



**HYUNDAI**

NEW THINKING.  
NEW POSSIBILITIES.

**Technical Service Bulletin**

GROUP	NUMBER
<b>CAMPAIGN</b>	<b>16-01-027-1</b>
DATE	MODEL(S)
<b>JUNE 2016</b>	<b>ALL 2016 MODELS</b>

**SUBJECT:** CALIFORNIA DEALERS ONLY - CARB IN-USE MONITOR PERFORMANCE REPORTING DATA COLLECTION (DC1)

*This bulletin's service procedure and vehicle data sheet has been revised.*

**\* IMPORTANT**

**\*\*\* Retail Vehicles \*\*\***

**California Dealers only** must perform this data collection on vehicles whenever an affected vehicle is in the shop for any maintenance or repair if the vehicle meets the below specified criteria.

When a vehicle arrives at the Service Department, access Hyundai Motor America's "Warranty Vehicle Information" screen via WEBDCS to identify open Campaigns.

**DC1 claim payment requires the completed Vehicle Test Sheet and GDS "In-Use Performance Tracking" data be faxed or emailed directly to Hyundai as per the instructions of page 2. Each dealership should clearly determine the most practical and reliable method to ensure this, whether it be the Technician sending the documents or Warranty Clerk at time of claim submission from documents Technician had attached to the R.O.**

**Description:** This bulletin provides information and procedures for collecting OBD **In-Use Monitor Performance Tracking data** on certain 2016MY vehicles at California dealers. This reporting is mandated by CARB (California Air Resources Board).

**Affected vehicles must meet ALL of the following criteria to be eligible for DC1:**

- WebDCS shows this as an open Data Collection code DC1 for the vehicle.
- Vehicle has **over 3000 miles** on its odometer.
- Vehicle has not had an ECM Update on this service visit.
- Vehicle has not had its battery replaced/disconnected on this service visit.
- Vehicle does not have a check engine light on.

**NOTE:** You should perform this campaign prior to implementing other open campaigns.

**Applicable Vehicles:**  
- 2016MY vehicles with an open DC1 data collection Campaign.

**Warranty Information:**

Model Year	Op Code	Operation	Op Time
2016	CCARB016	IUMPR Data Collection	0.3

**NOTE:** Submit Claim on Campaign Claim Entry Screen.

## Overview of the Service Procedure:

### A. Basic Overview of the Procedure:

1. Fill out the **Vehicle Test Sheet** located on the next page of this bulletin with the vehicle information including Calibration ID read by GDS.
2. Use GDS to read and screen print the **In-Use Performance Tracking** data to attach as the second page to the Vehicle Test Sheet.
3. Send items 1-2 along with a copy of the front page of the repair order (3 pages total) by either of these methods:
  - **Fax:** **909-753-0373**
  - **Email:** **iummail@hatci.com** (send as PDF/JPG/PNG scan file)
4. Attach Items 1-2 to the Repair Order as your claims record the data was collected.

#### \* NOTE

You must send fax or email to receive claim payment. Hyundai must submit the data to CARB, so any data not received will not be paid.

### B. Vehicle Test Sheet and GDS In-Use Performance Tracking data to be completed for each vehicle:

The next 3 pages consists of the following:

- Blank **Vehicle Test Sheet** to be completed for each qualifying vehicle.
- Examples of:
  - Completed **Vehicle Test Sheet**.
  - **GDS Screen Printout** of the **In-Use Performance Tracking** data to be attached, (instructions are included in the rest of this service procedure).

**\* NOTE**

- Complete this blank sheet for each vehicle and submit it by fax or email along with:
  - **In-Use Performance Tracking** data. (Do not collect the Readiness Monitor Data).
  - Copy of front page of the Repair Order.
- Attach this completed sheet and **In-Use Performance Tracking** data to the RO claim.

**OBD II In-Use Monitoring Performance Reporting**

**Vehicle Test Sheet**

<b>Test Procedure</b>	1) Write down vehicle MY/Model/Engine, Test Date, Mileage, and Test Group. - Test group name will be shown on the emission label under hood.
	2) Read the Calibration ID by GDS: - Key On and Connect GDS - Go to the "ID Register" under Vehicle S/W Management on the Main Page. - Select "Engine" and click "OK". - Click "System Identification" and write down "Calibration ID" the Test Sheet.
	3) Read the IUMPR data by GDS: - Return to main page and Click "CARB OBD II". - Click "In Use Performance Tracking". Maximize the data to appear full screen like below ex. - Print Screen and attach as next page of this test sheet.
	4) Send following 3 pages to FAX No 909-753-0373 or PDF/JPG/PNG scan file to Email: - This completed Vehicle Test Sheet. <span style="float: right;">iummail@hatci.com</span> - GDS printout of the "In Use Performance Tracking" data screen. - Main page (1-page only) of the Repair Order which contains VIN, miles, etc.

Vehicle Information		
1	<b>Vehicle MY/Model/Eng</b>	
2	<b>Test Date - RO#</b>	
3	<b>VIN</b>	
4	<b>Mileage</b>	(Note: must be above 3000 miles)
5	<b>Test group</b>	
6	<b>Calibration ID</b>	
<b>7. Technician Name:</b>		
<b>8. Dealer Number:</b>		

**In-Use Performance Tracking Data**

**ATTACH AS NEXT PAGE THE PRINT SCREEN OF THE "IN USE PERFORMANCE TRACKING" SCREEN PER EXAMPLE BELOW:**

Sensor Name	Mileage ID	Value	Unit
<input type="checkbox"/> OBD Monitoring Conditions Encountered Counts	ES	00	Count
<input type="checkbox"/> Ignition Counter	ES	188	Count
<input type="checkbox"/> Catalyst Monitor Completion Counts-Bank1	ES	83	Count
<input type="checkbox"/> Catalyst Monitor Conditions Encountered Counts-Bank1	ES	00	Count
<input type="checkbox"/> Catalyst Monitor Completion Counts-Bank2	ES	0	Count
<input type="checkbox"/> Catalyst Monitor Conditions Encountered Counts-Bank2	ES	0	Count
<input type="checkbox"/> Oxygen Sensor Monitor Completion Counts-Bank1	ES	89	Count
<input type="checkbox"/> Oxygen Sensor Monitor Conditions Encountered Counts-Bank1	ES	60	Count
<input type="checkbox"/> Oxygen Sensor Monitor Completion Counts-Bank2	ES	0	Count
<input type="checkbox"/> Oxygen Sensor Monitor Conditions Encountered Counts-Bank2	ES	0	Count
<input type="checkbox"/> EOR and/or VVT Monitor Completion Condition Counts	ES	102	Count
<input type="checkbox"/> EOR and/or VVT Monitor Conditions Encountered Counts	ES	60	Count
<input type="checkbox"/> Air Monitor Completion Condition Counts	ES	0	Count
<input type="checkbox"/> Air Monitor Conditions Encountered Counts	ES	0	Count
<input type="checkbox"/> EVAP Monitor Completion Condition Counts	ES	9	Count
<input type="checkbox"/> EVAP Monitor Conditions Encountered Counts	ES	18	Count
<input type="checkbox"/> Secondary Oxygen Sensor Monitor Completion Counts Bank1	ES	5	Count
<input type="checkbox"/> Secondary Oxygen Sensor Monitor Conditions Encountered C.	ES	0	Count
<input type="checkbox"/> Secondary Oxygen Sensor Monitor Completion Counts Bank2	ES	0	Count
<input type="checkbox"/> Secondary Oxygen Sensor Monitor Conditions Encountered C.	ES	0	Count

**NOTE:** Correct IUMPR data should include numbers, not the readiness monitors status. Vehicles with all zeroes do not qualify.

Example of a completed Vehicle Test Sheet with printout of the GDS In-Use Performance Tracking data attached as page #2:

Example of Page 1 be sent by fax or email:

**OBD II In-Use Monitoring Performance Reporting**

Vehicle Test Sheet

<b>Test Procedure</b>	<ol style="list-style-type: none"> <li>1) Write down vehicle MY/Model/Engine, Test Date, Mileage, and Test Group. - Test group name will be shown on the emission label under hood.</li> <li>2) Read the Calibration ID by GDS: - Key On and Connect GDS - Go to the "ID Register" under Vehicle S/W Management on the Main Page. - Select "Engine" and click "OK". - Click "System Identification" and write down "Calibration ID" the Test Sheet.</li> <li>3) Read the IUMPR data by GDS: - Return to main page and click "CARB OBD II". - Click "In Use Performance Tracking". Maximize the data to appear full screen like below ex. - Print Screen and attach as next page of this test sheet.</li> <li>4) Send following 3 pages to FAX No 909-753-0373 - This completed Vehicle Test Sheet. - GDS printout of the "In Use Performance Tracking" data screen. - Main page (1-page only) of the Repair Order which contains VIN, miles, etc.</li> </ol>
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Vehicle Information		
1	<b>Vehicle MY/Model/Eng</b>	2016 MY Santa Fe 2.0L
2	<b>Test Date - RO#</b>	6/1/16 – RO# 123456
3	<b>VIN</b>	5XYZW4LA7GG000001
4	<b>Mileage</b>	4450 <small>(Note: must be above 3000 miles)</small>
5	<b>Test group</b>	GHYXV02.01VE
6	<b>Calibration ID</b>	NCCN33GM2A6CL1F

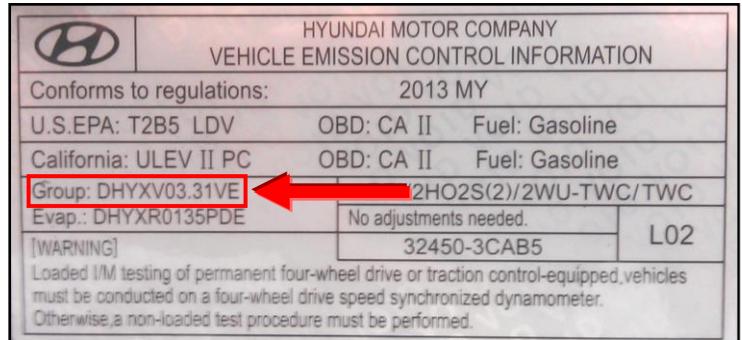
In-Use Performance Tracking Data	
ATTACH AS NEXT PAGE THE PRINT SCREEN OF THE "IN USE PERFORMANCE TRACKING" SCREEN PER EXAMPLE BELOW:	
<b>NOTE:</b> Correct IUMPR data should include numbers, not the readiness status.	

Example of Page 2 to be sent by fax or email:

**Detailed Service Procedure:**

1. Document the following information on the Vehicle Test Sheet (See page 4 of this bulletin):
  - Model Year/ Vehicle Name/ Engine size
  - Test Date (date you collected this data)
  - RO Number (dealer repair order)
  - VIN
  - Mileage

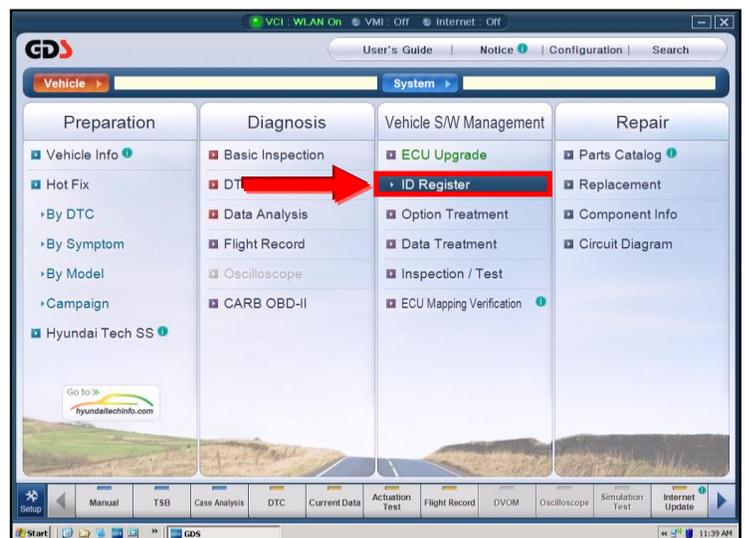
2. Open the engine compartment and locate the **Underhood Emission Label**. Write down the **Group** number for later entry into the form.



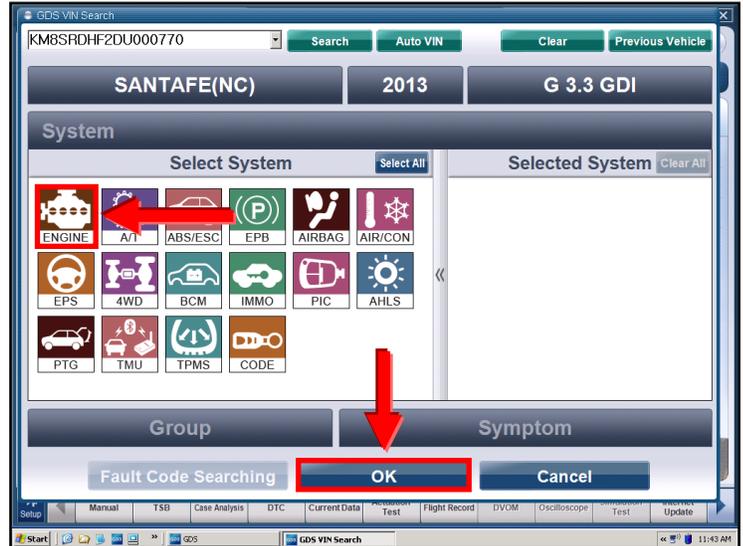
**\* NOTE**

Make sure that you have conducted the latest internet update of your GDS software to be able to read **In-Use Performance Tracking** data correctly.

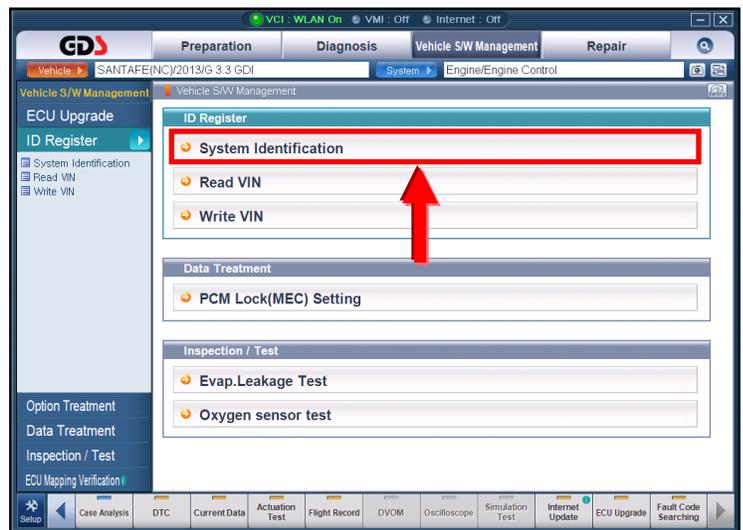
3. Connect the GDS to the vehicle with the ignition ON (engine does not need to be running) and select **ID Register** under **Vehicle S/W Management** tab:



- Select **Engine** and **OK**.



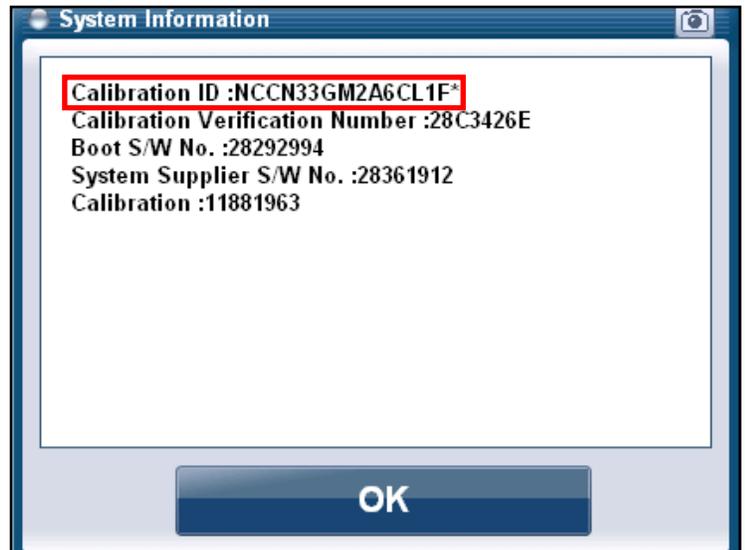
- Select **System Identification**.



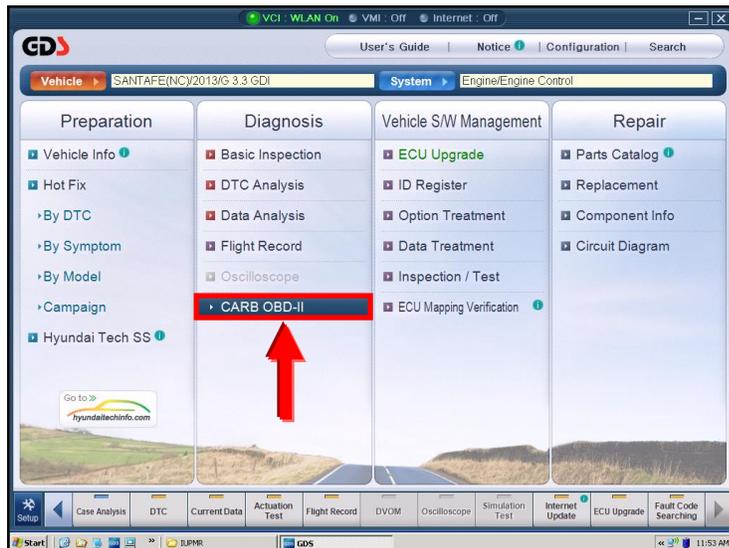
- Locate the **Calibration ID** and enter on the **Vehicle Test Sheet**.

**\* NOTE**

For some models it may not display exactly as shown above. It may for example state **Sub Calibration Number** rather than **Calibration ID**.

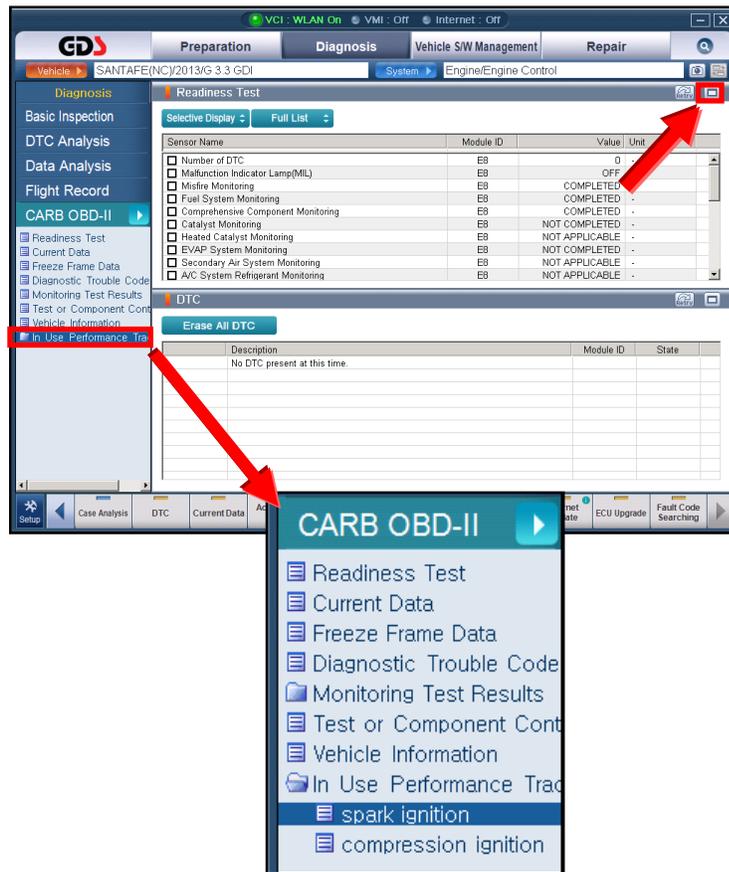


- Go back to the main page of the GDS by clicking the **GDS** logo at the top left of the screen. Select **CARB OB-D-II** under the **Diagnosis** tab.



- Select **In-Use Performance Tracking**. In the sub-menu select **Spark Ignition** for gasoline engines.

**Maximize** the data display on the screen as shown to verify all data is displayed.



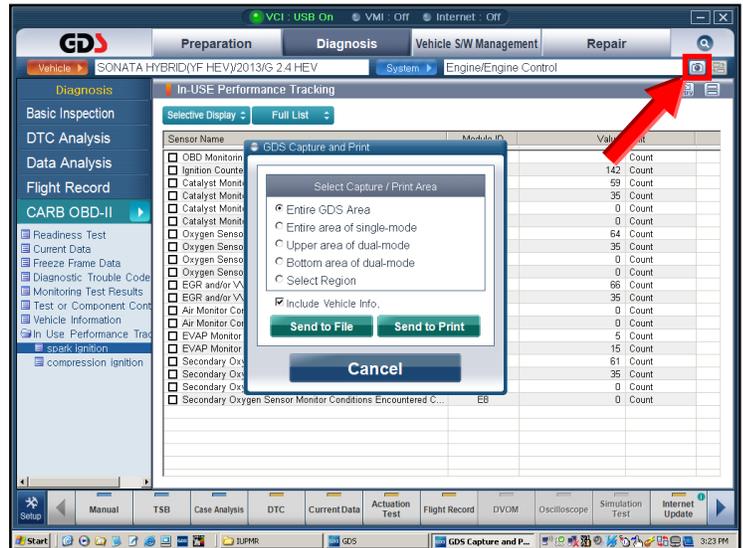
**\* NOTE**

If all values indicate "Not Supported" or "0" the vehicle does not qualify for data collection. It may have had a recent ECM update or battery replacement/disconnection.

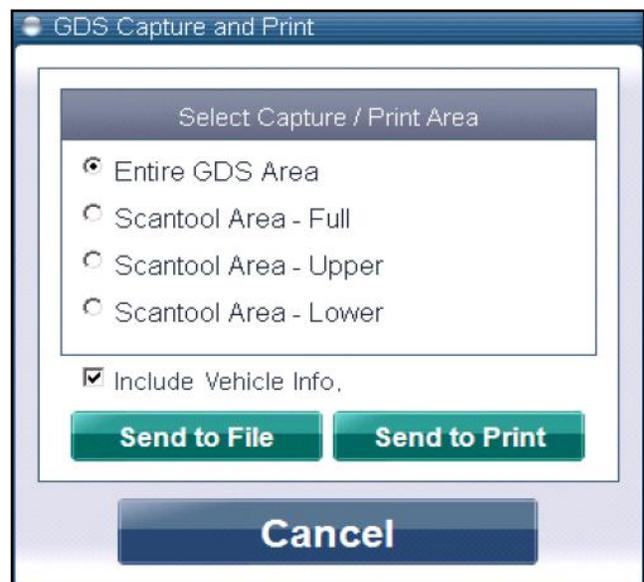
9. Print the GDS screen by selecting the **Camera Icon** in the upper right corner of the screen.

**\* NOTE**

Make sure you capture the entire screen. If only part of the list is displayed, first click the "Expand" button.



10. Select **Entire GDS Area** and click **Send to Print**.



11. Send the following 3 pages to fax number 909-753-0373 or PDF/JPG/PNG scan the file and email to [iummail@hatci.com](mailto:iумmail@hatci.com)
1. Completed **Vehicle Test Sheet**.
  2. GDS Screen Printout of the **In-Use Performance Tracking** data.
  3. Single page copy of the front page of the **Dealer Repair Order** which displays the VIN, miles, RO#, etc.
12. Attach items 1 and 2 listed above to the Repair Order for your claims record. You may need to provide it as evidence later in event of charge back by Hyundai due to data not received.

**GDS Mobile Instructions:**

**\* NOTICE**

Refer to [www.hyundaitechinfo.com](http://www.hyundaitechinfo.com) for printing instructions under: “GDS Mobile Info” / “GDS Mobile Tips”.

Printout of the **OBD-II In Use Performance Tracking** screen as shown below may be used as page-2 of the 3 total pages to be sent (along with the Vehicle Test Sheet and RO front page copy) by fax or PDF/JPG/PNG scanned file to the email provided.

