

## TECH TIP

### Monitoring, Saving and Viewing Data with DX2

#### Condition:

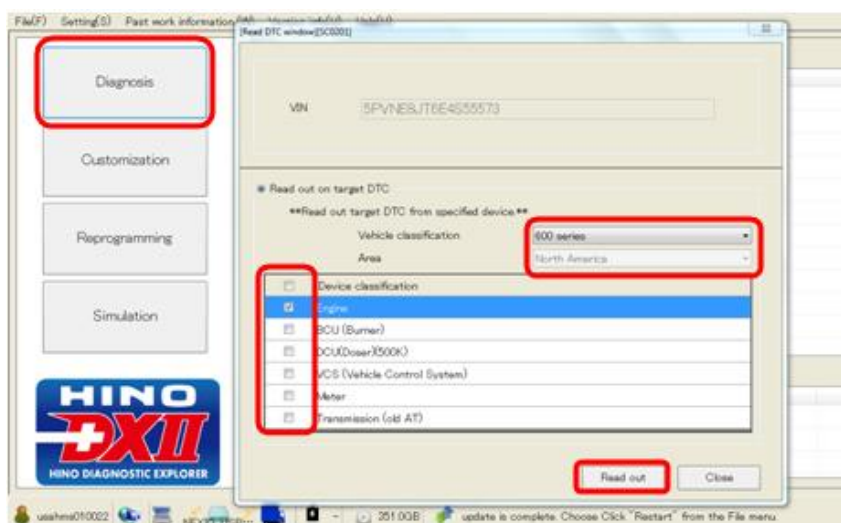
To better assist with diagnostics of unusual and/or intermittent performance conditions, the dealer technician may be requested to record operating data using the Hino DX 2 Data Monitor function. The data will be automatically saved and can be reviewed using the DX2 software.

#### Relevant Models:

2005 to Present Conventional and COE Models

#### Recording Data

1. Open the DX2 program, select Diagnosis and the correct truck series.
2. Pick the appropriate module by placing a check mark in the corresponding box next to the module or select all modules by checking the Device Classification box.
3. Select "Read Out".

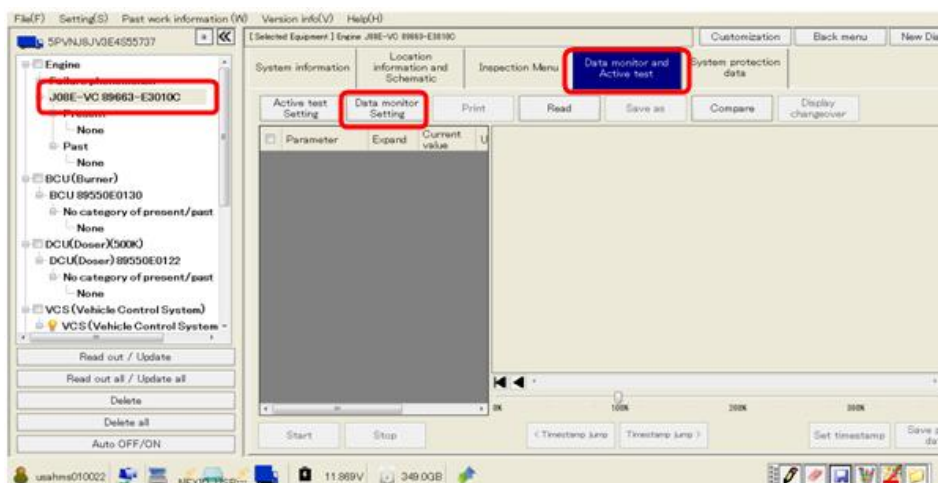


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| Tech Tip No: | TT-14-005  |
| Group:       | 00-General |
| Issue Date:  | 3/4/2014   |

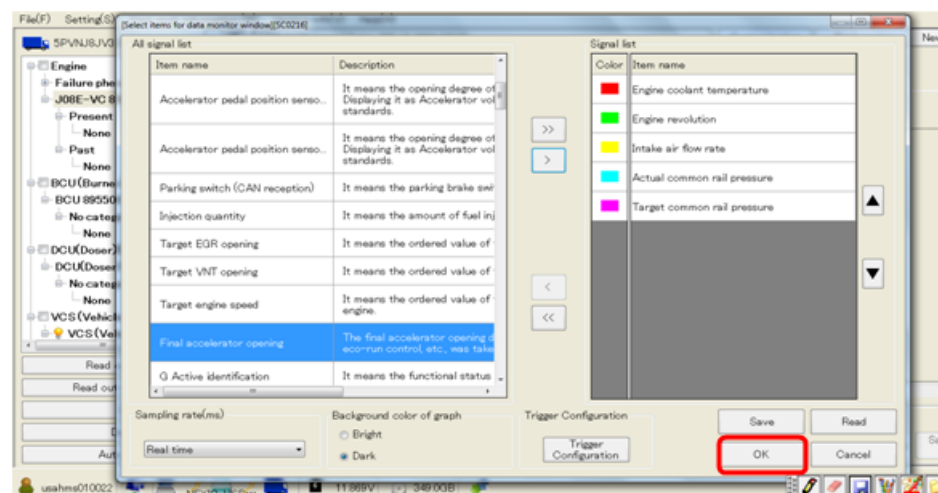
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4. On the left side of the screen select the desired module; click the “Data Monitor and Active Test” tab.

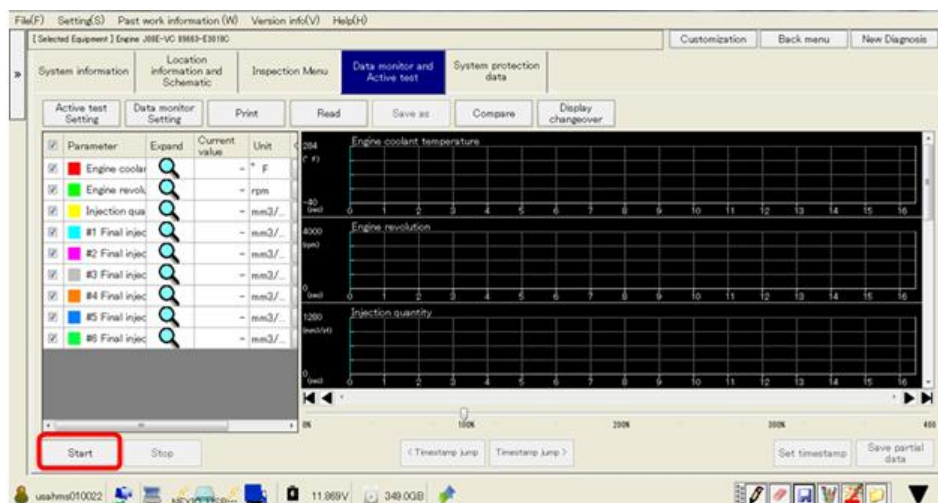
5. Select the “Data Monitor Setting” button to bring up the list of available parameters.



6. Select the desired parameters from the list on the left, double click or use the > button to move the parameters to the right side of the screen. Select the “OK” button once completed.

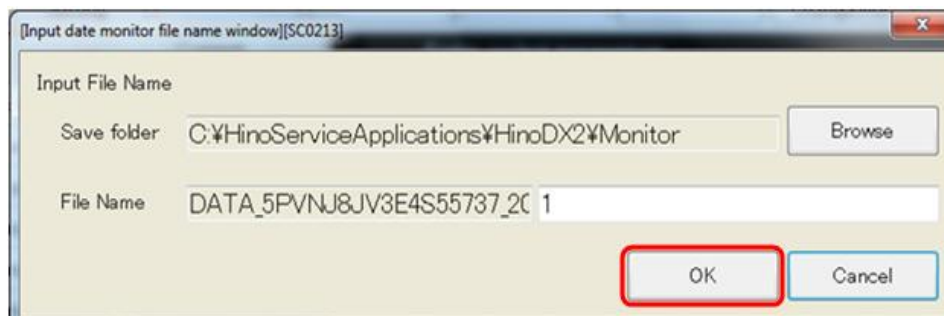


7. All selected parameters will show up in Numerical form on the left and graph form on the right. Select “Start” to begin recording data.

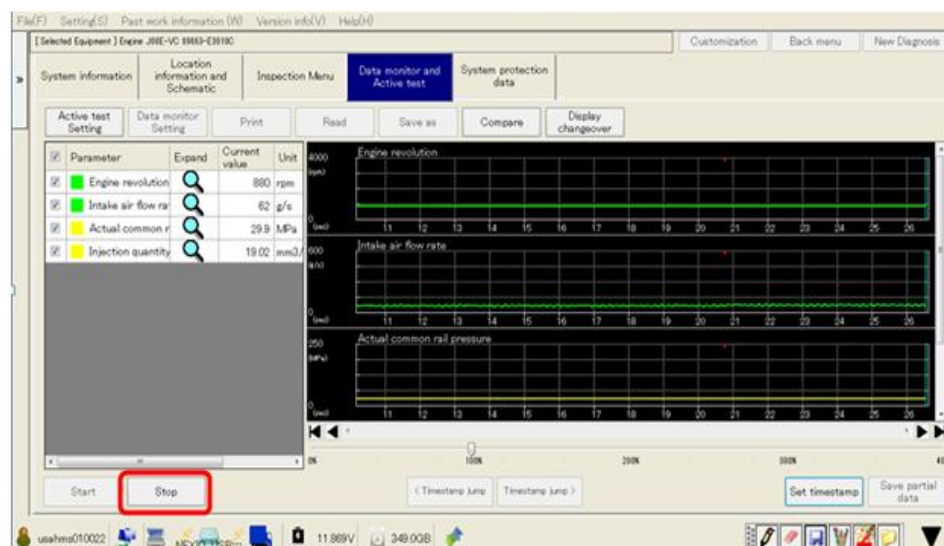


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- A pop up window will come up indicating the location the file will be saved to and the file name;  
DATA\_VIN#\_DATE\_TIME.  
Select "OK"

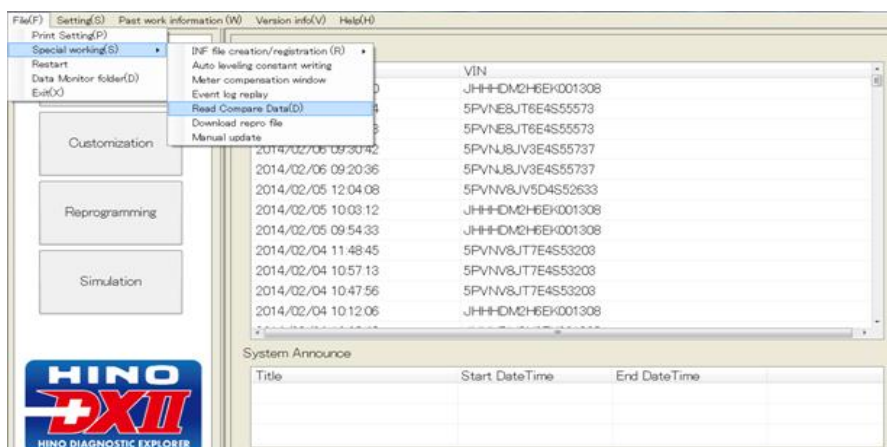


- The Data will start recording until the Stop button is pressed.



### Viewing Saved Data Files with DX2

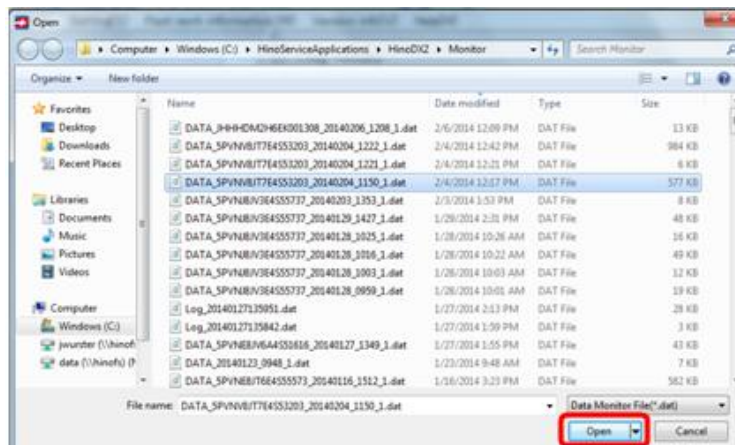
- To read previously saved data recordings with the DX2, select "file" from the main menu, "Special Working" and finally "Read Compare Data".



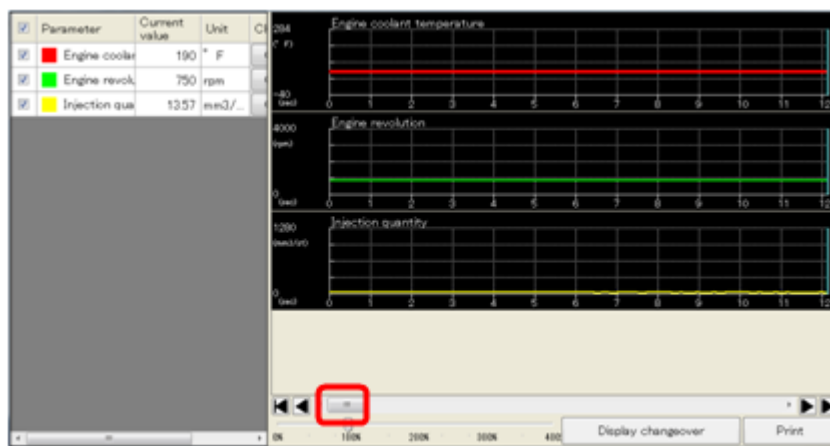
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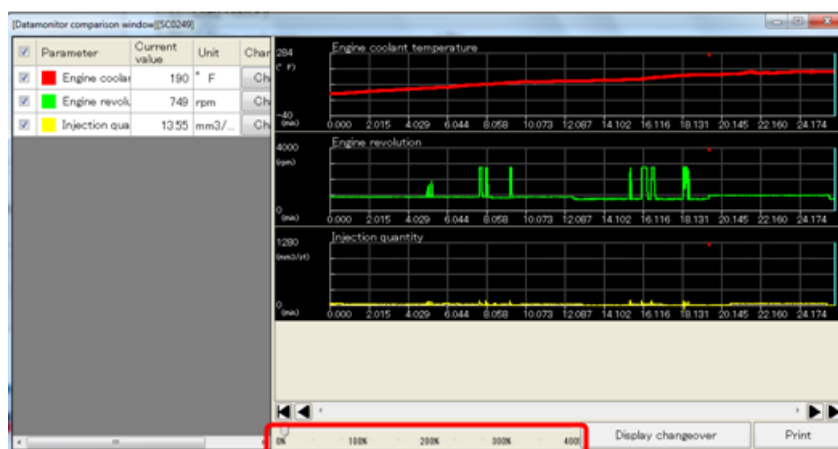
- The saved data file explorer window will open, select the file desired. Files are named DATA\_VIN\_DATE\_TIME, to simplify locating the recording.



- The selected recording will open in numerical and graph form. The slider bar below the graph can be used to advance the recorded data.



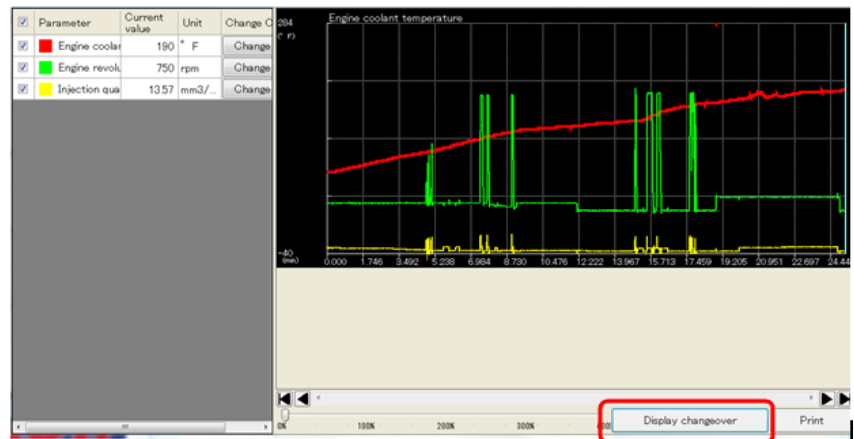
- The percentage slider below the graph will change how the data is viewed. Moving the slider to 0% will "zoom out" and make the whole recording visible. 100% (which is the default) and higher will zoom into the recording and will increase the resolution seen.



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5. The “Display Changeover” button will combine the graph view from individual graphs to 1 graph with all parameters.



6. Individual parameters can be removed from the view by deselecting the checkbox to the left of the parameter. Parameters can be selected and deselected at any time. If a timestamp was placed during the recording it will be viewed on the graph as a red tick mark.

