

PREVOST

Instruction Sheet

IS-08080B

Sound Selector replacement, VSS04 to VSS05

Revised August 2021 – General revision

DESCRIPTION

When replacing a vehicle sound selector model VSS04 with a new sound selector model **VSS05**, an interface harness is required to connect the vehicle harness to the new sound selector model and a new VSS05 compatible radio unit must also be installed. This procedure describes the steps required to perform this update.

MATERIAL

Kit # IS08080 includes the following parts:

PART NO.	DESCRIPTION	QTY
900238	SOUND SELECTOR CONTROL HEAD VSS05	1
0610388	INTERFACE HARNESS	1

You also need one of the following VSS05 compatible radio:

P/N 390021 AM/FM DEA5XX RADIO SERVICE KIT

P/N 390023 AM/FM XM/SIRIUS SATELLITE DEA5XX SERVICE RADIO KIT

NOTE

Material can be obtained through regular channels.

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REMOVAL AND INSTALLATION PROCEDURE



DANGER

Park vehicle safely, apply parking brake, stop the engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

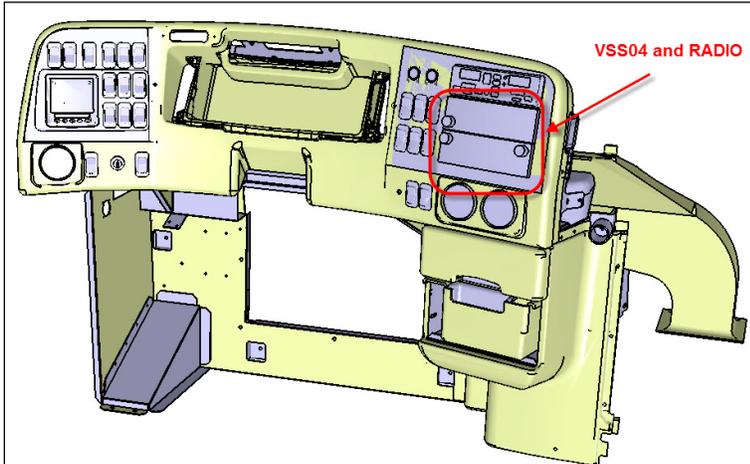


FIGURE 1: POSITION OF VSS04 AND RADIO IN A TYPICAL DASHBOARD

1. To gain access to the radio and sound selector (VSS) connections, remove the dashboard cover by unscrewing the five (5) M4 – 0.7x 20 screws that secure it to the dashboard (Figure 2).

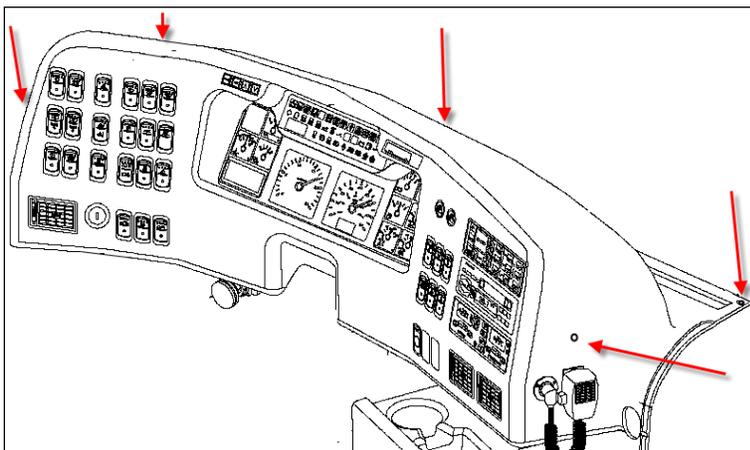


FIGURE 2: COVER RETAINING SCREWS POSITION

2. Using a small flat head screwdriver, disconnect the five (5) connectors at the back of the sound selector (VSS) (Figure 3).

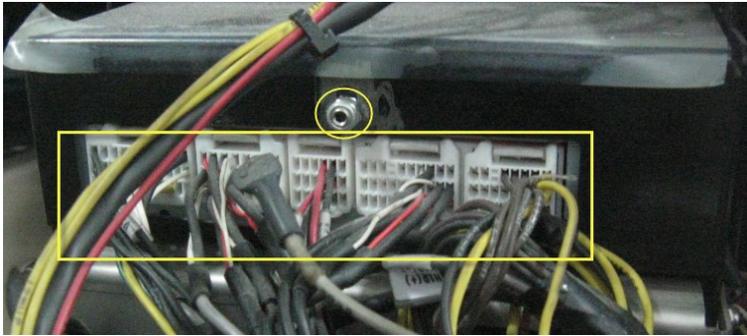


FIGURE 3: CONNECTORS AND RETAINING HEX NUT

3. Remove the hex nut that holds the sound selector to the dashboard support (Figure 3).
4. Repeat operations 2 and 3 for the radio; remove the hex nut, disconnect the harness and the antenna cable.
5. Insert 2 flat radio removing tools in the vertical openings located on both sides of the sound selector front panel and pull out the sound selector (Figure 4 & Figure 5).

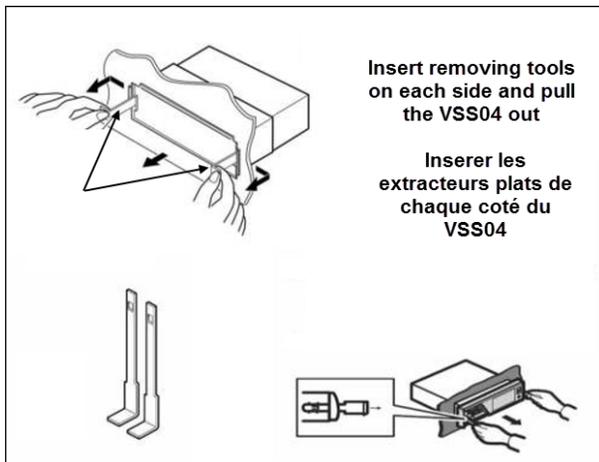


FIGURE 4: VSS REMOVAL WITH FLAT REMOVING TOOLS



FIGURE 5: VERTICAL OPENINGS AND HOLES POSITION ON THE VSS AND RADIO UNIT FACES

6. Insert two (2) U-shaped radio removing tools in the four (4) holes located on both sides of the radio front panel and pull it out (Figure 5 & Figure 6).

NOTE: Some radio models may require flat radio removing tools.



FIGURE 6: TYPICAL RADIO REMOVAL USING U-SHAPED TOOLS

7. Before installing the new VSS05 sound selector in place, the back-support opening will need to be enlarged to allow sufficient clearance for the bigger VSS05 connectors.
8. Use a die grinder and a small cutting wheel or a suitable carbide bit and follow Figure 7 & Figure 8 below. Protect the area against metal particles.

NOTE: Do not cut through the central hex nut area of the support.

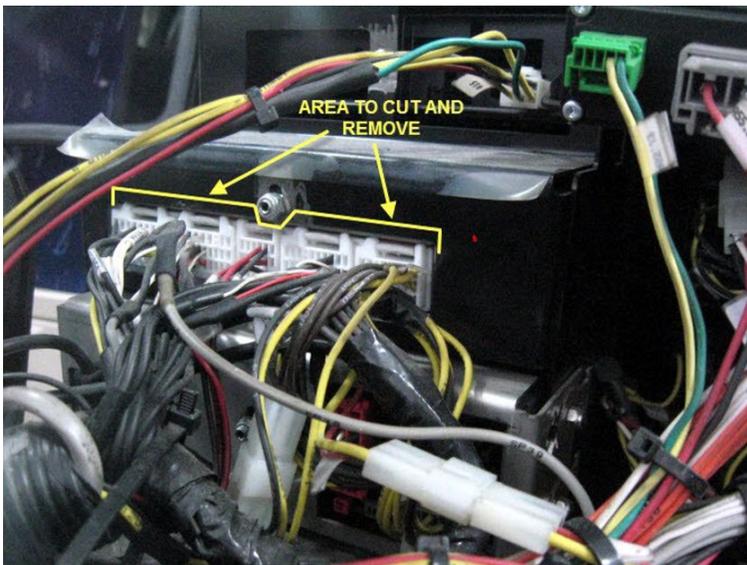


FIGURE 7: AREA ON THE SOUND SELECTOR SUPPORT TO BE ENLARGED

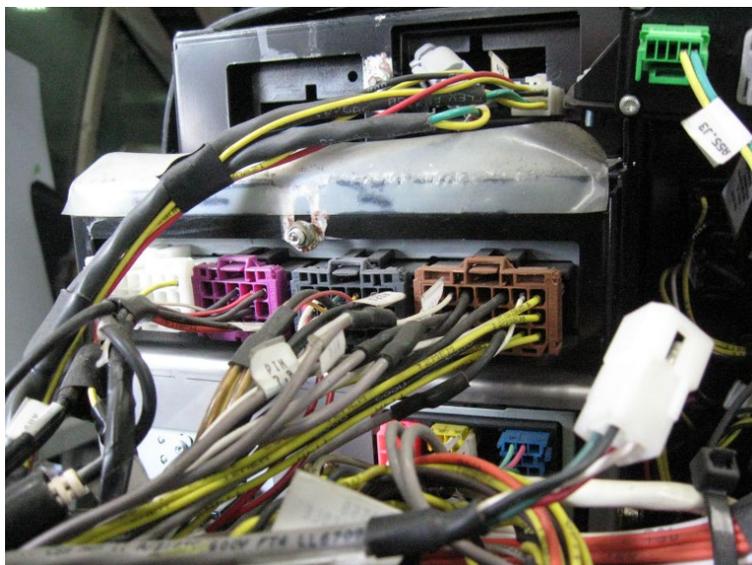


FIGURE 8: INSTALLED VSS05 SHOWING ENLARGED SUPPORT OPENING AND BIGGER HARNESS CONNECTORS

9. Before installing the new radio in place, the antenna connector opening will need to be enlarged to allow sufficient clearance (Figure 9).



FIGURE 9: ENLARGED ANTENNA CONNECTOR OPENING

10. Install the new VSS05.
11. Install the new radio.
12. Tighten the hex nut at the back of each unit.

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13. Use the connections schematic (Figure 10) below to connect the dashboard harness to the VSS05 interface harness and the radio harness.

NOTE: To avoid improper connection, the interface harness connectors are all shaped differently.

14. Connect the AM/FM antenna cable to the new radio. If applicable, connect the XM/Sirius satellite radio antenna cable to the new radio.

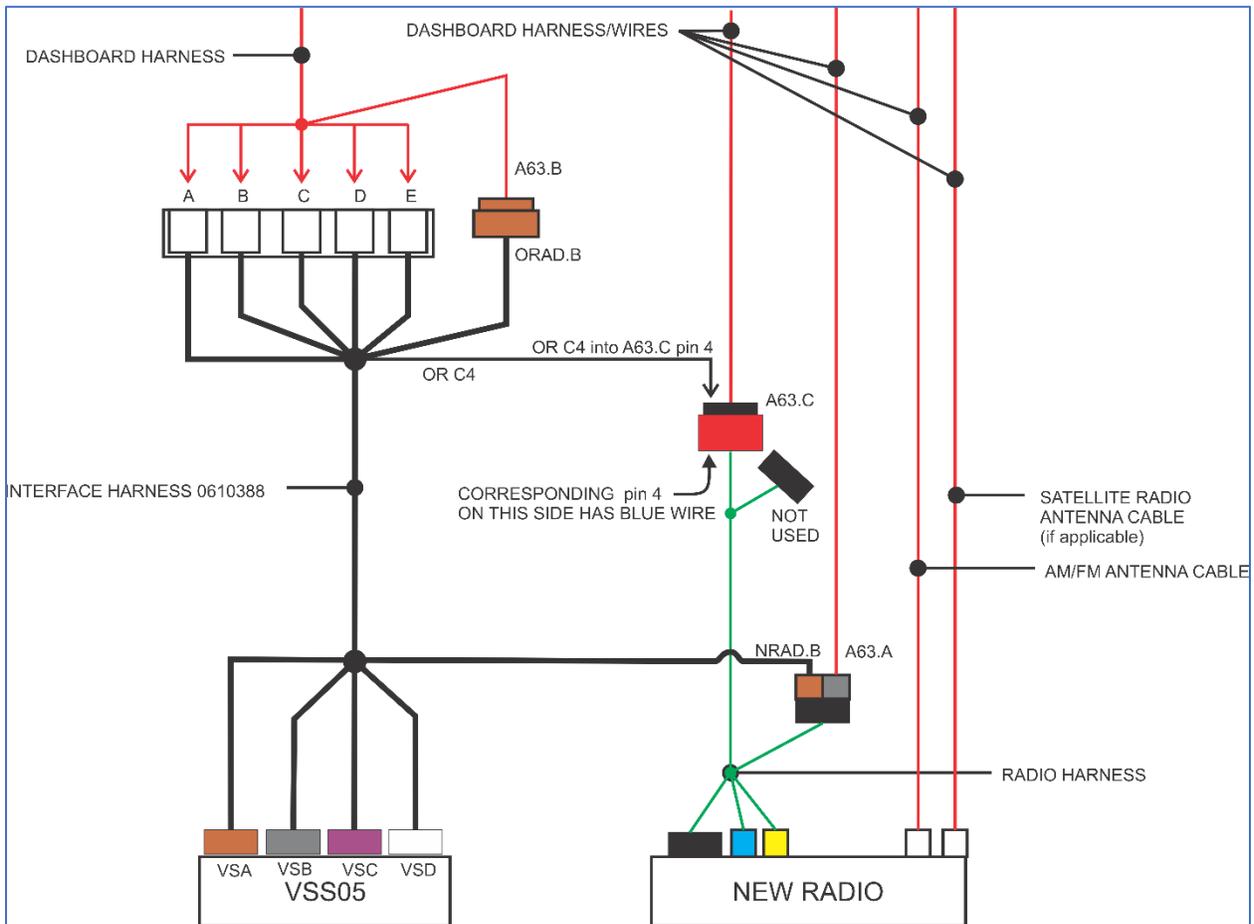


FIGURE 10: CONNECTIONS SCHEMATIC

15. Insert **OR C4** circuit terminal into black connector A63.C cavity no. 4 as shown in Figure 10 & Figure 11.

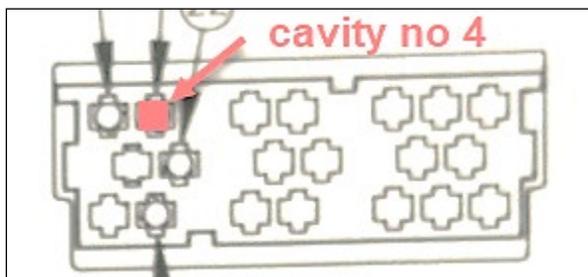


FIGURE 11: CAVITY NO. 4, SEEN FROM THE BACK (WIRE SIDE) OF THE BLACK CONNECTOR

16. Position the interface harnesses appropriately into the dashboard.

NOTE: It may be necessary to reroute part of the factory harness to gain sufficient clearance to allow the dashboard cover to be put back into place.

17. Double-check that the sound selector and the radio are firmly positioned in their respective location and that all connections are tight. Use cable ties as required to secure the harness to the dashboard supports.

18. Reinstall the dashboard cover.

19. Using Premium TechTool software, remove the MID206 parameter. To do this, refer to *REMOVING MID206 IN PTT* in instruction sheet IS-16100.

IMPORTANT NOTE: Radio external audio inputs i.e. USB and auxiliary ports are now located on the front panel of the new radio. Therefore, radio external audio inputs, USB and auxiliary port located inside the dashboard lower drawer is no longer supported.



FIGURE 12

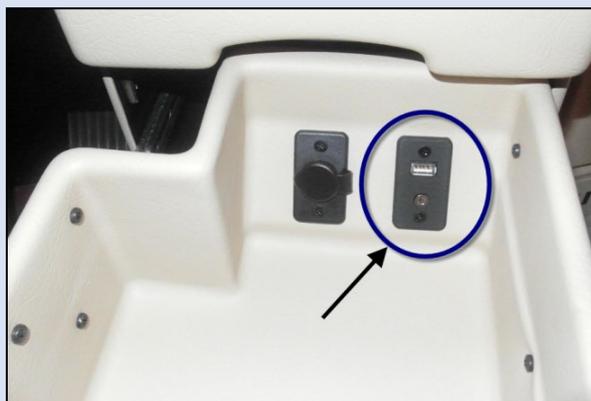


FIGURE 13: EXTERNAL AUDIO INPUTS - USB AND 3.5 mm AUXILIARY PORTS

PARTS / WASTE DISPOSAL

Discard waste according to applicable environmental regulations (Municipal/State [Prov.]/ Federal)