

REPLACING AN ID RETENTION PART (M2 & M3)

There are no special accessories to replace the retention part in a combination work (extracoronar female and intracoronar sliding part) as this type of attachment is usually reduced in height.

1. Identify the retention part to be replaced as an **RE 0083 IR (M2)** or a **703 A (M3)** retention part (see INFO 070).
2. Make a model and a labial key of the prosthetic part into which the new retention part must be incorporated.
3. Remove the acrylic resin saddle where the retention part will be replaced.
4. Cover the rest of the prosthesis with heat-resistant material and the surrounding stabilizing arm with anti-flux.
5. Remove the retention part to be replaced from the prosthesis by applying heat with a sharp small flame to melt the solder.
6. Clean the prosthesis and remove any remaining solder.
7. Assemble the retention part to be replaced with a working dummy:
 - **M2 RE 0083 IR** with **RE H 1** with the **RE H 5** laboratory key;
 - **M3 703 A** with **H 1** with the **RE H 5** laboratory key.
8. Place the retention part in the female. If necessary, mark the height to which the retention part must be reduced.
9. Reduce the retention part if necessary and apply with a small separating disc mechanical retention grooves on the outside of the retention part.
10. Assemble the female with the male and seat the prosthesis on top. The prosthesis must not contact the retention part.
11. Mix a small amount of self-cure resin to a doughy consistency.
12. Wet the upper side of the retention part with a small amount of monomer.
13. Connect the metal frame of the prosthesis to the retention part with a small amount of acrylic resin, and allow to harden.
14. After hardening of the acrylic resin, remove the prosthesis from the mouth and also remove the working dummy.
15. Screw a soldering accessory into the retention part:
 - for **M2 RE 0083 IR:** the **RE H 16** accessory;
 - for **M3 703 A:** the **H 16** accessory.
16. Make a soldering refractory model. Connect the end of the soldering accessory and a part of the cast metal partiam frame. Protect the other plastic parts of the prosthesis with heat-resistant material.
17. Apply anti-flux to the lingual shoulders.
18. Use **CEKA SOL** for soldering (see INFO 101).
19. Quickly cool off the prosthesis in water to protect the plastic parts.
20. Remove the soldering accessory and clean the cast metal frame.
21. Check if the threads of the retention part were damaged (see INFO 083).

22. Screw an original spring pin into the retention part:
 - **M2 RE 0083 IR:** the **RE 0031** spring pin with the **RE H 5** laboratory key;
 - **M3 703 A:** the **694 C** spring pin with the **RE H 5** laboratory key.
23. Check the retention of the attachments (see INFO 059).
24. Assemble the prosthesis with the removed plastic parts, polish the prosthesis, and secure the spring pins with **CEKA BOND** (see INFO 069).