Limited Warranty

O-Rings and Seals are specifically excluded from this warranty.

DentalEZ® warrants Swivel Connectors for 1 year from the date of purchase.*

Please note the following additional terms of our warranty policy:

- Warranties cover manufacturing defects only and do not cover defects resulting from abuse, improper handling, cleaning, care or maintenance, normal wear and tear or non-observance of operating, maintenance or installation instructions. Failure to use authorized parts or an authorized repair facility voids this warranty.
- Liability is limited to repair or replacement of the defective product at our sole discretion. All other liabilities, in particular liability for damages, including, without limitation, consequential or incidental damages are excluded.
- THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Liability is limited to repair or replacement of the defective product at our sole discretion. All other liabilities, in particular liability for damages, including, without limitation, consequential or incidental damages are excluded.
- NO EMPLOYEE, REPRESENTATIVE OR DEALER IS AUTHORIZED TO CHANGE THIS WARRANTY IN ANY WAY OR TO GRANT ANY OTHER WARRANTY.

*Provided conditions in warranty are met.

Contents

• Specifications
• Installation of Swivel Connectors
• Cleaning
• Troubleshooting
• O-Rings & Rear Seal Replacement
• Replacement Part Numbers
• Warranty

Specifications

<table>
<thead>
<tr>
<th>Swivel P/N</th>
<th>Description</th>
<th>For Use With</th>
</tr>
</thead>
<tbody>
<tr>
<td>260152</td>
<td>2/3-Line</td>
<td>Titan® Motor</td>
</tr>
<tr>
<td>260194</td>
<td>4-Line</td>
<td>Titan Motor</td>
</tr>
<tr>
<td>261550</td>
<td>2/3-Line</td>
<td>430 SW, Titan SW Sonic Scalers</td>
</tr>
<tr>
<td>261547</td>
<td>4-Line</td>
<td>430 SW, Titan SW Sonic Scalers</td>
</tr>
</tbody>
</table>

Swivel Connectors (Non HiFlo and Non Fiber Optic)

For new products, manuals and technical information, call 1-866-DTE-INFO or visit our web site @ www.dentalez.com.

For peak performance, clean swivel and mating parts daily or as needed.

Note: Do not attempt to disassemble swivel.

Cleaning

Clean area from bearing/spring assembly at rear of swivel using isopropyl alcohol and a toothbrush. Dry using syringe air. (See the following illustration.)

Note: All swivels may be sterilized with steam sterilization process.

Swivel Installation

Note: Use an air pressure gauge to adjust the pressure to the appropriate psi as recommended in the specified handpiece manual. It is recommended to use air pressure gauge, StarDental® Part #262591. Handpiece must be connected prior to taking pressure reading.

1. Disconnect handpiece from swivel; disconnect swivel from tubing. Depress foot control, verify water exits tubing.
2. Connect swivel to tubing. Depress foot control again. If almost no water exits front of swivel, clean as follows:
3. Slide tubing coupler back until the end of the ISO connector is exposed.
4. Align and insert fittings of the swivel into the ISO connector holes of the tubing.
5. Slide tubing coupler forward and thread clockwise until hand tight against the swivel.
6. Use the disconnect wrench, StarDental® Part #203048, to tighten the swivel to the tubing coupler. Be sure to turn the tubing coupler while holding the swivel in place. DO NOT OVERTIGHTEN.
7. Adjust water volume at delivery head to obtain a satisfactory spray mist.
8. Snap handpiece onto the swivel.

CLEANING Mating Parts of Swivel

To optimize operation of the swivel connector, swab all internal surfaces of the handpiece with a cotton swab soaked in isopropyl alcohol until clean. Dry using syringe air. (See the following illustration.)

Note: The following steps apply only to swivels with a water tube. StarDental® Part #5 262157 and 262150. 

1. Disconnect handpiece from swivel; disconnect swivel from tubing. Depress foot control, verify water exits tubing.
2. Align and insert fittings of the swivel into the ISO connector holes of the tubing.
3. Slide tubing coupler forward and thread clockwise until hand tight against the swivel.
4. Use the disconnect wrench, StarDental® Part #203048, to tighten the swivel to the tubing coupler. Be sure to turn the tubing coupler while holding the swivel in place. DO NOT OVERTIGHTEN.
5. Adjust water volume at delivery head to obtain a satisfactory spray mist.
6. Snap handpiece onto the swivel.
Troubleshooting

Problem: WATER LEAKAGE
Cause: Brittle swivel silicone rubber rear seal
Correction: Replace silicone rubber seal.
StarDental Part #202897 for 4-line and/or StarDental Part #203103 for 2/3 line.
(Refer to O-Rings & Rear Seal Replacement.)

Problem: SWIVEL WILL NOT DISENGAGE FROM HANDPIECE
Cause: Buildup of debris
Correction: Place a few drops of DentaLube II, StarDental Part #262539, into threaded area of the bearing/spring assembly to disengage handpiece. (Refer to Cleaning.) To prevent reoccurrence, clean swivel/handpiece connector.

Note: If a problem persists, contact dealer for further assistance; or, contact StarDental Technical Service at 1-866-DTE-INFO.

O-Rings & Rear Seal Replacement

Periodically replace the O-rings with StarDental Part #259884.
Seals wear with repeated use. Once a year or as needed, replace the rear seal for the 2/3-line swivel with StarDental Part #203103, the 4-line with StarDental Part #202897.

Replacement Part Numbers

Always insist on StarDental parts for best performance.

<table>
<thead>
<tr>
<th>Description</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>Swivel, 2/3-Line for Titan Motor</td>
<td>260152</td>
</tr>
<tr>
<td>Swivel, 4-Line for Titan Motor</td>
<td>260144</td>
</tr>
<tr>
<td>Swivel, 2/3-Line for 430 SW and Titan SW Sonic Scalers</td>
<td>261550</td>
</tr>
<tr>
<td>Swivel, 4-Line for 430 SW and Titan SW Sonic Scalers</td>
<td>261547</td>
</tr>
<tr>
<td>Disconnect Wrench</td>
<td>203048</td>
</tr>
<tr>
<td>Cleaning Wire (Gauge: 0.008, Pkg. of 2)</td>
<td>256719</td>
</tr>
<tr>
<td>Silicone Rubber Rear Seal, 2/3-Line (Pkg. of 3)</td>
<td>203103</td>
</tr>
<tr>
<td>Silicone Rubber Rear Seal, 4-Line (Pkg. of 3)</td>
<td>202897</td>
</tr>
<tr>
<td>O-Rings (2 Large, 2 Small) for all Swivel Connectors</td>
<td>259884</td>
</tr>
<tr>
<td>Air Pressure Gauge for 4/6-Line</td>
<td>262591</td>
</tr>
<tr>
<td>DentaLube II</td>
<td>262539</td>
</tr>
</tbody>
</table>

Important Notice About Returning Product To The DentalEZ Group

Anyone wishing to return any DentalEZ Group product to a DentalEZ facility MUST obtain the proper RETURN AUTHORIZATION NUMBER from the Customer Service Department. The RA Number must appear clearly marked on both the outside and inside of the returned product carton. When calling for a return authorization number you will be asked to provide the following information:

- Product Name, Model Number or Part Number
- Serial Number of Product
- Dealer Return Purchase Order Number
- Reason For Return
- Copy of Invoice Showing Purchase

To Obtain A Return Authorization Number Call 1-866-DTE-INFO

Items will be evaluated. Return Authorization Number is not a guarantee for credit. Your cooperation with this procedure will help us expedite processing of any returns.