

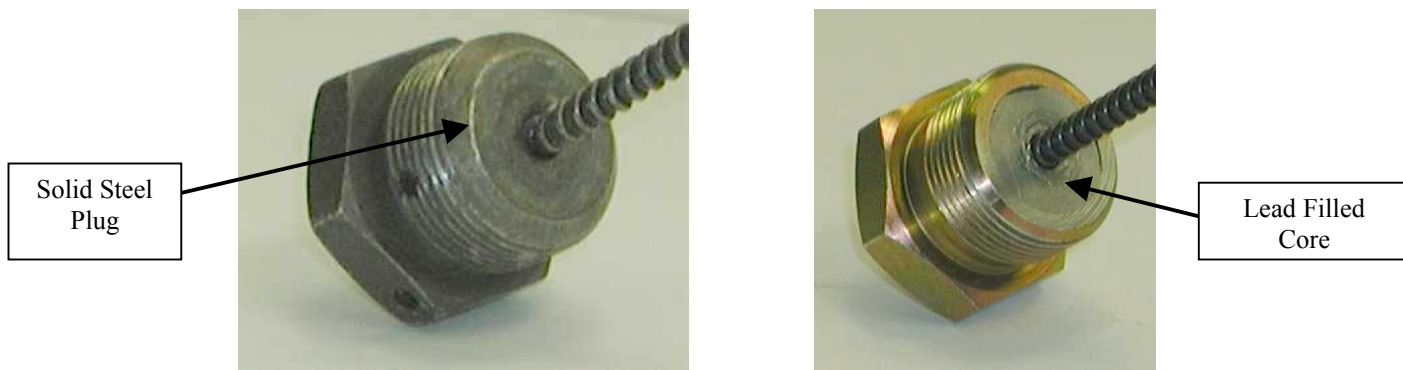
SERVICE BULLETIN

Purpose: This service bulletin provides guidance related to old style shipping plugs which may be in use with the devices listed below. This information is to be used in conjunction with the applicable operating instruction manuals:

- Model 660, 660E, 660A, 660AE, 660B and 660BE exposure devices
- Model 684, 684E, 684A, 684AE, 684B and 684BE exposure devices
- Model 741, 741E, 741A, 741AE, 741B and 741BE exposure devices
- Model 680, 680E, 680A, 680AE, 680B and 680BE exposure devices
- Model 676, 676E, 676A, 676AE, 676B and 676BE exposure devices

Exposure Device Shipping Plugs

Currently all shipping plugs provided with these devices contain a lead filled plug with an attached teleflex cable. Prior to 1981, these shipping plugs were made from solid steel instead of lead. The steel and lead versions of these shipping plugs are shown below:



“Old Style” Steel Shipping Plug

ANSI/ISO Compliant Lead Filled Shipping Plug

Please be aware that old style steel shipping plugs may not have sufficient shielding to reduce dose rates on the outside of the shipping plug to 200 mR/hr or less when the device is fully loaded (ANSI N432, Jan 1981 and ISO CD 3999-2000). The source capacity for some of these units is for a greater activity than existed when the steel shipping plugs were provided therefore dose rates above 200 mR/hr may exist if the steel plugs are used and the device is loaded to capacity.

If you have a steel shipping plug it is recommended that it be replaced with the current design lead filled style shipping plug. If you have any questions regarding this bulletin, please contact an AEA Technology QSA, Inc. Customer Service Center for assistance.