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Each instruction is an individual printable PDF in a single language.

Vektor is a registered trademark of TP Orthodontics, Inc. and manufactured under US Patent 8,529,253.

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INSTRUCTIONS FOR USE

Jasper Vektor® Appliance

Series 610

Indications for Use:

This appliance is intended for use in orthodontic treatment.

Warning:

This appliance contains nickel and/or chromium which has been known to cause allergic reactions. This appliance contains small components that may be swallowed if precautions are not taken during installation and removal.

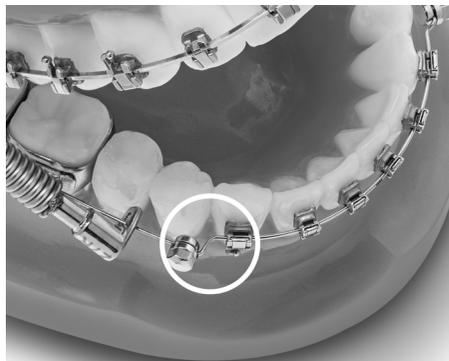
Note: Molars must be banded, and the use of an occlusal headgear tube is required. Patient must be in .017" x .025" (0.4318mm x 0.635mm) or .021" x .025" (0.5334mm x 0.635mm) rectangular archwires to fill the slot completely. (Second molars can be banded for improved anchorage.)

When placing your large upper wire, narrow it as much as possible in the posterior areas. Also put in molar palatal crown torque to control over expansion of the maxillary arch.

For patient comfort it is recommended to wait four weeks to install the Vektor appliance which typically can be done in a 15-minute appointment.

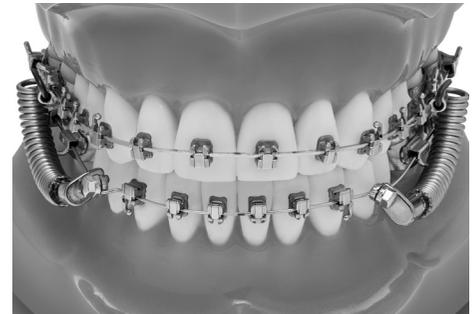
Remove lower archwire and lower bicuspid brackets.

Place wire in anterior brackets, mark distal to canines and place 1mm bayonet bends at marking. Place the archwire lock and tighten at bayonet bend (first loosen the assembly without taking it apart so it can slide on the wire).



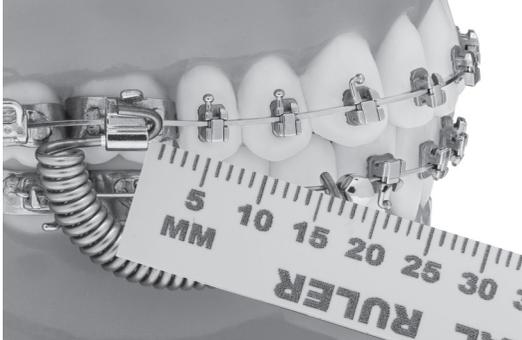
Reinstall the archwire, bend the distal down and cinch back to prevent mesial movement of the lower anchorage teeth.

Have the patient bite down in centric and measure from the mesial of the upper molar head gear tubes down to the distal of your sliding arch lock (measure both sides).



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To this number add 12 or 13mm. For example, an 18mm measurement would require a 30mm Vektor Appliance. A 20mm measurement would require a 33mm Vektor Appliance. Select the correct right and left appliance.

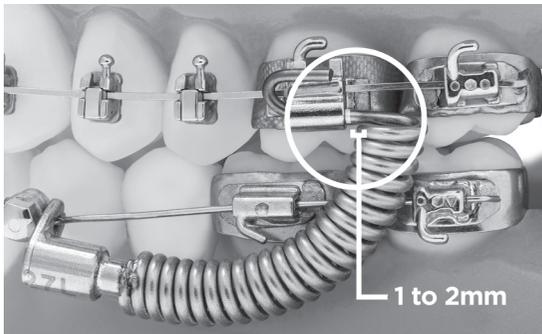


Slip the gap in the split ring onto the lower archwire just behind the arch lock and squeeze the gap closed with a Howe plier.

Insert the upper extension of the appliance spring into the headgear tube from the distal.

IMPORTANT:

The wire extension has been marked to provide a visual guide for maximum insertion length. Do not insert the wire past the marking; there should be 1-2mm of wire distal of the headgear tube to the coil spring.



Hold it in with your finger, grip the 5mm sticking out the front of the tube with a Howe or Weingart plier and bend it into a U shape. The front 5mm of this wire have been annealed to facilitate bending (and unbending during removal). Due to the properties of nickel-titanium wire, it will only allow for one-time bending at install; attempting to reposition the wire by re-bending will result in breakage.

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At the end of the correction phase (6 months), use of Class II night time elastics is recommended for retention.



NOTE: This is a single-use device. Any reuse of this product will run the risk of cross-contamination to patients.

NOTICE:

TP Orthodontics, Inc. warrants that its products are free from defects in materials and workmanship. TPO's liability and the customer's sole remedy in the event of any claimed defect shall be limited to replacement of the product, or at TPO's discretion, refund of the purchase price. This warranty is in lieu of any other warranties, express or implied, including any implied warranty of merchantability, fitness for a particular purpose, or otherwise, and of any other obligations or liability on TPO's part. Other than the warranties listed above, under no circumstances will TPO be liable for any loss, damages arising in connection with use, or inability to use, TPO's products.

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