

**HYUNDAI**NEW THINKING.  
NEW POSSIBILITIES.**Technical Service Bulletin**

GROUP

**CAMPAIGN**

NUMBER

**14-01-011**

DATE

**FEBRUARY, 2014**

MODEL(S)

**ALL 2014 MODELS****SUBJECT:** (CALIFORNIA DEALERS ONLY) CARB IN-USE MONITOR  
PERFORMANCE REPORT DATA COLLECTION (DC1)**★ IMPORTANT****\*\*\* Dealer Stock and 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 criteria below.

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

**NOTES:**

- *Claim payment requires that data collection results must be faxed in as instructed.*
- *Perform this Campaign first prior to completion of any other open Campaigns.*

**Description:** This bulletin provides information and procedures for collecting OBD In-Use Monitor Performance Report (IUMPR) data on certain 2014MY 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 repair history does not show battery replacement/disconnection/reset or an ECU Update done in the last 3000 miles.
- Vehicle does not have a check engine light on.

**Applicable Vehicles:**

- 2014MY vehicles with an open DC1 data collection Campaign.

**Warranty Information:**

Model Year	Op Code	Operation	Op Time
2014	CCARB014	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.
2. Use GDS to read the **Calibration ID** of the vehicle and enter it on the Vehicle Test Sheet.
3. Use GDS to read and screen print the **In Use Performance Report** data to attach as the second page to the Vehicle Test Sheet.
4. **Send the following 3 pages to Fax number 909-753-0373:**
  - a. Completed **Vehicle Test Sheet**.
  - b. GDS Screen Printout of the **In Use Performance Report** data.
  - c. Single page copy of the main (front page) of the **Dealer Repair Order**.
5. Attach Items a-c listed above and the fax machine's send receipt (if available) to the Repair Order for claim record.

**\* NOTE**

**Please confirm the fax transmitted successfully. It is required to be sent to fax number 909-753-0373 for you to receive claim payment, as Hyundai must submit the data to CARB.**

If you cannot reach the primary fax number provided above then send your fax to the secondary fax number 909-628-7682.

**B. Vehicle Test Sheet and GDS "In Use Performance Report" Data to be completed for each vehicle:**

As found on the next 3 pages:

- Blank **Vehicle Test Sheet** to be completed for each qualifying vehicle.
- Examples of a completed **Vehicle Test Sheet** with the **GDS Screen Printout** of the **In Use Performance Report** data attached, as required per the included service procedure.



**\* NOTE**

Make multiple copies of this blank Vehicle Test Sheet page. You must complete this page and submit it by fax for each applicable vehicle along with a second page containing the "In Use Performance Reporting" data. Do not collect the Readiness Monitor Data, it is not needed.

**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 - 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.

Vehicle Information	
1	Vehicle MY/Model/Eng
2	Test Date - RO#
3	VIN
4	Mileage <small>(Note: must be above 3000 miles)</small>
5	Test group
6	Calibration ID
<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	Module ID	Value	Unit
<input type="checkbox"/> OBD Monitoring Conditions Encountered Counts	00	00	Count
<input type="checkbox"/> Airflow Sensor	00	00	Count
<input type="checkbox"/> Catalyst Monitor Completion Counts-Bank1	01	00	Count
<input type="checkbox"/> Catalyst Monitor Conditions Encountered Counts Bank1	01	00	Count
<input type="checkbox"/> Catalyst Monitor Completion Counts-Bank2	02	00	Count
<input type="checkbox"/> Catalyst Monitor Conditions Encountered Counts-Bank2	02	00	Count
<input type="checkbox"/> Oxygen Sensor Monitor C...	01	00	Count
<input type="checkbox"/> Oxygen Sensor Monitor C...	02	00	Count
<input type="checkbox"/> Oxygen Sensor Monitor C...	03	00	Count
<input type="checkbox"/> EGR and/or VVT Monitor Completion Encountered Counts	01	00	Count
<input type="checkbox"/> EGR and/or VVT Monitor Conditions Encountered Counts	01	00	Count
<input type="checkbox"/> Air Monitor Completion Counts	01	00	Count
<input type="checkbox"/> Air Monitor Conditions Encountered Counts	01	00	Count
<input type="checkbox"/> EVAP Monitor Completion Counts	01	00	Count
<input type="checkbox"/> EVAP Monitor Conditions Encountered Counts	01	00	Count
<input type="checkbox"/> Secondary Oxygen Sensor Monitor Completion Counts Bank1	01	00	Count
<input type="checkbox"/> Secondary Oxygen Sensor Monitor Conditions Encountered C...	01	00	Count
<input type="checkbox"/> Secondary Oxygen Sensor Monitor Completion Counts Bank2	02	00	Count
<input type="checkbox"/> Secondary Oxygen Sensor Monitor Conditions Encountered C...	02	00	Count

**NOTE:** Correct IUMPR data should include numbers, not the readiness status.



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

Example of Page 1 of fax to be sent:

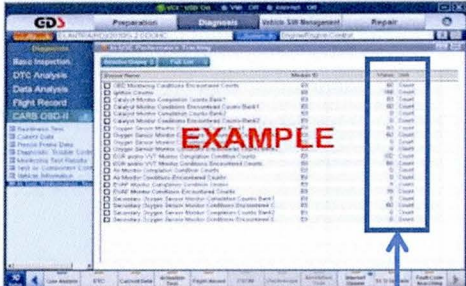
**OBD II In-Use Monitoring Performance Reporting**
**Vehicle Test Sheet**

<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 - 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.

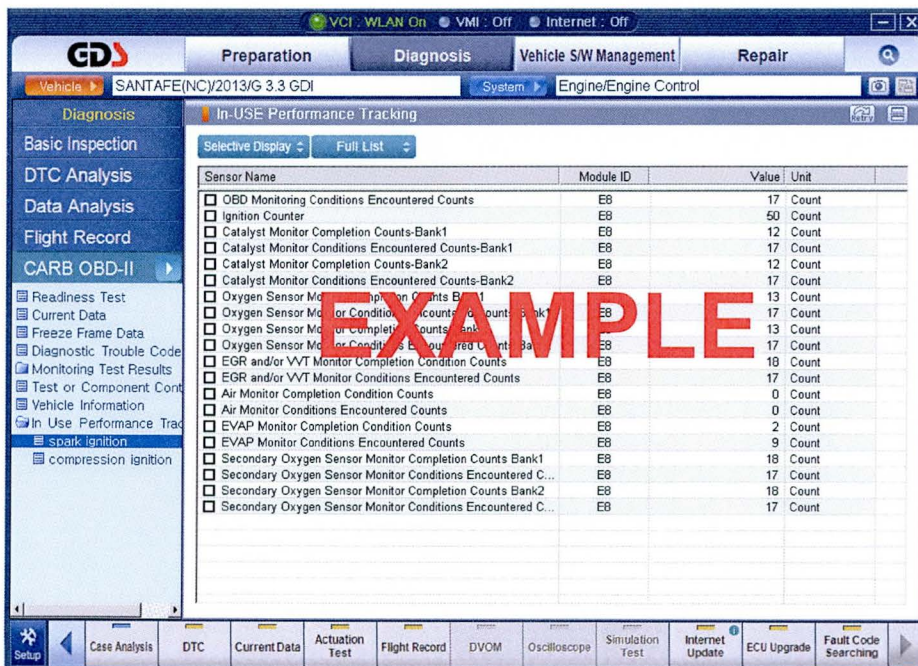
Vehicle Information		In-Use Performance Tracking Data
1	Vehicle MY/Model/Eng	2014 MY Santa Fe 3.3L
2	Test Date - RO#	2/18/14 - RO# 123456
3	VIN	KM8SRDHF2EU038672
4	Mileage	4450 <small>(Note: must be above 3000 miles)</small>
5	Test group	EHYVV0331XE
6	Calibration ID	NCCN33GM2A6CL1F
7. Technician Name:		Joe Smith
8. Dealer Number:		CA099 Sunny Hyundai

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



**NOTE:** Correct IUMPR data should include numbers, not the readiness status.

Example of Page 2 of Fax to be sent:



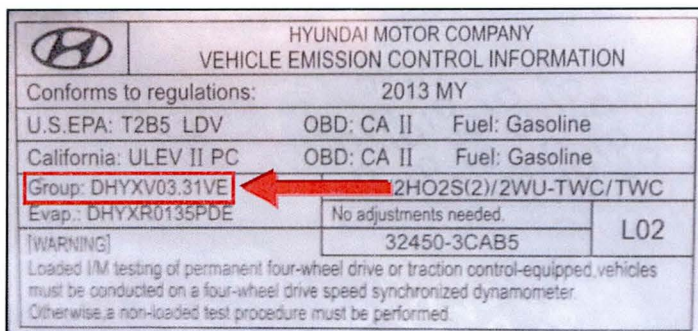
Sensor Name	Module ID	Value	Unit
<input type="checkbox"/> OBD Monitoring Conditions Encountered Counts	E8	17	Count
<input type="checkbox"/> Ignition Counter	E8	50	Count
<input type="checkbox"/> Catalyst Monitor Completion Counts-Bank1	E8	12	Count
<input type="checkbox"/> Catalyst Monitor Conditions Encountered Counts-Bank1	E8	17	Count
<input type="checkbox"/> Catalyst Monitor Completion Counts-Bank2	E8	12	Count
<input type="checkbox"/> Catalyst Monitor Conditions Encountered Counts-Bank2	E8	17	Count
<input type="checkbox"/> Oxygen Sensor Monitor Completion Counts Bank 1	E8	13	Count
<input type="checkbox"/> Oxygen Sensor Monitor Conditions Encountered Counts Bank 1	E8	17	Count
<input type="checkbox"/> Oxygen Sensor Monitor Completion Counts Bank 2	E8	13	Count
<input type="checkbox"/> Oxygen Sensor Monitor Conditions Encountered Counts Bank 2	E8	17	Count
<input type="checkbox"/> EGR and/or VVT Monitor Completion Condition Counts	E8	18	Count
<input type="checkbox"/> EGR and/or VVT Monitor Conditions Encountered Counts	E8	17	Count
<input type="checkbox"/> Air Monitor Completion Condition Counts	E8	0	Count
<input type="checkbox"/> Air Monitor Conditions Encountered Counts	E8	0	Count
<input type="checkbox"/> EVAP Monitor Completion Condition Counts	E8	2	Count
<input type="checkbox"/> EVAP Monitor Conditions Encountered Counts	E8	9	Count
<input type="checkbox"/> Secondary Oxygen Sensor Monitor Completion Counts Bank 1	E8	18	Count
<input type="checkbox"/> Secondary Oxygen Sensor Monitor Conditions Encountered C...	E8	17	Count
<input type="checkbox"/> Secondary Oxygen Sensor Monitor Completion Counts Bank2	E8	18	Count
<input type="checkbox"/> Secondary Oxygen Sensor Monitor Conditions Encountered C...	E8	17	Count



**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

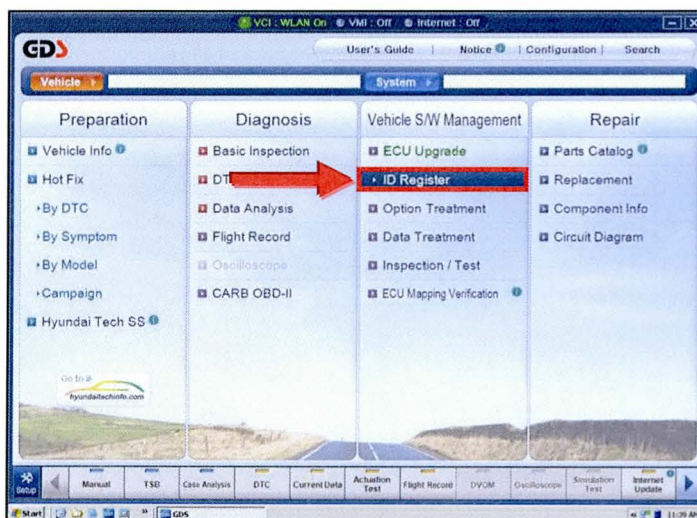
2. Open the engine compartment and locate the **Underhood Emission Label**. Write down the **Group** number for later entry into the form.



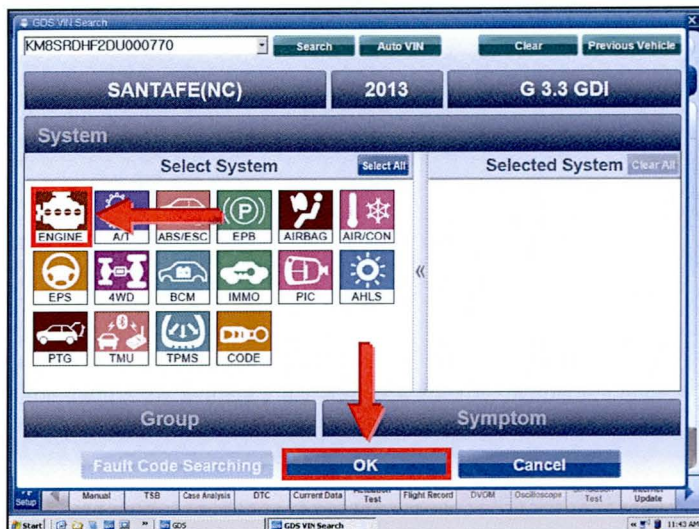
**\* NOTE**

Make sure that you have conducted the latest internet update of your GDS software to be able to read IUMPR values correctly.

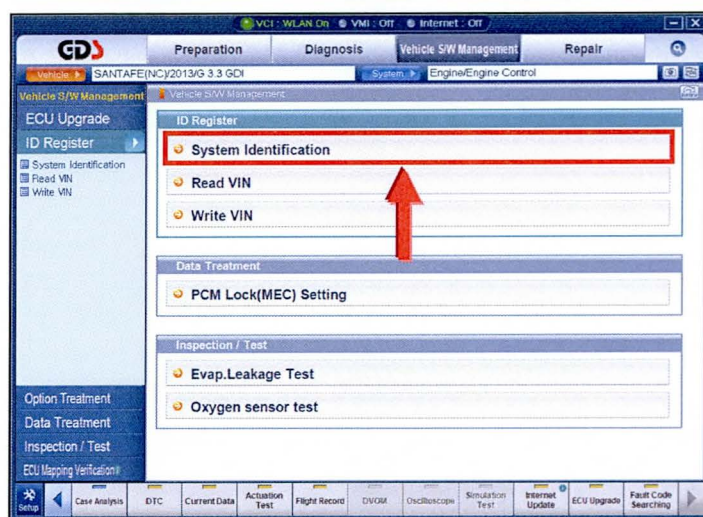
3. Connect the GDS to the vehicle with the ignition ON (engine does not need to be running) and select **ID Register** under **Vehicle S/W Management** tab:



4. Select **Engine** and **OK**.



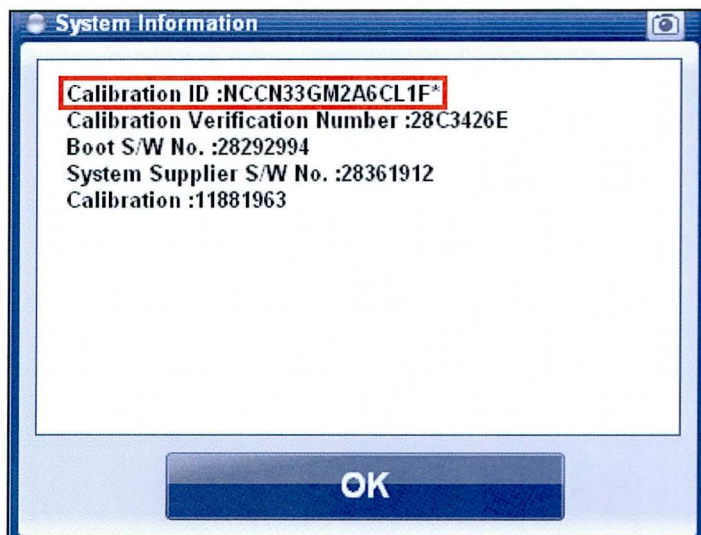
5. Select **System Identification**.



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

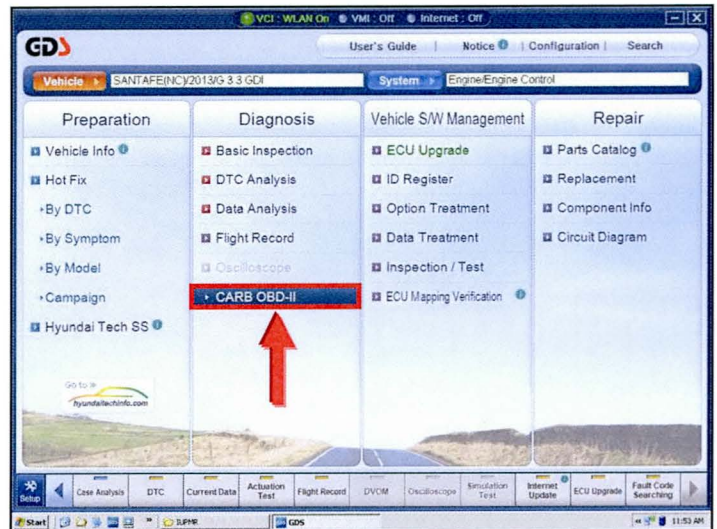
**\* NOTE**

For some models it may not display exactly as shown above. It may for example state “**Sub Calibration Number**” rather than Calibration ID, just be sure to use the item that includes the term “Calibration”.



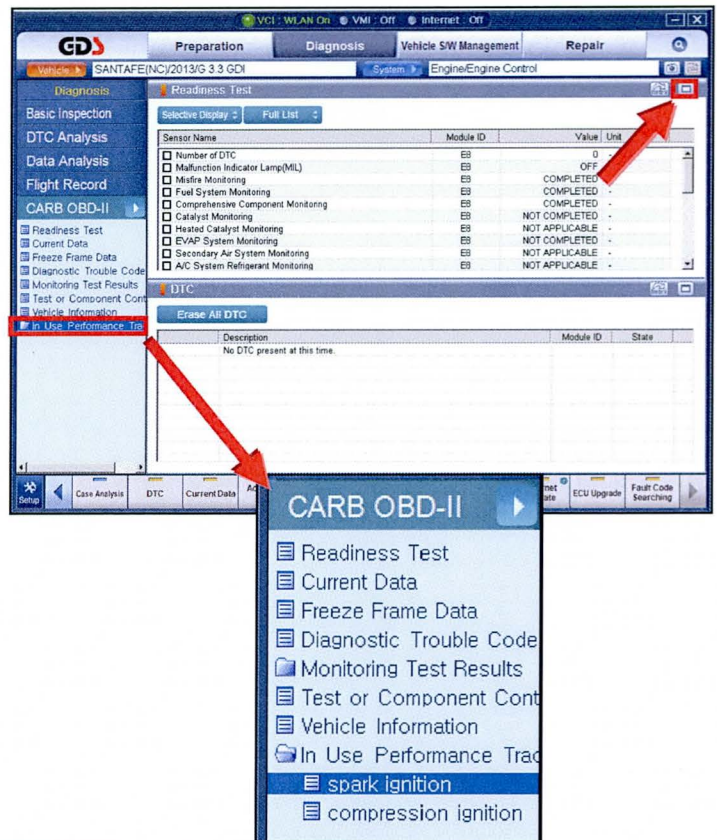


- Go back to the main page of the GDS by clicking the **GDS** logo at the top left of the screen. Select **CARB OBDII** under the **Diagnosis** tab.



- 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.



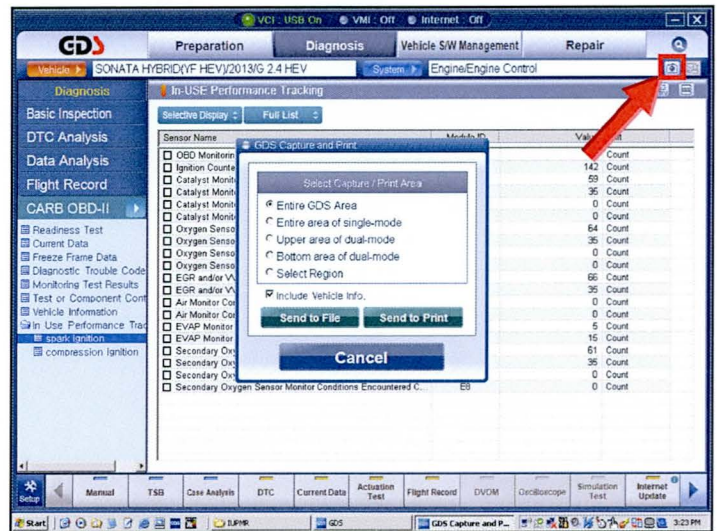
**★ NOTE**

If all values indicate “Not Supported” or “0”, check to make sure you have GDS software version 1.09 or later. If the software version is correct and the vehicle does not qualify for data collection, it may have had a recent ECM update or battery replacement.

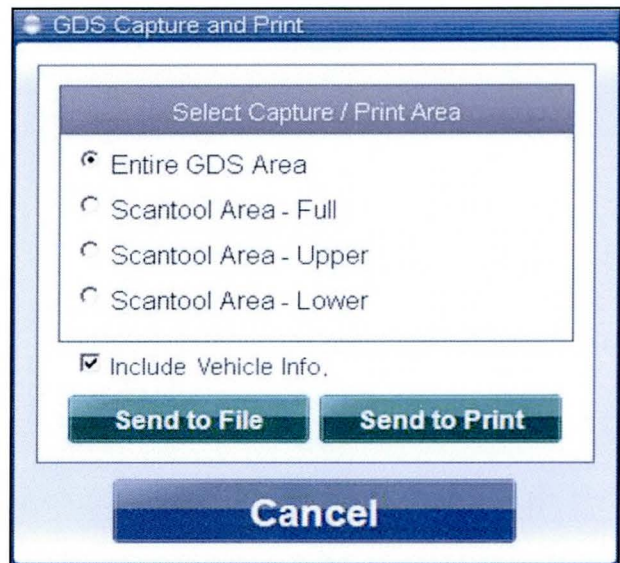
9. Print the GDS screen by selecting the **Camera Icon** in the upper right corner of the screen.

**\* 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:
  1. Completed **Vehicle Test Sheet**.
  2. GDS Screen Printout of the **In Use Performance Report** data.
  3. Single page copy of the front page of the **Dealer Repair Order** which displays the VIN, miles, RO#, etc.
12. Attach the 3 pages of items 1-3 listed above and the fax machine's send receipt (if available) to the Repair Order for claim record.

**\* NOTE**

Please confirm the fax transmitted successfully. It is required to be sent to primary fax number 909-753-0373 to receive claim payment. If you can't reach the primary fax number, send to backup fax number 909-628-7682.