

## *Contact adjustments*

Look at the contacts on the stone model first. You should begin on the side where there is the most space between the restoration and the prep.

To round contacts, use a fine diamond or the football diamond bur and *lots of water* with the high-speed handpiece.

If you are unable to seat the restoration:

1. Use occlusion paper to identify the area of tight contact.  
TIP: Only adjust the area that is marked by the paper as not to over adjust, narrow the contact, or open the contact
2. Using the COARSE diamond impregnated polishing wheel and *lots of water*, use LIGHT pressure to take down zirconia quickly. You will see some light striations on the zirconia surface.
3. Using the MEDIUM diamond impregnated polishing wheel and *lots of water*, go over the reduced area with LIGHT pressure. You should begin to see a more satin-looking finish.
4. Using the HIGH SHINE polishing wheel and *lots of water* to give a final luster to the restoration. The high shine will not remove any material; it is simply intended to shine the restoration.
5. If an even higher shine is desired you may polish with PORCELAIN POLISHING PASTE and a polishing brush.

## *Burs and Tools*

1. High-speed handpiece
2. DPS Nautilus Zirconia Bur Kit - The football bur is recommended because the adjusting surface of the bur is generally equivalent to the occlusal tape mark. A normal cylindrical bur may be too wide and cause over adjusting.
3. Diamond impregnated polishing wheels.

## *Occlusal adjustments*

Use the same process as adjusting contacts, but use the smaller cone-shaped polishers supplied in the DPS Nautilus Zirconia Bur Kit.

### *Burs and Tools*

1. High-speed handpiece
2. DPS Nautilus Zirconia Bur Kit - The polishing cones are recommended for adjusting the occlusal surface.

## *Nautilus adjusting tips*

Use diamond impregnated polishing wheels similar in size so that polishing areas are consistent.

When adjusting contacts it may be necessary to taper occlusion to allow for floss to glide into the interproximal area.

Make sure to use plenty of water during the adjusting process in order to keep heat to a minimum. High temperatures while adjusting may introduce microfractures to the material and cause the material to work against the adjuster.