

## ● Handling of Motor and Handpiece

### (1) Insertion or Removal of Bur

The chuck is opened by turning the Chuck Control Ring to an open position. The chuck is loosened and the bur can be removed. By turning the Chuck Control Ring in the LOCK direction, the chuck is closed and the bur can be mounted. At this time, turn the ring until it clicks. (Fig. 9)

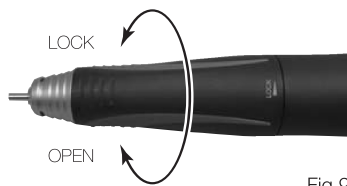


Fig.9

### ⚠ CAUTION

- Do not turn the Ring during motor rotation.
- Do not turn a motor, when it has not attached bur or the Ring Open position. It may be reasons for the failure or overheating of the handpiece.

### (2) Cleaning and Replacement of Chuck

#### (1) Removal of Chuck

To remove the chuck, open the Chuck Control Ring and turn the chuck counterclockwise with the provided spanner wrench. (Fig. 10)

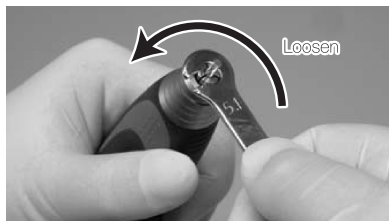


Fig.10

\* If a bur having a large diameter of a cutting part is used under a high torque, the chuck may rotate in the close direction and the bur may be stuck and cannot be removed. In this case, align the nose's slit and spindle's spanner position (flat part), and apply an L spanner to fix the spindle. Open the Chuck Control Ring and turn the chuck counterclockwise with the provided spanner wrench to remove it. (Fig. 11)



Fig.11

#### (2) Cleaning of Chuck

To keep accuracy for the Chuck remove and clean the chuck as frequently as possible in the ultrasonic cleaner. Clean at least once a week.

### ⚠ CAUTION

Neglecting to clean the chuck for a long time is very dangerous because wax, gypsum, etc., accumulate in the chuck and the bur is caught insecurely, causing runout.

### (3) Insertion of Chuck

Thinly apply oil before insertion. Open the Chuck Control Ring, insert the dummy bur or the bur in use into the chuck, and turn the chuck clockwise by hand until it stops. Then, lock the Chuck Control Ring, and the chuck could hold the bur securely. (Fig. 12)



Fig.12

### ⚠ CAUTION

Before using the handpiece, make sure to pull the rotating instrument (bur, etc.) to check that it is securely mounted.

### 3. Disconnecting and Connecting of Motor Cord to Motor

Remove the cord nut at the rear end of the motor, and the motor cord connector can be pulled out. For connection, align the connector pin and the hole in the motor cord connector, and insert the connector straight until it stops. Then, tighten the cord nut. (Fig.13)

\* When inserting the connector, do not turn or twist it.

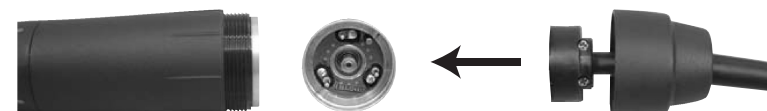


Fig.13

### 4. Disconnecting Handpiece from Motor

The handpiece and motor are screwed at the midpoint. Firmly grasp the motor outer case and the handpiece outer case and turn it counterclockwise to disconnect. (Fig. 14).



Fig.14

### ⚠ CAUTION for Handpiece connection

When connecting the handpiece to the motor, turn the handpiece clockwise and tighten firmly. If the clutch is not engaged properly, the handpiece cannot be tightened completely. In such case, Do Not Force. Loosen the handpiece and turn the bur briefly to re-position the drive dog. Reconnect the handpiece and tighten securely. (Fig. 15)

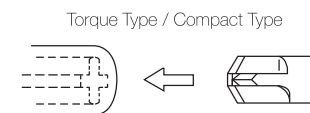


Fig.15