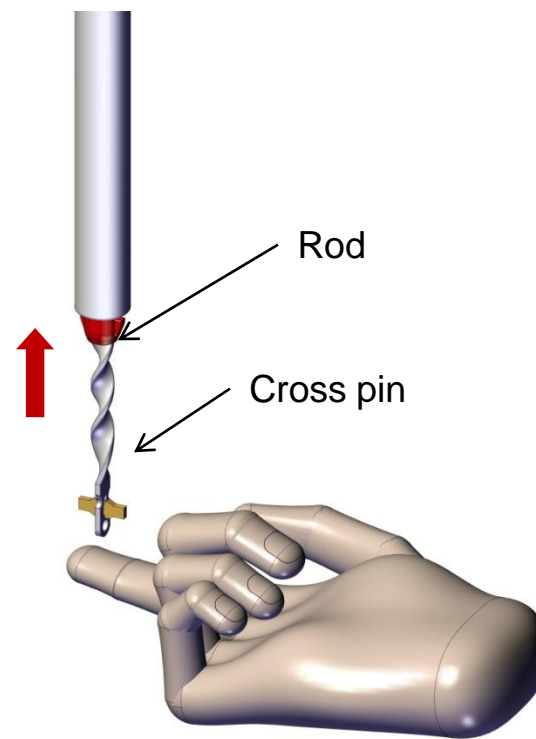


Fig. 3

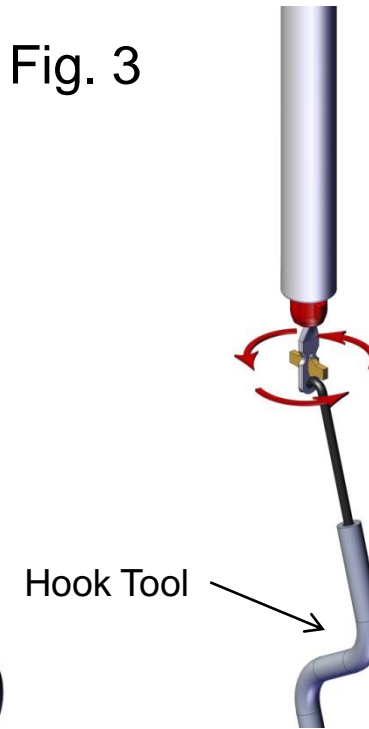
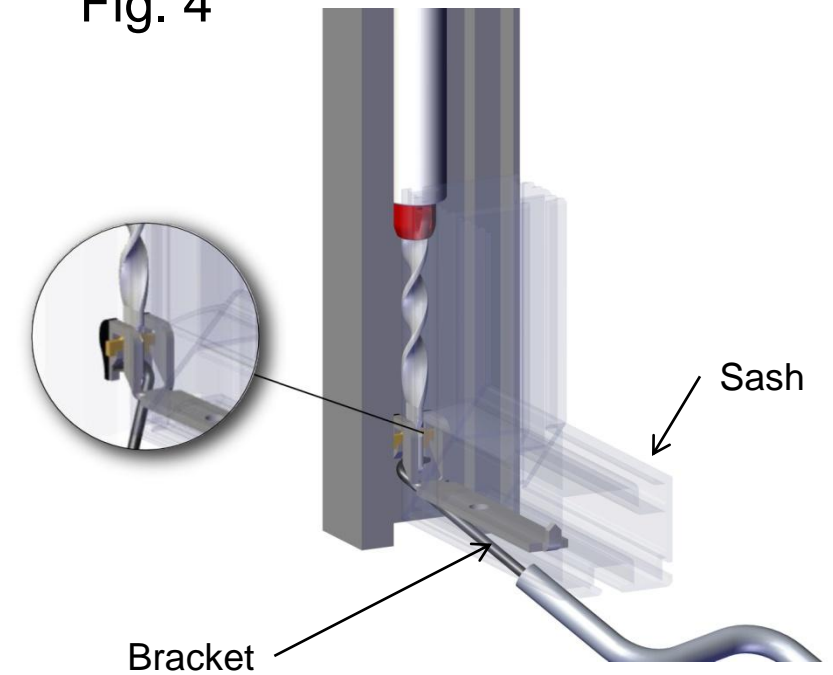


Fig. 4



### Installation and Tensioning Procedures

1. Attach the balance to the window frame using a #8 screw (see Fig. 1).
2. If the spiral rod is more than 2" out of the balance coupling, push the rod with light finger pressure to the fully retracted position inside the balance tube. Allow rod to rotate freely (see Fig. 2)
3. To apply tension, engage lower hole on balance rod with the hook tool and rotate the required number of turns (Fig. 3)
4. While tensioning tool is still engaged and without releasing applied turns, extend rod and insert the cross pin into the bracket (see Fig. 4).

### Removal

1. Push sash to the upper-most position.
2. Engage the lower hole on balance rod with hook tool, apply slight downward pressure and pull rod from the bracket.
3. Allow the tool to rotate counter-clockwise until turns are removed.

### Caution

1. Never engage the hook tool for tensioning if rod is more than 2" out of coupling.
2. Always tension with sash in upper-most position as to not lose tension.
3. Be sure that cross pin is securely latched in bracket seat.
4. Make sure not to bend spiral rod during handling or tensioning.
5. Set tension for the exact weight of the sash. DO NOT over tension (refer to tensioning chart supplied by Caldwell).
6. Be sure cross pin is properly seated in bracket (see Fig. 4).
7. For best counterbalancing action, apply equal tension to balances on both sides of window.
8. Do not over tighten balance mounting screw or you may crush the balance tube.