

### 8.3. Spare Parts and Accessories

To order spare parts and/or accessories, please contact the nearest Gassonic Representative or, Gassonic directly, and give the following information:

- Part Number of Spare Part or Accessory
- Description of Spare Part or Accessory
- Quantity of Spare Part or Accessory

#### 8.3.1. Installation Drawings

805560: Wiring Drawing

#### 8.3.2. Calibration Equipment

80510-1: 1701 Portable Calibrator

#### 8.3.3. Test Equipment

SB100-1-1: SB100 Ultrasonic Bump Tester

#### 8.3.4. Spare Parts

Description	Part Number
Allen Screw M6x20	928-381
Lock Washer	928-651
O-ring	925-5108
Microphone	805773-1
Sound Source Assembly	805554-3
Magnet-stick	80499-1
Mounting Bracket and Hardware	80601-1
Windscreen	80333-1
Windscreen Support Assembly	805708-1
12 mm Ratcheting Wrench (for install and removal of microphone)	954-024
Relay Board Screw	805541-2
10mm Relay Board Spacer	928-459
Screw M4 x 16mm Relay Board Mounting	928-393

Table 33: Replacement Parts

### 8.3.5. Microphone Replacement

To replace the microphone, pull out the foam windscreen and unscrew the windscreen support assembly. Unscrew the microphone. Check to make sure that the new microphone (805773-1) has two spring-pin contacts. Be careful not to cross-thread the microphone as it is installed. It should screw in smoothly. Replace the windscreen support assembly and then the windscreen. Twist the windscreen back and forth a few times so that it seats properly over the support. Calibrate the instrument per the calibration procedure.

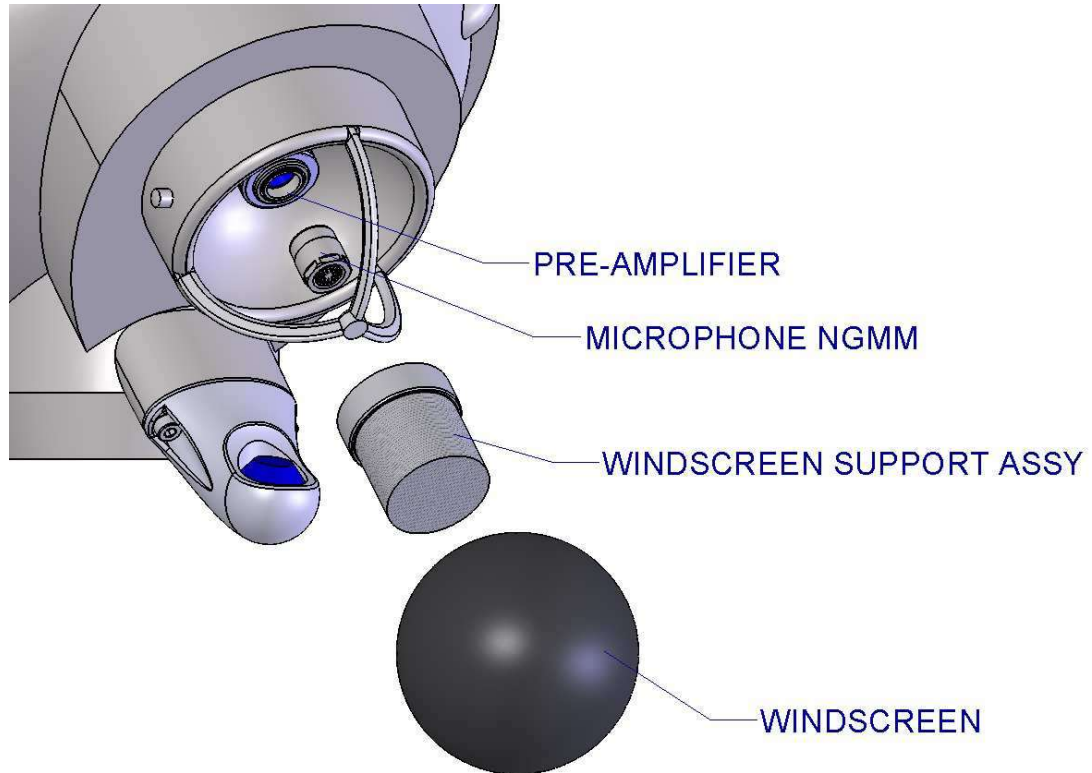


Figure 10: Microphone Replacement

### 8.3.6. Sound Source Assembly Replacement

To replace the sound source assembly (805554-3), loosen the 2 M4 screws. Remove the old sound source assembly and discard the O-ring. Replace the new O-ring and plug the two-pin connector into the sound source assembly. Tighten the two M4 screws. Perform a Sound Source Calibration (See section 8.4) and a Forced Acoustic Test, Section 4.5.2.

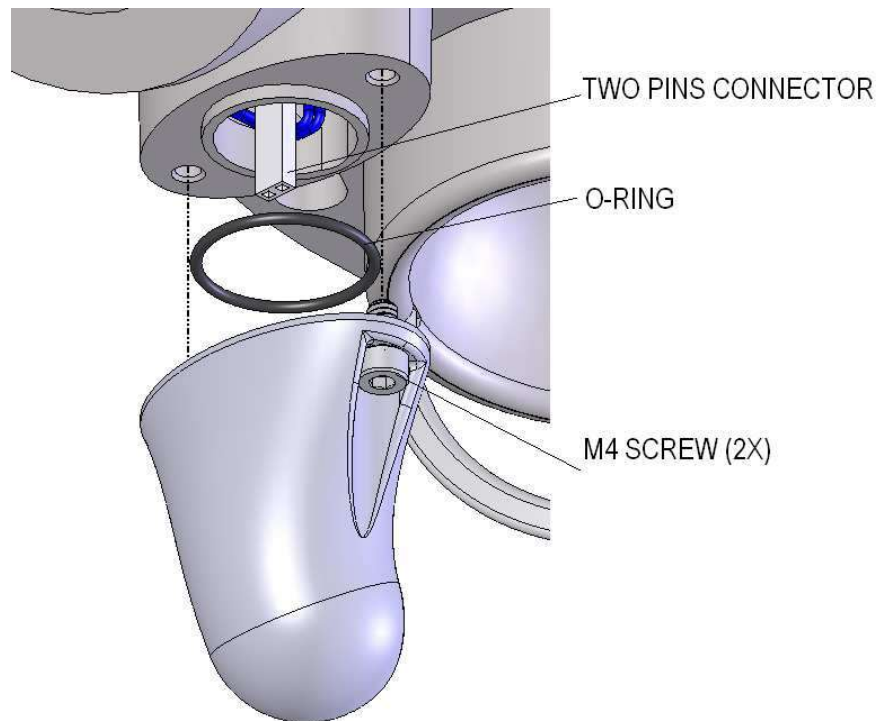


Figure 11: Sound Source Assembly Replacement

## 8.4. Sound Source Calibration

### 8.4.1. Considerations and Preparations

When performing a sound-source calibration, the unit needs to be powered up and the operator has to have access to the detector. Furthermore, a magnet-stick is needed for this operation.

When performing the sound-source calibration make sure that nothing is blocking the path from the sound-source to the microphone. Furthermore, ensure that the operator does not hold his/her hands close to the detector when the sound-source calibration is being performed. It is advised to stand behind the sound-source when performing the calibration.

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**NOTE:** Do NOT perform a sound source calibration unless you have **replaced** the sound source!

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### 8.4.2. Sound-source Calibration

Activate the UP-switch (▲) 7 times by means of the magnet-stick (7-UP). On the unit's display a "wait" indication will be seen for a few seconds. Afterwards an "S" will be displayed followed by the decibel (dB) level. This is the dB level output of the sound-source, and should be a value between 84 dB and 100 dB.