

Caution: Federal law restricts this device to sale by or on the order of a dentist.

Non-Sterile  
Medical Device



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Printed in the U.S.A.  
©2019 DentalEZ, Inc.  
065144, F. Date of Issue 2019-03-31

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**BEFORE OPERATING THE SWIVEL CONNECTOR, CAREFULLY READ AND FOLLOW ALL OF THESE INSTRUCTIONS. SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE AND OBSERVE ALL WARNINGS AND CAUTIONS.**

### Indications For Use

Swivel connectors are used to adapt the handpiece to the dental unit delivery tubing. Drive air, coolant air, water and as applicable fiber optic lighting are supplied through the swivel.

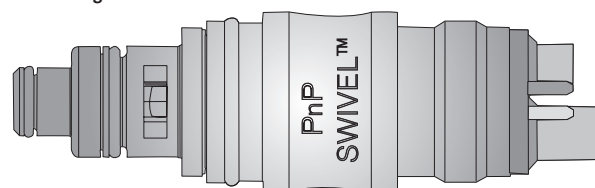
**NOTICE** Any serious incident occurring from the use of this device should be reported to StarDental immediately. If incident occurred in a EU Member State the Competent Authority must be notified.

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### Description

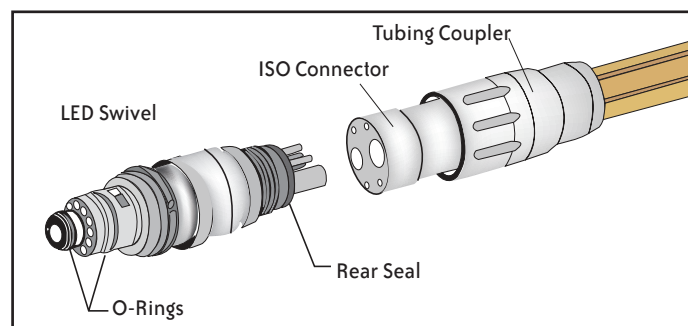
The Fiber Optic (F.O.) 6-Pin ISO Type C, LED HiFlo Swivel is designed to connect to StarBright Fiber Optic Handpiece Tubing or standard (non-Star) ISO C tubing. The StarBright® Plug n' Play™ LED Swivel is compatible with all 3.0-3.3 Volts DC volt fiber optic systems. Verify that the fiber optic system is putting out 3.0-3.3 Volts DC volts before installing LED swivel.



### Swivel Installation

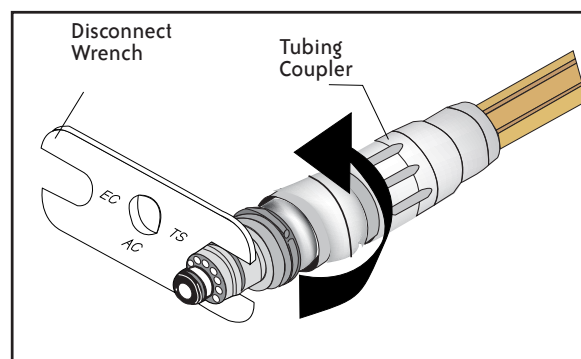
**Note:** Use an air pressure gauge to adjust the pressure to the appropriate psi as recommended in the specified handpiece manual. It is recommended to use air pressure gauge, **StarDental®** Part #262591, for the HiFlo swivels.

Handpiece must be connected prior to taking pressure reading.



**NOTE:** If you have a previous model LED Swivel with in-line regulator, the in-line regulator will need to be removed in order for the StarBright® Plug n' Play™ LED Swivel to function.

1. Slide tubing coupler back until the end of the ISO connector is exposed.
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 provided, **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. Snap handpiece onto the swivel.
6. Adjust water volume at delivery head to obtain a satisfactory spray mist.



**NOTE:** The swivel tubing connection may loosen over time, resulting in water leaks and/or loss of power. Check for tightness periodically.

### Cleaning

Instructions	
<b>CAUTION</b>	<p> This swivel cannot be steam sterilized.</p> <p> This product cannot be cleaned and disinfected with a Thermo-Disinfectant.</p>
<b>NOTICE</b>	<p>Do not clean with high acid water or sterilizing solutions. Do not wipe with or immerse in high acid water or sterilizing solutions. These procedures may discolor the swivel.</p>
<b>Cleaning</b>	<ol style="list-style-type: none"> <li>1. With the swivel attached to the handpiece, wipe all exposed areas of the swivel with a CaviCide™ wipe.</li> <li>2. Disconnect handpiece from swivel; disconnect swivel from tubing. Depress foot control, verify water exits tubing.</li> <li>3. Connect swivel to tubing. Depress foot control again. If almost no water exits front of swivel, clean as follows. <ol style="list-style-type: none"> <li>a. Remove swivel and find water tube on front face of swivel.  </li> <li>b. Remove and disassemble duckbill valve assembly as shown on above illustration before inserting cleaning wire, <b>StarDental</b> Part #256719, into water tube of swivel. When wire will not insert, move wire back and forth to loosen debris at blockage.</li> <li>c. Remove wire and apply a blast of syringe air into water tube.</li> </ol> </li> </ol> <p>Every exposed optical surface of the swivel ultimately decreasing the light output. To maintain maximum intensity, clean each surface weekly with an isopropyl alcohol soaked cotton swab. Use firm rubbing motion to remove debris and mineral deposits. See the illustration below denoting the surfaces to clean</p>
<b>NOTICE</b>	<p><b>Remove the black duckbill valve inside the 6-Line StarBright Plug n' Play LED Swivel from its housing before using cleaning wire, failure to do so might damage the valve. See previous illustration.</b></p>
<b>Cleaning Optical Surfaces on the Swivel</b>	<p>Every exposed optical surface of the swivel ultimately decreasing the light output. To maintain maximum intensity, clean each surface weekly with an isopropyl alcohol soaked cotton swab. Use firm rubbing motion to remove debris and mineral deposits. See the illustration below denoting the surfaces to clean</p>

