TECHNICAL SERVICE BULLETIN

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

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 <u>closed without updates to the TSB</u>. 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>**

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

- WebDCS shows this as an <u>open</u> 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.

File Under: <Engine>

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

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★ **NOTICE**

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

KDS Service Procedure:

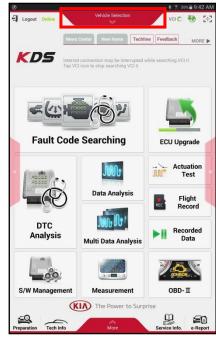1. Open the engine compartment and locate the Vehicle Emission Control Information label.

   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.
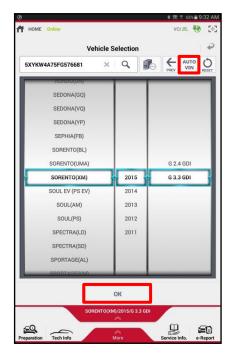
   ★ **NOTICE**

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

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

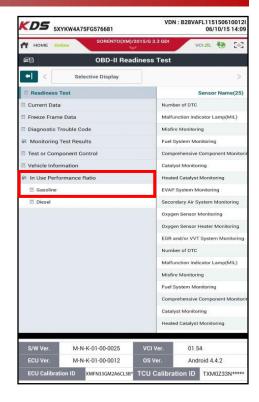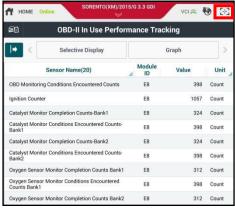4.   Once back on the KDS Home Screen, click **OBD-II**.

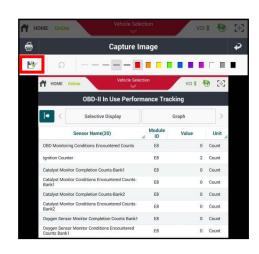| SUBJECT:	DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

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

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

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

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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.
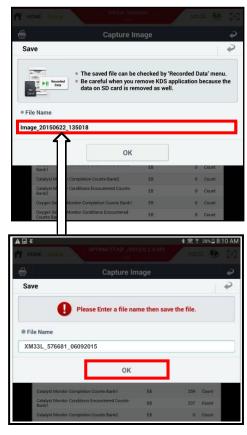
    Example: XM33L_576681_06092015

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

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

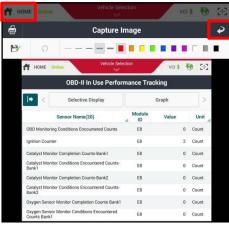10 Click the **Return Arrow** on the screen, and then click the **HOME** button to return to the KDS Home Screen.

> ## ★ 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.**

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11. First, set Chrome as the default browser.

    If this step has been previously done, proceed to step 12.

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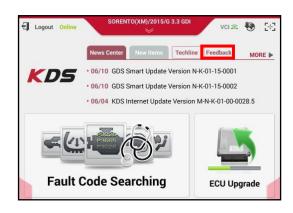

12. Once Chrome is set as the default browser, navigate to the KDS Home Screen and then click **Feedback**.

    NOTE: Steps 12~17 will add access to Internal and External Storage to the file manager.

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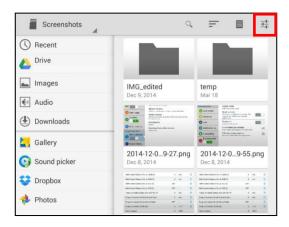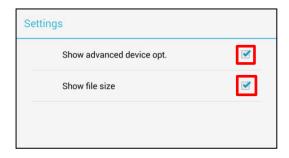

14. Click **Documents**.

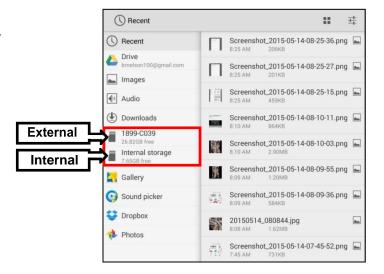**SUBJECT:** DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

15. Click the **Settings** button in the upper right hand corner.

16. Click the check box for **Show advanced device opt**. and **Show file size** as shown.

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

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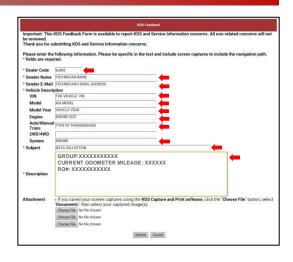18. Return to the KDS Home Screen and click **Feedback** (page 10, step 12).

    Enter all the information requested in the form, including your name and email address, and the following information:
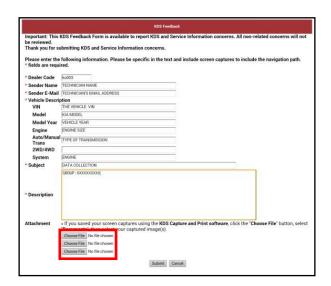
    • For System, enter **Engine**
    • For Subject, enter **Data Collection**
    • In the Description area,
        ○ Enter **Group:** followed by the group number from the Vehicle Emission Control Information Label collected in page. 7, step 1.
        ○ Enter the current odometer mileage.
        ○ Enter the RO#.

```
* NOTICE

Make sure the email address is
entered    correctly    or    the
Feedback  form  will  fail  to
submit.
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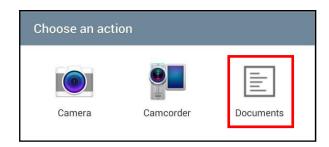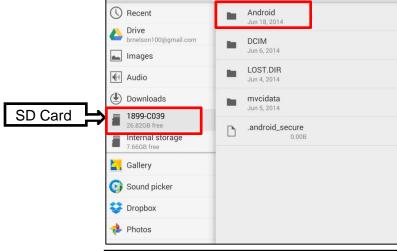19. To attach the screenshot to the report, click **Choose File.**

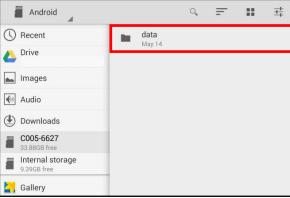| SUBJECT:	DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

20. Click **Documents**.
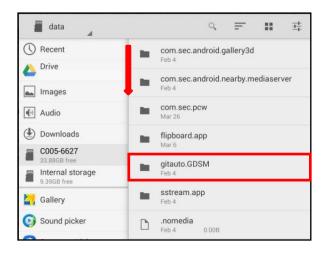

21. Click **External Storage > Android**.

22. Click **data**.

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

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24. Click **files**.

25. Click **mvcidata**.

26. Click **Record**.

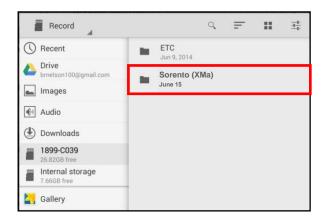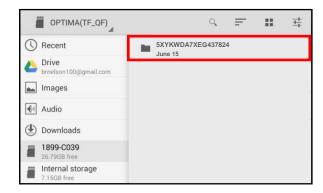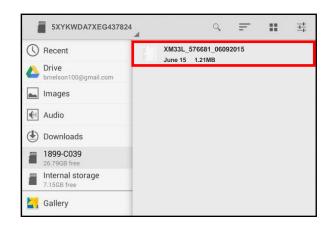**SUBJECT:** DATA COLLECTION: EXTRACT CALIFORNIA EMISSIONS DATA FROM ECU (DC17)

27. Click the vehicle model.

28. Click the VIN.

29. Click the screenshot.

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30. 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.

AFFECTED PRODUCT RANGE:

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

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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						Sportage 2.0T 50/FD	17QL20F1			
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	V	100CA EM999	0	N99	C99	Optima 1.6T 50/FD	17JF16F1	0.3 M/H	N/A	0
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			

TSB: ENG162 Multiple Models June 2017