



GROUP
ENG

MODEL
2017MY
Multiple Models
(see table on Page 12)

NUMBER
162 (Rev 1, 09/xx/2017)

DATE
June 2017

TECHNICAL SERVICE BULLETIN

SUBJECT: DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS
DATA FROM ECU (DC17)

* 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 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, 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.

Once 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.

File Under: <Engine>

Circulate To: General Manager Service Manager Parts Manager
 Service Advisors Technicians Body Shop Manager Fleet Repair

SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

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 DC17XXXX (depending on model; see table on page 13) for the vehicle.
- Vehicle has more than 3,000 accumulated miles on its odometer.
- Vehicle repair history does not show battery replacement/disconnection/reset or an ECU update done in the last 3,000 miles, because IUMPR (In Use Monitor Performance Ratio) data would have been cleared by such an event.
- Vehicle does not have the check engine light on.

★ NOTICE

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

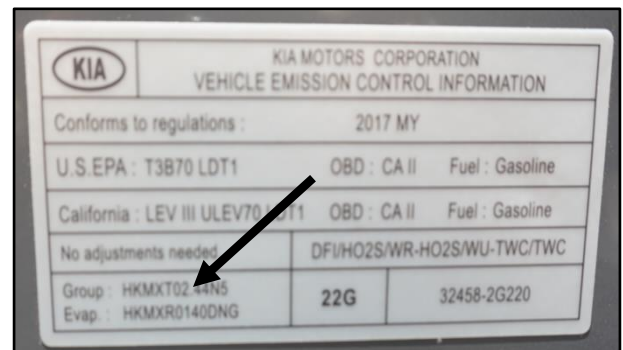
KDS Service Procedure:

★ NOTICE

The KDS tablet **MUST** have a SD Card installed for this 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.



SUBJECT:

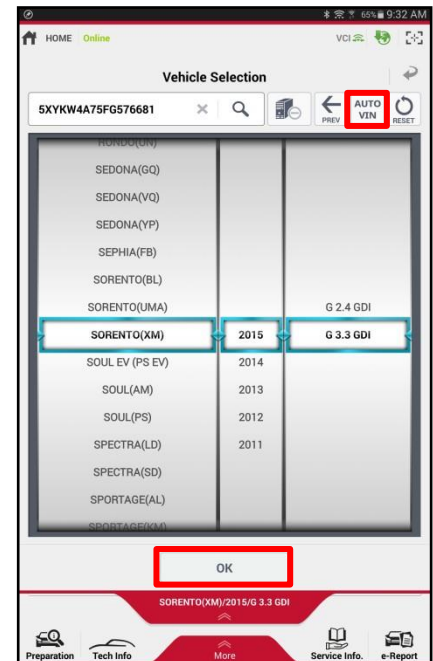
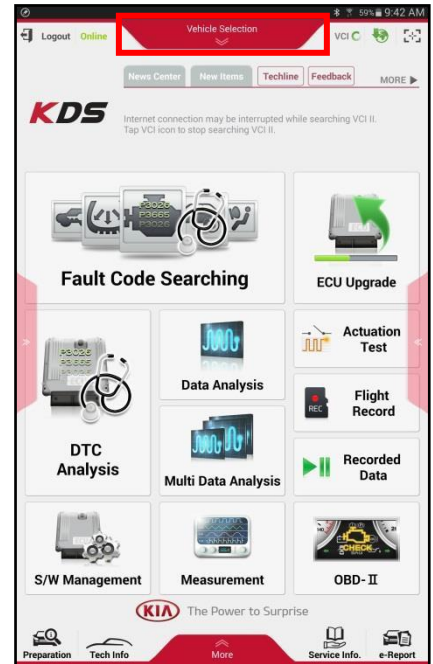
DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

- With the ignition key on, insert the VCI II into the DLC and swipe down on the **Vehicle Selection** area to identify the vehicle.

* NOTICE

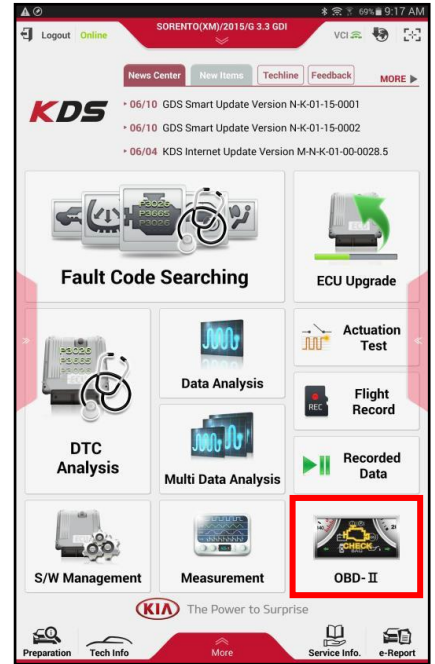
Screens shown in this bulletin are for demonstration **ONLY** purposes and will vary depending on the vehicle.

- Click **AUTO VIN**, and then click **OK**.

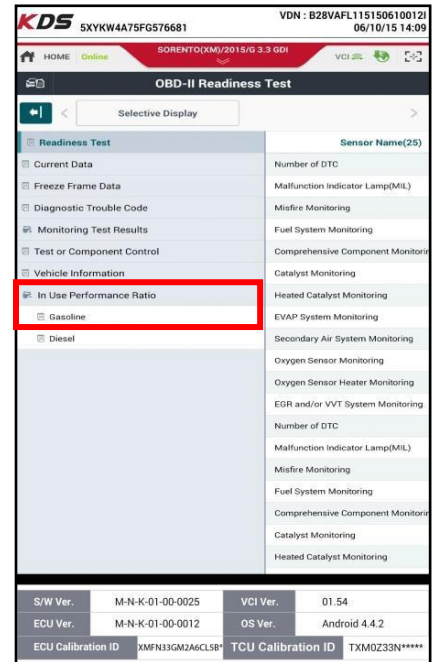


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- 4. From the KDS Home Screen, click **OBD-II**.



- 5. Click **In USE Performance Ratio > Gasoline**.



SUBJECT:

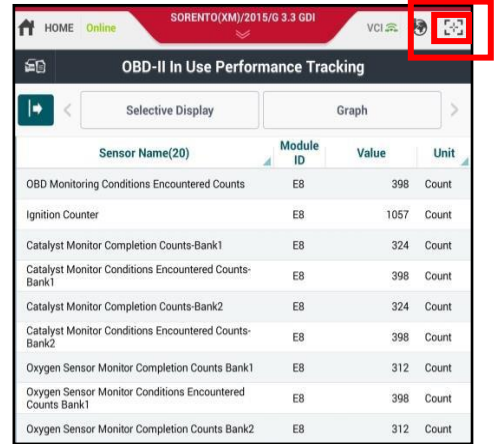
DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

- Click the **Screen Capture** button to save a screenshot of the data.

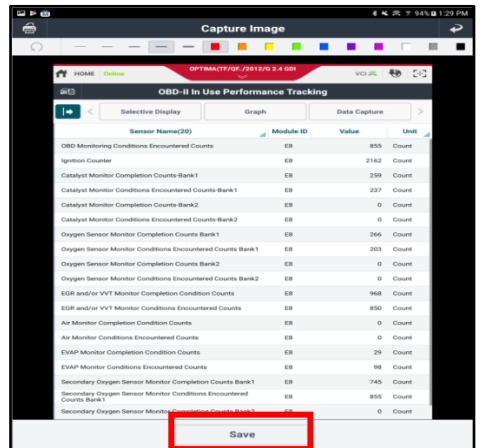
*** NOTICE**
DO NOT use the Home/Power button for the screen capture.

If the data list is longer than one (1) page, scroll down and take another screen capture.

*** NOTICE**
A SD Card must be inserted into the KDS tablet to save KDS images.



- Click **Save** to save the image.



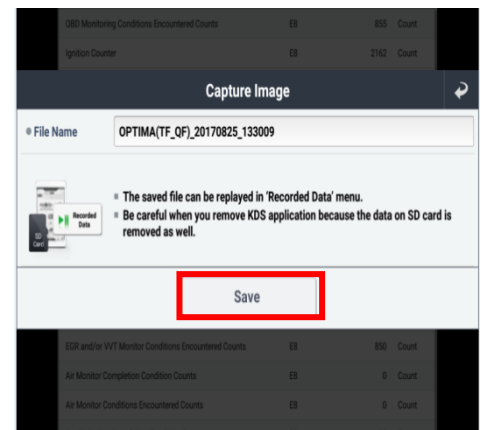
- The KDS will set up a destination folder and file name to save the screenshot.

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)

Click **Save**.

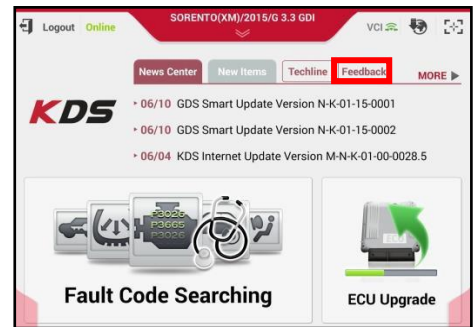


SUBJECT: DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

9. Click the **Return Arrow** on the screen, and then click the **HOME** button to return to the KDS Home Screen.
10. Set Chrome as the default browser, then proceed to step 11.

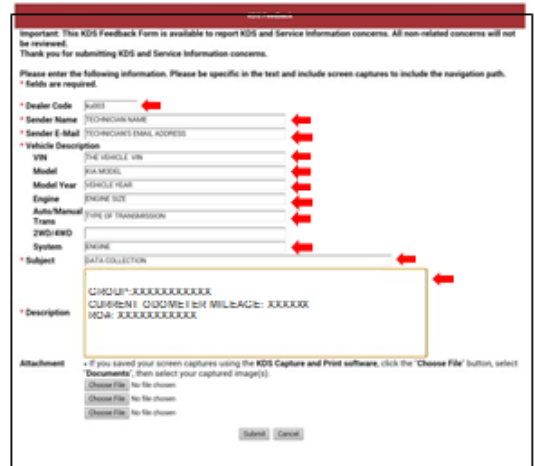
If not, refer to the following Article in KGIS: “KDS-Configuring Browser for Techline and Feedback Cases” for more information.

11. Once Chrome is set as the default browser, navigate to the KDS Home Screen and then click **Feedback**.



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

- For System, enter **Engine**
- For Subject, enter **Data Collection**
- In the Description area,
 - Enter **Group:** followed by the group number from the Vehicle Emission Control Information Label collected in page 2, step 1.
 - Enter the current odometer mileage.
 - Enter the RO#.



*** NOTICE**

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

SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

13. Click 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/4WD:

System:

* Subject:

* Description:

Attachment:

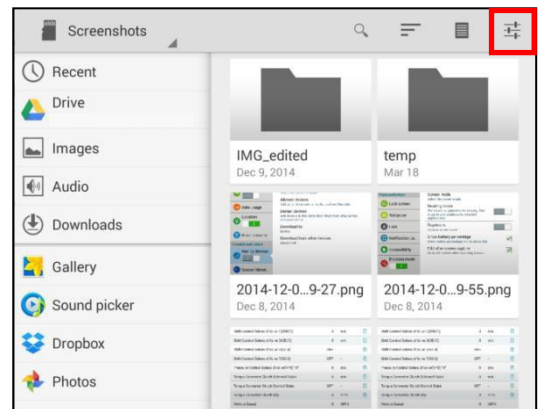
- If you saved your screen captures using the KDS Capture and Print software, click the 'Choose File' button, select 'Documents', then select your captured image(s).

No file chosen
 No file chosen
 No file chosen

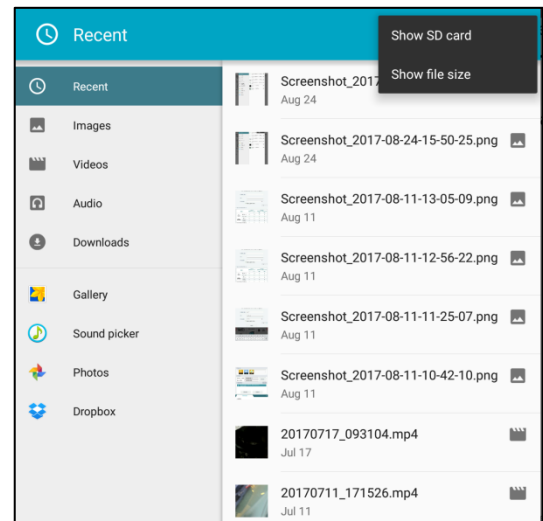
14. Click **Documents**



- 15A. (Steps 15A and 15B apply to the Samsung Tab 10.1 (older tablet))
- Click the **Settings** button in the upper right hand corner.



- 15B. Verify an SD Card is displayed in the left pane as a number (e.g., 1899-C039).
- If not, click **Show SD card**.

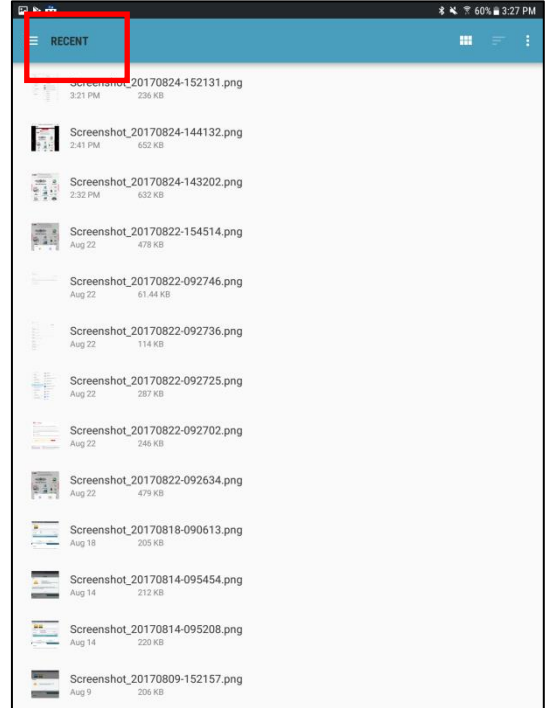


SUBJECT:

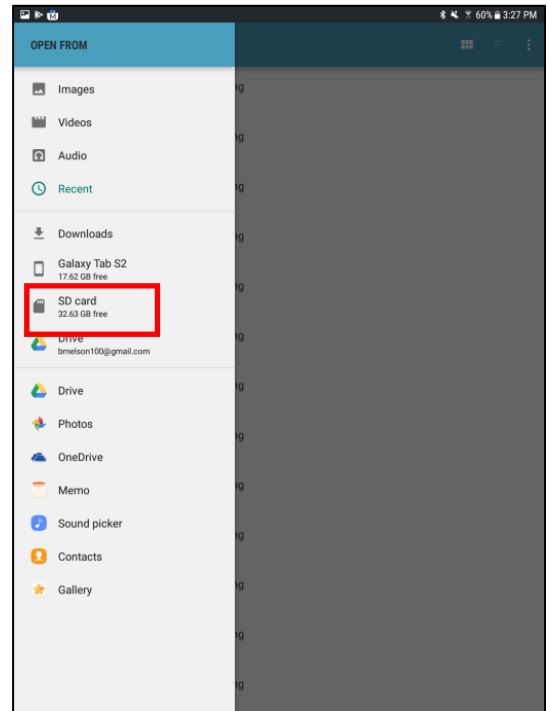
DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

16A. (Steps 16A and 16B apply to the Samsung Tab S2 image (newer tablet)).

Click the **Recent** button.



16B. This will provide access to the SD Card.



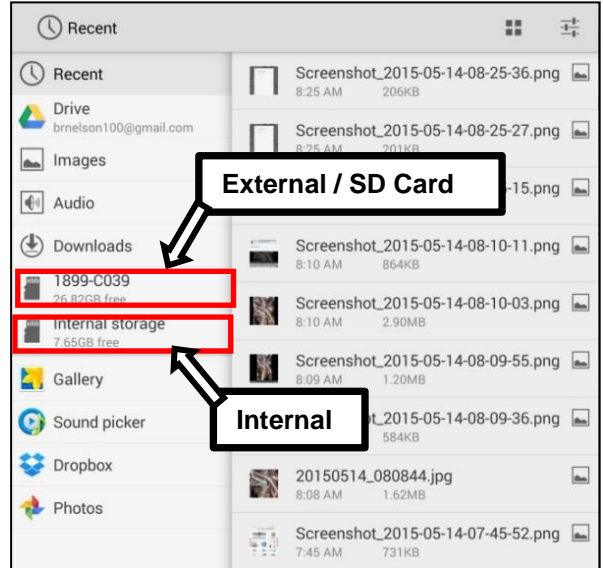
SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

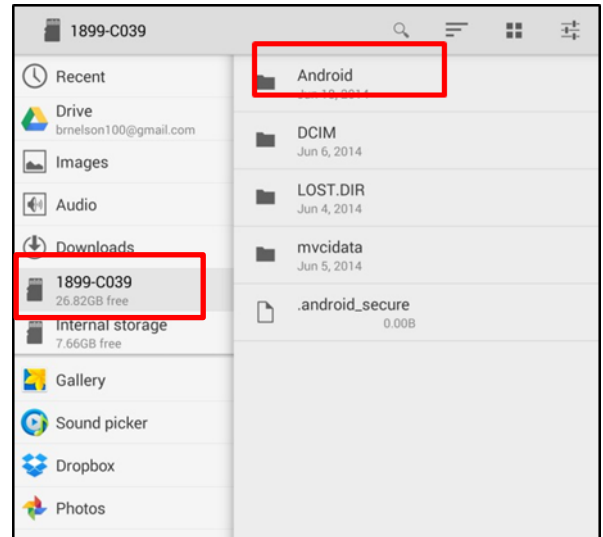
- Access to Internal and External Memory (i.e., SD Card) is available on the left hand side of the file manager.

*** NOTICE**

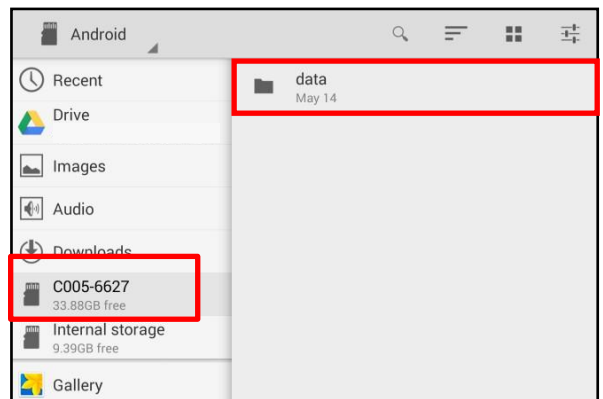
Always select the SD Card to save the images from this data collection procedure. **DO NOT** select internal storage.



- With the External/SD Card selected, click **Android**.

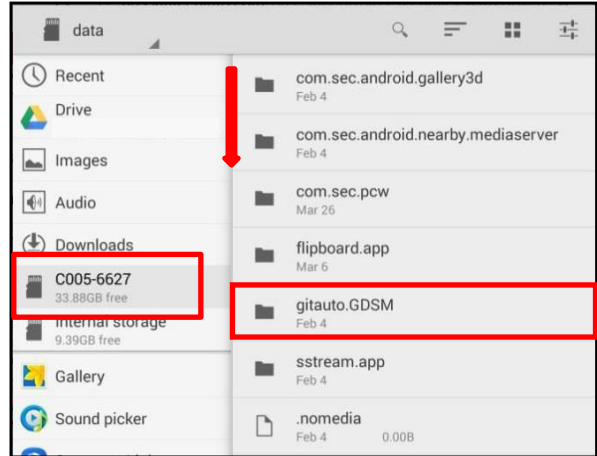


- Click **data**.

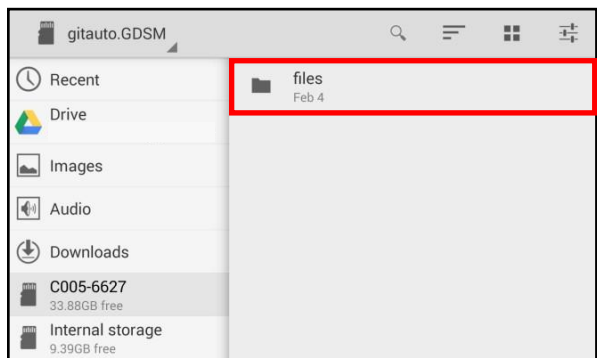


SUBJECT: DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

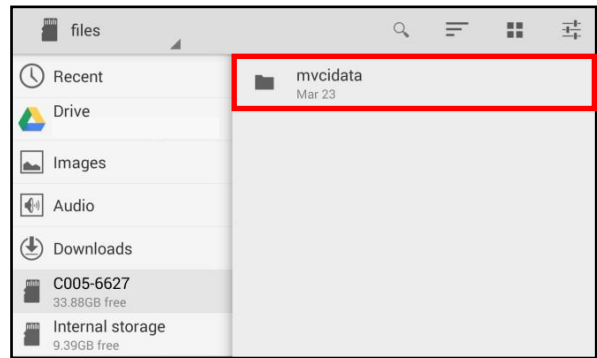
20. Scroll down and then click **gitauto.GDSM**.



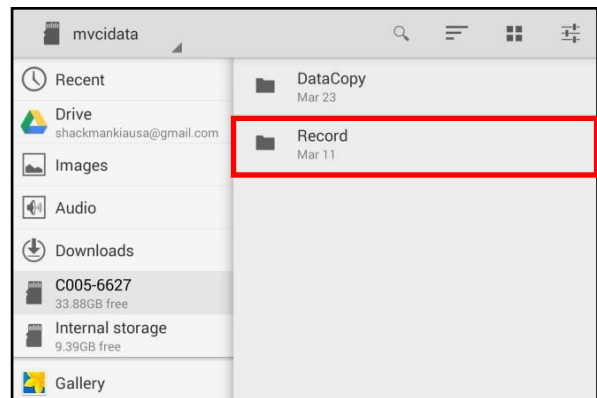
21. Click **files**.



22. Click **mvcidata**.



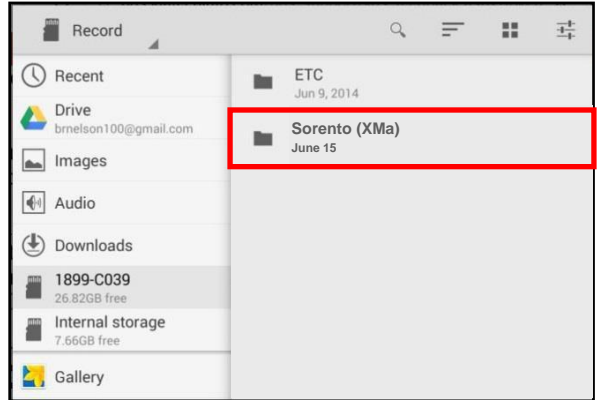
23. Click **Record**.



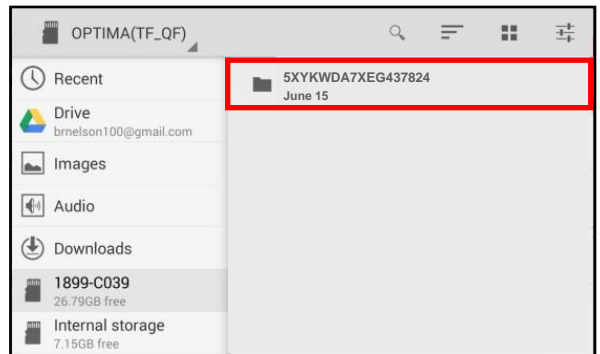
SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

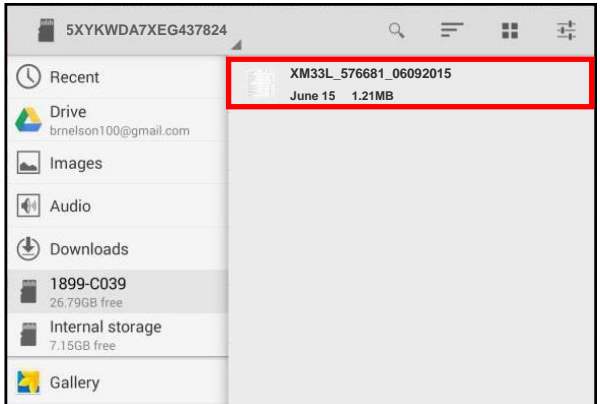
24. Click the vehicle model (e.g., Sorento (XMa)).



25. Click the VIN.



26. Click the screenshot.



27. Click **Submit**.

*** NOTICE**

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

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/4WD

System

* Subject

* Description

Attachment No file chosen
 No file chosen
 No file chosen

SUBJECT:**DATA COLLECTION: EXTRACT CALIFORNIA
EMISSIONS DATA FROM ECU (DC17)****AFFECTED PRODUCT RANGE:**

Model	Production Date Range
Sportage (QL) 2.0T, 2.4	2017MY (Sold in California only)
Rio (UB) 1.6	
Sedona (YP) 3.3	
Sorento (UM) 2.0T, 2.4, 3.3	
K900 (KH) 3.8, 5.0	
Optima (JF) HEV 2.0, PHEV 2.0, 1.6T, 2.0T, 2.4	
Forte (YD) 2.0, 1.6T	
Soul (PS) 1.6, 1.6T, 2.0	
Cadenza (YG) 3.3	
Niro (DE) HEV 1.6	

SUBJECT:

DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

2017MY DATA COLLECTION WARRANTY CLAIM INFORMATION:

★ NOTICE

Once 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.

Campaign ID	Claim Type	Causal P/N	Qty.	N. Code	C. Code	Repair Description	Labor Op Code	Time	Replacement P/N	Qty.
DC17QL1	V	100CA EM999	0	N99	C99	Sportage 2.0T 50/FD	17QL20F1	0.3 M/H	N/A	0
DC17QL2						Sportage 2.4 CA	17QL24C1			
DC17QL3						Sportage 2.4 50/FD	17QL24F1			
DC17UB1						Rio 1.6 50/FD	17UB16F1			
DC17YP1						Sedona 3.3 50/FD	17YP33F1			
DC17UM1						Sorento 2.0T 50/FD	17UM20F1			
DC17UM2						Sorento 2.4 50/FD	17UM24F1			
DC17UM3						Sorento 3.3 50/FD	17UM33F1			
DC17KH1						K900 3.8 50/FD	17KH38F1			
DC17KH2						K900 5.0 50/FD	17KH50F1			
DC17JFH1						Optima HEV 2.0 50/FD	17JFH20F			
DC17JFP1						Optima PHEV 2.0 50/FD	17JFP20F			
DC17JF1						Optima 1.6T 50/FD	17JF16F1			
DC17JF2						Optima 2.0T 50/FD	17JF20F1			
DC17JF3						Optima 2.4 CA	17JF24C1			
DC17JF4						Optima 2.4 50/FD	17JF24F1			
DC17YD1						Forte 2.0 CA	17YD20C1			
DC17YD2						Forte 2.0 50/FD	17YD20F1			
DC17YD3						Forte 1.6T 50/FD	17YD16F1			
DC17PS1						Soul 1.6 50/FD	17PS16F1			
DC17PS2						Soul 1.6T 50/FD	17PS16F2			
DC17PS3						Soul 2.0 50/FD	17PS20F1			
DC17YG1						Cadenza 3.3 50/FD	17YG33F1			
DC17DE1						Niro HEV 1.6 50/FD	17DE16F1			