

Technical Data Sheet

Material No. 660-0231-02

VSM 300 Speaker Install Instruction


Description: VSM 300 Speaker and Gasket Replacement

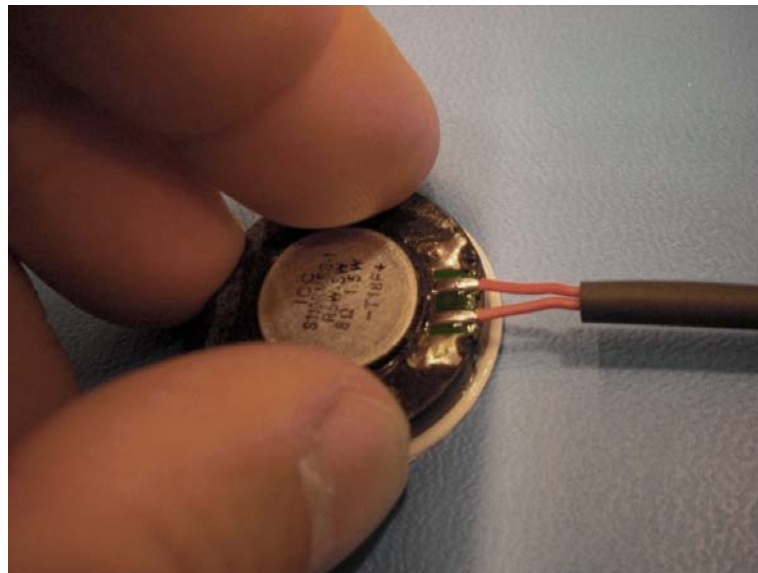
 **Caution** Avoid the following:

- Stacking or piling-up of unpackaged speakers
- Placing the speaker near a magnetic field with high gauss
- Rough handling of speaker assembly
- Placing pressure on speaker magnet and terminal area
- Pulling on speaker wires
- Applying direct pressure to the speaker Mylar cone

Procedure:

1. Obtain a P/N 600-0518-00 gasket, place on a flat clean surface, and remove paper to expose adhesive on top side.
2. Remove the new P/N 660-0231-02 speaker assembly from its packaging. Visually inspect the new speaker for any visible damage. Do not install on gasket if damaged.
3. Center the speaker on the gasket and apply pressure to the speaker outer rim only as shown below.

 **Caution** To avoid causing irreversible damage to the speaker, do not press on the magnet or wire terminal area.



4. Set speaker with gasket aside for later installation into the VSM 300 monitor.

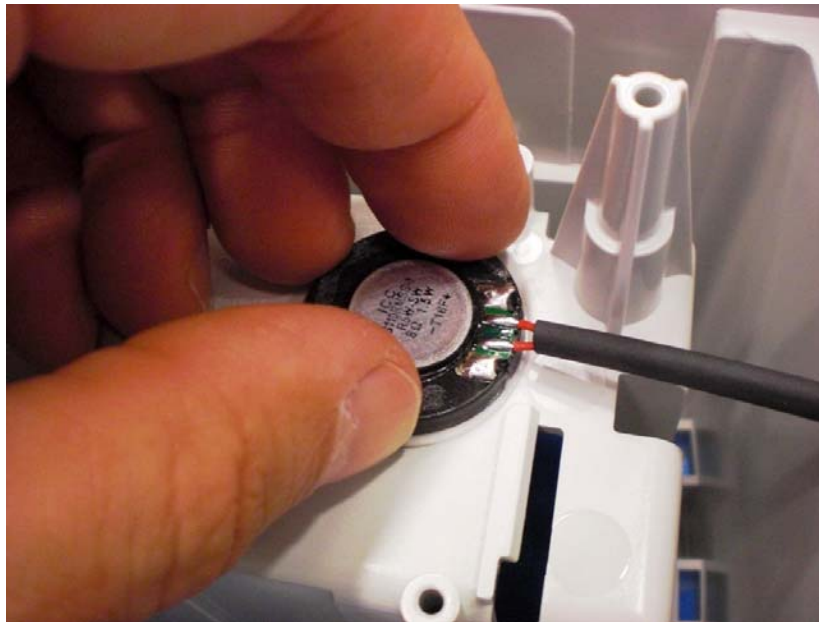
5. Using the VSM 300 Series Disassembly Procedures located in Service Manual P/N 810-1651-XX, perform the following disassembly procedures to access the speaker:
 - Remove and Disconnect the Battery
 - Separate the front and rear chassis
 - Disconnect and remove the Main Board from the Rear Chassis Assembly
 - Disconnect and Remove the NIBP Assembly

Note: It is not necessary to remove the printer or the NIBP pump

6. Remove the old speaker and gasket from the rear chassis by prying it loose.
7. Verify all gasket material has been removed from the chassis plastic molded speaker locating cavity and clean with isopropyl alcohol.
8. Carefully remove the paper backing from the gasket on the new speaker, exposing the adhesive on the chassis side of the gasket. Handle on the side to avoid contact with the magnet, wire, cone, and gasket's adhesive surface.
9. Place the speaker and gasket assembly into the chassis plastic molded speaker locating cavity, oriented as shown below.



Caution If speaker and gasket assembly are misaligned in the chassis, remove, discard and install a new speaker and gasket assembly.



10. Fully seat the gasket and speaker assembly by pressing on outer rim of speaker as shown above.



Caution To avoid causing irreversible damage to the speaker, do not press on the magnet or wire terminal area.

11. Re-assemble the VSM 300 unit by reversing the disassembly procedure.
12. Perform the following procedures per VSM 300 Service Manual P/N 810-1651-XX:
 - **Functional Verification Test**
 - **NIBP Characterization**