

Forsus™ Fatigue Resistant Device – Installation Guide

Instructions For Use

English

Spring Module Installation

Insert “L” ball pin into spring module distal-end pin hole.



Pull “L” ball pin through headgear tube from distal to mesial.

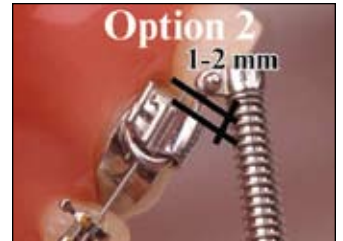


Bend pin around headgear tube as shown.

Option 1: pin bent occlusally.

Option 2: pin bent gingivally.

(Note: To allow for pin adjustments and avoid restricted movement, leave 1 to 2 mm clearance between distal end of tube and pin ball as shown in picture).



Cinch archwire to secure lower arch teeth positioning.

For increased anchorage on lower arch, use second molar attachment if appropriate.

(Note: Use full size rectangular stainless steel wire on both arches to further secure teeth positioning).



In order to avoid elastic ligature breakage and to secure cuspid bracket to archwire, use stainless steel ligature tie.



Optional

To avoid contact with cuspid bracket, place a stop such as a Gurin lock distal of the canine.



To increase anchorage on the lower arch and prevent lower anterior flaring, lace the entire lower arch and increase labial root torque on lower anteriors.



Push Rod Installation

Measure from distal end of upper molar tube to a point distal to bracket (or to chosen stop) while in centric occlusion. Use Forsus™ Device Gauge (REF 807-014) as shown in picture and note appropriate push rod size (in this example, note 32 mm).



Select a push rod from the available sizes to fully compress the spring without immediately reposturing the mandible. **(Note: Right and left configuration).**



Patient Right	Patient Left
	22 mm
	25 mm
	29 mm
	32 mm
	35 mm
	38 mm

Place push rod loop between cuspid and first bicuspid, have patient open mouth, compress spring, and insert push rod. If push rod protrudes distal of spring module in centric occlusion, it is too long.



Note: Attach loop over archwire from occlusal.



Note: Spring assembly length after installation should be 20-22 mm.

Crimp push rod mesial end by closing loop around archwire.



Final Assembly

Note: If patient bites on spring assembly, adjust "L" ball pin or entire assembly with a buccal offset



Re-Activation

Crimp split ring bushings on push rod distal of stopper by compressing the spring as needed (usually 2 or 3 mm at a time to achieve midline correction and advancement).



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