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**THE
TREMONT
CANTILEVER
WRAP
AROUND
APPLIANCE**

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Great Lakes
ORTHODONTICS, LTD.
An Employee Owned Company

200 Cooper Ave., Tonawanda, NY 14150

Maximizes retention without
occlusal or interproximal interference



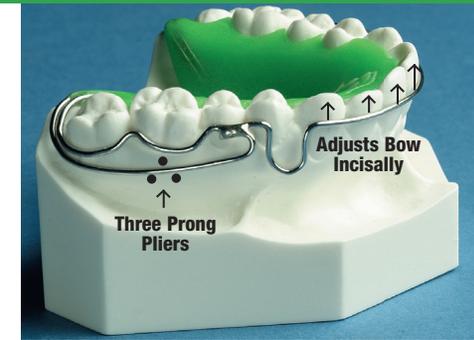
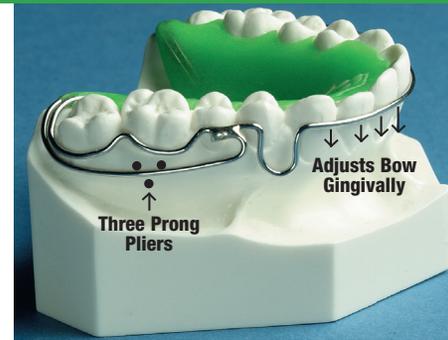
“ Ideal for a well finished case where the second molars are included in the final occlusion, the wrap around design is especially effective for maxillary retention.”

- Timothy Tremont
DMD, MS

The Tremont appliance, ideal for maxillary retention, is designed without support wires to interfere with occlusal or interproximal surfaces. Contoured around the first and second molars, the labial bow can be positioned up or down by adjusting the cantilever arms with a three-prong plier. Positioned superior and parallel to the labial bow, the cantilever arm provides exceptional stability without coming in contact with the soft tissue.

The cantilever arm extends to the middle of the first bicuspid and turns under where it is soldered to the labial bow. It does not impinge on either the gingiva or the buccal mucosa. For additional stability, acrylic can be added to the incisor section of the labial bow. Fabricated with .036" stainless steel wire, the appliance is exceptionally durable and break-resistant.

Dr. Tremont is an assistant clinical professor in the Department of Orthodontics at West Virginia University School of Dental Medicine. He's also in private practice in White Oak, Pennsylvania.



The labial bow is easily adjusted, gingivally or incisally, using a three-prong plier at the midpoint of the cantilever arms.

Fabrication requirements: Upper stone model.

Activation Tips & Techniques

- Trim the acrylic on the palatal surfaces of the posterior teeth to allow settling of the teeth. Trimming also allows for better seating of the appliance.
- Small pieces of cephalometric tracing paper are useful for checking the contacts of the labial bow on the incisors.
- If additional retention is desired, the labial bow can be pinched slightly at the embrasure between the first and second molars.
- Ten hours of nighttime wear is recommended. The appliance can be worn 24 hours a day with the lower arch in full occlusion with the upper arch.

Note: For a case where the anterior teeth are coupled together nicely, the lower cast should be occluded with the upper cast when the appliance is fabricated to make sure the lower incisors are not contacting the acrylic lingual to the upper incisors. Contact could cause the bite to open. For a compromised case where there is an excessive overjet, this would not apply.