	KIA	GROUP Electrical	MODEL 2011-12MY Sorento (XM)
		NUMBER 051	DATE April 2013
	TECHNICAL SERVICE	BULLETIN	V
SUBJECT:	SERVICE ACTION: DRIVER'S SIDE PO MOTOR REFLASH PROCEDURE	WER WINDC E (SA 143)	W

*NOTICE

This reflash procedure requires a software download to a GDS laptop, or a common laptop, equipped with a RS-232 port.

This bulletin provides information relating to some Sorento (XM) vehicles produced from January 28, 2010 to May 16, 2011, which may exhibit an inoperable driver's side window. To correct this concern, reflash the driver's side power window motor to upgrade from software version 3.8 or 3.9 to software version 3.10, by following the service procedure outlined in this bulletin. Before conducting the procedure, verify the vehicle is included in the list of affected VINs.



Power Window Motor Reflash Tool P/N: 06130 10200

*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 SA143.

File Under: <Electrical>

Circulate To:	X	General	٨
circulate 10.	Λ	General	

X Service Manager Manager

X Parts Manager

X Service Advisor(s) X Technician(s)

X Body Shop Manager Fleet Repair

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Service Procedure

1. Turn the ignition to the "OFF" position and open the driver's side door.



2. Remove the quadrant inner cover using a non-marring plastic remover.

A CAUTION

Exercise caution when removing the quadrant inner cover as it can be easily damaged.

3. Push the lock pin to disconnect the tweeter connector.





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4. Remove the door grip handle cover using a non-marring plastic remover.



5. Remove the screw securing the upper portion of the door grip.



6. Remove the screw securing the lower portion of the door grip.



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7. Remove cover from inside door handle trim area and remove screw.



8. Remove cover from innermost door panel mounting location and remove screw.



9. Remove cap from inside the door handle and remove screw.



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10. Remove cap from outermost door panel mounting location and remove screw.



11. Use a non-marring plastic remover to dislodge bottom edge of the door panel.



12. Remove the door panel by gently pulling on the storage compartment.



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13. Push the hook and remove the inside handle cage.



14. Disconnect the connectors from the door panel.



- 15. Disconnect the power window motor connector.
- 16. Confirm the software revision level by examining the area directly below the connector on the window motor. The embossed revision level should be 3.8 or 3.9. Window motors with a revision number of 3.10 (or higher) require no further action; proceed to Step 25.



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Window Motor Reflash Procedure:

Image: Second state in the second state state in the second state in the second state in the se

 Click on the link "Download for Power Window Motor Reflash Procedure (ELE 051 / SA143)"



J2534 Programming

3. Click "Save".



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4. Click "Save".

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5. Click "Open Folder".

6. Click on the file named "Reflash-Setup-2".

7. Click "Run".





Name: Reflash Setup-2.exe Publisher: Unknown Publisher Type: Application From: C:\Documents and Settings\KMA40319\My Docu Run Cance	un this	software?	not be verified.	Are you sure	you want to
Publisher: Unknown Publisher Type: Application From: C:\Documents and Settings\KMA40319\My Docu Run Cance		Name: Ref	flash Setup-2.exe		
Type: Application From: C:\Documents and Settings\KMA40319\My Docu Run Cance		Publisher: Un	known Publish	er	
From: C:\Documents and Settings\KMA40319\My Docu		Type: App	plication		
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20 114 1 2 2 4				Run	Cancel
Always ask before opening this file	Alway	s ask before ope	ening this file		

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8. Click on "Next".



9. Click on "Install for anyone using this computer" and then click on "Next".

 Click on "Next". The file will be saved in the location shown and a shortcut icon will be placed on the desktop.

🕏 Reflash Setup	
Choose Users	9
Select whether you want to instal Reflash for yourself only or for all use Click Next to configue. © Instal for anyone using this computer O Instal just for me	ers of this computer.
Nullsoft, Install System v2.46 CBack Next	Cancel

Reflash Setup	
Choose Install Location	6
Choose the folder in which to install Reflash.	(.
Setup will install Reflash in the following folder. To install in a differ select another folder. Click Next to continue.	rent folder, click Browse an
Destination Folder	
Destination Folder	Browse
Destination Folder	Browse
Destination Folder EXProgram Files/Reflash Space required: 279.0KB Space available: 198.4GB	Browse
Destination Folder EXProgram Files/Reflect Space required: 279.0KB Space available: 198.4GB	Browse
Destination Folder Extension Files/Refiles2 Space required: 279.0KB Space available: 198.4GB utsoft: Install System V2.46	Browse

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11. Click on "Install".

Choose Start Menu Folder Choose Start Menu Folder Choose a Start Menu folder for the Reflash shortcuts. Select the Start Menu folder in which you would like to create the program's shortcuts. You can also enter a name to create a new folder. Reflastin Accessories Addue Addue Business Explorer Christ Clarify eFrontOffice11.2 Conference Clent Games Googe Chrome IBM Series Access for Windows

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etup was completed successfully.		
ompleted		
Extract: init.txt 100% Extract: Reflash.exe 100%		^
Extract: version history.txt 100% Output folder: C:\Documents and Settir Output folder: C:\Program Files\Reflact	ngs\All Users\Start Menu\Programs\Reflash	
Create shortcut: C:\Documents and Set Create shortcut: C:\Documents and Set	 ttings\All Users\Start Menu\Programs\Reflash\ ttings\All Users\Desktop\Reflash.lnk	
Output folder: C:\Program Files\Reflash Created uninstaller: C:\Program Files\R Output folder: C:\Documents and Settir	eflash\Uninstall Reflash.exe ngs\All Users\Start Menu\Programs\Reflash	
Create shortcut: C:\Documents and Set Completed	ttings\All Users\Start Menu\Programs\Reflash\	~
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12. Click on "Next".

13. Click on "Finish".

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14. Navigate to the desktop, double click on the "Reflash" icon and follow the on-screen instructions, as shown below.



This reflash procedure requires a software download to a GDS laptop, or a common laptop, equipped with a RS-232 port.

15. Connect the GDS laptop to an electrical outlet and connect the red serial cable connector from window motor reflash tool to the serial port on the back of the GDS laptop.





Step 1

Connect to RS232 port

Cancel

16. Click on the "OK" button.





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18. Click on the "OK" button (Step 2).

- 19. Connect the power supply from the power window motor reflash tool to an electrical outlet.
- 20. Click on the "OK" button (Step 3).
- 21. When ready to perform the reflash, click the "OK" button (Step 4).
- 22. If the reflash procedure was successful, the screen will display the "success" message. Proceed to Step 24.









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23. If the reflash procedure was unsuccessful, the screen will display the "communication error" message.

Check the following to resolve a "communication error" message:

- Reflash tool power supply is properly connected.
- RS-232 cable connector is properly connected.
- Window motor cable connector is properly connected.

After all checks are complete, perform the reflash procedure again.

24. After successfully performing the reflash procedure, remove the programming connector and reconnect the OE connector to the window motor.





- 25. Reinstall all removed components by reversing the order of removal.
- 26. Allow the motor to re-learn the window auto function by pressing the window down switch until window is completely down. Then, press window up switch and once the window has reached the top, hold the window up switch for 1 second.

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AFFECTED VEHICLE PRODUCTION RANGE:

Model	Production Date Range
Sorento (XM)	From Jan. 28, 2010 to May 16, 2011

REQUIRED TOOL:

Tool Name	Part Number	Figure	Quantity	Remarks
Power Window Motor Reflash Tool	06130 10200		1	Auto-shipped to Dealer (For additional re-flash tool orders, contact Snap-On Business Solutions at 888-542-1011)

WARRANTY CLAIM INFORMATION:

Claim Type	Causal P/N	Qty.	N Code	C Code	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty
v	82450 2P010	0	N94	C99	(SA 143) XM Power Window Motor Reflash	120A07R0*	0.4 M/H	N/A	0

*Includes: R&R Door trim panel



VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SA143 when accessing the WebDCS system.