	GROUP	MODEL
KIA	**Electrical**	**2013MY Soul (AM)** **2013MY Sorento (XMa)** **2013MY Optima (TF/QF)** **2013MY Forte (TD)**
	NUMBER	DATE
	082 (REV 2, 01/15/2016)	**April 2015**

TECHNICAL SERVICE BULLETIN

SUBJECT: BASE AUDIO SYSTEM UPGRADE

> ★ **NOTICE**
>
> **This bulletin has been revised to include additional information. New/revised sections of this bulletin are indicated by a black bar in the margin area.**

This bulletin provides the procedure for upgrading the navigation system and base audio system software of some 2013MY Soul (AM), Optima (TF/QF), Sorento (XMa) and Forte (TD) vehicles, to improve Bluetooth® connectivity.

USB Update Drive

GDS - Audio Update Module (AUM)

File Under: <Electrical>

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

SUBJECT:

BASE AUDIO SYSTEM UPGRADE
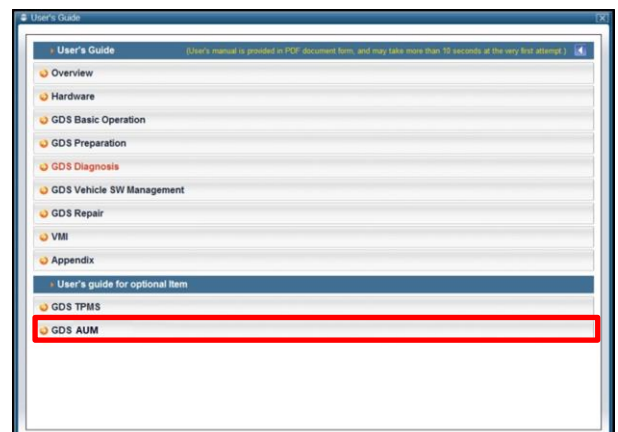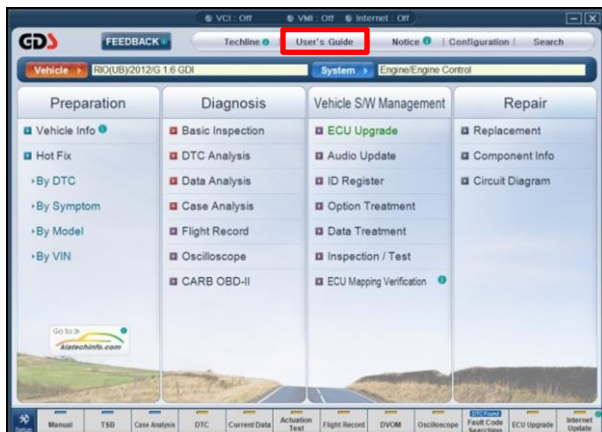
Service Procedure:

> ★ **NOTICE**
>
> - **Delete all paired phones from the system and delete the head unit from all phones. If you do not delete phones, the phone(s) 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 phone and system and then paired again after update.**
>
> - **A fully charged battery is necessary before audio head unit upgrade can take place. It is recommended that the Midtronics GR8-1299 system be used, in ECM mode, during charging. DO NOT connect any other battery charger to the vehicle during audio head unit upgrade.**

> ★ **NOTICE**
>
> - **USB drives containing the 13MY Base Audio upgrade were shipped directly to all Kia dealers, and addressed to the Service Manager.**
>
> - **An AUM update is now available on GDS.**

1. Start the vehicle or connect the Midtronics GR8-1299 charger.

2. Record the customer's radio presets before performing the upgrade.

3. If performing the update using the GDS AUM, refer to TSB SST 032 or click on **User's Guide** > **GDS AUM** on the GDS main screen, as shown below, and follow the on-screen instructions.

SUBJECT:

BASE AUDIO SYSTEM UPGRADE

4. Turn the head unit ON and wait until booting is finished (approx. 10 seconds) before proceeding to the next step.

5. If performing the update using a USB stick, obtain the 13MY Base Audio upgrade USB drive from your Service Manager and insert it in the vehicle's USB port. Make sure to allow for the sound file to play for one second before proceeding to the next step.

Images shown are for demonstration only purposes and will vary by model.

6. Turn the head unit OFF.

★ NOTICE

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

7. Press and hold preset button **"1"** and then preset button **"4"** at the same time for five (5) seconds.

SUBJECT:

BASE AUDIO SYSTEM UPGRADE

★ **NOTICE**

If the software version screen is displayed when pressing and holding the preset buttons 1 and 4, restart the procedure from step 4.

8. Immediately after releasing preset buttons "1" and "4", press preset button "1" four (4) times in a row.

★ **NOTICE**

Do not remove the USB thumb drive, AUM connector or turn the radio OFF while the update is in progress.

9. Check to ensure that the current software version is at or above the information shown in the table below.

Model	Current Version
Sorento (XMa)	V5.5 and up
Forte (TD)	V5.5 and up
Optima (TF/QF)	V5.0 and up
Soul (AM)	V2.0 and up

★ **NOTICE**

If the current software version is lower than the information listed in the table above, open a Techline Case.

SUBJECT: BASE AUDIO SYSTEM UPGRADE

11. Press button **"1"** to access the Firmware Upgrade Menu.

12. Press button **"4"** to update **MICOM**.

13. The upgrade will begin and system will display Erasing -> Writing -> Verifying on the screen.

> ★ **NOTICE**
>
> - **The update will take approximately three (3) minutes to complete and the system will restart.**
>
> - **If the system restarts immediately and the power stays off, the update may have failed. Restart the procedure from step 4.**

SUBJECT:	BASE AUDIO SYSTEM UPGRADE

14. Power up the head unit and repeat steps 6~8 to check the new software version, as shown in the table below.

Model	New Version
Sorento (XMa)	V7.51
Forte (TD)	V8.00
Optima (TF/QF)	V8.00
Soul (AM)	V8.00

15. Restore the customer's radio presets as recorded in step 2.

16. Verify proper system operation by obtaining the customer's phone(s) and pairing it (them) with the system. If the customer's phone is not available for pairing, inform the customer that the phone must be paired to the head unit.

SUBJECT:

BASE AUDIO SYSTEM UPGRADE

REQUIRED TOOLS:

Part Name	Description	Figure	Comments
GDS AUM / Upgrade USB Drive	13MY Base Audio Upgrade		Additional USB sticks can be ordered through Snap-on Equipment Solutions at (888) 542-1011

AFFECTED VEHICLE PRODUCTION RANGE:

Model	Production Date Range
Soul (AM)	From May 15, 2012 through January 26, 2013
Sorento (XMa)	From March 3, 2012 through January 29, 2013
Optima (TF)	From May 16, 2012 through January 24, 2013
Optima (QF)	From June 5, 2012 through February 23, 2013
Forte (TD)	From May 5, 2012 through January 24, 2013

STANDARD WARRANTY CLAIM INFORMATION:

N CODE: N50 C CODE: C98

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
W	96120 2K000	0	(ELE 082) Base Audio Software Upgrade (AM)	28325F10	0.3 M/H	N/A	0
	96120 2PAA0		(ELE 082) Base Audio Software Upgrade (XMa)				
	96164 2T000		(ELE 082) Base Audio Software Upgrade (QF)				
	96164 2T000		(ELE 082) Base Audio Software Upgrade (TF)				
	96565 1M000		(ELE 082) Base Audio Software Upgrade (TD)				