VOLUNTARY SERVICE CAMPAIGN

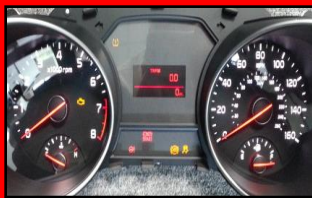SUBJECT: SEDONA (YP) – <u>BCM</u> LOGIC REPROGRAMMING (SC109)

★ 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 the reprogramming of the Body Control Module (BCM) of some 2015 MY Sedona (YP) vehicles (EX, SX and SXL only), produced from July 21, 2014 through November 20, 2014 to update the BCM logic for the automatic door lock feature. Kia is also providing labels for the 2015 MY Sedona Owner's Manual and a new Features and Functions Guide containing corrected automatic door lock feature information. To install the new logic, the BCM should be reprogrammed using the GDS download as described in this bulletin. Kia is requesting the completion of this Service Campaign on all affected vehicles, <u>including dealer stock, prior to delivery</u>. For confirmation that the latest reflash has been done to a vehicle you are working on, verify ROM ID using the tables in this TSB.

⚠ CAUTION

To prevent from rendering the cluster inoperative, make sure to <u>ONLY</u> use the procedure outlined in this TSB (SC109) for updating the BCM (<u>NOT</u> the Cluster!) and <u>ONLY</u> on the vehicle models shown on the <u>right side</u> of the table below.

Segment Type	TFT Type	OLED type
Do <u>NOT</u> Upgrade L or LX Models	**Upgrade <u>ONLY</u> EX, SX & SXL Models**	

File Under: <Service Campaign >

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

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

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★ NOTICE

To assure complete customer satisfaction, always remember to refer to WebDCS Warranty Coverage (validation) Inquiry Screen (Service > Warranty Coverage >Warranty Coverage Inquiry) for a list of any additional campaigns that may need to be performed on the vehicle before returning it to the customer.

BCM Upgrade Procedure:

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

UPGRADE EVENT NAME
236.YP BCM USER MENU 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.**
- **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.**

Upgrade Event #236

ROM ID INFORMATION TABLES:

MODEL	SYSTEM	BCM P/N	ROM ID	
			PREVIOUS	**NEW**
Sedona (YP)	BCM	95400A9500 95400A9510 95400A9520 95400A9530	1.04	**1.05**

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

1. 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.
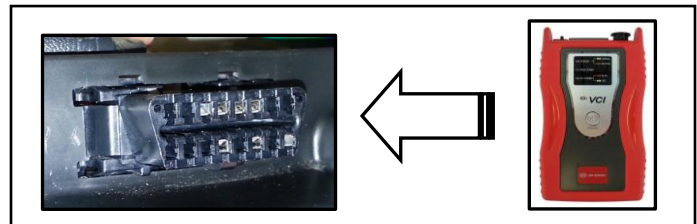

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2. Connect the USB cable between the VCI and the GDS.

> ⭐ **NOTICE**
>
> **When performing the upgrade using the GDS, wireless communication between the VCI and GDS is not available. Therefore, be sure to connect the USB cable between the VCI and the GDS.**

3. Connect the Main 16-pin DLC cable (GHDM – 241000) to the VCI.

4. Connect the Main 16-pin DLC cable (GHDM – 241000) to the OBD-II connector, located under the driver's side of the instrument panel.

5. With the ignition key ON, turn ON the VCI and GDS. Access the GDS vehicle identification number (VIN) screen and configure the vehicle using the **VIN AUTO DETECT** Function.

6. Select **BCM** system and click **OK.**
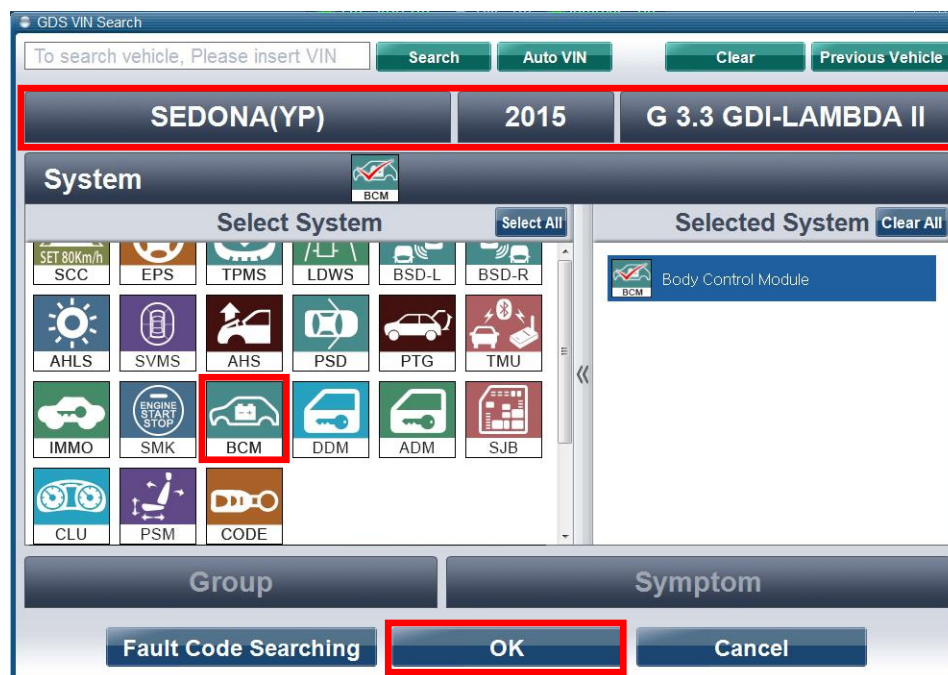
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7. Select **ECU Upgrade** from the bottom right-hand corner. Next select **Auto Mode**, and then **Upgrade Event 236**. Perform the upgrade in accordance with normal GDS ECM upgrade procedures.
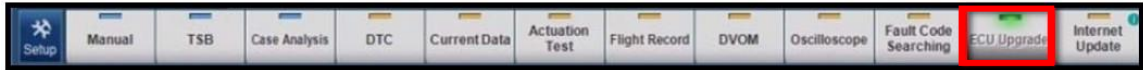
8. When the GDS reports that the BCM upgrade has been successfully completed, click **OK** and disconnect the negative (-) battery terminal for ten (10) seconds.

9. Reconnect the negative (-) terminal and check if any incidental Diagnostic Trouble Codes (DTC(s)) have been created by the upgrade process; clear any DTC(s) that may be present.

10. Start the vehicle to confirm proper instrument cluster operation.

Manual Mode Upgrade

> ★ **NOTICE**
>
> **Do NOT attempt to perform a Manual Mode upgrade unless Auto Mode fails. Always follow the instructions given on the GDS in either Auto or Manual mode. See the table below for Manual Mode passwords.**

MANUAL MODE BCM UPGRADE PASSWORDS:

Upgrade Event #236 Sedona (YP)

MENU	PASSWORD
YP BCM W/ TPMS : 95400-A9500/510/520/530	**9530**

1. Within the ECU Upgrade screen, select **Manual Mode** in the left column, select **BCM** System and then select **Upgrade Event 236**. 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. Upgrade will begin and the progress of the upgrade will appear on the bar graph.

4. When the GDS reports that the BCM upgrade has been successfully completed, click **OK** and disconnect the negative (-) battery terminal for ten (10) seconds.

5. Reconnect the negative (-) terminal and check if any incidental Diagnostic Trouble Codes (DTC(s)) have been created by the upgrade process; clear any DTC(s) that may be present.

6. Start the vehicle to confirm proper instrument cluster operation.

Owner's Manual Correction

1. Open the glove box and locate the Owner's Manual and the Features and Functions Guide (FFG).

★ **NOTICE**

Discard the original FFG and replace it with a new one (See "Required Parts" table on Page 7).

2. Open the Owner's Manual to the page shown in the table below and carefully place the corrective label over the affected text, as shown.

Page	Content to be Corrected
4-26	★ NOTICE

Automatic door lock system
All doors will be automatically locked if the automatic transaxle shift lever is shifted from the P (Park) position to the R (Reverse), N (Neutral) or D (Drive) position.

3. Open the Owner's Manual to the page shown in the table below and carefully place the blank label over the affected text, as shown.

Page	Content to be Corrected
4-85	Door / Liftgate (Tailgate)

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REQUIRED PARTS:

Part Name	Part No.	Qty.	Figure	Comments
OM Correction Label	UV150 PS109OM	1		Auto Shipped to Dealers for in-stock vehicles.
Sedona FFG	UV150-PS-004-R2S	1		Auto Shipped to Dealers for in-stock vehicles. For additional FFGs, contact Archway at (866) 542-6268

AFFECTED VEHICLE PRODUCTION RANGE:

Model	Date Range
Sedona (YP) (EX, SX & SXL)	From July 21, 2014 through November 20, 2014

WARRANTY INFORMATION:

Claim Type	Causal P/N	Qty.	N Code	C Code	Repair Description	Labor Op Code	Time	Related Parts	Qty.
R	95400 A9500	0	N99	C99	(SC109) BCM Upgrade and Manual Label Attach	140081R0	0.4 M/H	N/A	0

✶ NOTICE

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