

MEDIA BARRIER KIT INSTALLATION

H-3123 SUBMERSIBLE PRESSURE TRANSDUCER

The following instructions outline how to install the Media Barrier Kit on the H-3123 Submersible Pressure Transducer.

What's In The Kit

| Standard Items | Quantity |
|---------------------|----------|
| Media Barrier Mount | 1 |
| Protective Housing | 1 |
| O-Ring | 1 |
| Media Barrier Bag | 4 |

*You will also need an H-3123 Submersible Pressure Transducer.

Note: Media barrier kits manufactured after 2/1/2016 will only work on H-3123 units with a serial number of 16C or later. Units manufactured before this time will need to be returned to YSI for a hardware update before you can install the media barrier kit.



Submersible Pressure Transducer with cable

General Installation Recommendations

Remove Nose Cone

1. Loosen existing nose cone from pressure transducer by turning it counter clockwise (ccw).
2. Once fully loosened remove nose cone from body of pressure transducer.
3. Save nose cone in a safe place. It will be needed if you ever need to use the pressure transducer without a media barrier kit in the future.



Remove the H-3123 Nose Cone

Install Media Barrier Mount

1. Place the media barrier mount at the end of the pressure transducer where the nose cone was located previously.
2. Screw mount into the end of the pressure transducer until snug.



Screw the mount into the end of the H-3123

Install Media Barrier Bag

1. Submerge body of pressure transducer, a new media barrier bag and O-ring under clean water (DI or distilled).
2. Ensure that the media barrier bag is filled with water and there are no air bubbles.
3. Slide the media barrier bag over the media barrier mount and secure with supplied O-ring.
4. Check to make sure that there are no air bubbles in the sealed media barrier bag.



Install the Media Barrier Bag into the H-3123

Install Protective Housing

1. Remove the pressure transducer from the water.
2. Slide the protective housing over the media barrier bag and O-Ring.
3. Screw protective housing to the threads on the media barrier mount by turning clockwise (cw) until snug.



Install the Protective Housing over the Media Barrier Bag and O-Ring