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CLASS II CORRECTION



TP Orthodontics, Inc.
tportho.com
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	610-500
Class II Corrector Kit—size 27	610-527
Class II Corrector Kit—size 30	610-530
Class II Corrector Kit—size 33	610-533
Class II Corrector Kit—size 36	610-536

Single Kit includes Left / Right Component plus 4 Archwire Locks



Multi-Kit

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

Tool	Order No.
Archwire Lock Installation Tool	610-501

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.



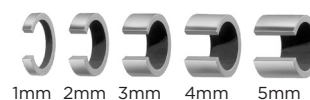
Single Patient and Inventory Kits	Order No.
Single Patient Appliance Kit 2 pistons, 2 tubes, 4 ball hinges on small pad without slot	610-400
Single Patient Appliance Kit 2 pistons, 2 tubes, 4 ball hinges on large pad with slot	610-410
Single Patient Appliance Kit 2 pistons, 2 tubes, 4 ball hinges on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

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

Package of 10

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

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.

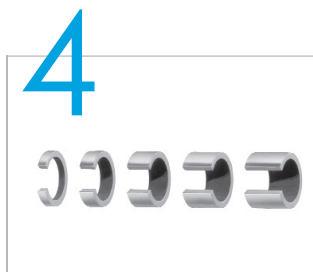


The tube is not locked onto the maxillary ball hinge until the tube is laid parallel to buccal tooth surfaces. Before attaching the piston on the mandibular ball hinge, make sure the piston sockets also have a correct orientation. A small circle on the socket represents the labial surface. This circle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

