TECHNICAL SERVICE BULLETIN

SUBJECT: SERVICE ACTION: AVN SOFTWARE UPGRADE (SA133)

This bulletin describes the procedure to update the navigation system software and modify the phone pairing logic in 2013MY Rio vehicles, with navigation system (AVN) and manual transmission, produced From June 12, 2012 to Aug. 29, 2012. Verify navigation system software version by referring to the table below; then follow the procedure outlined in this TSB to update the navigation system. Kia is requesting the completion of this Service Action on all affected vehicles in dealer stock prior to delivery. Before conducting procedure, verify that the vehicle is included in the list of the affected VINs.

OLD S/W VERSION:	UB.USA.SOP.00.008_006
NEW S/W VERSION:	UB.USA.SOP.00.014_MT2

★NOTICE

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

★NOTICE

A Service Action is a repair program without customer notification that is performed during the warranty period. Any dealer requesting to perform this repair outside the warranty period will require DPSM approval.

Repair status for a VIN is provided on WebDCS (Service> Warranty Coverage> Warranty Coverage Inquiry> Campaign Information). Not completed Recall / Service Action reports are available on WebDCS (Consumer Affairs> Not Completed Recall> Recall VIN> Select Report), which includes a list of affected vehicles.

This issue number is **SA133**.

File Under: <Electrical>

Circulate To: ☒ **General Manager**   ☒ **Service Manager**   ☒ **Parts Manager**

☒ **Service Advisor(s)** ☒ **Technician(s)**   ☒ **Body Shop Manager** ☒ **Fleet Repair**
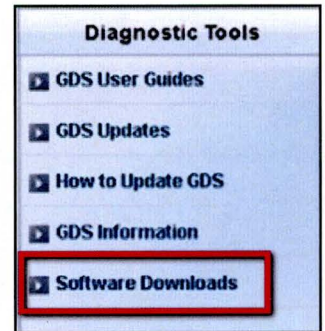
SUBJECT:

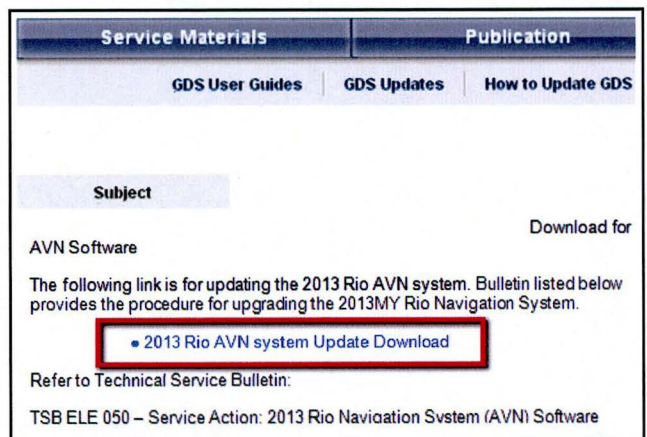## SERVICE ACTION: AVN SOFTWARE UPGRADE (SA133)

Software Upgrade Procedure:

1. If viewing this TSB electronically, click the link below:

   https://www.kiatechinfo.com/pds/Downloads/UBA_120906_MICOM.exe
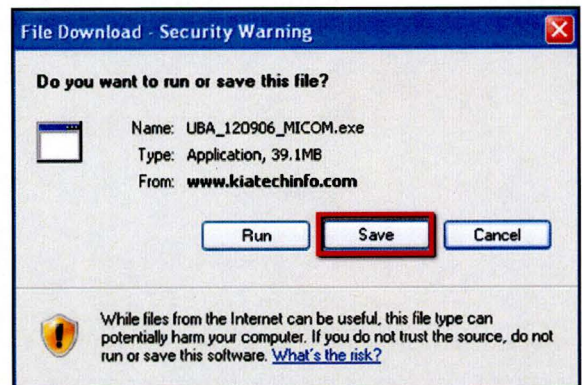
   Otherwise, log on to KiaTechInfo.com and click on **"Diagnostic Tools,"** then click **"Software Downloads"** from the Navigation Menu.
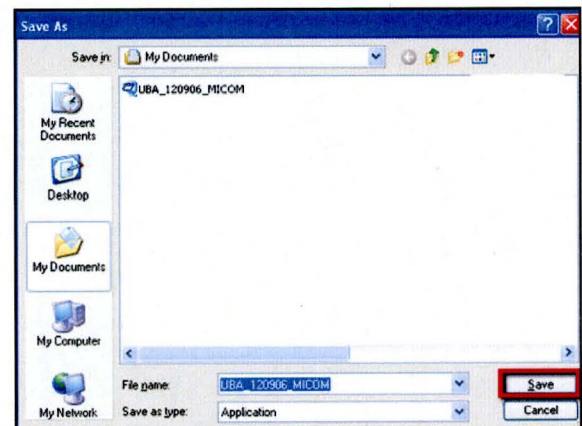
Diagnostic Tools
GDS User Guides
GDS Updates
How to Update GDS
GDS Information
Software Downloads

2. Click on **"2013 Rio AVN System update Download"** link.

Service Materials		Publication
GDS User Guides	GDS Updates	How to Update GDS

   Subject

   Download for

   AVN Software

   The following link is for updating the 2013 Rio AVN system. Bulletin listed below provides the procedure for upgrading the 2013MY Rio Navigation System.

   • 2013 Rio AVN system Update Download

   Refer to Technical Service Bulletin:

   TSB ELE 050 – Service Action: 2013 Rio Navigation System (AVN) Software

3. Click **"Save."**

   File Download - Security Warning

   Do you want to run or save this file?

   Name: UBA_120906_MICOM.exe
   Type: Application, 39.1MB
   From: **www.kiatechinfo.com**

   [Run] [Save] [Cancel]

   While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. What's the risk?

4. Click **"Save."**

   Save As

   Save in: My Documents

   UBA_120906_MICOM

   My Recent Documents
   Desktop
   My Documents
   My Computer
   My Network

   File name: UBA_120906_MICOM   [Save]
   Save as type: Application   [Cancel]

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5. Click **"Open Folder"**.

Download complete

Download Complete

UBA_120906_MICOM.exe from www.kiatechinfo.com

Downloaded:	39.1MB in 6 sec
Download to:	C:\Documents ...\UBA_120906_MICOM.exe
Transfer rate:	6.51MB/Sec

☐ Close this dialog box when download completes

Run   Open Folder   Close
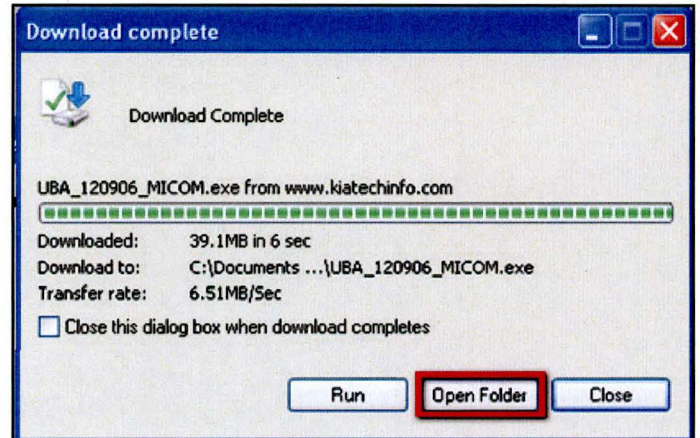
6. Click on update file to open it. The file name is **UBA_120906_MICOM**.

My Documents

File   Edit   View   Favorites   Tools   Help

Back   Search   Folders

Address   My Documents

File and Folder Tasks

Make a new folder
Publish this folder to the Web
Share this folder

UBA_120906_MICOM

Other Places

Desktop
My Computer
My Network Places

Details

7. Click **"Run"**.

Open File - Security Warning

The publisher could not be verified. Are you sure you want to run this software?

Name: UBA_120906_MICOM.exe
Publisher: **Unknown Publisher**
Type: Application
From: C:\Documents and Settings\KMA40319\My Docume...

Run   Cancel

☑ Always ask before opening this file

This file does not have a valid digital signature that verifies its publisher. You should only run software from publishers you trust. How can I decide what software to run?

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8. Insert a flash drive into USB port on your computer; click **"Unzip"** and the files will be downloaded onto the USB flash drive.

WinZip Self-Extractor - UBA_120906_MICOM.exe

To unzip all files in UBA_120906_MICOM.exe to the specified folder press the Unzip button.

Unzip to folder:

e:\   Browse...

☑ Overwrite files without prompting

[Unzip] [Run WinZip] [Close] [About] [Help]

> ## *NOTICE
>
> **Before loading new software on the USB flash drive, it MUST BE properly formatted and MUST NOT have any other files on it.**
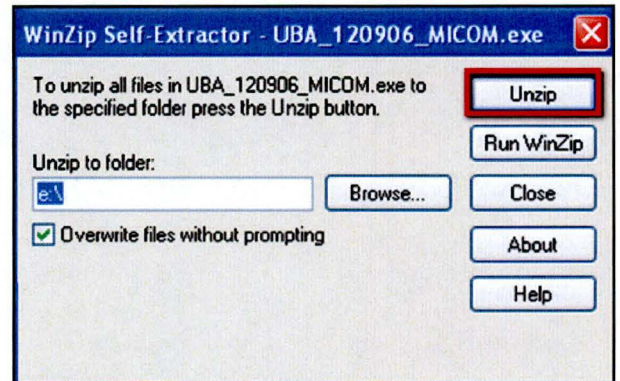
9. Turn the ignition key to **"ACC"** or **"ON"** position.

> ## ⚠ CAUTION
>
> **Make sure the battery is fully charged before beginning the update, otherwise, there could be data loss or damage to system.**

Turn on the Audio system by pushing the **"POWER"** button.

> ## *NOTICE
>
> **While conducting the software upgrade procedure, make sure to keep the ignition key in the "ACC" or "ON" position. Do NOT turn the ignition key to any other position.**

10. Insert the upgrade USB flash drive into the USB port.

> ## *NOTICE
>
> **Do not load any other files onto the USB flash drive as this could compromise the upgrade software.**
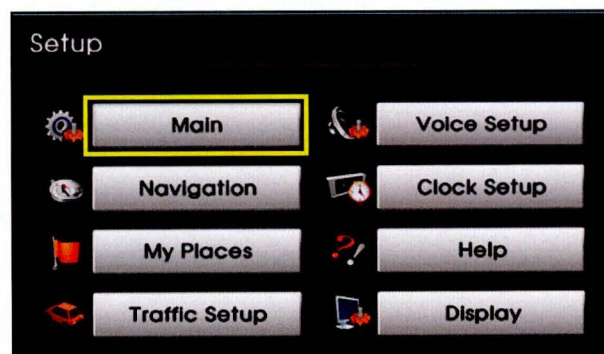
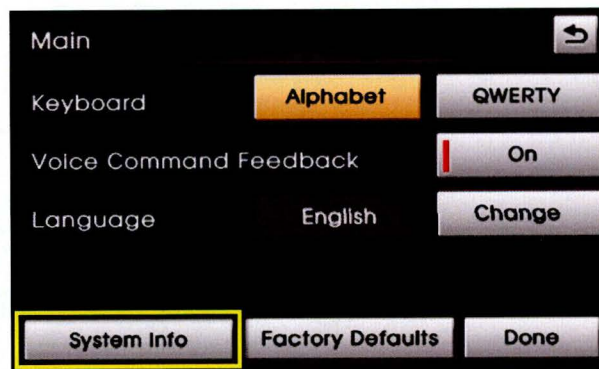**SUBJECT:**

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11. Push the **"SETUP"** button, then press **"Agree"** on the screen.
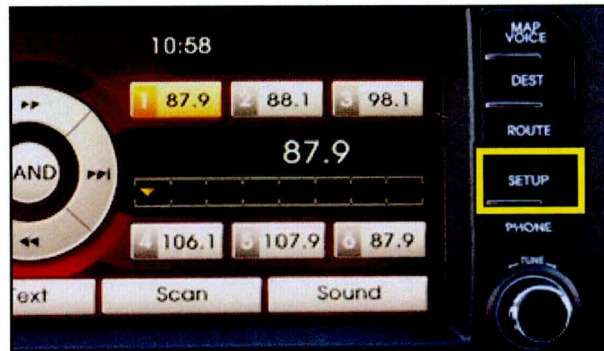
12. Push **"Main"** button on the screen.

13. Push **"System Info"** button on the screen.

14. Push **"Map Upgrade"** button on the screen.

✱NOTICE

Verify current software version is *"UB.USA.SOP.00.008_006"*

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✱NOTICE

If the USB flash drive has no upgrade information, or has not connected properly, an error popup message will be displayed. Reload the correct files onto the USB flash drive and retry the procedure.

USB contains no update information.

USB is disconnected
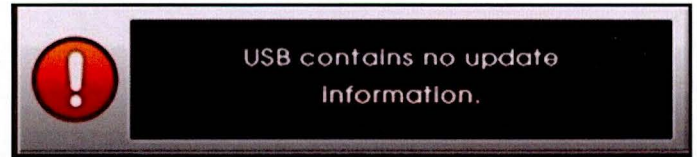
15. Start the upgrade by pushing the **"Yes"** button on the screen.

✱NOTICE

The upgrade may take a few seconds to start.

System Information

Latitude   N 0
Longitude   W 0
Elevation   0 ft

Do you want to start update?
Don't turn off during update.

Yes   No

Searching   Map Upgrade

16. The upgrade will take approximately 5-10 minutes to complete. System will restart after the upgrade has completed.

✱NOTICE

DO NOT unplug the USB flash drive or turn the system off while the upgrade procedure is in progress.

Upgrading...

Shutting down system or ejecting media may cause system crash. Please wait until upgrade completed.

Upgrading...

Shutting down system or ejecting media may cause system crash. Please wait until upgrade completed.
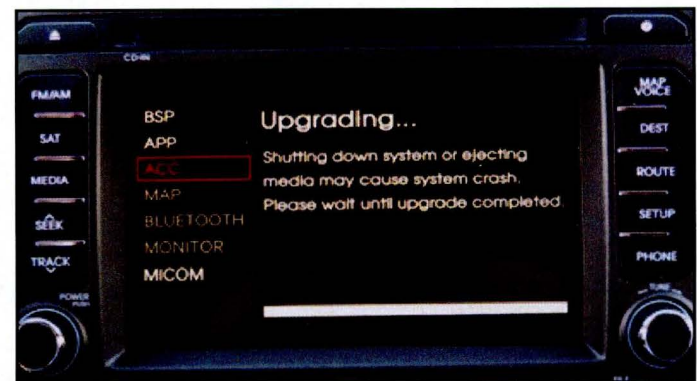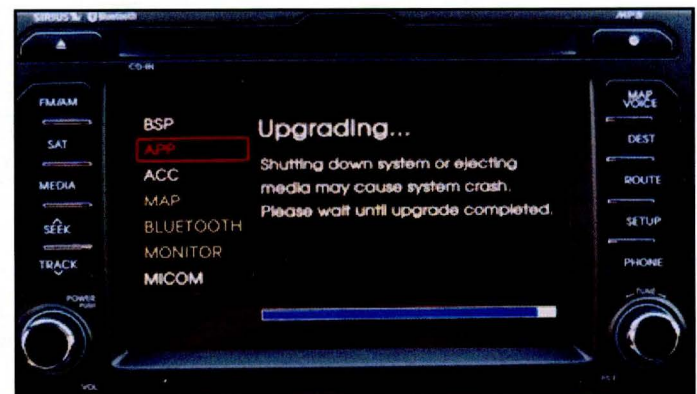
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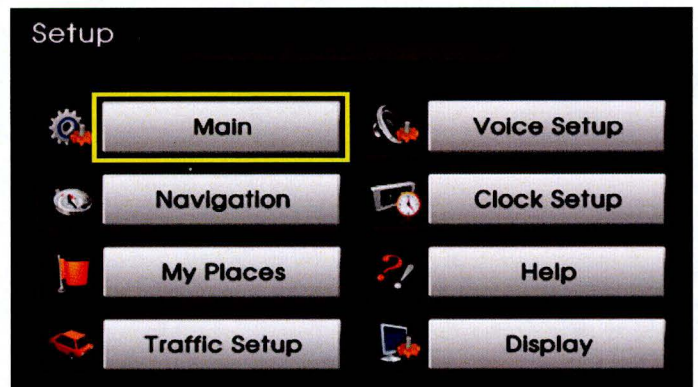17. When the upgrade is complete, the AVN system will restart automatically. Remove the USB flash drive at this point.

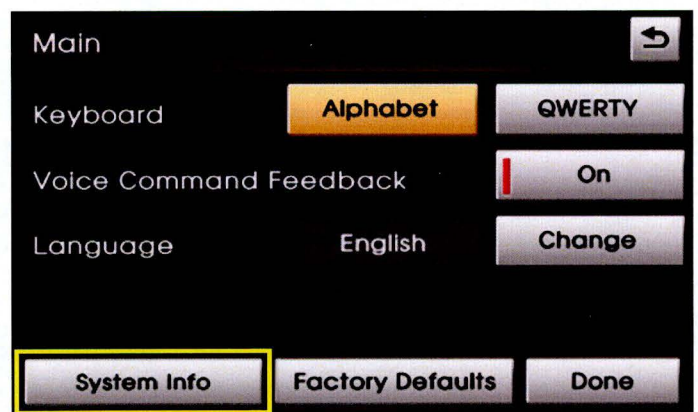18. Push the **"POWER"** button to turn on the head unit.
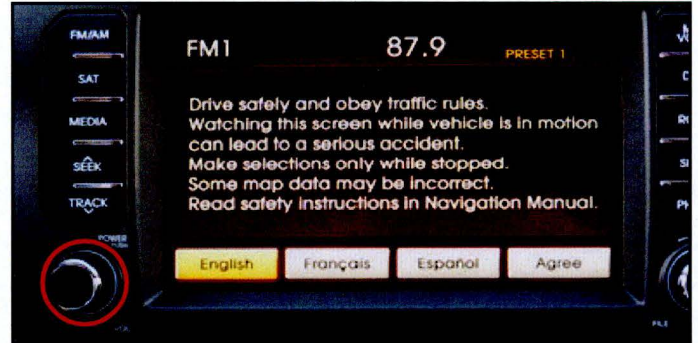
19. Push the **"SETUP"** button, then press the **"Agree"** button on the screen.

20. Push the **"Main"** button on the screen.

21. Push **"System Info"** button on the screen.

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22. Verify new software version is **UB.USA. SOP.00.014_MT2**.

23. Check the interior of the vehicle (i.e. glove compartment, center console, etc.) for phone pairing instructions, as shown below. Any instructions found should be removed from the vehicle and discarded as this update will modify the phone pairing logic to match the information in the owner's manual.
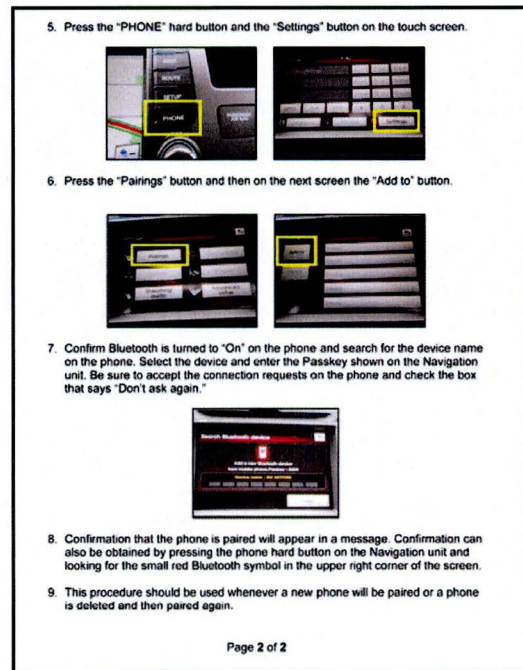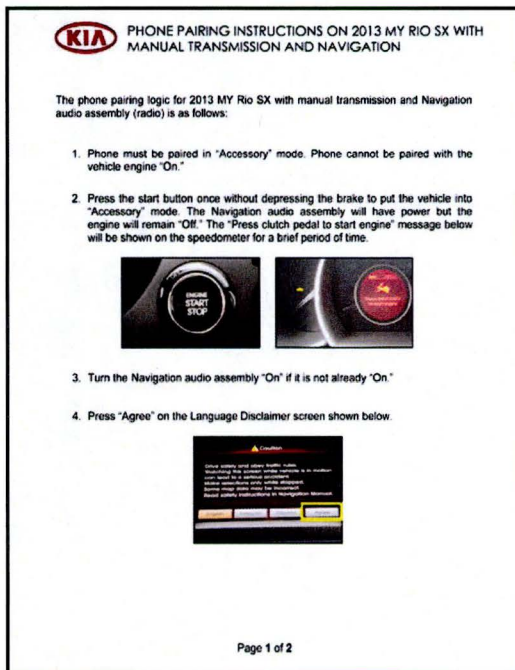
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AFFECTED VEHICLE PRODUCTION RANGE:

Model	Productino Date Range
2013 Rio (UB)	From June 12, 2012 to Aug. 29, 2012

WARRANTY CLAIM INFORMATION:

Claim Type	Causal P/N	Qty.	N Code	C Code	Repair Description	Labor Op Code	Op Time	Replacement Part No.	Qty
V	96560 1W100CA	0	N50	C98	AVN Software Upgrade (SA133)	120068R0	0.2 M/H	N/A	0

★NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SA133 when accessing the WebDCS system.