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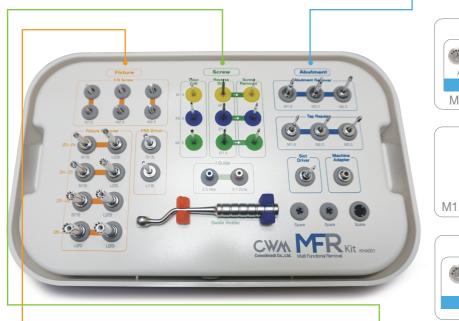
Multi-Functional Removal™ Kit



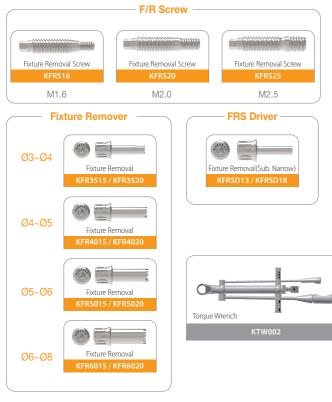


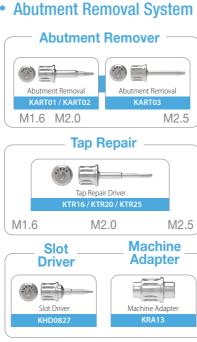


> Easy removal of fractured fixture / screw / abutment.



Fixture Removal System





Screw Removal System

Reverse Drill Talon Drill Screw Remover M1.6 M2.0 Talon Drill (Claw Drill) Drill M2.5 I Guide



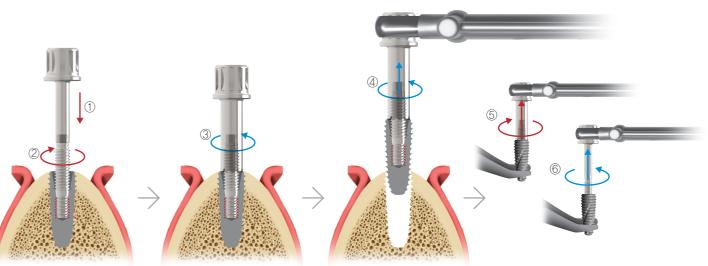


MFR Kit - Components

1. Fixture Removal System

① Connect the F/R Screw to the FRS Driver.

2 Connect the F/R Screw mounted FRS Driver to the fixture (clockwise 40~60 N.cm) and remove the FRS Driver. ③ Connect the Fixture Remover to the F/R Screw (counterclockwise). ④ Remove the fixture after connecting the Torque Wrench (counterclockwise, 100~400 N.cm). (5) To remove the fixture from the Fixture remover, use such device as vise to fix the Fixture Remover and connect to the Torque Wrench. (6) After connecting the FRS Driver to the F/R Screw, use the Torque Wrench to remove the F/R Screw (counterclockwise).

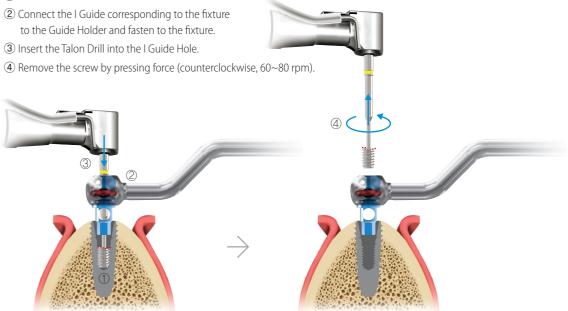


- X One-time use of the F/R Screw is recommended (bending or fracture may happen if more than 100 N.cm and using twice may be possible if less than 100 N.cm).
- * Sufficient irrigation is required when removing the fixture.
- * When the maximum torque is exceeded, the fixture may be bent or fractured. * If the fixture can not be removed even with maximum torque, remove the Fixture Remover & F/R Screw, remove bones around fixture using round bur and retry to remove.

2. Screw Removal System

Talon Drill

- (1) Check the broken screw size inside the fixture.



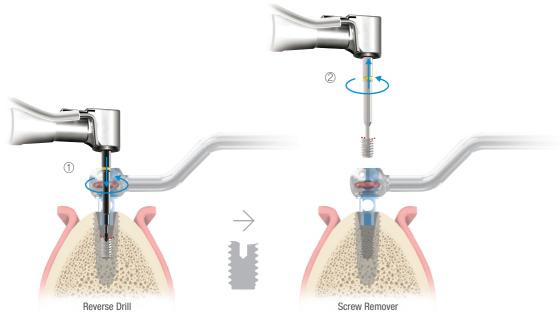
* If the I Guide and fixture could not be correctly connected, the path is not correct.

Reverse Drill & Screw Remover

If the screw could not be removed by the Talon Drill

① Form the hole on the fractured screw (depth 1~2mm / counterclockwise / 1,200~1,400 rpm).

(2) Use the Screw Remover according to the created drill hole, remove the screw by pressing force (counterclockwise, 80 N.cm).



* If the path of the I Guide and fixture did not match, It would be difficult to remove the screw because the drill hole is away from the center of the screw.

* Reverse drilling requires removal of chips by irrigation & suction.

- * The fractured screw may be removed during reverse drill hole creation.
- X If necessary, fasten to the Machine Adapter and use the hand or Torque Wrench.



3. Abutment Removal System

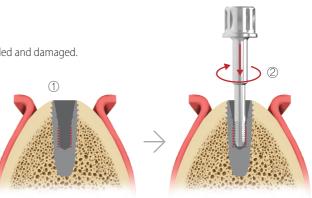
Abutment Remover

① Used when 2 piece type abutment is fractured. (2) Connect to the Abutment Remover (clockwise). ③ Connect correctly and wiggle to left and right side.

3 (2)1

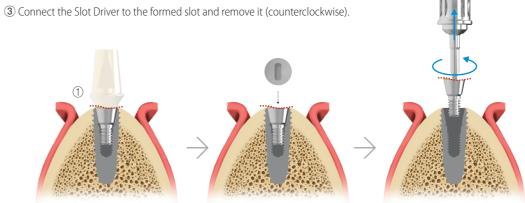
Tap Repair

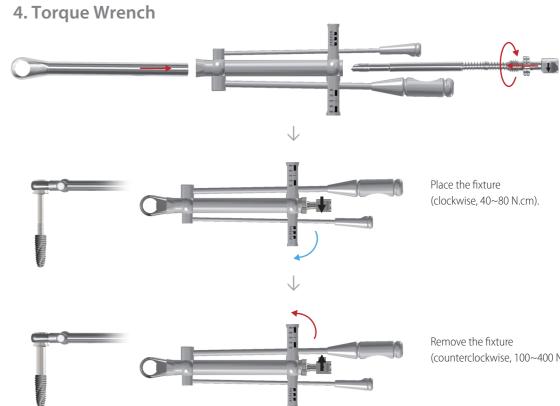
① Used when the thread inside the fixture is occluded and damaged. (2) Reproduce the thread using the Tap Repair.



Slot Driver

① Used for the damaged solid abutment (1piece type), healing abutment and cover screw. (2) Form a slot on the surface of the damaged abutment using round bur.





(counterclockwise, 100~400 N.cm).

MFR Kit (Multi-Functional Removal™ Kit)

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