



GROUP
Engine

MODEL
2015MY
Multiple Models
(see table on Pg. 17)

NUMBER
147

DATE
July 2015

TECHNICAL SERVICE BULLETIN

SUBJECT: DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS
DATA FROM ECU (DC1501)

This bulletin provides information related to extracting “in use performance tracking” emissions data from the Engine Control Unit (ECU) of certain vehicles sold in California. The California Air Resources Board (CARB) requires the emissions data from vehicles with a minimum of 3,000 accumulated miles without reprogramming or resetting. To facilitate collection of this data at the dealer level, GDS/KDS screenshots will allow the capture of relevant parameters.

* NOTICE

IF THE VEHICLE MEETS THE CRITERIA BELOW, CALIFORNIA DEALERS MUST PERFORM THIS DATA COLLECTION ON VEHICLES WHENEVER AN AFFECTED VEHICLE IS IN THE SHOP FOR ANY MAINTENANCE OR REPAIR.

THIS DATA COLLECTION DOES NOT APPLY TO VEHICLES OR DEALERS OPERATING OUTSIDE OF CALIFORNIA.

For vehicles listed on DCS as requiring this procedure, follow the instructions in this bulletin after confirming that the following criteria are met:

- WebDCS shows this as an open Data Collection code DC1501A → U (depending on model) for the vehicle.

* NOTICE

Note that 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. Data collections initiated after a line item is closed are subject to chargeback.

- Vehicle has more than 3000 miles on its odometer.
- Vehicle repair history does not show battery replacement/disconnection/reset or an ECU Update done in the last 3000 miles, because IUMPR (In Use Monitor Performance Ratio) data would have been cleared by such an event.
- Vehicle does not have a check engine light ON.

File Under: <Engine>

Circulate To: General Manager Service Manager Parts Manager

Service Advisor(s) Technician(s) Body Shop Manager Fleet Repair

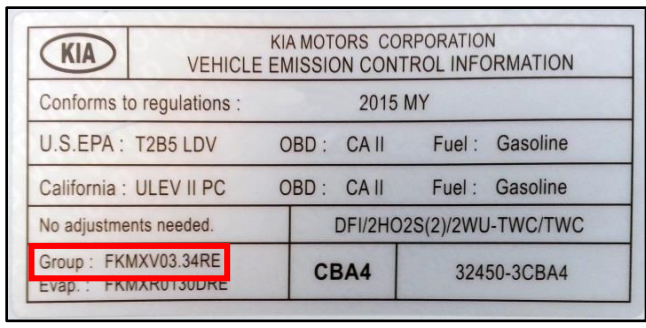
SUBJECT: DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC1501)

*** NOTICE**

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

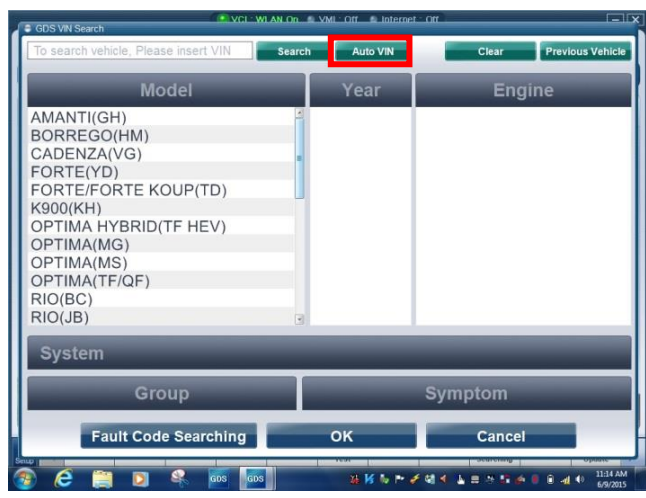
GDS Service Procedure:
(For KDS procedure, proceed to Page 7)

1. Open the engine compartment and locate the Vehicle Emission Control Information label. Write down the “**Group**” number for later entry into the form.
2. With the ignition key ON, insert the VCI into the DLC and turn on the GDS. Access the GDS vehicle identification number (VIN) screen and configure the vehicle using the **VIN AUTO DETECT** Function.



*** NOTICE**

- GDS must be updated to version N-K-01-15-0000, or later, to properly collect data.
- GDS must be connected to the internet to submit data.



3. Choose **Engine** and Click on **OK**.

*** NOTICE**

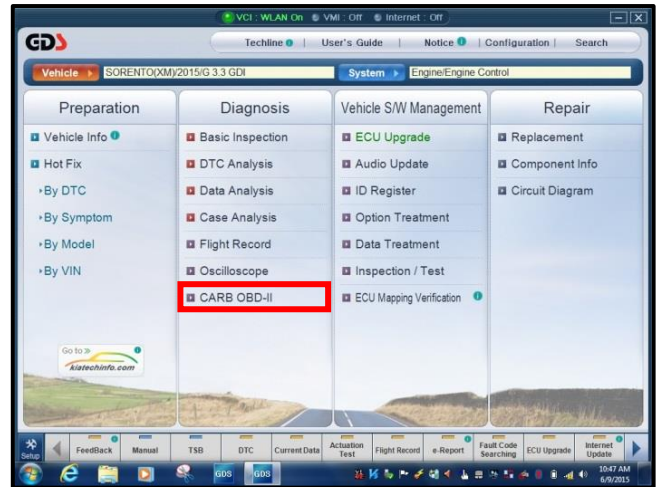
Screens shown in this bulletin are for demonstration **ONLY** purposes and will vary depending on the vehicle.



SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC1501)

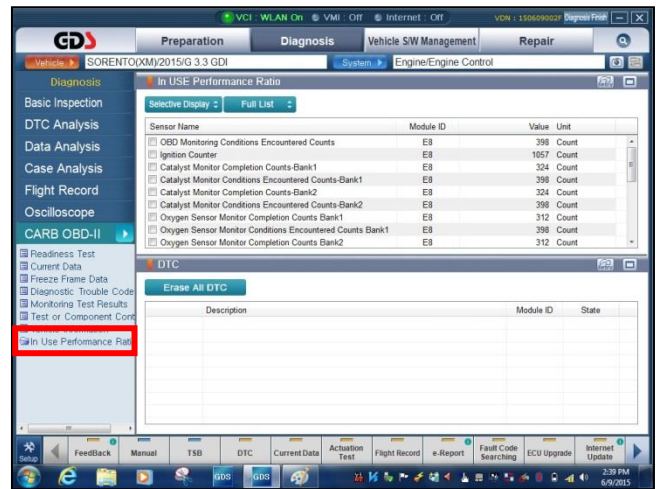
4. Select **CARB OB-D-II** under the Diagnosis tab.



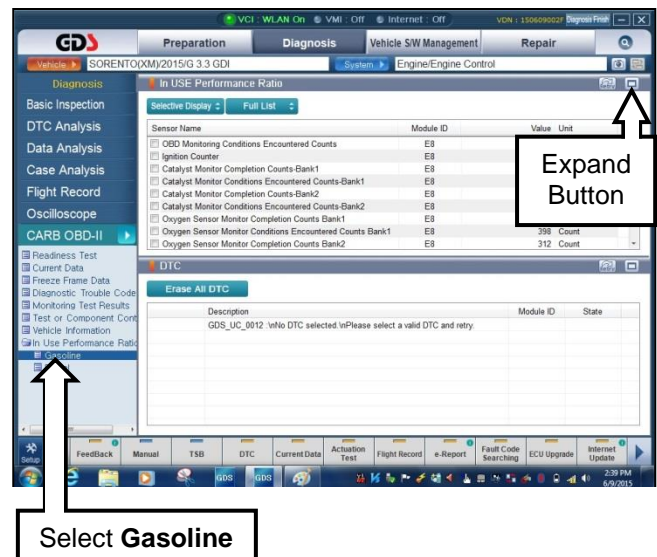
5. Click on **IN USE Performance Ratio** at the bottom left of the screen.

*** NOTICE**

If all values indicate "Not Supported" or "0", check to make sure you have GDS software version N-K-01-15-0000 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.



6. Click on **Gasoline** and then click the **Expand** button at the top right corner of the **IN USE Performance Ratio** window.

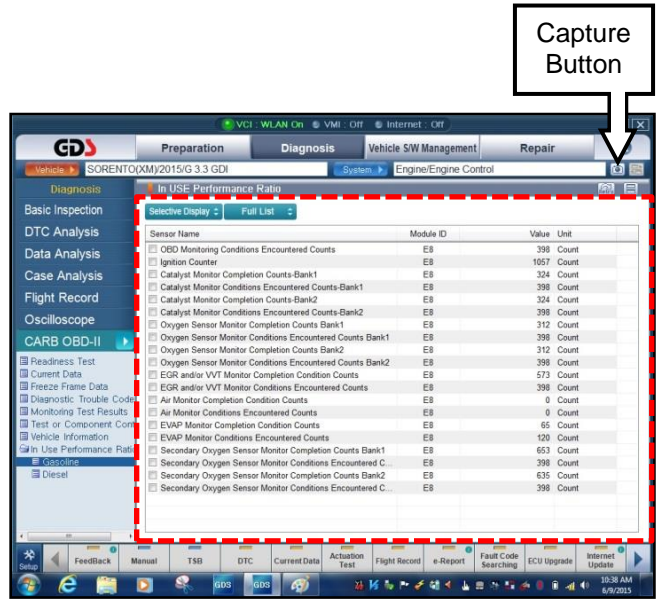


SUBJECT: DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC1501)

- Click **Gasoline**. Then, click the **Capture** button.

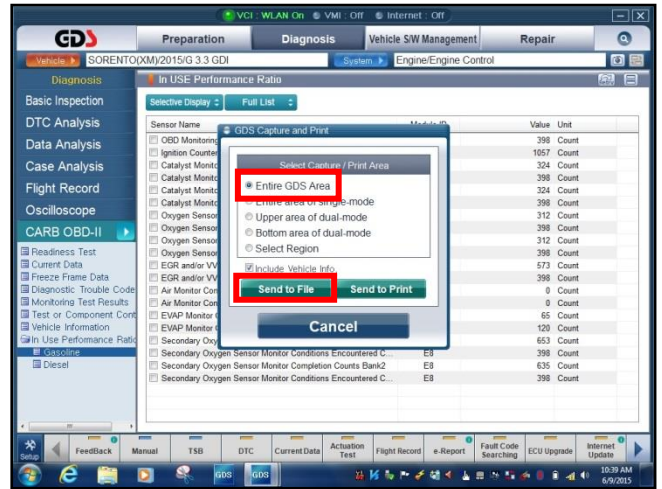
*** NOTICE**

Make sure to capture the entire screen. If only part of the screen is displayed, first click the "Expand" button as described in step 6.



- Select **Entire GDS Area** and click **Send to file**. The GDS will set up a destination folder and file name to save the captured screenshot. Change the file name to include the model/engine, the last 6 digits of the VIN and the date (mmddyyyy), as shown below.

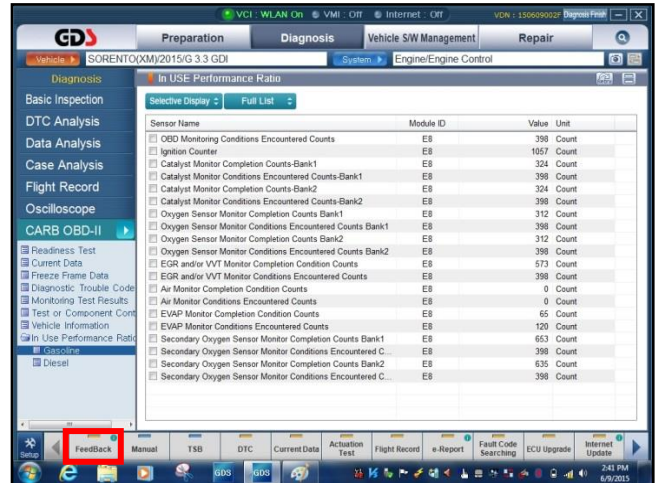
Example: XM33L_576681_06092015
 ↑ ↑ ↑
 (Model & Eng.) (VIN) (mmddyyyy)



- After saving the file, click on **Feedback** button.

*** NOTICE**

GDS must be connected to the internet to submit data.



SUBJECT:**DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS
DATA FROM ECU (DC1501)**

10. Enter all the information requested in the form, including your name and email address. Additionally, enter the following information:

- 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 collected in step 1.
 - Add current odometer mileage.
 - Add RO#.

GDS Feedback

Important: This GDS Feedback Form is available to report GDS and Service Information concerns. All non-related concerns will not be reviewed.
Thank you for submitting GDS and Service Information concerns.

Please enter the following information. Please be specific in the text and include screen captures to include the navigation path.
* fields are required.

* Dealer Code [DEALER #]

* Sender Name [TECHNICIAN NAME]

* Sender E-Mail [TECHNICIAN'S EMAIL ADDRESS]

* Vehicle Description

VIN [VEHICLE VIN]

Model [KIA MODEL]

Model Year [VEHICLE YEAR]

Engine [ENGINE SIZE]

Auto/Manual [TYPE OF TRANSMISSION]

Trans [TYPE OF TRANSMISSION]

2WD/4WD []

System [ENGINE]

* Subject [DATA COLLECTION]

* Description [GROUP:XXXXXXXXXX
CURRENT ODOMETER MILEAGE: XXXXXX
RO#: XXXXXXXXXXXX]

Attachment * If you saved your screen captures using the GDS Capture and Print software, click the "browse" button, select "my computer", "local disk (D:)", "gvcData" folder, "GDSCapture" folder, then select your captured image(s).

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

*** NOTICE**

Ensure that you attach the correct files. Incorrect attachments render data submissions useless and are subject to a charge-back of the warranty claim.

GDS Feedback

Important: This GDS Feedback Form is available to report GDS and Service Information concerns. All non-related concerns will not be reviewed.
Thank you for submitting GDS and Service Information concerns.

Please enter the following information. Please be specific in the text and include screen captures to include the navigation path.
* fields are required.

* Dealer Code [DEALER #]

* Sender Name [TECHNICIAN NAME]

* Sender E-Mail [TECHNICIAN'S EMAIL ADDRESS]

* Vehicle Description

VIN [VEHICLE VIN]

Model [KIA MODEL]

Model Year [VEHICLE YEAR]

Engine [ENGINE SIZE]

Auto/Manual [TYPE OF TRANSMISSION]

Trans [TYPE OF TRANSMISSION]

2WD/4WD []

System [ENGINE]

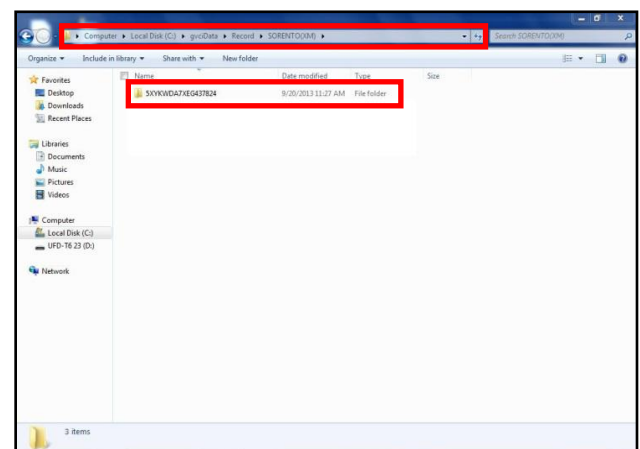
* Subject [DATA COLLECTION]

* Description [GROUP:XXXXXXXXXX
CURRENT ODOMETER MILEAGE: XXXXXX
RO#: XXXXXXXXXXXX]

Attachment * If you saved your screen captures using the GDS Capture and Print software, click the "browse" button, select "my computer", "local disk (D:)", "gvcData" folder, "GDSCapture" folder, then select your captured image(s).
* If you used the laptop's "print screen" button, click the "browse" button, select "my documents" folder, "my pictures", then select your captured image(s).

12. Use the path shown below to navigate to the destination folder and file created in step 8.

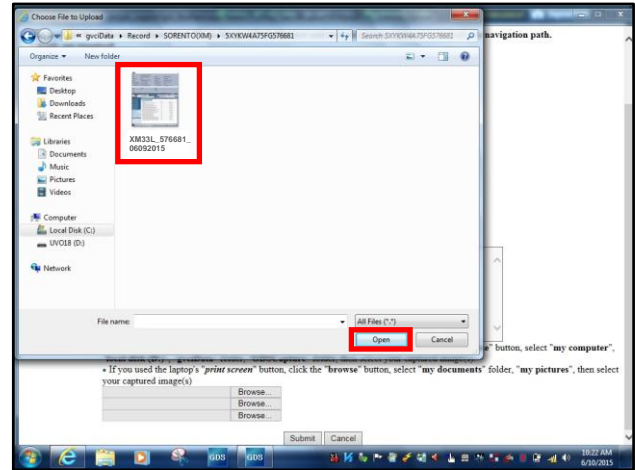
- Navigate to: **Local Disk (C:) > gvcData > Record**
- Click on the folder for the vehicle *i.e.*, "**Sorento (XM).**"
- Click on the folder containing the vehicle VIN, as shown.



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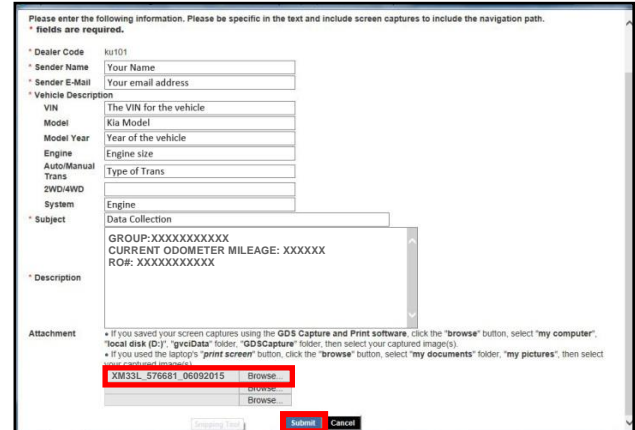
- 13. Select the correct file and click the **Open** button to attach it to the feedback form.

*** NOTICE**
Ensure that you attach the correct files. Incorrect attachments render data submissions useless and are subject to a charge-back of the warranty claim.



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

*** NOTICE**
GDS must be connected to the internet to submit data.



SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC1501)

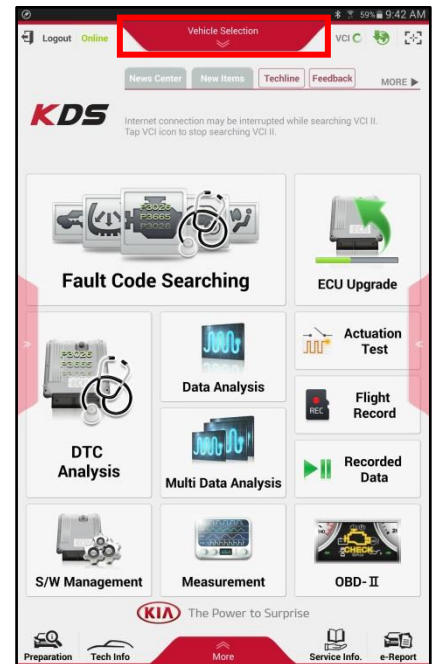
KDS Service Procedure:

1. Open the engine compartment and locate the Vehicle Emission Control Information label. Write down the "Group" number for later entry into the form.
2. With the ignition key ON, insert the VCI II into the DLC and swipe down on the **Vehicle Selection** area to identify the vehicle.

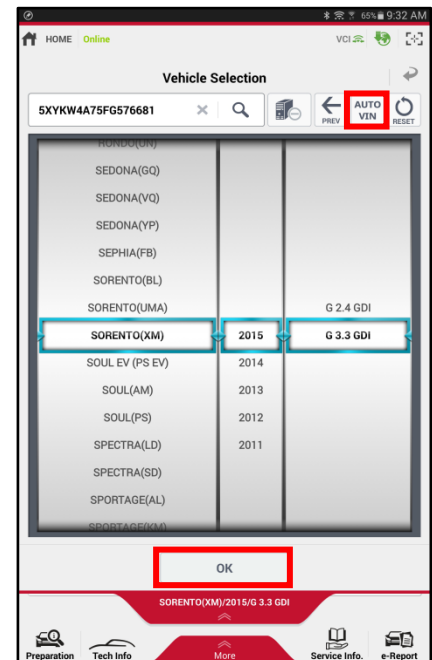
	KIA MOTORS CORPORATION VEHICLE EMISSION CONTROL INFORMATION	
Conforms to regulations :		2015 MY
U.S.EPA : T2B5 LDV	OBD : CA II	Fuel : Gasoline
California : ULEV II PC	OBD : CA II	Fuel : Gasoline
No adjustments needed.		DFI/2HO2S(2)/2WU-TWC/TWC
Group : FKM XV03.34RE	CBA4	32450-3CBA4
Evap. : FKM XR0130DRE		

*** NOTICE**

Screens shown in this bulletin are for demonstration **ONLY** purposes and will vary depending on the vehicle.

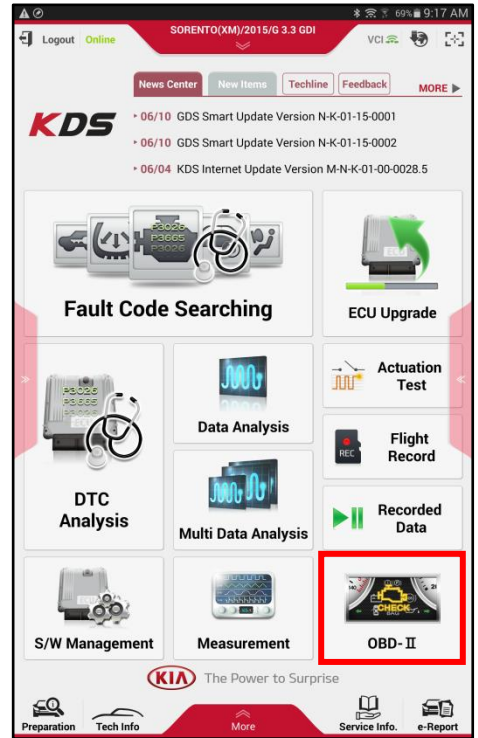


3. Select **AUTO VIN** and click **OK**.

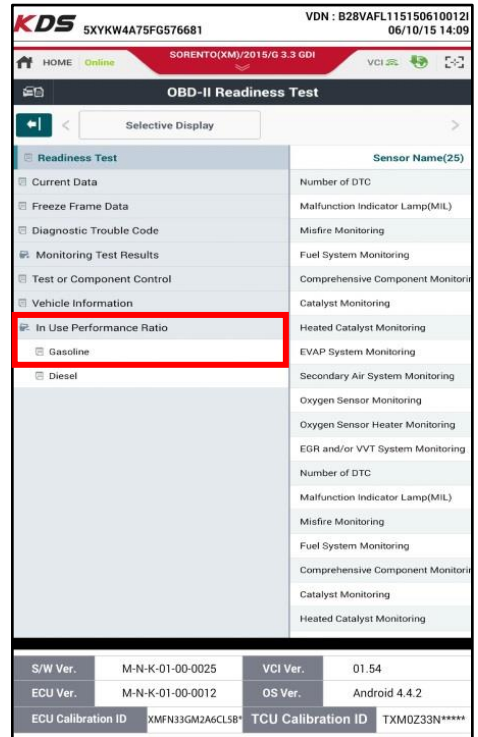


SUBJECT: DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC1501)

- Once back on the KDS Home Screen, select **OBD-II**.



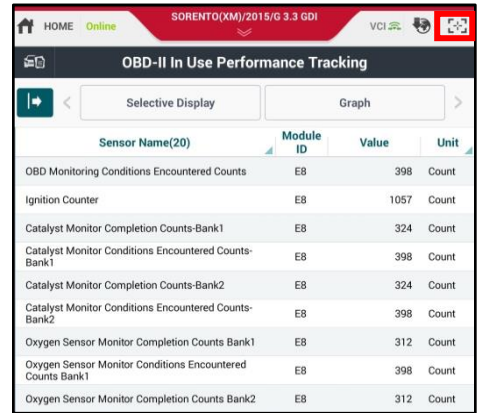
- Select **IN USE Performance Ratio > Gasoline**.



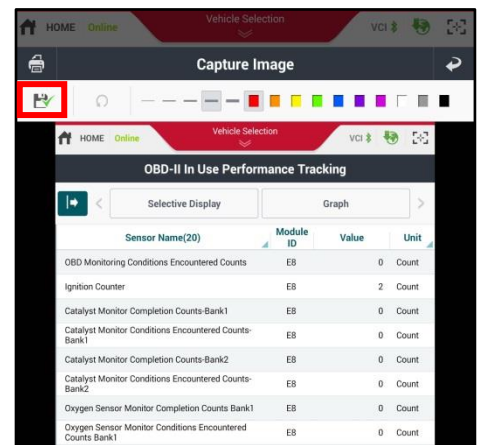
SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC1501)

6. Select the **Screen Capture** button to save a screenshot of the data.



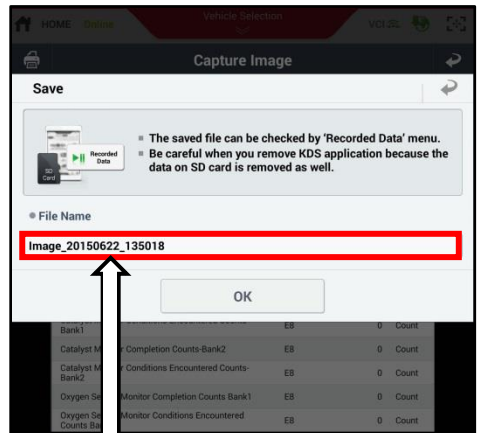
7. Select the **Save** button to save the screenshot.



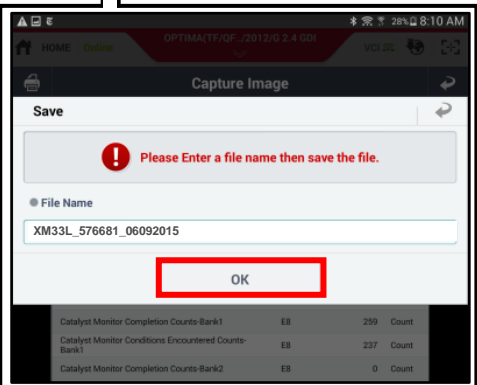
8. The KDS will set up a destination folder and file name to save the screenshot. Change the file name to include the model/engine, the last 6 digits of the VIN and the date (mmddyyyy), as shown below.

Example: XM33L_576681_06092015

↑ ↑ ↑
(Model & Eng.) (VIN) (mmddyyyy)

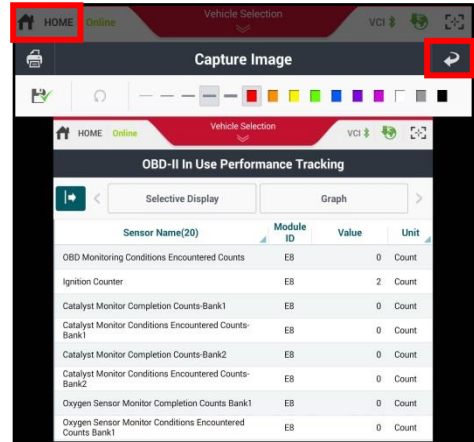


9. Select **OK** to save the image.



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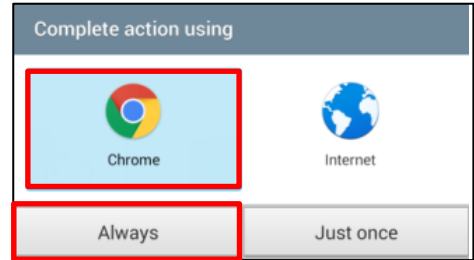
10. Select the **Return** Arrow on the screen and select the **HOME** button to return to the KDS Home Screen.



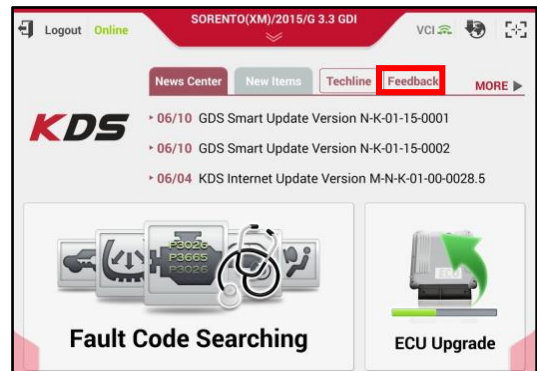
*** NOTICE**

- Steps 11~17 will need to be performed only once to properly set up KDS for this Data Collection procedure.
- If Chrome is already the default KDS browser, proceed to step 12.
- If access to the External Storage has already been added to the file manager, proceed to step 18.

11. First, set Chrome as the default Browser. If this step has been previously done, proceed to step 12. If not, access: [Configuring Browser for Techline Cases](#) on KGIS for more information.



12. Once Chrome is set as the default browser, navigate to the KDS Home Screen and select **Feedback**. **NOTE: steps 12~17 will add access to Internal and External Storage to the file manager.**



SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC1501)

13. Select one of the **Choose File** buttons at the bottom of the screen.

KDS Feedback

Important: This KDS Feedback Form is available to report KDS and Service Information concerns. All non-related concerns will not be reviewed. Thank you for submitting KDS and Service Information concerns.

Please enter the following information. Please be specific in the text and include screen captures to include the navigation path.

*** fields are required.**

* Dealer Code

* Sender Name

* Sender E-Mail

* Vehicle Description

VIN

Model

Model Year

Engine

Auto/Manual

Trans

2WD/HWD

System

* Subject

* Description

Attachment If you saved your screen captures using the KDS Capture and Print software, click the 'Choose File' button next to 'Attachments', then select your captured image(s).

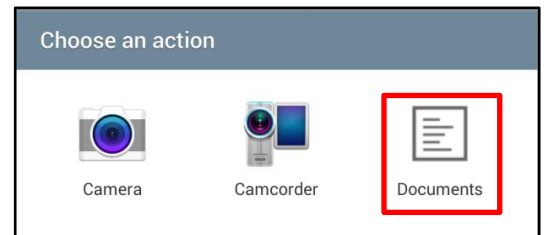
Choose File No file chosen

Choose File No file chosen

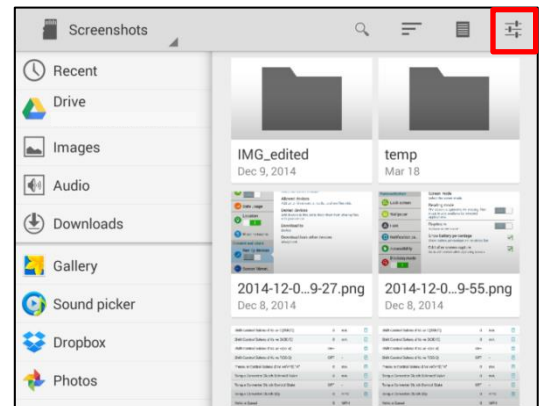
Choose File No file chosen

Submit Cancel

14. Select **Documents**.

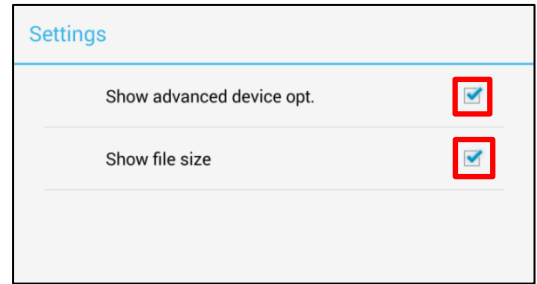


15. Select the **Settings** button on the upper right hand corner.

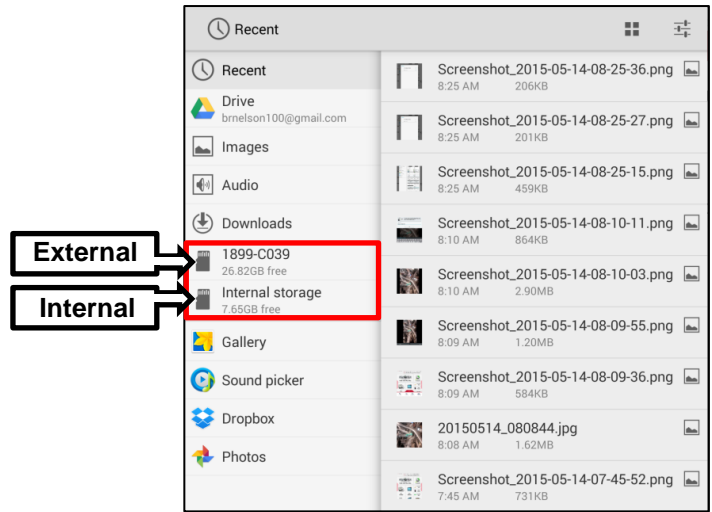


SUBJECT: DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC1501)

16. Check the box for **Show advanced device opt.** and **Show file size**, as shown.

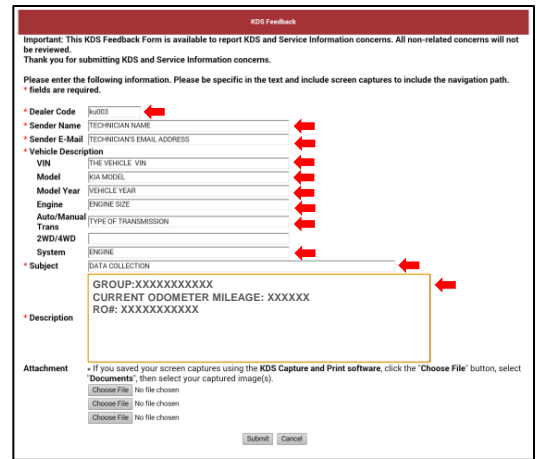


17. Access to Internal and External Memory is now available on the left hand side of the file manager.



18. Return to the KDS Home Screen and select **Feedback** (Pg. 10, step 12). Enter all the information requested in the form, including your name and email address. Additionally, enter the following information.

- 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 collected in Pg. 7, step 1.
 - Add current odometer mileage.
 - Add RO#.



*** NOTICE**

Make sure the email address is entered correctly or the Feedback form will fail to submit.

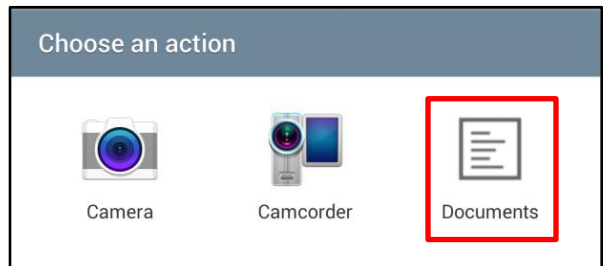
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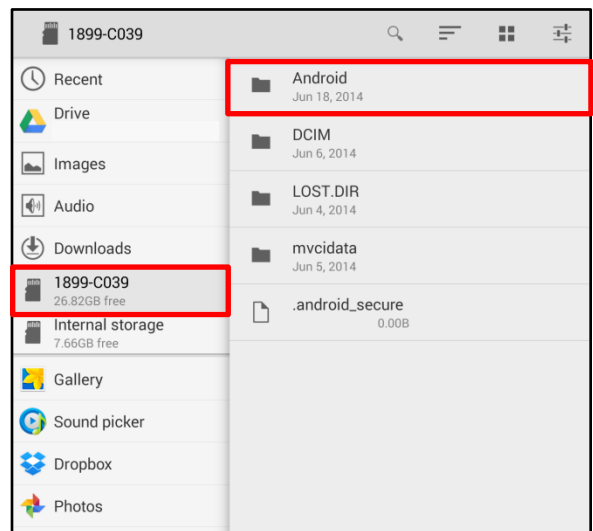
19. To attach the screenshots to the report, select **Choose File**.

The screenshot shows the 'KDS Feedback' form. The 'Attachment' section at the bottom contains three 'Choose File' buttons, each followed by the text 'No file chosen'. These buttons are highlighted with a red rectangular box. Above the buttons, there is a note: 'If you saved your screen captures using the KDS Capture and Print software, click the "Choose File" button, select the screenshot(s) to attach to your captured image(s)'. The form also includes fields for Dealer Code, Sender Name, Sender E-Mail, and Vehicle Description.

20. Select **Documents**.

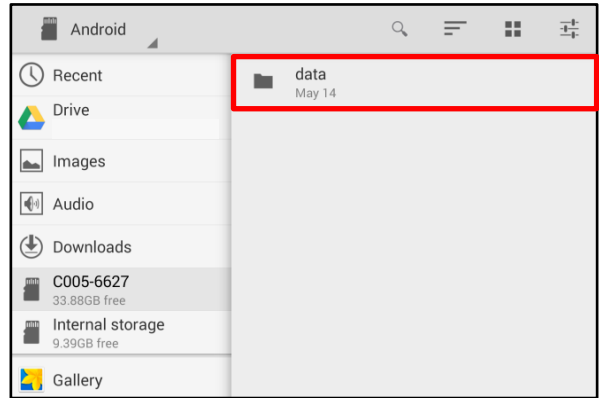


21. Select **External Storage > Android**.

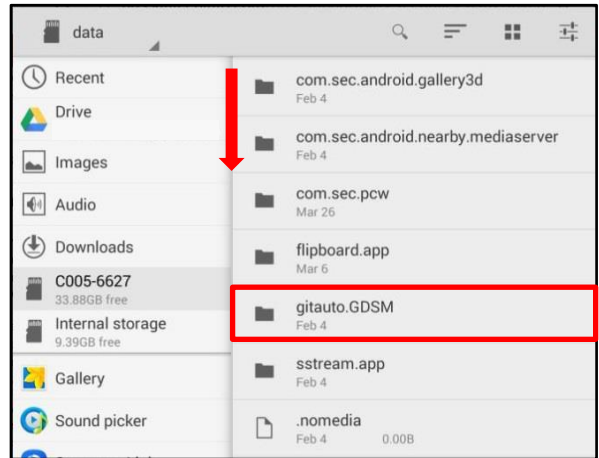


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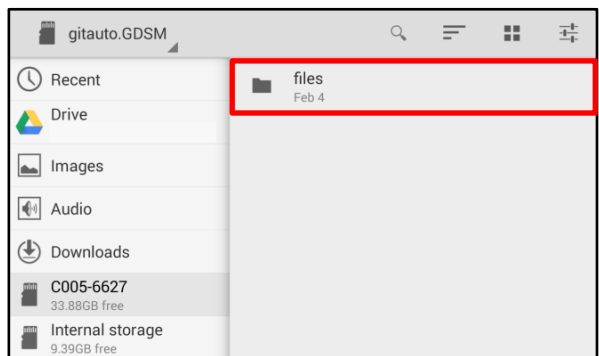
22. Select **data**.

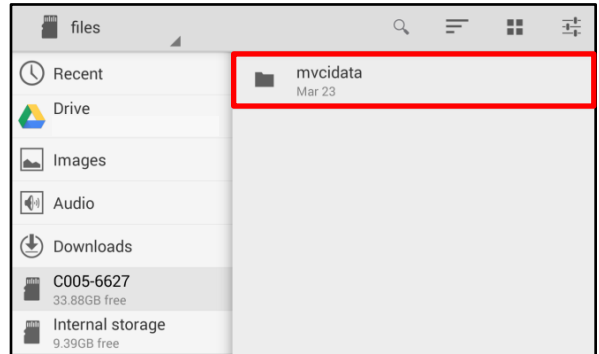
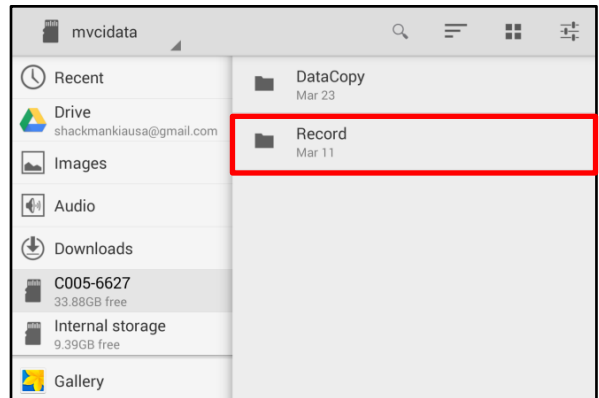


23. Scroll down and select **gitauto.GDSM**.

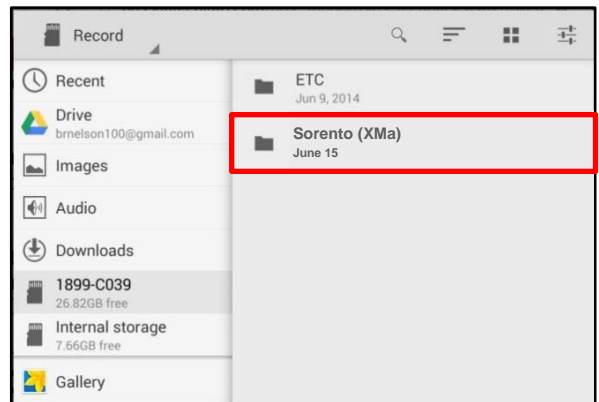


24. Select **files**.

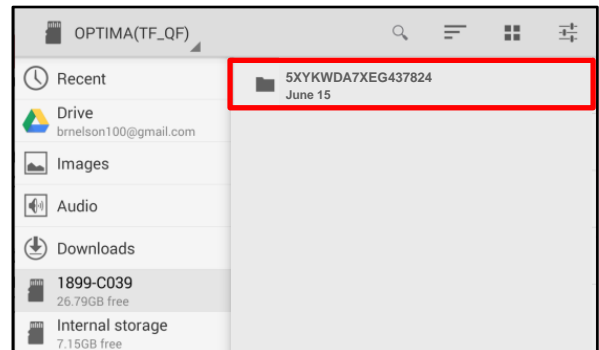


SUBJECT:**DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS
DATA FROM ECU (DC1501)**25. Select **mvdata**.26. Select **Record**.

27. Select the vehicle model.

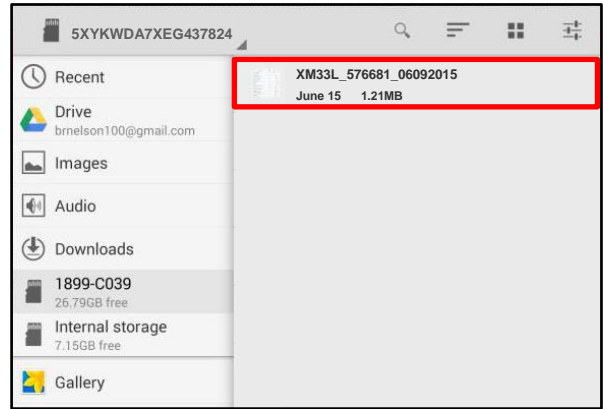


28. Select the VIN.



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29. Select the Screenshot.



30. Select **Submit**.

*** NOTICE**

Ensure that you attach the correct files. Incorrect attachments render data submissions useless and are subject to a charge-back of the warranty claim.

A screenshot of a web-based "KDS Feedback" form. The form includes the following fields:

- Dealer Code: kJ003
- Sender Name: TECHNICIAN NAME
- Sender E-Mail: TECHNICIAN'S EMAIL ADDRESS
- Vehicle Description:
 - VIN: THE VEHICLE VIN
 - Model: KIA MODEL
 - Model Year: VEHICLE YEAR
 - Engine: ENGINE SIZE
 - Auto/Manual Trans: TYPE OF TRANSMISSION
 - 2WD/4WD: ENGINE
 - System: ENGINE
- Subject: DATA COLLECTION
- Description: GROUP:XXXXXXXXXX, CURRENT ODOMETER MILEAGE: XXXXXX, RO#: XXXXXXXXXXXX

At the bottom, there is an "Attachment" section with instructions and three "Choose File" buttons, each followed by "No file chosen". A red "Submit" button and a grey "Cancel" button are at the bottom right.

SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC1501)

AFFECTED PRODUCTION RANGE:

Model	Production Range
Cadanza 3.3L ULEV, Forte 1.6L ULEV, Forte 1.8L SULEV, Forte 1.8L ULEV, Forte 2.0L SULEV, Forte 2.0L ULEV, K900 5.0L ULEV, Optima 2.0L ULEV, Optima 2.4L SULEV, Optima 2.4L ULEV, Optima HEV 2.4L ULEV, Rio 1.6L ULEV, Sedona 3.3L ULEV, Sorento 2.4L ULEV, Sorento 3.3L ULEV, Soul 1.6L ULEV, Soul 2.0L ULEV, Sportage 2.0L ULEV, Sportage 2.4L SULEV and Sportage 2.4L ULEV	2015MY

2015MY DATA COLLECTION WARRANTY CLAIM INFORMATION:

* NOTICE

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. Data collections initiated after a line item is closed are subject to charge-back.

Campaign ID	Claim Type	Causal P/N	Qty.	N Code	C Code	Repair Description	Labor Op Code	Time	Replacement P/N	Qty.
DC1501A	V	100CA EM999	0	N99	C99	Extract ECU data: Cadanza 3.3 ULEV	15VG33U1	0.3 M/H	N/A	0
DC1501B						Extract ECU data: FORTE 1.6 ULEV	15TD16U1			
DC1501C						Extract ECU data: FORTE 1.8 SULEV	15TD18S1			
DC1501D						Extract ECU data: FORTE 1.8 ULEV	15TD18U1			
DC1501E						Extract ECU data: FORTE 2.0 SULEV	15TD20S1			
DC1501F						Extract ECU data: FORTE 2.0 ULEV	15TD20U1			
DC1501G						Extract ECU data: K900 5.0 ULEV	15KH50U1			
DC1501H						Extract ECU data: OPTIMA 2.0 ULEV	15TF20U1			
DC1501I						Extract ECU data: OPTIMA 2.4 SULEV	15TF24S1			
DC1501J						Extract ECU data: OPTIMA 2.4 ULEV	15TF24U1			
DC1501K						Extract ECU data: OPTIMA HEV 2.4 ULEV	15HY24U1			
DC1501L						Extract ECU data: RIO 1.6 ULEV	15UB16U1			
DC1501M						Extract ECU data: SEDONA 3.3 ULEV	15YP33U1			

SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC1501)

DC1501N					Extract ECU data: SORENTO 2.4 SULEV	15XM24S1			
DC1501O					Extract ECU data: SORENTO 2.4 ULEV	15XM24U1			
DC1501P					Extract ECU data: SORENTO 3.3 ULEV	15XM33U1			
DC1501Q					Extract ECU data: SOUL 1.6 ULEV	15PS16U1			
DC1501R					Extract ECU data: SOUL 2.0 ULEV	15PS20U1			
DC1501S					Extract ECU data: SPORTAGE 2.0 ULEV	15SL20U1			
DC1501T					Extract ECU data: SPORTAGE 2.4 SULEV	15SL24S1			
DC1501U					Extract ECU data: SPORTAGE 2.4 ULEV	15SL24U1			

To ensure proper claim processing, enter VIN in DCS and allow the system to auto populate claim fields.

* NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference DC1501 when accessing the WebDCS system.