

## Service bulletin Cylinder connection

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INTERSPIRO February 15, 2006

### ANNOUNCEMENT

CONNECTOR WASHER P/N 96944-51 (10 PACK) MODIFICATION  
& NIPPLE TIP O-RING P/N 336-190-437 (10 PACK) UPGRADE

### APPLIES TO

SPIROMATIC, SPIROMATIC S SERIES AND SPIROTEK T SERIES MODEL SELF-CONTAINED BREATHING APPARATUS (SCBA) WITH CGA CYLINDER CONNECTION

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### DESCRIPTION

Interspiro requires the following modification to all SCBAs in the above referenced series, at the next annual maintenance interval, or sooner. This modification to the SCBA Regulator CGA 347 (4500 psi) and CGA 346 (2216 psi) Cylinder Valve Connection consists of Connector washer P/N 96944-51 (10 pack) and Nipple Tip O-ring P/N 336-190-437 (10 pack) to allow for an improved connection. The new O-ring has a higher tensile strength resulting in an improved resistance to extrusion and wear, and has an improved compression set resistance.

**NOTE:** Only individuals holding a valid Interspiro Service Certificate may perform this modification.

### ACTION

#### Assembly of Connection Washer

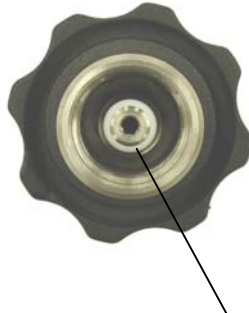


The Connector Washer, P/N 96944-51 (10 pack), is installed between the Connection Nipple and Handwheel Connector as shown above. Lubricate the Connector Washer P/N 96944-51 (10 pack) with Silicone Fluid P/N 336-800-307 or Silicone Lubricant P/N 331-100-269 before installation on the Connection Nipple. Be careful to not allow silicone fluid or grease to get onto the Connection Nipple threads. Refer to existing SCBA Service Manuals for Inlet Filter replacement, Loctite, and Connection Nipple torque requirements.

## Assembly of Nipple Tip O-ring



Black nipple tip o-ring,  
P/N 336-190-437 10 pack



White nipple tip o-ring,  
P/N 336-190-437 10 pack

The nipple tip o-ring P/N 336-190-437 (10 pack) is being upgraded from the current black polyurethane version to a white polyurethane o-ring. To install, unscrew the nipple tip using a 1/8" hex key and remove the black o-ring. Use a small steel brush to clean the thread of the nipple tip. Lubricate the white o-ring by applying a small amount of lubricant 331-900-269 and place the o-ring on the nipple tip. Apply a small amount of loctite 331-900-035 at the middle of the outer thread of the nipple tip. Screw in the nipple tip as far as it will go and tighten with a moderate torque. (Refer to existing Interspiro SCBA Service Manuals).

## ANNUAL REPLACEMENT

The Connector Washer P/N 96944-51 (10 pack) and the Nipple Tip O-ring P/N 336-190-437 (10 pack) should be replaced annually, along with the annual Inlet Filter change. Purge all current stock of black O-rings (P/N 336-190-437) and re-stock with the recommended white O-ring. All new Interspiro SCBA delivered after release of this Service Bulletin, February 15, 2006 will include this Connector Washer and new O-ring.

## CONTACT INFORMATION

If you have questions or require any technical assistance regarding this notice, please contact Interspiro at 262-947-9901 or via e-mail at [info@interspiro.com](mailto:info@interspiro.com).

If you are calling from outside of North America, dial your overseas code, then 1-262-947-9901.

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