	GROUP	MODEL		
1/1A	Body	2013MY Screpto (XM)		
	NUMBER	DATE		
	PS257	May 2013		
PITSTOP TECHNICAL OPERATIONS				
SUBJECT: PANORAMIC SUNROOF DUST SEAL REPLACEMENT				

When diagnosing a panoramic sunroof assembly with torn dust seals, refer to the procedure below to replace \underline{ONLY} the affected dust seals and \underline{NOT} the panoramic sunroof assembly.

Part No.	Description	QTY
KG310 1301	Seal (RH), Sunroof Dust	1
KG310 1601	Seal (LH), Sunroof Dust	1

Panoramic Sunroof Components:



No.	Description
1.	Glass Panel
2.	Rear Rail Cover Seal
3.	Rear Rail
4.	Dust Seal
5.	Side Molding Panel
6.	Sunroof Frame Assy.

Service Procedure:

- 1. Carefully remove the front and rear roof rack rail trim pieces.
- 2. Remove the roof rack rail.



3. Carefully remove the rear sunroof side molding panel.



- 4. Remove the dust seal by pulling it up and towards the front of the vehicle.
- 5. Clean out any debris, if present, and lubricate the sunroof track using Silicone based grease (P/N UM011 CH052).
- 6. Clean the mounting surface for the dust seal using Isopropyl Alcohol.
- 7. Install the new dust seal.
- 8. Re-install all removed components by reversing the order of removal.



Page 2 of 2

KIN	GROUP Engine	MODEL 2013MY Rio 1.6L, Soul 1.6L & 2.0L, Forte 2.0L & 2.4L, Optima 2.4L & 2.0L Turbo, Optima Hybrid, Sorento 2.4L & 2.4L GDI & 3.5L, Sportage 2.4L & 2.0L Turbo,
	NUMBER	DATE
TEOLINI	124 [Rev 4, 5/15/2013]	
IECHN	ICAL SERVIC	SE BULLETIIN
DATA COLLECTION: EXT	TRACT CALIFORNIA EMIS	SIONS DATA FROM ECU (DC004)
This bulletin has been rev this bulletin are indicated	vised to include additional in I by a black bar in the margin	formation. New/revised sections of I.
This bulletin provides informa the engine control unit (ECU (CARB) requires the emission reprogramming or resetting. T allow the capture of relevant p	tion related to extracting "in us) in certain vehicles sold in Ca ns data from vehicles with a r To facilitate collection of this da parameters.	e performance tracking" emissions data from alifornia. The California Air Resources Board ninimum of 3000 accumulated miles withou ata at the dealer level, GDS screen shots wil
* NOTICE		
IF THE VEHICLE MEETS PERFORM THIS DATA CO IS IN THE SHOP FOR AN	THE CRITERIA BELOW, CAL DLLECTION ON VEHICLES W Y MAINTENANCE OR REPAIL	IFORNIA DEALERS MUST /HENEVER AN AFFECTED VEHICLE R.
THIS DATA COLLECTION OUTSIDE OF CALIFORNI	I DOES NOT APPLY TO VEHI A.	CLES OR DEALERS OPERATING
For vehicles listed on DCS confirming that the following c	as requiring this procedure, riteria are met:	follow the instructions in this bulletin after
WebDCS shows this as the vehicle.	an open Data Collection cod	e DC004A ──→Q (depending on model) for
* NOTICE		
Note that as sufficient da without updates to the TS is required. <u>Data collection</u>	ita is collected, individual lin SB. Once a line item is close ons initiated after a line item	e items per model may be closed d on DCS, no further data collection is closed are subject to chargeback.
Vehicle has more than 30	00 miles on its odometer.	
 Vehicle repair history doe done in the last 3000 m have been cleared by suc 	es not show battery replacem iles, because IUMPR (In Use ch an event.	ent/disconnection/reset or an ECU Update e Monitor Performance Ratio) data would

- Vehicle does not have a check engine light ON.
- File Under: <Engine>

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

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SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC004)

A CAUTION

If vehicle meets above criteria, collect data prior to any other campaign or repairrelated activities.

Service Procedure:

 Open the engine compartment and locate the emission label under the hood. Locate and write down the "Group" number for later entry into the form.

KIA	VEHICLE	KIA MOTO EMISSION	RS CORP	ORATIO	ON FORMATION
Conforms to	regulations :		2012 M	1	
U.S.EPA : C	or sale only in state alifornia emissions	es with standards	OBD : N	A/A	Fuel : N/A
California : S	PC	OBD : 0	CAII	Fuel : Gasoline	
No adjuştmen	No adjustments g ed. SFI/HO2S(2)/WU-TWC/TWC				J-TWC/TWC
Group : CKM Evap. : CKM	XV02.0TPC XR0140PPT	CG	13	32	2453-2G133

 To start, use the Global Diagnostic System (GDS). Begin by clicking on "ID Register." Click on "Auto VIN" or manually enter vehicle information on the next screen.

*_{NOTICE}

GDS must be updated to version N-K-01-10-0012 or later to properly collect data!

VIN		System >	an faile and the second second second
Preparation	Diagnosis	Vehicle S/W Management	Repair
Venicle info 0	Basic Inspection	# EGU Upgrade	B Replacement
Hint Fix	U DTC Analysia	+ ID Register	Ø Component Info
By DTC	13 Data Analysis	B Option Treatment	d Circuit Diagram
By Dymptom	Case Analysia	Data Treatment	
By Model	D Flight Record	# inspection / Test	
By VIN	Disceloscope		
	CARB CBD-I		
•			
Avanta torch a ser			

3. Choose **"Engine"** under **"Select System."** Click "OK" and follow on screen instructions for connecting to vehicle.



October 2012

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SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC004)

 To verify the VIN, select "Read VIN" under the "Vehicle S/W Management" menu. Click "OK" and write down the VIN for later entry into form.



5a. Select "System Identification."

۲CD	Preparation	Diagnosis	Unblow SW Management	Repair	0
CONTRACTOR OF THE OWNER.		100	ExamEnant (pres	ś.	14 12
Vehicle S/W Managemen	Service Looks	A STREET, STRE		and the second	and the second second
ECU Upgrade	ID Register	State of the state	And the second states	the state of the	1000
ID Register	C System Identification				
Lines W	P Read VIN				
a vers of	I Write VIN				
	- mac m				
	Inter College of the state		Consideration of the second	the state	1000
	- Resetting A	daptive Values			
	· Auto Detect	ed Configuration	n Reset		
		ancessaria activitation se			
	Internet and the second		terreperious with the		
	Evap Leakar	ar Test			

Screen

Capture

Button

5b. Do a screen capture of "Calibration ID" or "ROM ID" number for later form entry.

Select "Scantool Area – Full" and click "Send to file." The GDS will set up a designation folder and file name to save the captured data. Please change the file name to include the model/engine, the last 6 digits of the VIN and the date (mmddyyyy).

Before saving, write down the file name and designation folder for further reference.

Example: KM20L_703429_12142012

(Model & Eng.) (VIN) (mmddyyyy)

Next, go to the main screen by clicking on the "GDS" logo at the top left of the screen.



Before saving, write down the Calibration Number (indicated by red arrow) for further reference.

163

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1000-22726

Res

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System Identification

Evap.Leakage Test

19979

1.5.W.No. 368/72152_001 /No. 368/7215117

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SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC004)

CDS

DTC Analysis Data Analysis Case Analysis

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Preparation

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OTC Cross As OTC

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Seatcher Dapay : Full List :

Description the DIC paraent or must

 Then select "CARB OBD-II" under the "Diagnosis" tab.



0

 Click on "IN-USE Performance Tracking" found in the CARB OBD-II list at the bottom left of the screen. Then click the "Expand" button at the top right corner of "IN-USE Performance Tracking" window.

*_{NOTICE}

If all values indicate "Not Supported" or "0", check to make sure you have GDS software version N-K-01-10-0012 or later. If the software version is correct, and all values show "Not Supported" or "0", the vehicle will not qualify for this data collection, as it may have received a recent ECM Update or battery replacement/reset of the data values.

8. To capture the GDS data, click on the "Capture" button.





Only select "In Use Performance

Tracking" for this screen capture

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SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC004)

 Select "Scantool Area – Full" and click "Send to file." The GDS will set up a designation folder and file name to save the captured data. Please change the file name to include the model/engine, the last 6 digits of the VIN and the date (mmddyyyy). Before saving, write down the file name and designation folder for further reference.

Example: KM20L_703429_12142012 (Model & Eng.) (VIN) (mmddyyyy)



10. After saving the file, return to the GDS home page by clicking on the "GDS" logo in the upper left hand corner.

COD	Preparation Diagnosis	Vehicle S/W Management	Repair	0
and the second second		ExposiEngra Crock	4	1 1
Diagnosia	In USE Performance Tracking			(B)(B)
Basic Inspection	Sensitive Display (2) Pull Line (2)			
DTC Analysis	Service Same	Moode O	Value Unit	
Data Analysis Case Analysis Flight Record Oscilloscope CARB OBD-11 whi Frenzen Frei Fuere Freie Case Frenze Freier Case Frenze Freier Frenze Freier	Constructions Construct Construct Court Instance Courter Courter Courter Courter Courter Courter Courter Courters Format Courter Courters Courters Courter Courters Courters Courters Courter Courters Courte	6 60 18 18 19 19 19 19 19 19 19 19 19 19	4 Gast 28 Gast 29 Gast 3 Gast 4 Gast 4 Gast 4 Gast 4 Gast 5 Cost 4 Gast 5 Cost 7 Co	

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SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC004)

11. Then click on the "Feedback" button.

1988 B		System 2 Enjonetristers	N22 (4
Preparation	Diagnosis	Vehicle S/W Management	Repair
Vencie into 9	Basic Inspection	# ECU Upgrade	# Replacement
a Hot For	DTC Analysis	D Register	D Component Info
HB, DTC	Data Analysis	Dotion Treatment	Circuit Diagram
• By Symptom	D Case Analysis	🛛 Cata Treatment	
Dy Model	B Flight Record	# inspection / Test	
+B1 VH	11 Oscilloscope		
	CARB CBD-II		

- 12. Enter all the information requested in the form including your name and email address.
 - · For System, enter "Engine."
 - For Subject, enter "Data Collection."
 - In the Description area:
 - Type "Group:" followed by the group number from the Vehicle Emission Control Information label in Step 1.
 - Type "Calibration ID:" followed by the calibration ID obtained in Step 5b.
 - o Add current odometer mileage.
 - Add RO#.



Please check to ensure both group and Cal ID numbers are correctly entered.

Second Name	THE REPORT OF	
Sec.5+1 2-3355	1.50 PT 11 10 2 PT 1	
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	Carbander Anna Anna Anna Carbander II (1999)	2
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	Basented Access	

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SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC004)

13. To attach the data to the feedback form, click on the **"Browse"** button.

- 14. Refer to the file name and destination from Step 9.
 - Navigate to: Local Disk (D:) / gvciData / Record /
 - Click on the folder for the vehicle i.e., "Sportage (KM)."
 - Click on the folder containing the vehicle VIN.
 - Click on the file name.
 - Once the file name appears in the "File Name" box, click on the "Open" button.
 Once file name appears in attachment field, repeat and attach
 - Screen capture of "Calibration ID" or "ROM ID" number from Step 5b.

*_{NOTICE}

Ensure that you attach the correct files by <u>confirming</u> they are the same as those specified in Steps 5b & 9.

Incorrect attachments render data submissions useless and are subject to a charge back of the warranty claim.







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SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC004)

15. When the file name appears in the attachment field and all the information has been entered, click the **"Submit"** button.



GDS must be connected to the internet to submit data.



16. Click on the "Close" button to finish.



You may also print the data prior to submitting as record to attach to the RO.



AFFECTED VEHICLE PRODUCTION RANGE:

	Models		Production Range
•	Rio 1.6L	 Soul 1.6L & 2.0L 	
•	Forte 2.0L	Optima 2.4L	
•	Optima 2.0L	Optima Hybrid	
	Turbo	Sorento 2.4L & 2.4L GDI	2013MY
•	Sorento 3.5L	Sportage 2.4L	
•	Sportage 2.0L Turbo	Forte 2.4L	

2013MY DATA COLLECTION WARRANTY CLAIM INFORMATION:



As sufficient data is collected, individual line items per model may be closed without updates to the TSB. Once a line item is closed on DCS, no further data collection is required. <u>Data collections initiated after a line item is closed are subject to chargeback.</u>

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SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC004)

Campaign ID	Claim Type	Causal P/N	Qty	N Code	C Code	Repair Description	Labor Op Code	Time	Replace- ment P/N	Qty
DC004A	v	100CA EM999	0	N99	C99	Extract ECU data: Rio 1.6L	13HCARQA	0.3 M/H	N/A	0
DC004B	v					Extract ECU data: Soul 1.6L	13HCARQB			
DC004C	v					Extract ECU data: Soul 2.0L	13HCARQC			
DC004D	v					Extract ECU data: Forte 2.0 SULEV	13HCARQD			
DC004E	v					Extract ECU data: Optima 2.4L SULEV	13HCARQE			
DC004F	v					Extract ECU data: Sorento 2.4L	13HCARQF			
DC004G	v					Extract ECU data: Sorento 2.4L GDI	13HCARQG			
DC004H	v					Extract ECU data: Sorento 3.5L	13HCARQH			
DC004I	v					Extract ECU data: Optima 2.0L Turbo	13HCARQI			
DC004J	v					Extract ECU data: Sportage 2.4L SULEV	13HCARQJ			
DC004K	v					Extract ECU data: Sportage 2.4L ULEV	13HCARQK			
DC004L	v					Extract ECU data: Sportage 2.0L Turbo	13HCARQL			
DC004M	v					Extract ECU data: Forte 2.4L SULEV	13HCARQM			
DC004N	v					Extract ECU data: Forte 2.4L ULEV	13HCARQN			
DC004O	۷					Extract ECU data: Forte 2.0L ULEV	13HCARQO			
DC004P	v					Extract ECU Data: Optima 2.4L ULEV	13HCARQP			
DC004Q	v					Extract ECU Data: Optima Hybrid	13HCARQQ			

*_{NOTICE}

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference DC004 when accessing the WebDCS system.