

## REMOVING AND REPLACING A BONDED TITANIUM RETENTION PART

During the laboratory procedures or after the prosthesis has been worn for several years, it may be necessary to replace the bonded titanium retention part **RE 0085 (M2)** or **694 AR (M3)**. Carefully follow the listed procedure to avoid unnecessary work and to attach (bond) the retention part in its correct position in the prosthesis.

1. Unscrew the spring pin from the retention part.
2. Identify the retention part to be replaced with the spring pin threads as an **M2** or an **M3** retention part (see INFO 062).
3. Screw with:
  - **M2** the **RE H 16** soldering accessory
  - **M3** the **H 16** soldering accessory
 fully down into the retention part to be replaced.
4. Cover the surrounding plastic parts with a heat-resistant material.
5. Heat only the **end** of the **RE H 16** or **H 16** soldering accessory with a sharp and small female until it becomes **red-hot**.
6. Clasp the end of the accessory with pliers and remove the retention part by making strong lateral movements.
7. Quickly cool off the prosthesis in water.
8. Clean the cavity in the prosthesis by sandblasting (**up to 200 µ**) and preserve the retentive ledge.
9. Screw the soldering accessory
  - **RE H 16** into a new **RE 0085** retention part for **M2**
  - **H 16** into a new **694 AR** retention part for **M3**
 and sandblast (**200 µ**) it on the outside.

**NEVER** re-use the removed **RE 0085** or **694 AR** titanium retention parts. They will oxidize through heating, change metallurgically, and no longer meet the necessary requirements.

10. Assemble the retention part with a **NEW** male:
  - **M2: RE 0085** (retention part) + **RE 0031** (spring pin) + **RE 0096** (space maintainer);
  - **M3: 694 AR** (retention part) + **694 C** (spring pin) + **694 B** (space maintainer).
11. Press the male into the female and check if it snaps in correctly.
12. Mix a small amount of **CEKA SITE** and apply it in the cavity of the prosthesis (see INFO 074).
13. Remove the prosthesis after **CEKA SITE** has set (10 minutes) and clean the surrounding area of the spring pin.
14. Check if the spring pin snaps in correctly (see INFO 059).
15. Secure the spring pin with **CEKA BOND** (see INFO 069).

**Side effects, warnings and precautions**

- The attachments are intended for single use.
- The products are non-sterile.
- There is a risk of poor fit when patient conditions change.
- Bacterial adhesion can be avoided by applying hygiene measures.
- Inappropriate use or bad manufacturing can lead to premature wear of the attachments.
- The functionality of the attachments will be adversely affected by traumas such as grinding and bruxism.
- For the purpose of traceability we advise you to record the lot number of the applied products in the patient file.
- Do not heat items containing titanium.
- Do not use items containing nickel in case of nickel allergy.
- The accessories RE H 79 and H 35 must be used outside the mouth.