

## 430 TORQUE HANDPIECE TROUBLESHOOTING

### **Problem: LACK OF POWER**

**Cause:** Air pressure too low

**Correction:** Verify proper handpiece air pressure. (Refer to Handpiece Installation in IFU.)

**Cause:** Worn out turbine

**Correction:** Refer to Turbine Replacement in IFU.

**Cause:** Swivel/Handpiece not threaded fully onto tubing

**Correction:** Refer to Handpiece Installation in IFU.

### **Problem: WATER LEAKAGE**

**Cause:** Brittle handpiece and/or swivel rear seal

**Correction:** Replace rear seal for 4-line, "Green" **StarDental**® Part #202897, and for 6-line, "Green" **StarDental** Part #262520. For 4-line HiFlo swivel, replace "Black" **StarDental** Part #263734 and for 6-pin HiFlo swivel, "Black" **StarDental** Part #263770.

**Cause:** Swivel O-rings worn

**Correction:** Replace both O-rings at the front of swivel using **StarDental** Swivel O-ring Kit. See Replacement Part Numbers in IFU.

### **Problem: IMPROPER SPRAY**

**Cause:** Clogged filters, tubes or water ports

**Correction:** Inspect and clean water filter in delivery head. Disconnect handpiece. Depress foot control; verify water exits the swivel. (If water does not come from swivel, refer to the swivel's instruction manual.)

**Cause:** Brittle handpiece/swivel rear seal

**Correction:** Replace rear seal

**Cause:** Swivel O-rings worn

**Correction:** Replace both O-rings at the front of swivel using **StarDental** Swivel O-ring Kit. See Replacement Part Numbers in IFU.

**Cause:** Clogged spray ports

**Correction:** Use clean-out wire to unclog ports.

### **Problem: BUR LOCKS IN AUTOCHUCK**

**Cause:** Debris build-up in chucking mechanism

**Correction:** Clean with Junk-Out Chuck Cleaner P/N 263790

**Cause:** Use of non-ISO burs

**Correction:** Always use ISO burs.

### **Problem: BUR SLIPS IN AUTOCHUCK**

**Cause:** Debris build-up in chucking mechanism

**Correction:** Clean with Junk-Out Chuck Cleaner P/N 263790

**Cause:** Use of non-ISO burs

**Correction:** Always use ISO burs

**NOTE:** Refer to the 430 Torque Manual IFU for full instructions for use and caution/warning statements.