Frame Adjustment Instructions

The temple arms and nose pads of your telescope frames are selected based upon the customization information supplied with your order. Further frame adjustments, however, may be required. Before making these adjustments, first try the frame as it is set from the factory.

Please note that although these adjustments can be done on your own, your eye care professional is best suited to make these adjustments for you.

CAUTION: DO NOT grab or apply pressure onto the telescope oculars while you are adjusting the frame

TEMPLE ARM ADJUSTMENTS

SurgiTel® frames, like most high quality and specialty frames, do not use spring hinges on the temple arms because the pressure created by these hinges often creates headaches and discomfort to most people.

If the temple arms are too tight or too loose, you can easily adjust the width of the temple arms by evenly bending them at the hinge corners (Figure 1 - note that the telescope oculars are not shown). When you bend each temple arm, you should tightly hold the eyeglass rim. It is recommended that the width of the temple arms should be slightly larger than the width of your face. Increasing or decreasing the width of the temple arms can easily be made by adjusting the angle (A) of the hinge corners as shown in Figure 1.

NOSE PAD ADJUSTMENTS

SurgiTel® frames are equipped with patented double nose pads. When the nose pads are properly adjusted to your face, they will provide excellent comfort and balance.

If the nose pads do not make even contact with your nose comfortably, please follow the steps described below. Note that the adjustment of the inner nose pad (one-piece) is often required not just for fitting, but to allow the installation of clip-in filters (esp. if your eye Rx lenses are thick).

• Inner Nose Pad Adjustment – Adjust the width of the inner nose pad (Figure 2).

• Low Nose Bridge Adjustment – If the inner nose pad is not evenly placed on the bridge of your nose, bend the main wire support part down, away from the frame (Figure 3) and readjust the width of the nose pad if necessary. Note that the main wire tilt angle depends on the bridge of your nose. The less nose bridge you have, the larger the main wire tilt becomes to fit your nose.

• Outer Nose Pads (two-piece) Adjustment – Bend the wire supports inward or outward. The outer nose pads may not fit certain noses with small nose bridges, but you can add commercial sponge nose pads under the outer nose pads to fit your nose.

• Clip-In Filter Adjustment – To install clip-in laser or image enhancement filters, bend (pull) secondary wire supports out (Figure 4).
Headband Adjustments

These instructions pertain to the use of your Headband only. Use of your telescopes is covered in their separate instructions for the Front Lens Mounted (FLM) Telescopes.

Adjusting the Headband

Loosen the two knobs on the headband, as shown in the illustration to the right, and place the head band loosely on your head. Adjust the upper adjustment knob until you are comfortable with its height. It should be slightly above your ear and eyebrow as shown below. Then comfortably tighten the back adjustment knob to fit your head.

Adjusting the Headband Mounted Telescopes

Move the Ocular assembly up and down along the versatility bar until the Oculars are clearly in your line of sight (as shown to the left). It is important to be looking through the center of the oculars. Once the Oculars are in your line of sight tighten down the versatility bar with the locking thumb screw. All other Telescopes adjustments are the same as the Front Lens Mounted (FLM) Oculars. The headband may not always return to the same position each time you remove and replace the unit on your head. Reposition as required for optimum alignment.

Note: You may want someone to help check the alignment of the line of sight from the side to ensure that the Oculars are set properly for optimum use.

Instructions for Interchanging Ocular Assembly Between Frame and Headband

1. Remove the height adjustment locking screw from the Ocular and Frame Assembly. This will allow the entire Ocular Assembly to slide off the mounting mechanism on the frame.
2. Place the Ocular assembly onto the versatility bar and attach it using the mounting screw and washer supplied with the Headband as shown below.
3. Tighten the mounting screw enough to where the Oculars do not move, but DO NOT OVERTIGHTEN.
4. Attach versatility bar with the Ocular Assembly to the Headband using the locking thumbscrew, as shown below, supplied with the headband.