	GROUP **ELE**	MODEL **2014MY Sorento (XMa)**
KIA	NUMBER **057 (Rev 3, 09/11/2014)**	DATE **January 2014**

TECHNICAL SERVICE BULLETIN

SUBJECT: SERVICE ACTION: BCM UPGRADE - IPM ~~[IMPROVEMENT (SA163A)]~~

★ 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 information related to a software upgrade for the Instrument Panel Module (IPM) of some 2014 MY Sorento (XMa) vehicles produced from January 22, 2013 through November 22, 2013 and equipped with a Power tailgate, which may exhibit an intermittent dark current of up to 400mA. To prevent this incorrect condition, the BCM should be reprogrammed using the GDS download as described in this bulletin. Kia is requesting the completion of this Service Action on all affected vehicles. For confirmation that the latest reflash has been done to a vehicle you are working on, verify ROM ID using the table in this TSB.

Global Diagnostic System (GDS)

★ 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 <u>SA163A</u>.

File Under: <ELECTRICAL>

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

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

SUBJECT:	SERVICE ACTION: BCM UPGRADE - IPM LOGIC IMPROVEMENT (SA163A)

ECM Upgrade Procedure:

To correct this condition, the BCM should be reprogrammed using the GDS download as described in this bulletin.

UPGRADE EVENT NAME
225.XM FL IPM LOGIC IMPROVEMENT

★ NOTICE

- **A fully charged battery is necessary before the 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 the upgrade.**
- **This upgrade must be performed with the ignition key in the OFF position.**
- **Make sure all vehicle doors are closed.**
- **Be careful not to disconnect any cables connected to the vehicle or GDS during the upgrade procedure.**
- **DO NOT start the engine during the upgrade.**

ROM ID INFORMATION TABLES:

Upgrade Event #225

MODEL	IPM P/N	ROM ID	
		PREVIOUS	NEW
Sorento (XMa)	954001U220 954001U230 954001U240 954001U250	954001U2202010 954001U2302010 954001U2402010 954001U2502010	954001U2202110 954001U2302110 954001U2402110 954001U2502110

To verify the vehicle is affected, be sure to check the Calibration Identification of the vehicle's BCM ROM ID and reference the Information Table as necessary.

1. Open the hood, disconnect the hood switch and connect the Midtronics charger to the battery.

2. Turn the ignition switch to the **OFF** position.

3. Connect the power supply cable to the GDS.

★ NOTICE

If attempting to perform the upgrade with the power supply cable disconnected from the GDS, be sure to check that the GDS is fully charged before performing the upgrade. If the GDS is not fully charged, the upgrade may not occur. Therefore, it is strongly recommended that the power supply connector be connected to the GDS.

SUBJECT:

SERVICE ACTION: BCM UPGRADE - IPM LOGIC IMPROVEMENT (SA163A)

MANUAL MODE ECM UPGRADE PASSWORDS:

Upgrade Event #225 Sorento (XMa)

MENU	PASSWORD
XM FL IPM : 95400-1U220	**1220**
XM FL IPM : 95400-1U230	**1230**
XM FL IPM : 95400-1U240	**1240**
XM FL IPM : 95400-1U250	**1250**

✶ NOTICE

Before performing the manual update, cycle the fuse box panel power switch to the OFF position for 20 seconds. Then, cycle the fuse box panel power switch back to the ON position.

1. Within the ECU Upgrade screen, select **Manual Mode** in the left column, select **BCM** and then select **Upgrade Event 225**. Select the appropriate control unit part number by referring to the ROM ID Information Table on Page 2, and click **OK**.

2. Enter the appropriate password from the table above, and click **OK**.

3. Cycle the ignition ON and OFF once and open the driver's door, when prompted. Then, click **OK**.

4. Upgrade will begin and the progress of the upgrade will appear on the bar graph.

5. Click OK on the final screen. Upgrade event 225 is now complete.

6. Reconnect the hood switch

7. Operate the tailgate to confirm proper operation.

SUBJECT:	SERVICE ACTION: BCM UPGRADE - IPM LOGIC IMPROVEMENT (SA163A)

AFFECTED VEHICLE PRODUCTION RANGE:

Model	Production Date Range
Sorento (XMa)	From January 22, 2013 through November 15, 2013

SERVICE ACTION WARRANTY INFORMATION:

Claim Type	Causal P/N	Qty	N Code	C Code	Repair Description	Labor Op Code	Time	Related Parts	Qty
V	95400 1U220	0	N99	C99	(SA163A) BCM(IPM) UPGRADE	140A15R1	0.3 M/H	N/A	0

★ **NOTICE**

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SA163A when accessing the WebDCS system.