

**INSTALLATION INSTRUCTIONS FOR FILTRATION ADAPTER KIT  
USED ON TUBES IN SAPPHIRE, EMERALD, OR DIAMOND HOUSINGS****IK-163  
(F/A 7576)**

**DESCRIPTION:** The IK-163 is an adapter kit designed to allow the installation of multiple aluminum discs of varying thickness such that the beam filtration without the collimator can be adjusted from insert inherent filtration level to 3.0mm of Aluminum maximum. (Value of filter discs: 0.5mm, 0.8mm, & 1.0mm)

The intent of this adapter kit is to initially provide a total filtration of 1.5mm Aluminum at the tube unit (0.7mm inherent plus 0.8mm added) along with a label indicating 1.5mm total filtration. The installation company is then responsible for the labeling and installation of other filter values. The installation company is also responsible for local regulations regarding total filtration.

**INSTALLATION TO MEET 1.5mm TOTAL FILTRATION:**

**CAUTION – DO NOT REMOVE PORT RETAINING PLATE!**

**USE PROPER RETAINING RING TOOLS AND EXERCISE EXTREME CARE TO NOT DAMAGE THE Pb RETAINING SHOULDER.**

Refer to page 2 drawing for part location

Install the 0.8mm Aluminum Disc

Install item (3) Retaining Ring

Apply 1.5mm Total Filtration label directly under the tube unit Minimum Filtration label.

**INSTALLATION TO PROVIDE ADDITIONAL FILTRATION BEYOND THE INITIAL 1.5mm TOTAL:**

**CAUTION – DO NOT REMOVE PORT RETAINING PLATE!**

**USE PROPER RETAINING RING TOOLS AND EXERCISE EXTREME CARE TO NOT DAMAGE THE Pb RETAINING SHOULDER.**

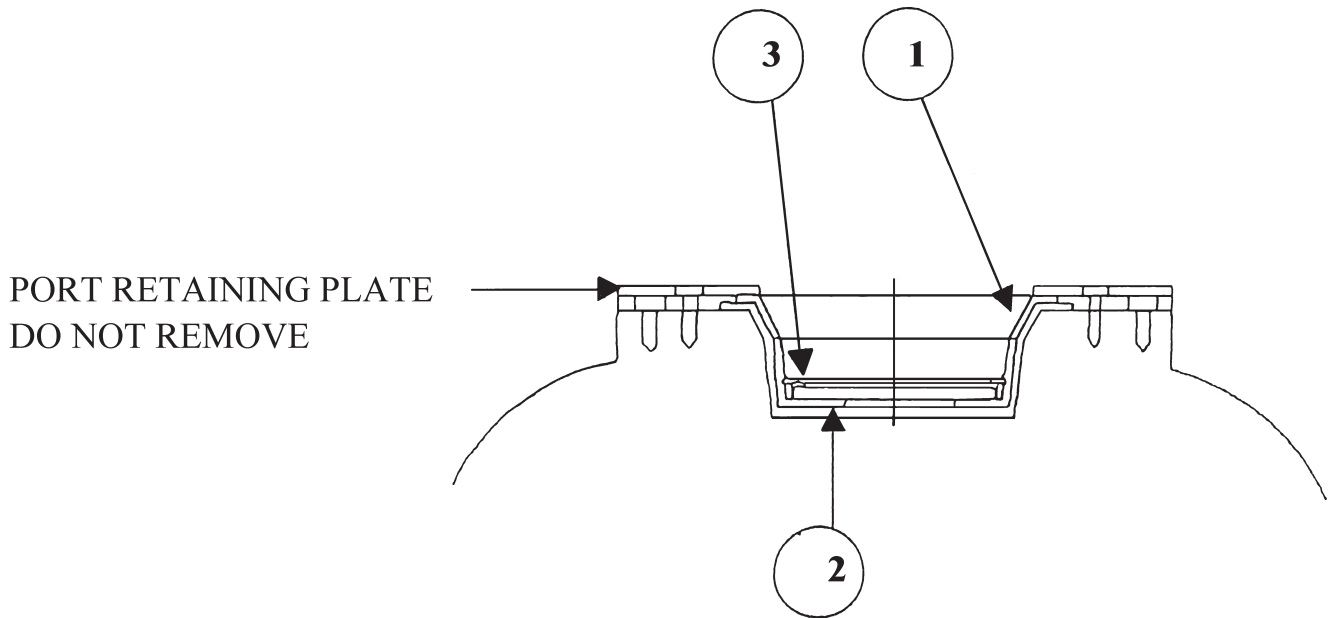
Remove item (3) Retaining Ring

Install Aluminum discs to achieve total filtration requirement (0.5mm and 1.0mm available)

Install item (3) Retaining Ring

Apply Total Filtration label provided by installer

**INSTALLATION INSTRUCTIONS  
FOR ADAPTER KIT IK 163**



ITEM #	NAME
1	Pb FILTRATION CONE
2	AL FILTER DISK
3	RETAINING RING