

SERVICE BULLETIN



Bulletin Number: 731419-B2

Product: F1 Model 812 Active, F1 Model 812 Passive and F1 Subwoofer loudspeakers.

Subject: Potential white mold spots on woofer(s).

Disposition: On all F1 Model 812 and F1 Subwoofer loudspeakers that were built before 12/10/16 (DOM 6344) that are sent in for repair or remanufacturing, examine the woofer(s) for white mold spots using the below procedures. Clean any affected woofers. Repack units with silica gel packs as detailed below.

Symptom: White mold spots on woofer(s).

Reason: Some early units were packed without dessicant packs to prohibit mold growth.

Solution: Perform the below procedure.

Materials List:

- Silica gel packs, Bose part numbers 791288-001S (100g) and 791288-002S (200g).
- Black touch up paint and/or marker in case of minor damage to paint on grilles.

Optional: Additional F1 Model 812 replacement side grilles, Bose part number 625268-011S.

Rework Procedure:

F1 Model 812 Loudspeakers, Active and Passive Versions

1. Fully unpack the loudspeaker.
2. Place the unit on its back on a soft cushion on a flat surface to prevent damage during rework.
3. Using a bright white light, such as an LED penlight, examine the woofer through the front and side grilles for white mold spots.
4. If white mold spots are found, remove both side grilles. Using a flat plastic tool or a hook tool, press down on the front of the grille and move the grille sides away from the loudspeaker enclosure until the retaining tabs are clear of the enclosure. There are four retaining tabs per grille. Once the retaining tabs are clear, pull the side grille straight off from the front of the enclosure.
5. Clean the woofer and dust cap using a fresh Kimwipe (or similar) and isopropyl alcohol. Wait 15 minutes for the surfaces to dry and re-inspect. If there are no white mold spots evident, re-install the side grilles. Touch up any minor damage to the grilles that may have occurred during removal.
6. Clean the loudspeaker using a clean and dry cloth.
7. Repack the unit into the plastic bag and add silica gel packs inside the bag in combinations that add to 300g (10.5 oz.) minimum. Seal the bag tightly by folding it into the top handle area. Seal carton with packing tape. Place a green dot in the upper right corner of the SKU label to identify that this procedure has been performed.



F1 Subwoofer Rework Procedure next page ----->

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F1 Subwoofer:

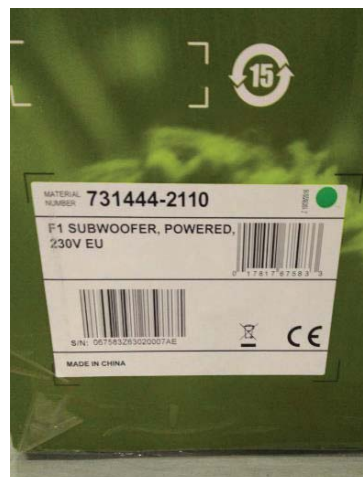
Materials List:

- Silica gel packs, Bose part number 791288-002S (200g).
- Black touch up paint and/or marker in case of minor damage to paint on grilles.

Rework Procedure:

F1 Subwoofer

1. Fully unpack the loudspeaker.
2. Place the unit on its back on a soft cushion on a flat surface to prevent damage during rework.
3. Using a bright white light, such as an LED penlight, inspect the woofers and cabinet for white mold spots. Refer to the photos at right.
4. Remove the grille using the disassembly procedures located in the F1 Loudspeaker service manual, reference number 731419-SM.
5. Clean the woofers and dust caps using a fresh Kimwipe (or similar) and isopropyl alcohol. Wait 15 minutes for the surfaces to dry and re-inspect. If there are no white mold spots evident, re-install the grille. Touch up any minor damage to the grille that may have occurred during removal.
6. Clean the loudspeaker cabinet. If there are any white mold spots on the loudspeaker cabinet, clean it using a fresh Kimwipe (or similar) and isopropyl alcohol.
7. Repack the unit and add silica gel packs inside the bag in combinations that add up to 400g (14 oz.) minimum. Seal the bag tightly by folding and taping.
8. Seal the carton with packing tape and place a green dot in the upper right corner of the SKU label to identify that this procedure has been performed.



Note: Refer to the F1 Loudspeaker service manual, reference number 731419-SM for disassembly procedures. It is located on the Bose Service web site at <http://intranet.bose.com> and <http://serviceops.bose.com> on the Professional Products page.