
Diebold Telephone Audio

Upgrade Installation Manual

E. F. Bavis & Associates, Inc.

201 Grandin Road
Maineville, Ohio 45039
(513) 677-0500

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Tools needed:

5/16" (yellow) nut driver

#2 Phillips screwdriver

Pencil

Center Punch

Electric drill

Drill bits

Short 7/8" Unibit

Deburring Tool

Sidecutters

Diebold TA UPGRADE INSTRUCTIONS

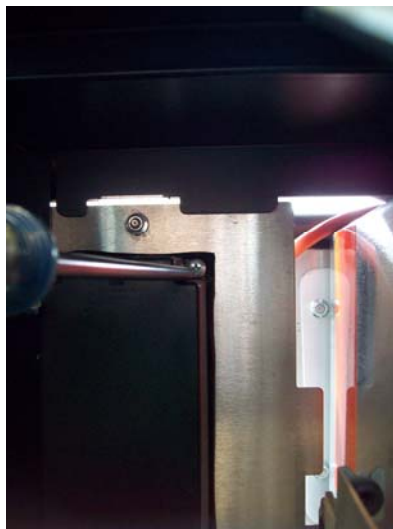
1. Remove manual drawer push/pull rod knob.
2. Lift countertop and pull out to access inside of drawer.

SPEAKER

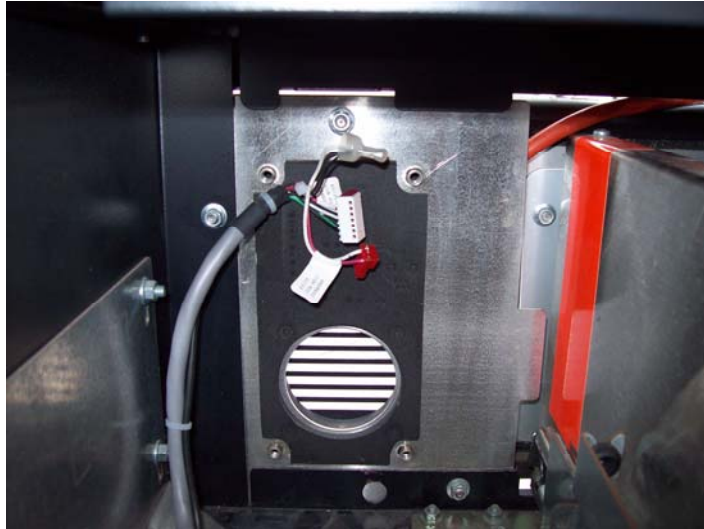
3. Loosen the heater nut, slide the heater toward you, and lift heater up to gain access to the speaker box.



4. Remove the (4) screws that attach the speaker cover to the speaker board.



5. Unplug the speaker board white plug and remove the board.



6. Using the screws removed in step #4 install the new speaker plate assembly with the wires to the left.



7. Reinstall the heater.

MICROPHONE

- Using the microphone flange, mark the holes above and center of the call button.



- Using the drill bit and #8-32 tap provided in this kit drill all three holes, tap the outer (2), re-drill the center hole to 9/32", then chase out the center hole using a short 7/8" Unibit. The 7/8" hole **cannot** go all the way through.



- Clean up the hole with a deburring tool, feed the microphone wire through the hole, and install the microphone.



CALL BUTTON

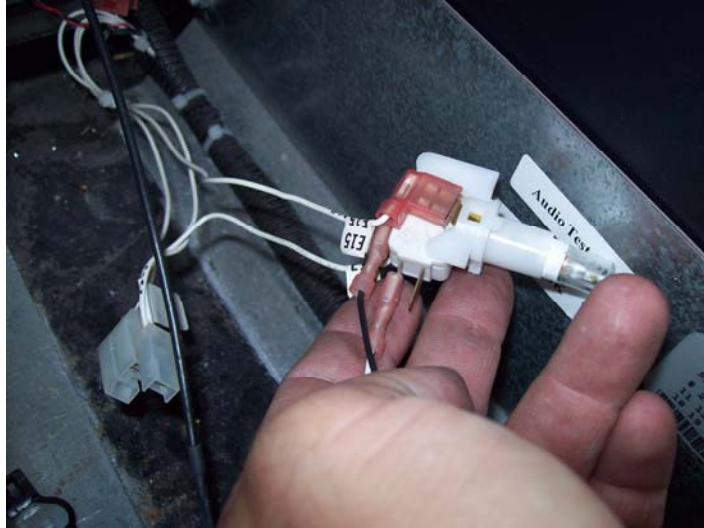
11. Unplug the call button from the inside of its housing, and cut the small wire tie that holds the wires together.



12. Unplug the clear plug.



13. Connect the new call button pigtail to the button assembly with the white/black wire to the center terminal and the black wire to the side "L" shaped terminal.



14. Reinstall the call button.

WIRING CHASE

15. Chase out the hole in the back right corner of the drawer shell, (corner closest to you), to 1/2" for the wires that connect to the inside base audio board assembly.



16. Connect the extension cables to the component pigtails, and feed the wires down through the 1/2" hole.

TA INTERFACE & INSIDE BASE AUDIO ASSEMBLY

17. Remove the cover of, and mount the inside base audio board assembly box (stainless steel) in a location where the wires from the components can reach the board and still be secured neatly and connect the component wires to the board.
18. Mount the TA interface in a location where the 1 foot red patch cable that comes from the inside base audio assembly can reach the RJ45 jack on the front of the interface.



19. Plug the interface power cord into a 120V outlet, connect the interface to the telephone system (if telephone system is not available, use a single line analog telephone) via the RJ11 jack on the front of the interface, turn on the interface and test with a vehicle in the lane (work van or truck is best to use). Adjust the outgoing audio via the blue and white potentiometer located on the base audio board. Clockwise to turn up the outgoing volume and counterclockwise to turn down.
20. Secure all wiring to existing drawer wiring to keep out of drawer travel path and avoid pinching wires.



21. Reinstall the countertop and drawer knob.



