

	GROUP ELE	MODEL 2015MY K900 (KH)
	NUMBER 122	DATE January 2017
TECHNICAL SERVICE BULLETIN		
SUBJECT: PREMIUM NAVIGATION UNIT SOFTWARE UPGRADE		

This bulletin provides the procedure for upgrading the navigation system software of some 2015MY K900 (KH) vehicles, produced from January 2, 2014 through March 17, 2015, to resolve concerns related to “Application Error” messages on the navigation screen and system reboots or blank screen concerns.



*** NOTICE**

This is a software upgrade for the navigation operating system and NOT a map upgrade.

File Under: <Electrical>

- Circulate To: General Manager Service Manager Parts Manager
 Service Advisors Technicians Body Shop Manager Fleet Repair

*** NOTICE**

Before performing this service procedure, the AUM firmware **MUST** be updated to the latest version. Refer to TSB SST 049 for the AUM firmware update procedure.

Software Inspection Procedure:

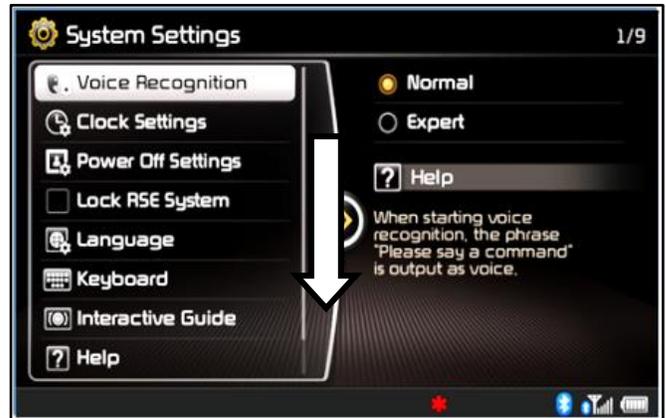
1. Press the **HOME** button on the controller.



2. Using the controller knob, select **System Settings** on the screen.



3. Scroll down and select **System Update**.



4. Record the current software version.



SUBJECT: PREMIUM NAVIGATION UNIT SOFTWARE UPGRADE**Service Procedure:***** NOTICE**

- Delete all paired phones from the system and delete the head unit from all phones. If you do not delete phones, the phones will still show and act as paired, but performance or functionality issues may occur. Anytime a software update is performed to either a paired phone or the system, the pairing should be deleted from both the phone and the system, and then paired again after update.
- A fully charged battery is necessary before an audio head unit upgrade can take place. It is recommended that the Midtronics GR8-1299 system be used in ECU mode, during charging. **DO NOT** connect any other battery charger to the vehicle during audio head unit upgrade.

1.

*** NOTICE**

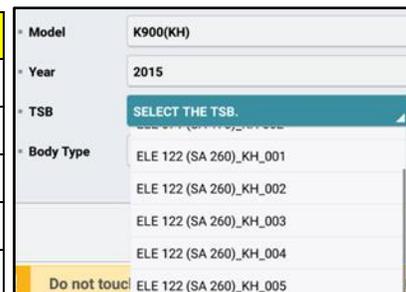
This software upgrade requires a KDS and an AUM. Do NOT attempt upgrade with GDS.

If performing this software upgrade for the first time, refer to TSB **SST049** to update the AUM firmware.

If the AUM firmware has been updated, proceed to download the software update to the AUM using the KDS by referring to **SST041**.

Using the recorded current software version, select the correct TSB when prompted.

For SW Version	Select Update
KH.USA1.SOP.20140301.001 or 001A	ELE 122 (SA 260)_KH_001
KH.USA1.SOP.20140425.002 or 002A	ELE 122 (SA 260)_KH_002
KH.USA1.SOP.20140822.003	ELE 122 (SA 260)_KH_003
KH.USA1.SOP.20150206.004	ELE 122 (SA 260)_KH_004
KH.USA1.SOP.20150617.005	ELE 122 (SA 260)_KH_005

**! CAUTION**

Do NOT turn the vehicle ignition OFF while the update is in progress.

2. Connect the Midtronics GR8-1299 charger. Do not start the vehicle as this upgrade may take over an hour to complete.
3. Record the customer's radio presets before performing the upgrade.

4. After inserting the AUM USB connector into the USB port of the vehicle, ensure the head unit is ON.



5. Press the **HOME** button on the controller.



6. Press and hold the CD EJECT button (⏏) on the center stack and then press the SXM button four (4) times in a quick succession.



7. The system will restart automatically and then the update will begin.

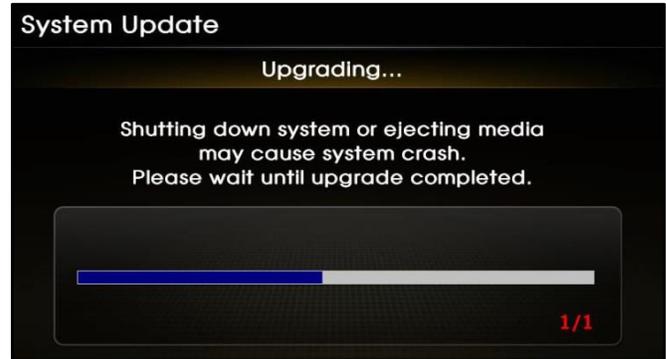
*** NOTICE**

This software upgrade may take over an hour to complete. Other services can be performed while the system upgrade is in progress.



SUBJECT: PREMIUM NAVIGATION UNIT SOFTWARE UPGRADE

8. The progress bar will display, as shown.



9. When the update is complete, the system will automatically start.



10. Repeat steps 1-4 of the Software Inspection Procedure on page 2 and verify that the software upgrade was successful by using the table below.

Original Version	New SW Version
KH.USA1.SOP.20140301. 001 or 001A	KH.USA1.SOP.20140301. 001B
KH.USA1.SOP.20140425. 002 or 002A	KH.USA1.SOP.20140425. 002B
KH.USA1.SOP.20140822. 003	KH.USA1.SOP.20140822. 003B
KH.USA1.SOP.20150206. 004	KH.USA1.SOP.20150206. 004B
KH.USA1.SOP.20150617. 005	KH.USA1.SOP.20150617. 005B

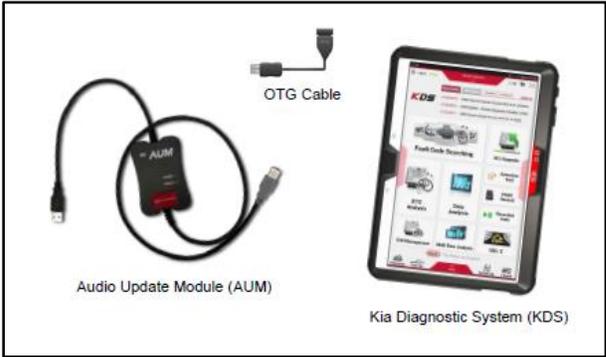
11. Restore the customer's radio presets as recorded in step 3 of this procedure.
12. Verify proper Bluetooth operation and make a phone call using Bluetooth.
13. If possible, obtain the customer's phone(s) and re-pair or advise the customer to delete pairings and re-pair.

SUBJECT: PREMIUM NAVIGATION UNIT SOFTWARE UPGRADE

AFFECTED VEHICLE RANGE:

Model	Production Date Range
K900 (KH)	January 2, 2014 to March 17, 2015

REQUIRED TOOL:

Part Name	Figure
KDS, AUM, and OTG Cable	 <p>The figure shows three items: an Audio Update Module (AUM) which is a small black device with a USB cable and a USB-A connector; an OTG Cable which is a short black cable with a USB-A connector on one end and a micro-USB connector on the other; and a Kia Diagnostic System (KDS) tablet displaying the software interface.</p>

WARRANTY INFORMATION:

Claim Type	Causal P/N	Qty.	N Code	C Code	Repair Description	Labor Op Code	Time	Replacement Part	Qty.
W	95770 3T150	0	M45	ZZ3	Premium Navigation Unit Software Update	28325F30	0.3 M/H	N/A	0