### Forsus<sup>™</sup> Fatigue Resistant Device EZ2 / L-Pin Module – Installation Guide



#### Checklist

□ 1 Forsus™ Fatigue Resistant Device EZ2 Module 1-Patient Kit, REF. 885-143

- or

Forsus™ Fatigue Resistant Device L-Pin Module 1-Patient Kit, REF. 885-126

- ☐ 2 Steel Ligatures
- ☐ 3 Customized Lower Arch Forsus™ Attachments





■ Bond Forsus™ Fatigue Resistant Device attachment and safety button to teeth, following the Incognito™ Appliance System Rebonding Protocol. Please note the mark of tooth index. The Forsus attachment needs to be placed with the elbow mesial.



2 Use a steel tie (metal ligature) in .008 to connect the Forsus attachment to the safety button. Maximize interbracket distance between the attachment and the safety button to ensure not to build up too much tension when placing the metal ligature.



■ Twist the wire around the button and leave approximately 3 mm to secure with composite or bend into interproximal spaces.



□ Determine Forsus<sup>™</sup> Push Rod length by measuring each side from the distal end of the maxillary molar tube to the mesial elbow of the Forsus attachment using the Measurement Guide (REF 807-014).

Read the scale and select the size placed closest behind (distally) the mesial elbow. (25 mm on image)



■ Attach the Forsus Fatigue Resistant Device to the headgear tube. Refer to the Forsus EZ2 Module or L-pin Module installation instructions on page 2.



Install the Forsus Push Rod. Refer to Push Rod installation instructions on page 2.



#### Forsus Push Rod Position:

For improved aesthetics, it is recommended to attach the Push Rod distal to the bicuspid. Placement distal to the cuspid is also an option.

Please note the Forsus Push Rod delivered with the 1-Patient Kit is 25 mm in length. Other Push Rod lengths are available. Please contact your local Representative.

#### Ligatures:

To prevent unwanted rotations, steel ligate the lower bracket mesial to the Push Rod placement (cuspid or bicuspid).

### Forsus Fatigue Resistant Device Treatment Guide:

Please use the following link to find the guide on the 3M Unitek webpage:

www.3MUnitek.com/Forsus

#### Forsus Appliance Manufacturer:

The Forsus Fatigue Resistant Device is a 3M Unitek product. Please visit the 3M Unitek webpage for more information:

www.3MUnitek.com



#### Forsus™ Fatigue **Resistant Device**

# EZ2



■ Hold the mesial portion of the Forsus™ Fatigue Resistant Device EZ2 Module with a Weingart Utility Plier.



2 Insert the Forsus EZ2 Module into the headgear tube from mesial to distal until it clicks into place.



3 Place selected Push Rod loop on lower arch Forsus™ Fatigue Resistant Device attachment, hold patient's mouth open, compress spring, and insert Push Rod.



4 Note: If Push Rod protrudes distal of spring module in centric occlusion, it is too long. Switch to a shorter Push Rod.



5 Crimp Push Rod mesial end by closing loop around lower arch Forsus Fatigue Resistant Device attachment.



G Reactivation

Reactivation may only be achieved on push rod sizes that have stops: 25 mm, 29 mm, 32 mm, and 35 mm. To reactivate, compress the spring so that the Push Rod is exposed and place a split crimp distal to the stop.

#### **Forsus™ Fatigue Resistant Device**



I First, with the patient's mouth open wide, compress the spring and remove the spring assembly from the Push Rod.



2 Then, holding the distal portion of the Forsus EZ2 Module with a pair of Weingart Utility Pliers, pull the distal end of the clip in an occlusal, then mesial direction to remove it from the headgear tube.



3 To remove the Push Rod, grasp the mesial ends of the Push Rod with two pliers and pull to open the loop.

#### **Forsus™ Fatigue Resistant Device**

# **Installation Guide**



Insert L-pin into spring module, making sure the ball is positioned buccally.



2 Insert L-pin into headgear tube from distal to mesial.



3 Bend L-pin around headgear tube as shown. L-pin bent apically. Note: To allow for L-pin adjustments and avoid restricted movement, leave 1 to 2 mm clearance between distal end of tube and L-pin ball as shown in in above image.

#### **Forsus™ Fatigue Resistant Device**

# **Module Removal**



1 Bend L-pin around headgear tube as shown. L-Pin bent apically.

## **3M** Unitek

#### 3M Unitek

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