

# IRRI-VAC CONNECTOR VALVE O-RINGS

## ASI TECHNICAL GUIDELINE FOR 95-0504

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### PURPOSE

This technical guideline provides instructions for replacing the O-rings in an Irri-vac connector.

### PARTS INCLUDED

- O-rings, #10, Irrigator, package of 10
- Silicone dielectric grease

### TOOLS REQUIRED

- Tweezers or needle-nose pliers

#### IMPORTANT!

**Before commencing on the following instructions, please read and follow all applicable warnings/cautions listed at the end of this technical guideline.**

### INSTRUCTIONS

- 1 Turn off air supply to irrigation bottle housing.
- 2 Unscrew an irrigation bottle to relieve compressed air in system.
- 3 While holding the metal body of the irrigation handpiece, unscrew the white handle from the base and slide down tubing, then remove the head of the irrigator. (Fig. 1)



Fig. 1

- 4 Separate the titanium portion of the handpiece and the coupler. Remove the irrigator head. (Fig. 2)



Fig. 2

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- 5 Once the two parts of the handpiece are separated, remove the small O-rings from each part using tweezers or pliers. (Fig. 3)

**i** *The handpiece will either have one connector as shown in Fig. 3, or three connectors as shown in Fig. 4*



Fig. 3

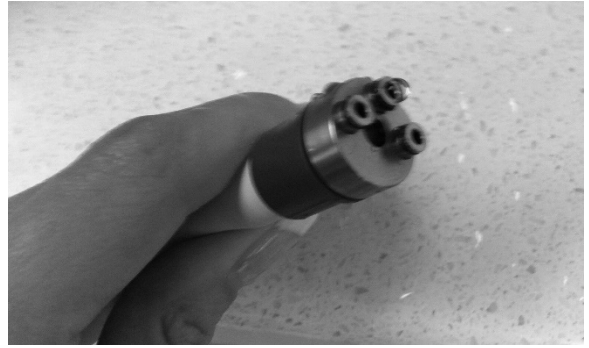


Fig. 4

**i** *When replacing the O-Rings, make sure to roll them into place. If they are pulled on with a tool, they may be nicked, creating a leak in the handpiece. It may be helpful to stretch the O-rings over a pen/pencil tip, then roll them into place.*

- 6 Attach the new O-rings on both parts of the handpiece; applying the supplied O-ring grease to all O-rings before placing the two parts of the handpiece back together.

**i** *Do not use petroleum jelly (e.g., Vaseline®) as it will degrade the O-ring.*



Fig. 5

- 7 Reassemble handpiece in reverse order.  
Turn system on and run irrigation handpiece to verify there are no leaks.

## WARNINGS/CAUTIONS

In addition to observing the normal precautions associated with standard dental practices and procedures, the following additional precautions should be strictly noted and observed during the set-up, operation, and maintenance of this system.



### WARNING

#### QUALIFIED PERSONNEL ONLY

The product should only be operated by qualified personnel only. The operator bears responsibility for the correct settings and proper use of the system. ASI Dental (ASI) cannot be held liable for any malfunction of this product, or performance failure and/or its designed or desired utility, nor can ASI be held liable for injuries to persons or animals, in any case when the device is misused or not operated, applied or maintained in strict accordance with user/owner instructions set out in the operation manual. In the event of any doubt or question, the user is to contact ASI for clarification or assistance.

Improperly maintained or operated systems or instruments may void the associated warranties.

### AVERTISSEMENT

#### PERSONNEL QUALIFIÉ UNIQUEMENT

Le produit ne doit être utilisé que par du personnel qualifié. L'exploitant est responsable des réglages corrects et de l'utilisation correcte du système. ASI Dental (ASI) ne peut être tenu responsable de tout dysfonctionnement de ce produit, ou d'une défaillance de performance et/ou de son utilité conçue ou souhaitée, et ASI ne peut être tenu responsable des blessures aux personnes ou aux animaux, en tout cas lorsque l'appareil est mal utilisé ou pas utilisé, appliqué ou entretenu en stricte conformité avec les instructions de l'utilisateur/propriétaire énoncées dans le manuel d'utilisation. En cas de doute ou de question, l'utilisateur doit contacter ASI pour obtenir des éclaircissements ou de l'aide.

Des systèmes ou instruments mal entretenus ou mal exploités peuvent annuler les garanties associées.



### CAUTION

#### CAUSTIC OR CORROSIVE CHEMICALS

The irrigation system may contain chemicals that are caustic or corrosive. Always verify with the operator of the system to determine which chemicals they are using within the system. Always follow workplace safety protocols when doing maintenance or service of the system including the wearing of face mask, eye protection and gloves for proper protection of exposed skin, breathing and eyes.

### MISE EN GARDE

#### PRODUITS CHIMIQUES CAUSTIQUES OU CORROSIFS

Le système d'irrigation peut contenir des produits chimiques caustiques ou corrosifs. Vérifiez toujours auprès de l'opérateur du système pour déterminer quels produits chimiques ils utilisent dans le système. Suivez toujours les protocoles de sécurité sur le lieu de travail lors de la maintenance ou de l'entretien du système, y compris le port d'un masque facial, d'une protection oculaire et de gants pour une protection adéquate de la peau, de la respiration et des yeux exposés.