	GROUP Service Campaign	MODEL 2014~2015MY Soul (PS)
	NUMBER SC 117	DATE March 2015
VOLUNTARY SERVICE CAMPAIGN		
SUBJECT: SOUL (PS) – ACU LOGIC UPDATE (SC117)		

This bulletin provides information related to the update of the Airbag Control Unit (ACU) logic of some 2014~2015MY Soul (PS) vehicles, produced from July 21, 2013 through November 26, 2014. To install the new logic, the ACU should be updated using the GDS/KDS download, as described in this bulletin. Kia is requesting the completion of this Service Campaign on all affected vehicles, including dealer stock, prior to delivery. 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.



Global Diagnostic System (GDS)

*** 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.

File Under: <Service Campaign >

- Circulate To: General Manager Service Manager Parts Manager
- Service Advisor(s) Technician(s) Body Shop Manager Fleet Repair

Upgrade Procedure:

The ACU should be reprogrammed using the GDS download, as described in this bulletin.

UPGRADE EVENT NAME
237.PS PS ACU S/W LOGIC UPGRADE

*** 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.

ROM ID INFORMATION TABLES:**Upgrade Event #237**

MODEL	SYSTEM	ACU P/N	Version	ROM ID	
				PREVIOUS	NEW
PS	ACU	95910 B2010	E221	95910 B2010_E221	95910 B2010_E245
		95910 B2000	E220	95910 B2000_E220	95910 B2000_E245

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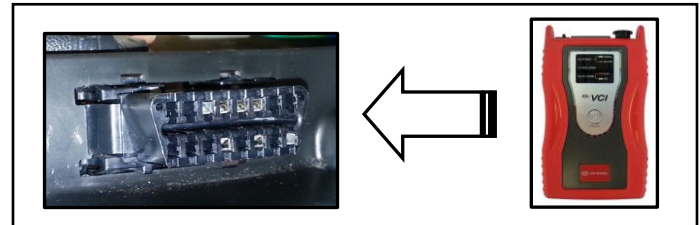
- Connect the USB cable between the VCI and the GDS.

★ NOTICE

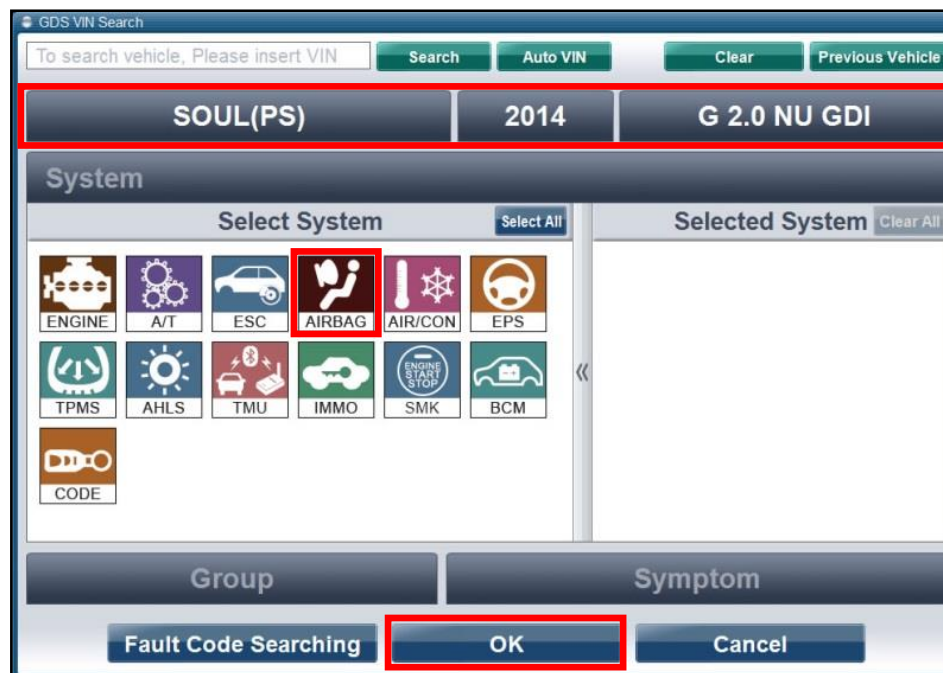
When performing the upgrade using the GDS, wireless communication between the VCI and GDS is not available. Therefore, be sure to connect the USB cable between the VCI and the GDS.

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

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

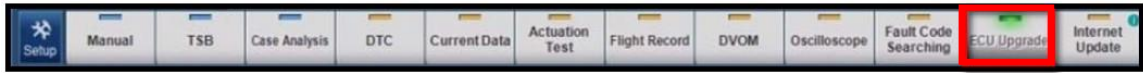


- With the ignition key ON, turn ON the VCI and GDS. Access the GDS vehicle identification number (VIN) screen and configure the vehicle using the **VIN AUTO DETECT** Function.
- Select **AIRBAG** system and click **OK**.



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7. Select **ECU Upgrade** from the bottom right-hand corner. Next select **Auto Mode**, and then **Upgrade Event 237.PS ACU S/W LOGIC UPGRADE**. Perform the upgrade in accordance with normal GDS ECM upgrade procedures.



8. When the GDS reports that the ACU upgrade has been successfully completed, click **OK** and turn the ignition off for ten (10) seconds.
9. 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 operation.

*** 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 Upgrade

MANUAL MODE ACU UPGRADE PASSWORDS:

Upgrade Event #237 Soul (PS)

MENU	PASSWORD
PS ACU: 95910-B2010	2010
PS ACU: 95910 B2000	2000

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1. Within the ECU Upgrade screen, select **Manual Mode** in the left column, select **AIRBAG** system and then select **Upgrade Event 237.PS PS ACU S/W LOGIC UPGRADE**. 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 on Page 4, 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 ACU upgrade has been successfully completed, click **OK** and turn the ignition off for ten (10) seconds.
5. 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 operation.

AFFECTED VEHICLE PRODUCTION RANGE:

Model	Date Range
Soul (PS)	From July 21, 2013 through November 26, 2014

WARRANTY INFORMATION:

Claim Type	Causal P/N	Qty.	N Code	C Code	Repair Description	Labor Op Code	Time	Related Parts	Qty.
R	95910 B2010	0	N99	C99	(SC117) ACU Logic Upgrade	140086R0	0.3 M/H	N/A	0

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