

# 8

## CLASS II CORRECTION



TP Orthodontics, Inc.  
[tportho.com](http://tportho.com)  
[cosmeticbraces.com](http://cosmeticbraces.com)

# CLASS II CORRECTION

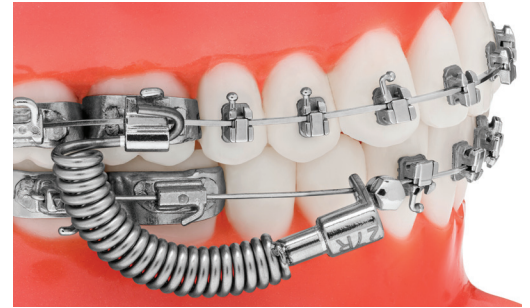
**Jasper Vektor® Appliance**

**Flip-Lock® HERBST® Appliance**

# Jasper Vektor® Appliance

The Jasper Vektor Class II Correction Appliance is a fixed intraoral device that achieves class II correction easily and efficiently with low forces. The patented design of the appliance introduces gentle intrusive vector forces - unlike other class II correctors that place extrusive vector forces on the anterior teeth.

The appliance produces gentle sweeping forces, and the mandible is free to move laterally resulting in patient comfort. The appliance is easy to install, clears the “food zone” and is compliance-independent.



Patented

Kits	Order No.
Class II Corrector Multi-Kit Kits consists of 1 pair size 27, 2 pairs size 30, 2 pairs size 33, 1 pair size 36, 1 archwire installation tool, 20 archwire locks	<b>610-500</b>
Class II Corrector Kit—size 27	<b>610-527</b>
Class II Corrector Kit—size 30	<b>610-530</b>
Class II Corrector Kit—size 33	<b>610-533</b>
Class II Corrector Kit—size 36	<b>610-536</b>

Single Kit includes Left / Right Component plus 4 Archwire Locks



Multi-Kit

Component Part	Order No.
27mm Left	<b>610-527L</b>
27mm Right	<b>610-527R</b>
30mm Left	<b>610-530L</b>
30mm Right	<b>610-530R</b>
33mm Left	<b>610-533L</b>
33mm Right	<b>610-533R</b>
36mm Left	<b>610-536L</b>
36mm Right	<b>610-536R</b>
Package of 5	
Archwire Locks	<b>610-502</b>
Package of 10	



Left / Right Component



Archwire Lock



Archwire Lock Installation Tool

Tool	Order No.
Archwire Lock Installation Tool	<b>610-501</b>

Each

CLASS II CORRECTION

# Flip-Lock® HERBST® Appliance

The Flip-Lock HERBST from TP Orthodontics is quickly and easily activated using the patented “Flip-Lock” mechanism. There are no pins or screws. Activation is simple — just place crimpable spacers at regular intervals onto the exposed piston.

The Flip-Lock HERBST is available with and without a cantilever arm. Optional archwire slots allow the appliance to be placed in conjunction with brackets.



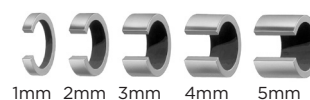
Single Patient and Inventory Kits	Order No.
Single Patient Appliance Kit 2 pistons, 2 tubes, 4 ball hinges on small pad without slot	<b>610-400</b>
Single Patient Appliance Kit 2 pistons, 2 tubes, 4 ball hinges on large pad with slot	<b>610-410</b>
Single Patient Appliance Kit 2 pistons, 2 tubes, 4 ball hinges on large pad without slot	<b>610-430</b>
Single Patient Appliance Kit 2 tubes, 2 pistons, 2 posterior ball hinges, 2 cantilever/ball hinges without slot	<b>610-420</b>
Single Patient Appliance Kit 2 tubes, 2 pistons, 2 posterior ball hinges, 2 cantilever/ball hinges with slot	<b>610-424</b>
Inventory Kit 30 pistons, 30 tubes, 60 ball hinges, 95 spacers	<b>610-409</b>

Component Part	Order No.
Pistons	<b>610-403</b>
Tubes (5 left, 5 right)	<b>610-404</b>
Ball Hinge with small pad without slot	<b>610-405</b>
Posterior Ball Hinge without slot and large welding pad	<b>610-422</b>
Posterior Ball Hinge with slot and large welding pad	<b>610-423</b>
Cantilever/Anterior Ball Assembly without slot (5 left, 5 right)	<b>610-421</b>
One-piece Cantilever/Anterior Ball Assembly with slot (5 left, 5 right)	<b>610-425</b>

Package of 10

Crimpable Spacers	Order No.
1mm	<b>610-401</b>
2mm	<b>610-402</b>
3mm	<b>610-406</b>
4mm	<b>610-407</b>
5mm	<b>610-408</b>

Package of 10



# Flip-Lock® HERBST® Appliance

## Activates in Seconds – Just Four Easy Steps

The Flip-Lock HERBST is designed for ease of use. There's no need for special tools or complicated adjustments. Simply follow the steps listed below.

After cementation of the appliance, prepare tube and piston assembly for proper length. Tubes should be cut long enough to position the mandible in a Class I position. The pistons should extend no more than 2-3mm beyond the distal end of the tubes at full closure. It is imperative that the pistons aren't so short that they separate from the tubes upon maximum opening (i.e., when the patient yawns).



Slide a piston into a tube and hold in the correct orientation as shown, with the tube socket up. The tube socket can only be engaged on the maxillary distal ball hinge from one direction—the mesial. Slide the tube socket from mesial to distal end onto the maxillary ball hinge.

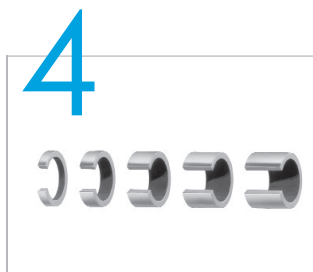


The tube is not locked onto the maxillary ball hinge until the tube is laid parallel to buccal tooth surfaces. Before attaching the piston on the mandibular ball hinge, make sure the piston sockets also have a correct orientation. A small circle on the socket represents the labial surface. This circle should go toward the cheek, not toward the teeth.



Slide the socket mesially over the mandibular ball hinge. The assembly will snap into place.

Although not routinely necessary, you may gently crimp the pistonsocket onto the mandibular hinge (as shown) to provide additional security.



Activate the Flip-Lock HERBST periodically (usually at 6 to 8 week intervals) by adding TPO crimpable 1mm or 2mm spacers onto the exposed piston. Using crimpable spacers eliminates the need to remove the tubes and pistons.

The mandible is initially advanced approximately 6-8mm, and then incrementally advanced until the desired occlusion is achieved. Average treatment time is 12 months.

