

TROUBLESHOOTING

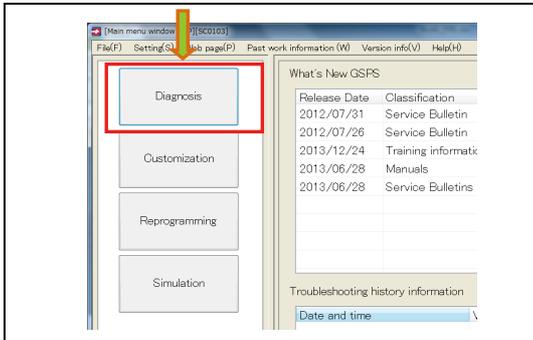
READING DTCS	2
READING DTCS FROM A SELECTED SYSTEM.....	2
DIAGNOSIS MAIN WINDOW	5
ADDITIONAL READING/UPDATING	5
DELETING DTCS	6
AUTOMATIC UPDATING	7
DEFECT INFORMATION	9
DETAILS OF PHENOMENA.....	9
DETAILS OF DTCS	10
DIAGNOSIS FLOW	12
DIAGNOSIS FLOW	12
LOCATION INFORMATION AND SCHEMATIC	14
LOCATION INFORMATION AND SCHEMATIC.....	14
CHECK MENU	16
COMMON TO INDIVIDUAL CHECKS	16
DPR CHECK.....	17
EGR CHECK	18
PCS OPERATION CHECK.....	18
VNT CHECK	18
AXLE MODULATOR CHECK	19
COMMON RAIL PRESSURE CHECK.....	19
COMMON RAIL PRESSURE DIFFERENCE CHECK	19
TURBO CHECK.....	20
DRIVER MONITOR CAMERA OPERATION CHECK	20
TRAILER CONTROL VALVE CHECK.....	20
PULSE EGR CHECK.....	21
PROPORTIONAL RELAY VALVE CHECK	21
INTAKE THROTTLE VALVE CHECK.....	21
AIR INTAKE VOLUME CHECK	22
DEF ADDITION TEST	22
FUEL LEAK CHECK.....	22
ACCELERATOR SENSOR ADJUSTMENT FOR RUNNING	23
PCS OPERATION CHECK.....	23
EBS LAMP INITIALIZATION	23
DATA MONITOR AND ACTIVE TEST	24
DATA MONITOR	24
ACTIVE TEST.....	29
PROTECTED DATA	32
PROTECTED DATA	32

READING DTCS

READING DTCS FROM A SELECTED SYSTEM

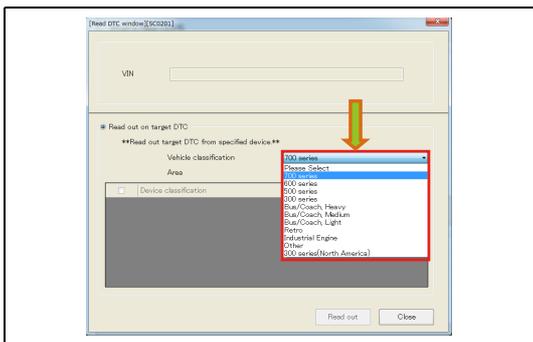
EN01N80ZZZ060102001001

1. PRESS THE [Diagnosis] BUTTON.
(Main menu screen)



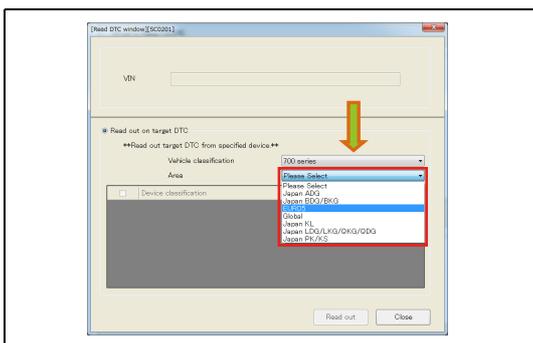
SHTS80ZZZ0600001

2. SELECT THE VEHICLE TO DIAGNOSE FROM [Vehicle Classification].
(Read DTC window)



SHTS80ZZZ0600002

3. SELECT THE EMISSION CODE OF THE VEHICLE TO DIAGNOSE FROM [Area].
(Read DTC window)

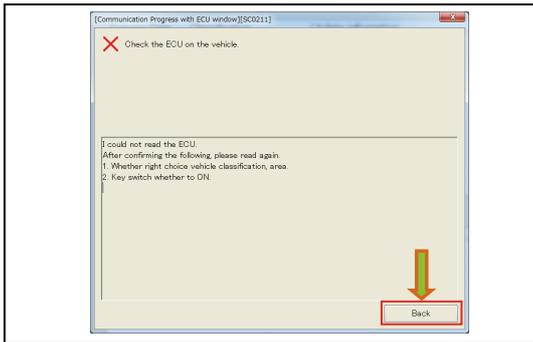


SHTS80ZZZ0600003

ERROR DURING READING

1. COMMUNICATION LINE ESTABLISHMENT ERROR (ECU communication progress screen)

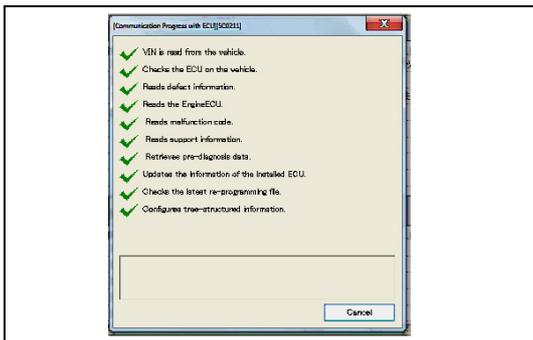
- (1) This appears when the communication with the interface has not been established properly. Remedy: Check the connection of communication cable with the interface and with the vehicle.
- (2) Press the [Back] button to display the main menu screen.



SHTS80ZZZ0600008

2. PART NUMBER ALLOCATION ERROR (ECU communication progress screen)

- (1) This appears when the part number read from the system does not exist in the DB. Remedy: Check if the DB version is up-to-date.



SHTS80ZZZ0600009

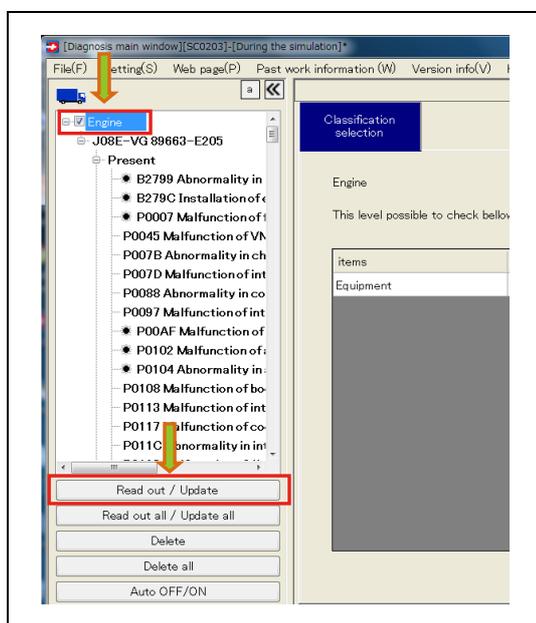
3. PRESS THE [Finish] BUTTON TO DISPLAY THE Diagnosis MAIN WINDOW.

DIAGNOSIS MAIN WINDOW

ADDITIONAL READING/UPDATING

EN01N80ZZZ060102002001

1. CHECK THE SYSTEM FROM WHICH YOU WANT TO ADDITIONALLY READ OR UPDATE DTCs AND PRESS THE [Read out/Update] BUTTON.
(Diagnosis main window)

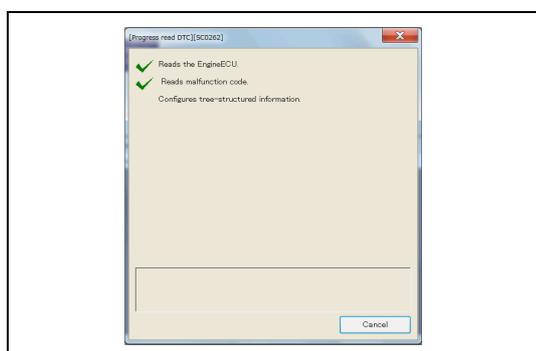


SHTS80ZZZ0600010

2. DTC READING STARTS.
(Progress read DTC)

HINT

When the interface is connected via Bluetooth, the communication speed is slower.

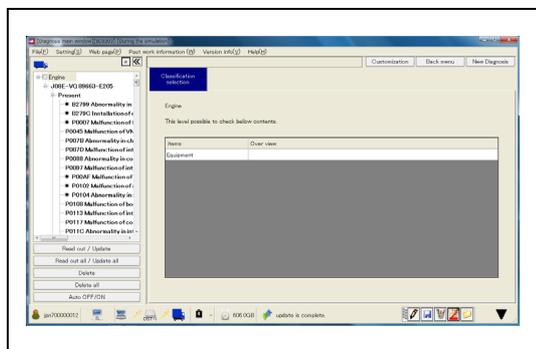


SHTS80ZZZ0600011

3. AFTER READING IS COMPLETED, THE DISPLAYED TREE IS UPDATED.
(Diagnosis main window)

HINT

Pressing the [Read out all/Update all] button reads or updates DTCs from all the systems displayed on the tree regardless of whether or not they are checked.

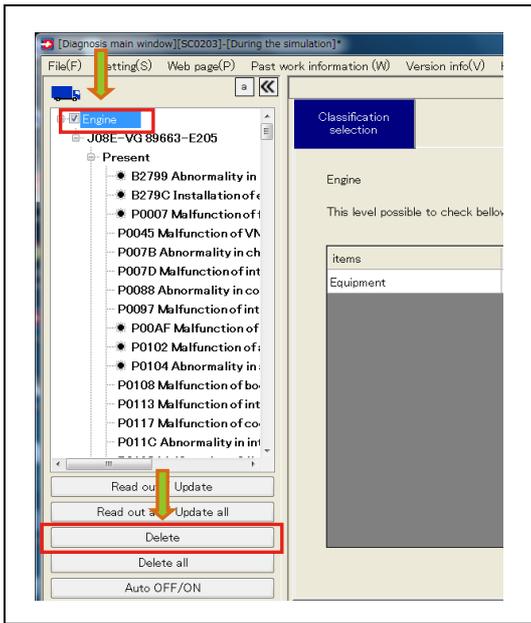


SHTS80ZZZ0600012

DELETING DTCS

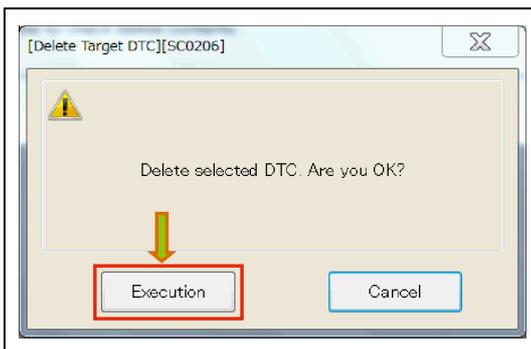
EN01N80ZZZ060102002002

1. CHECK THE BOX NEXT TO THE SYSTEM YOU WANT TO DELETE DTCS FROM, OR CLICK TO SELECT THE SYSTEM, AND THEN PRESS THE [Delete] BUTTON.
(Diagnosis main window)



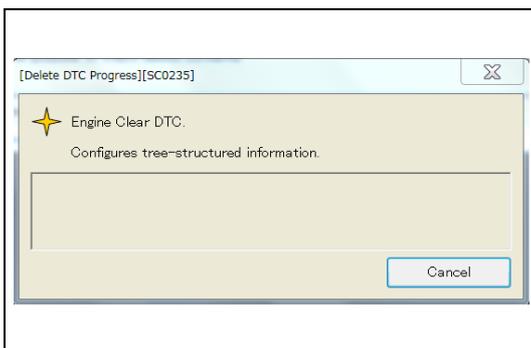
SHTS80ZZZ0600013

2. A CONFIRMATION MESSAGE APPEARS. PRESS THE [Execution] BUTTON.
(Delete Target DTC)

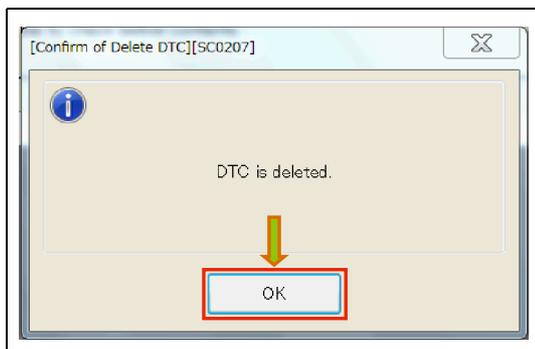


SHTS80ZZZ0600014

3. HINO DX II STARTS DELETING DTCS.
(Delete DTC Progress)

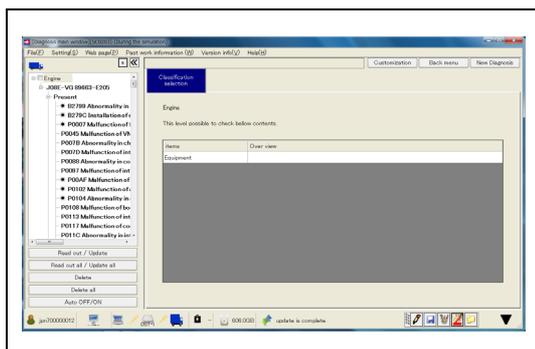


SHTS80ZZZ0600015



SHTS80ZZZ0600016

4. AFTER THE DTCS ARE DELETED, THIS MESSAGE APPEARS. PRESS THE [OK] BUTTON. (Confirm of Delete DTC)



SHTS80ZZZ0600017

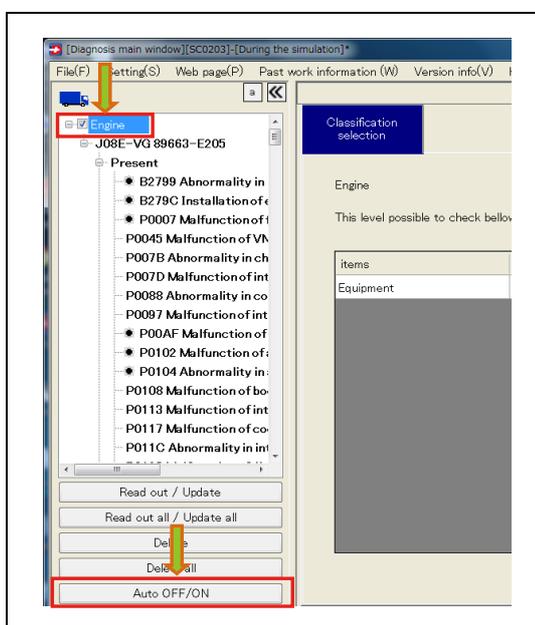
5. AFTER DELETION IS COMPLETED, THE DISPLAYED TREE IS UPDATED. (Diagnosis main window)

HINT

Pressing the [Delete all] button deletes DTCs from all the systems displayed on the tree regardless of whether or not they are checked.

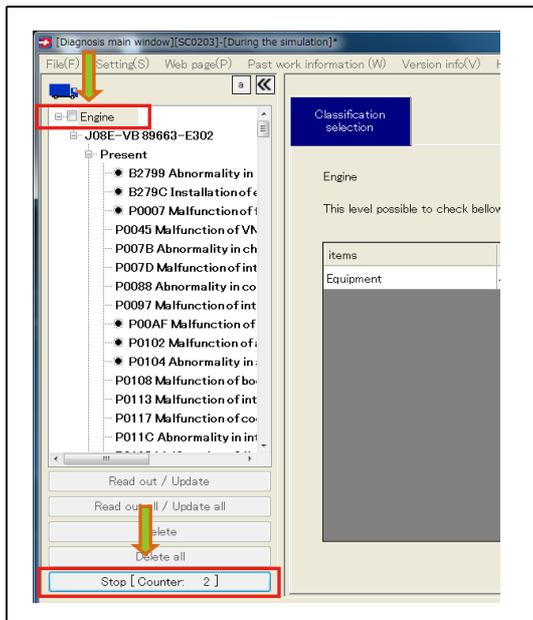
AUTOMATIC UPDATING

EN01N80ZZZ060102002003



SHTS80ZZZ0600018

1. CHECK THE BOX NEXT TO THE SYSTEM YOU WANT TO AUTOMATICALLY UPDATE DTCS FROM, OR CLICK TO SELECT THE SYSTEM, AND THEN PRESS THE [Auto OFF/ON] BUTTON. (Diagnosis main window)



SHTS80ZZZ0600019

2. AUTOMATIC UPDATING STARTS. (Diagnosis main window)

HINT

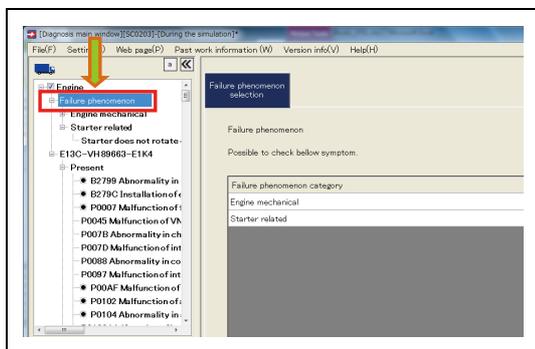
- To stop automatic updating, press the [Stop] button.
- When automatic updating is done for one system, [Data monitor] and [Active test] are available while automatic updating is enabled, but when automatic updating is done for two or more systems, other functions are unavailable.

DEFECT INFORMATION

DETAILS OF PHENOMENA

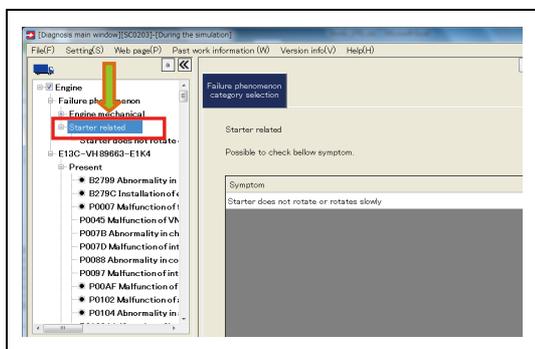
EN01N80ZZ060102003001

1. FROM THE DISPLAYED TREE, SELECT THE DEFECT PHENOMENON BELOW THE SYSTEM SUSPECTED OF BEING DEFECTIVE.
(Diagnosis main window)



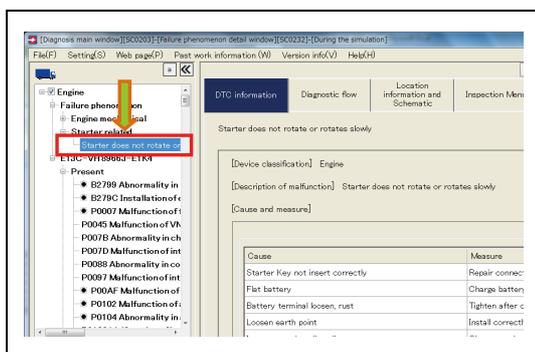
SHTS80ZZ0600020

2. SELECT THE CATEGORY.
(Diagnosis main window)



SHTS80ZZ0600021

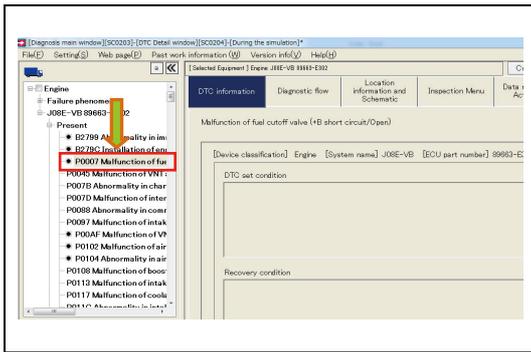
3. SELECTING THE SYMPTOM OBSERVED DISPLAYS THE POSSIBLE CAUSES AND REMEDIES IN THE "DTC information" TAB SHOWN TO THE RIGHT.
(Diagnosis main window)



SHTS80ZZ0600022

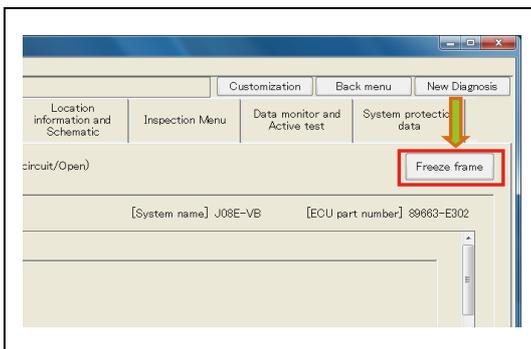
DETAILS OF DTCS

EN01N80ZZ060102003002



SHTS80ZZ0600023

1. **CLICK THE DTC ON THE DISPLAYED TREE FOR WHICH YOU WANT TO VIEW THE DETAILS TO DISPLAY THE DETAILS OF THE DTC IN THE "Fault information" TAB SHOWN TO THE RIGHT.**
(Diagnosis main window)

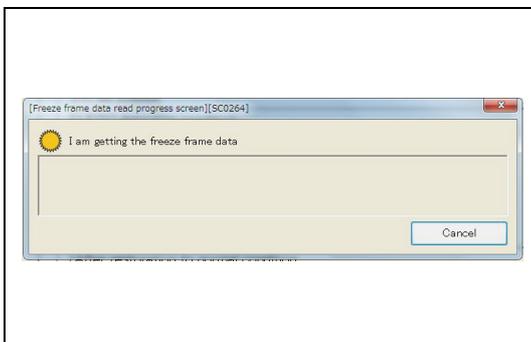


SHTS80ZZ0600024

2. **PRESS THE [Freeze Frame] BUTTON.**
(DTC information tab)

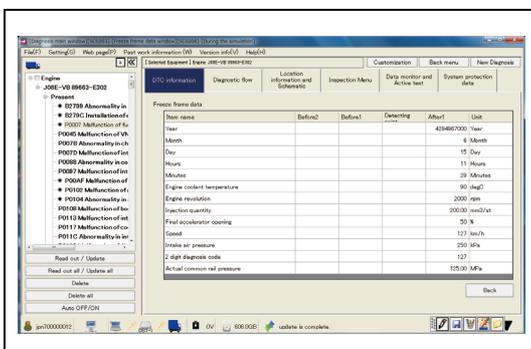
HINT

If no vehicle data at the time of DTC occurrence is present, the [Freeze Frame] button is not displayed.



SHTS80ZZ0600025

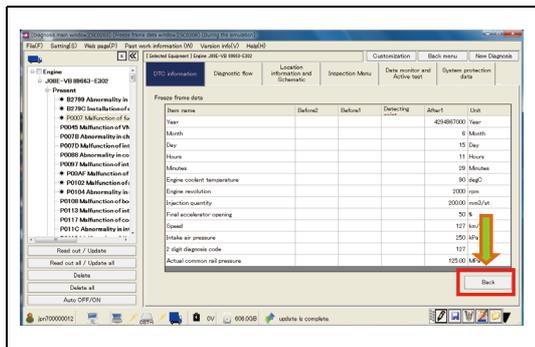
3. **READING OF FREEZE FRAME DATA STARTS.**
(Freeze frame data read progress screen)



SHTS80ZZ0600026

4. **FREEZE FRAME DATA IS DISPLAYED.**
(DTC information tab)

5. PRESS THE [Back] BUTTON TO DISPLAY THE PREVIOUS SCREEN.
(DTC information tab)

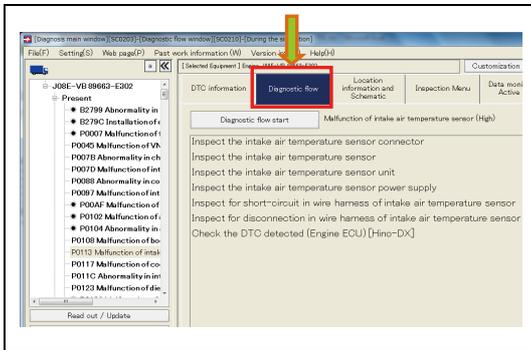


SHTS80ZZ0600027

DIAGNOSIS FLOW

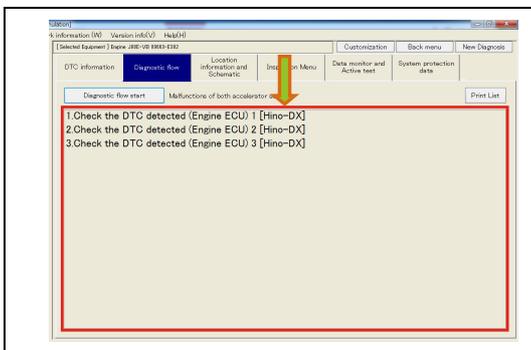
DIAGNOSIS FLOW

EN01N80ZZZ060102004001



SHTS80ZZZ0600028

1. ON THE DISPLAYED TREE, SELECT THE DTC YOU WANT TO PERFORM DIAGNOSIS FOR AND SELECT "Diagnostic flow" TAB FROM THE TAB LIST SHOWN TO THE RIGHT. (Diagnosis main window)

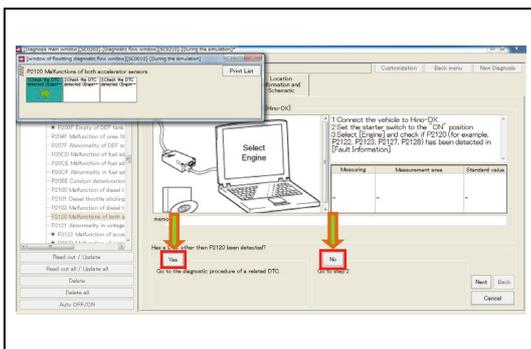


SHTS80ZZZ0600029

2. THE DIAGNOSIS PROCEDURE LIST IS DISPLAYED IN THE "Diagnostic flow" TAB. CLICK THE [Diagnostic flow start] BUTTON TO START THE DIAGNOSIS FLOW. (Diagnostic flow tab)

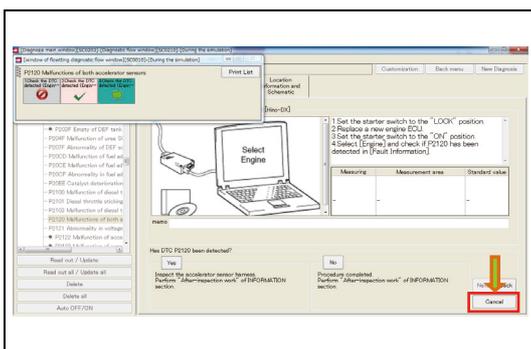
HINT

Different Diagnosis flows are provided for different DTCs and phenomena. The details or procedure may differ from one DTC or phenomenon to another.



SHTS80ZZZ0600030

3. READ EACH INSTRUCTION AND SELECT Yes OR No TO PROCEED WITH THE DIAGNOSIS. (Diagnostic flow tab)



SHTS80ZZZ0600031

4. TO STOP THE DIAGNOSIS FLOW, PRESS THE [Cancel] BUTTON. (Diagnostic flow tab)



SHTS80ZZ0600032

5. THE DIAGNOSIS FLOW RATING SCREEN IS DISPLAYED. (Diagnostic flow tab)

- (1) Determine the rating, enter comments, and press the [OK] button.

HINT

The diagnosis flow rating is counted and used to improve the diagnosis flow.

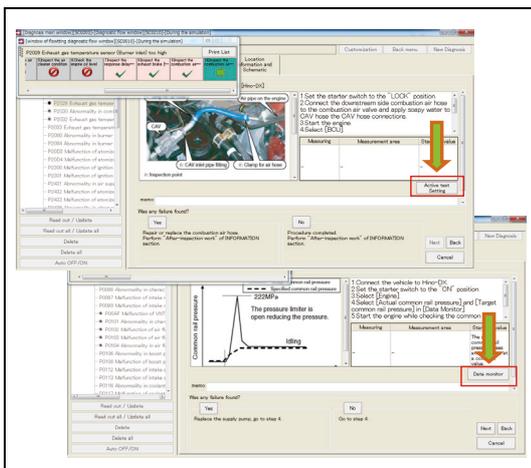
WHEN BUTTONS ARE DISPLAY ON THE SCREEN

- Pressing the [View Manual] button starts the browser to display the manual.
- Pressing the [Data monitor] button displays the "Data monitor" tab.
- Pressing the [Active test] button displays the "Data monitor and Active test" tab and opens the test execution screen.
- Pressing the [Check] button displays the "Check" tab.
- Pressing the [Initial setting/Initial learning] button displays the "Initial setting/Initial learning" tab.

HINT

To return to the diagnosis flow screen, press the [Back to the diagnosis flow] button on the current screen.

At this time, the data monitor and check-related values may be automatically updated.

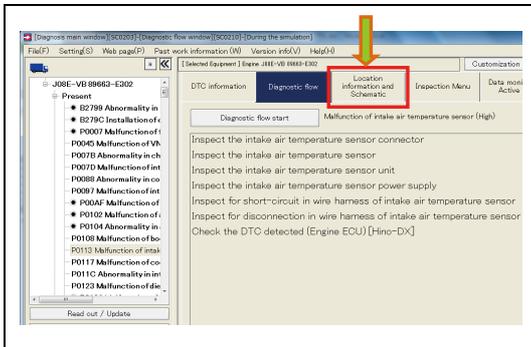


SHTS80ZZ0600033

LOCATION INFORMATION AND SCHEMATIC

LOCATION INFORMATION AND SCHEMATIC

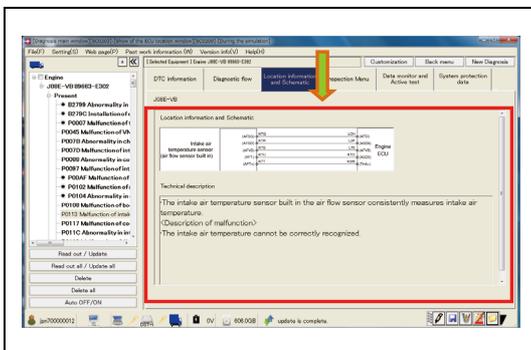
EN01N80ZZ060102005001



SHTS80ZZ0600034

1. ON THE DISPLAYED TREE, SELECT THE "System" OR "DTC" FOR WHICH YOU WANT TO BROWSE THE TECHNICAL INFORMATION AND, FROM THE TAB LIST SHOWN TO THE RIGHT, SELECT THE "Location information and Schematic" TAB.

(Diagnosis main window)



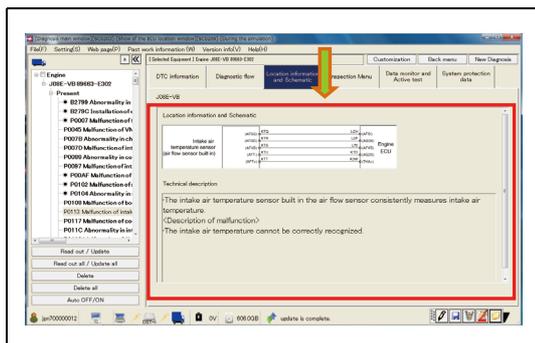
SHTS80ZZ0600035

2. RELATED TECHNICAL INFORMATION IS DISPLAYED IN THE TAB.

(Location information and schematic tab)

DISPLAYING MAGNIFIED OR REDUCED LOCATION INFORMATION AND SCHEMATIC

1. CLICK THE ILLUSTRATION OF LOCATION INFORMATION AND SCHEMATIC.
(Location information and schematic tab)

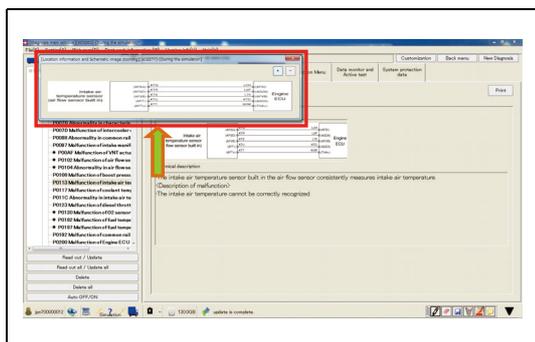


SHTS80ZZ0600036

2. A MAGNIFIED VIEW SCREEN OF LOCATION INFORMATION AND SCHEMATIC IS DISPLAYED.

HINT

Clicking the [+]/[-] icon at the upper right of the screen magnifies/reduces the view.



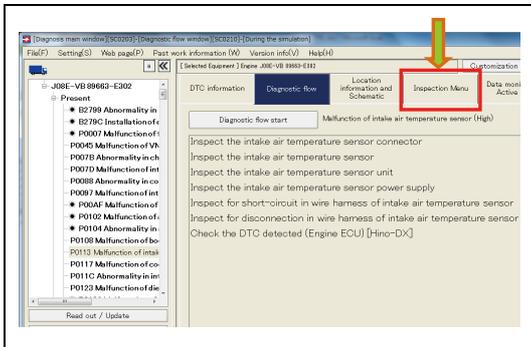
SHTS80ZZ0600037

CHECK MENU

COMMON TO INDIVIDUAL CHECKS

EN01N80ZZZ060102006001

1. ON THE DISPLAYED TREE, SELECT THE "System" OR "DTC" YOU WANT TO PERFORM THE CHECK ON AND SELECT THE "Inspection Menu" TAB FROM THE TAB LIST SHOWN TO THE RIGHT.
(Diagnosis main window)

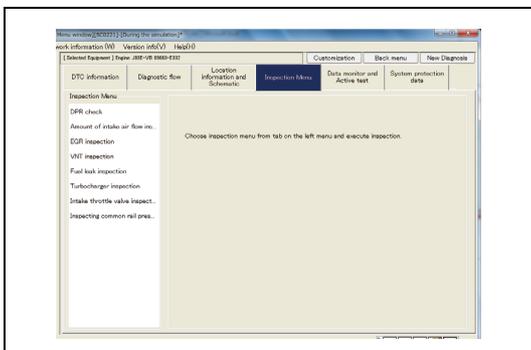


SHTS80ZZZ0600038

2. THE LIST OF CHECK MENU ITEMS SET FOR THE SYSTEM IS DISPLAYED.
(Inspection Menu tab)

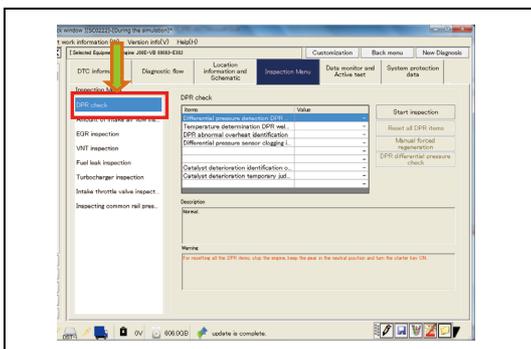
HINT

In the list of check menu items, the check menu items having yellow background are the recommended check items for the selected DTC.



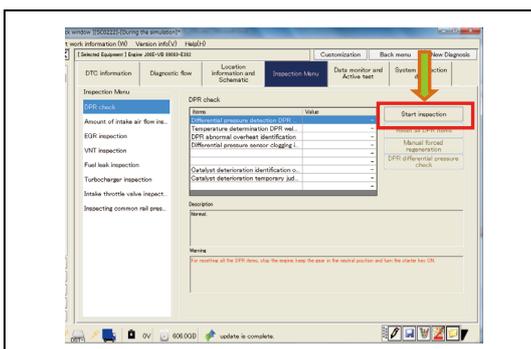
SHTS80ZZZ0600039

3. SELECT THE ITEM YOU WANT TO CHECK. THE CHECK SCREEN IS DISPLAYED IN THE "Inspection Menu" TAB.
(Inspection Menu tab)

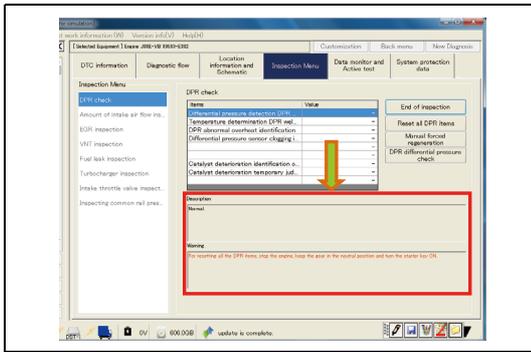


SHTS80ZZZ0600040

4. PRESS THE [Start inspection] BUTTON TO START THE CHECK.
(Inspection Menu tab)

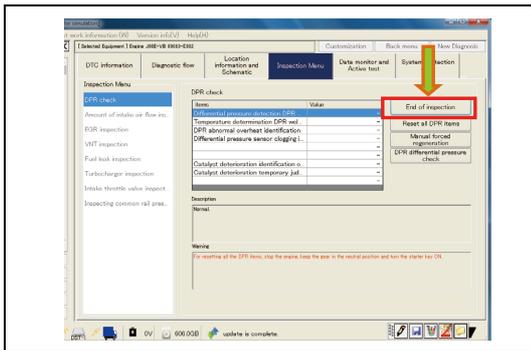


SHTS80ZZZ0600041



SHTS80ZZ0600042

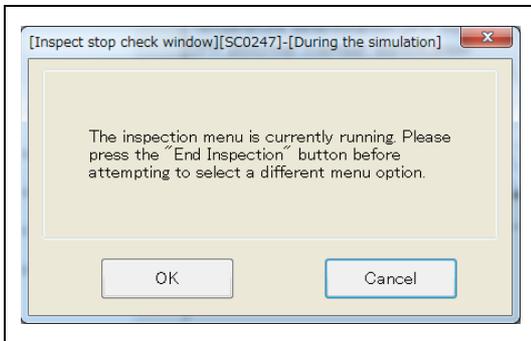
- FOLLOW THE "Description" AND "Warning" TO PERFORM THE CHECK. (Inspection Menu tab)**



SHTS80ZZ0600043

- PRESS THE [End Inspection] BUTTON TO FINISH THE CHECK. (Inspection Menu tab)**

WHEN ANOTHER TAB IS SELECTED DURING CHECK



SHTS80ZZ0600044

- WHEN YOU TRY TO MOVE TO ANOTHER TAB BEFORE THE CHECK IS COMPLETED, A DIALOG APPEARS TO PROMPT YOU TO WAIT UNTIL COMPLETION OF THE CHECK. (Check stop confirmation screen)**

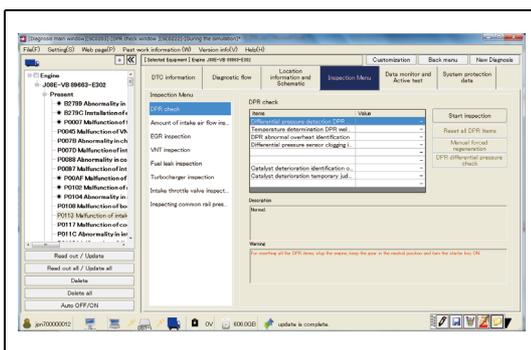
HINT

Pressing the [OK] button stops the check and moves the display to another tab.

DPR CHECK

EN01N80ZZ060102006002

- PERFORM THE CHECK ACCORDING TO THE COMMON CHECK MENU PROCEDURE.**

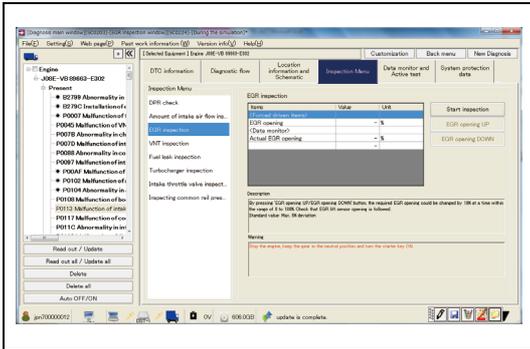


SHTS80ZZ0600045

EGR CHECK

EN01N80ZZZ060102006003

1. PERFORM THE CHECK ACCORDING TO THE COMMON CHECK MENU PROCEDURE.

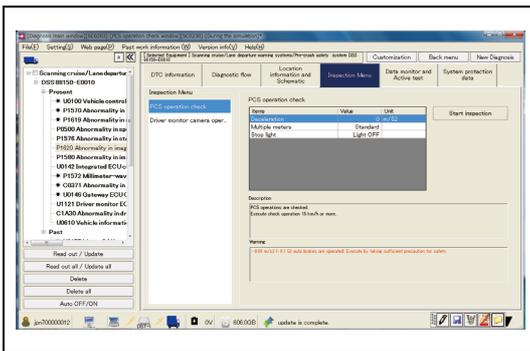


SHTS80ZZZ0600046

PCS OPERATION CHECK

EN01N80ZZZ060102006004

1. PERFORM THE CHECK ACCORDING TO THE COMMON CHECK MENU PROCEDURE.

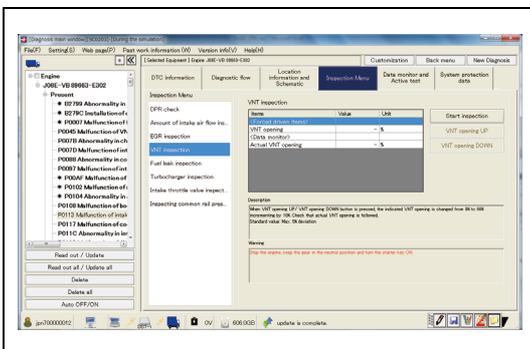


SHTS80ZZZ0600047

VNT CHECK

EN01N80ZZZ060102006005

1. PERFORM THE CHECK ACCORDING TO THE COMMON CHECK MENU PROCEDURE.

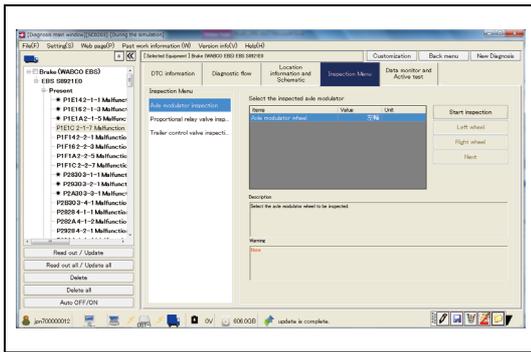


SHTS80ZZZ0600048

AXLE MODULATOR CHECK

EN01N80ZZZ060102006006

1. PERFORM THE CHECK ACCORDING TO THE COMMON CHECK MENU PROCEDURE.

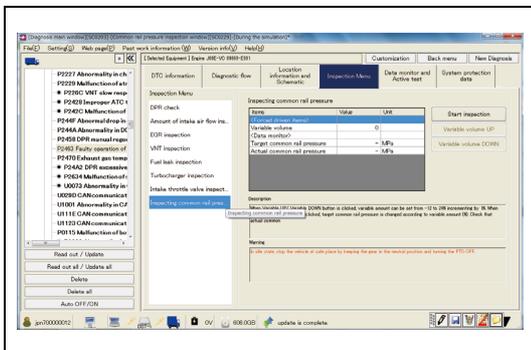


SHTS80ZZZ0600049

COMMON RAIL PRESSURE CHECK

EN01N80ZZZ060102006007

1. PERFORM THE CHECK ACCORDING TO THE COMMON CHECK MENU PROCEDURE.

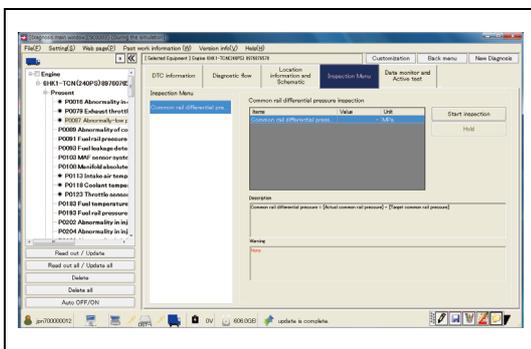


SHTS80ZZZ0600050

COMMON RAIL PRESSURE DIFFERENCE CHECK

EN01N80ZZZ060102006008

1. PERFORM THE CHECK ACCORDING TO THE COMMON CHECK MENU PROCEDURE.

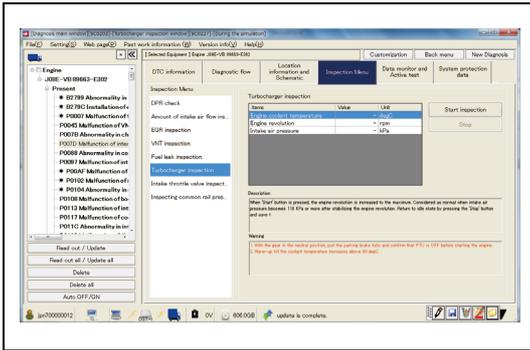


SHTS80ZZZ0600051

TURBO CHECK

EN01N80ZZ060102006009

1. PERFORM THE CHECK ACCORDING TO THE COMMON CHECK MENU PROCEDURE.

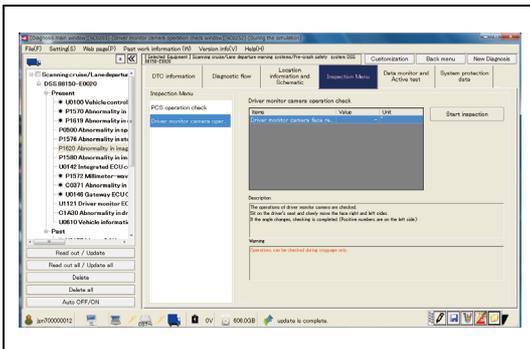


SHTS80ZZ0600052

DRIVER MONITOR CAMERA OPERATION CHECK

EN01N80ZZ060102006010

1. PERFORM THE CHECK ACCORDING TO THE COMMON CHECK MENU PROCEDURE.

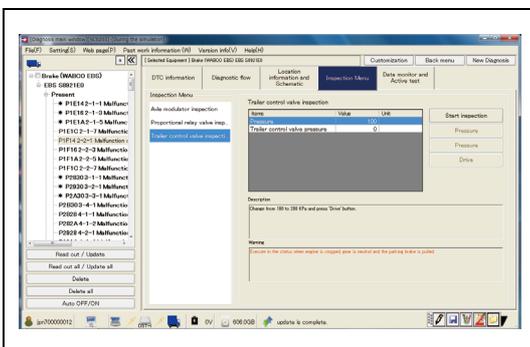


SHTS80ZZ0600053

TRAILER CONTROL VALVE CHECK

EN01N80ZZ060102006011

1. PERFORM THE CHECK ACCORDING TO THE COMMON CHECK MENU PROCEDURE.

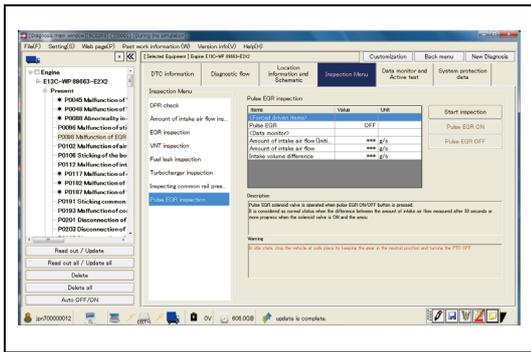


SHTS80ZZ0600054

PULSE EGR CHECK

EN01N80ZZ060102006012

1. PERFORM THE CHECK ACCORDING TO THE COMMON CHECK MENU PROCEDURE.

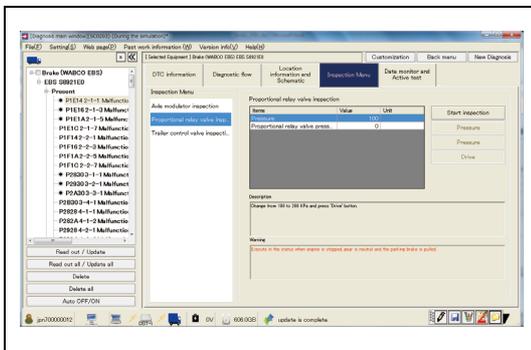


SHTS80ZZ0600055

PROPORTIONAL RELAY VALVE CHECK

EN01N80ZZ060102006013

1. PERFORM THE CHECK ACCORDING TO THE COMMON CHECK MENU PROCEDURE.

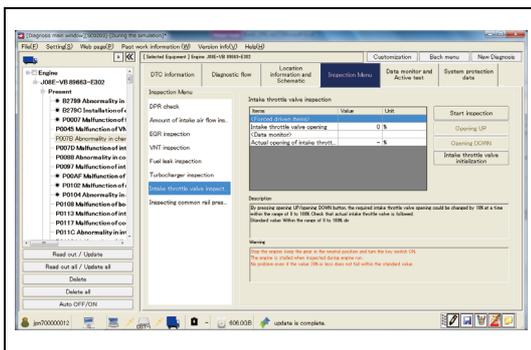


SHTS80ZZ0600056

INTAKE THROTTLE VALVE CHECK

EN01N80ZZ060102006014

1. PERFORM THE CHECK ACCORDING TO THE COMMON CHECK MENU PROCEDURE.

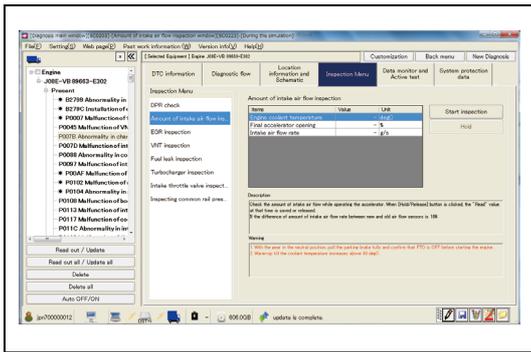


SHTS80ZZ0600057

AIR INTAKE VOLUME CHECK

EN01N80ZZZ060102006015

1. PERFORM THE CHECK ACCORDING TO THE COMMON CHECK MENU PROCEDURE.

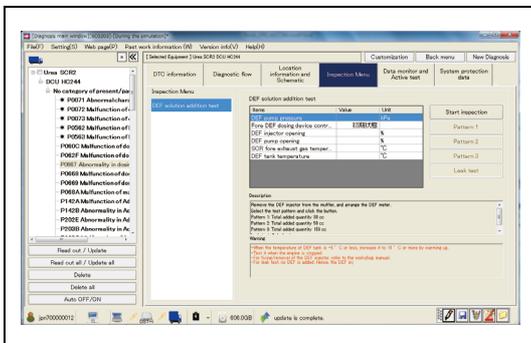


SHTS80ZZZ0600058

DEF ADDITION TEST

EN01N80ZZZ060102006016

1. PERFORM THE CHECK ACCORDING TO THE COMMON CHECK MENU PROCEDURE.

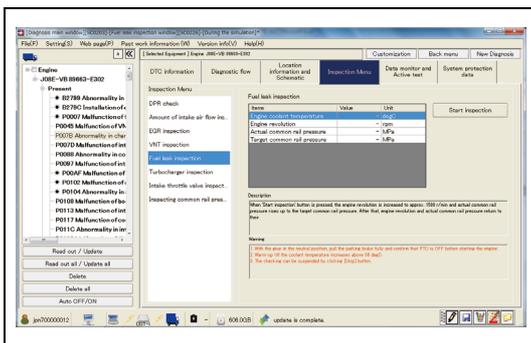


SHTS80ZZZ0600059

FUEL LEAK CHECK

EN01N80ZZZ060102006017

1. PERFORM THE CHECK ACCORDING TO THE COMMON CHECK MENU PROCEDURE.



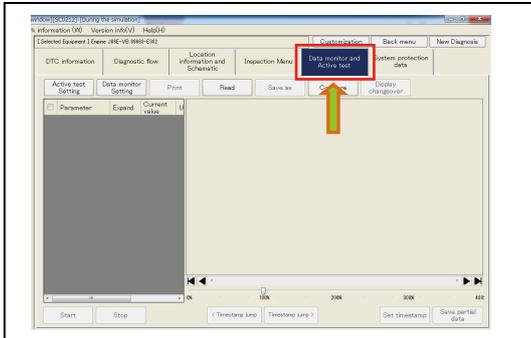
SHTS80ZZZ0600060

DATA MONITOR AND ACTIVE TEST

DATA MONITOR

EN01N80ZZ060102007001

1. ON THE DISPLAYED TREE, SELECT THE "System" OR "DTC" AND FROM THE TAB LIST SHOWN TO THE RIGHT, SELECT THE [Data monitor and Active test] TAB. (Diagnosis main window)

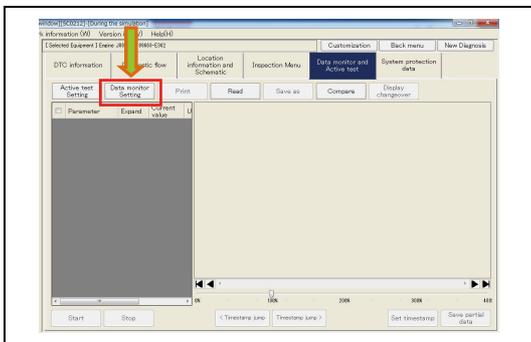


SHTS80ZZ0600064

2. PRESS THE [Data monitor Setting] BUTTON. (Data monitor and Active test tab)

HINT

Depending on the selected DTC, the recommended monitor signal line may be preset.

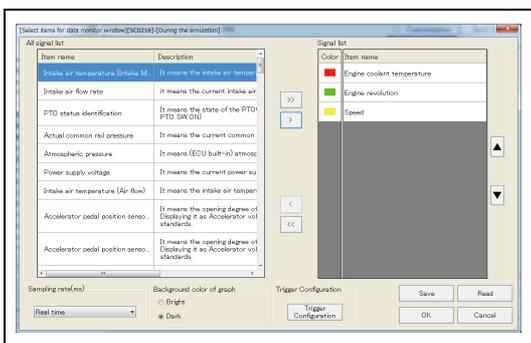


SHTS80ZZ0600065

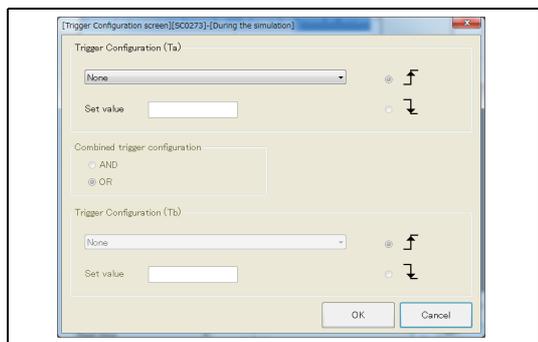
3. FROM THE "All signal list", SELECT THE SIGNAL TO MONITOR. (Data monitor and Active test tab)

HINT

- To select the signal, double-click the item in the all signal list or press the [>] button.
- Clicking the [>>] button selects the maximum number of monitor signal lines (32 lines).
- Pressing the [<] or [<<] button deletes the selected signal lines.
- Pressing the [→]/[←] button of the keyboard adds/deletes the signal lines.
- To select the displayed color of a signal line, double-click the color of the signal line.
- Pressing the [▲] or [▼] button changes the order of the selected signal lines.
- Pressing the [Save] or [Read] button saves the created signal settings or reads the saved settings.
- To set a trigger, press the [Trigger Configuration] button.



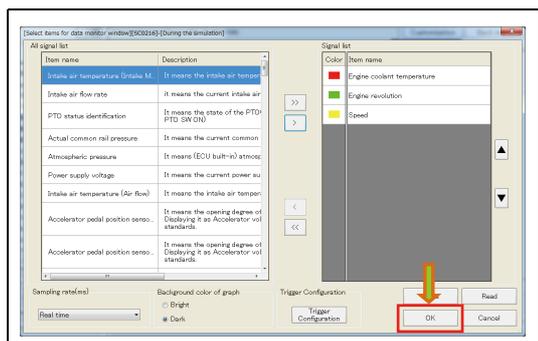
SHTS80ZZ0600066



SHTS80ZZ0600067

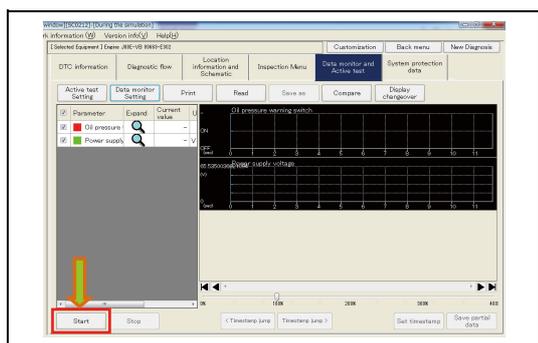
4. SET THE SIGNAL FOR WHICH YOU WOULD LIKE TO SET THE TRIGGER, AND SET THE SETTING VALUE. THEN PRESS THE [OK] BUTTON.
(Trigger configuration screen)

- Select the rise or fall detection of the signal.
- When setting multiple triggers, select the combination method.



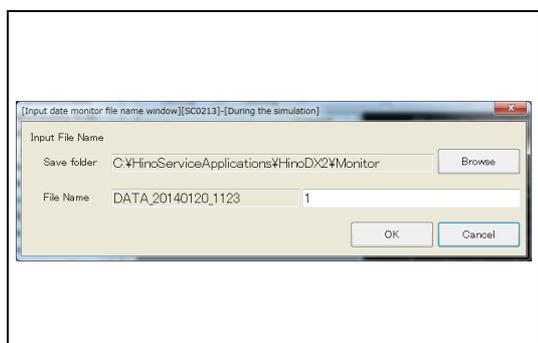
SHTS80ZZ0600068

5. CLICK THE [OK] BUTTON TO CLOSE THE DATA MONITOR ITEM SELECTION SCREEN.
(Data monitor and Active test tab)



SHTS80ZZ0600069

6. PRESS THE [Start] BUTTON.
(Data monitor and Active test tab)



SHTS80ZZ0600070

7. THE MONITOR DATA SAVE DIALOG APPEARS. SPECIFY THE NAME OF THE FILE IN WHICH TO SAVE MONITOR DATA AND PRESS THE [OK] BUTTON.
(Data monitor and Active test tab)

HINT

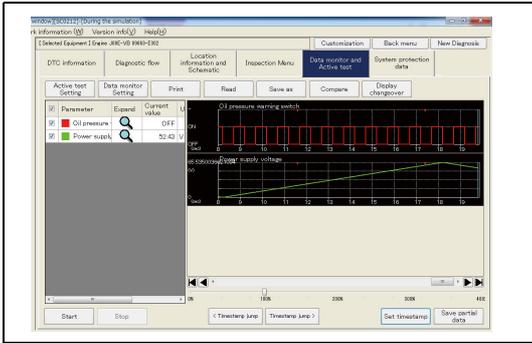
- To change the destination folder, press the [Browse] button and specify the folder.
- Specify the file name in the following manner: "DATA_YYYYMMDD_HHMM" + Sequential number. The sequential number is automatically assigned but can be changed.

**8. DATA MONITOR STARTS AND A GRAPH IS DISPLAYED.
(Data monitor and Active test tab)**

HINT

Pressing the [Set timestamp] button during monitoring sets a time stamp in the data.

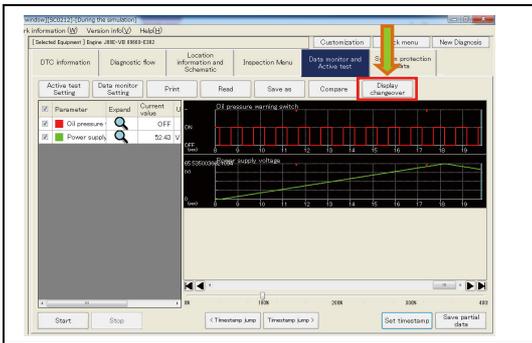
Setting a time stamp allows you to use time stamp jump while data monitor is stopped or when the saved data is read.



SHTS80ZZZ0600071

SWITCHING THE GRAPH DISPLAY MODE

**1. PRESS THE [Display change over] BUTTON.
(Data monitor and Active test tab)**

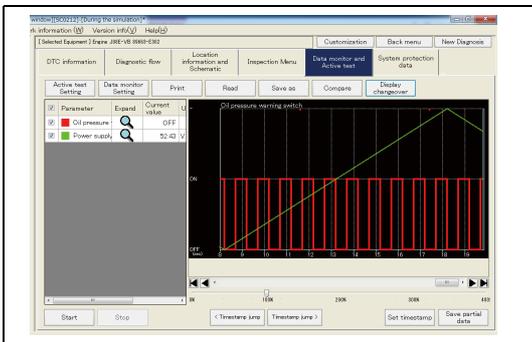


SHTS80ZZZ0600072

**2. THE SCREEN CHANGES TO THE OVERLAPPING DISPLAY MODE.
(Data monitor and Active test tab)**

HINT

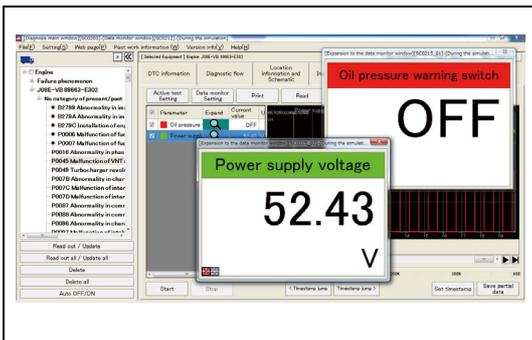
- All signals are overlapped with one another in one graph.
- Pressing the [Display change over] button again displays each graph separately.



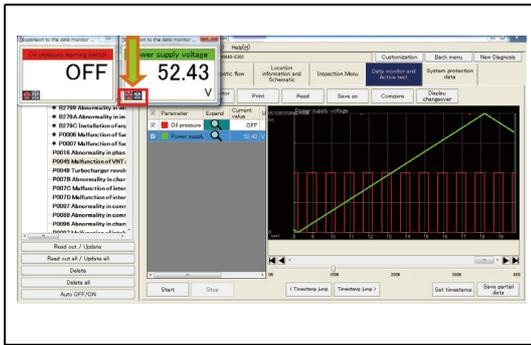
SHTS80ZZZ0600073

ENLARGING MONITORED DATA

**1. CLICK THE MAGNIFIER ICON.
(Data monitor and Active test tab)**



SHTS80ZZZ0600074



SHTS80ZZ0600075

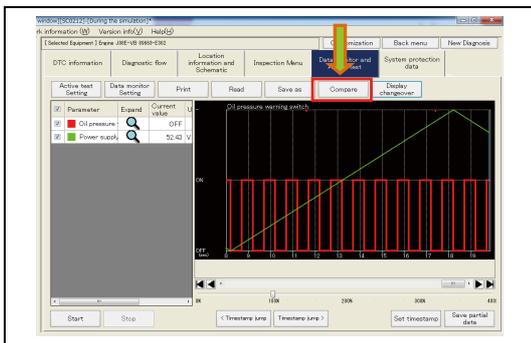
2. DATA WILL BE MAGNIFIED.
(Data monitor and Active test tab)

HINT

- Clicking the [x] icon at the lower left of an enlarged view dialog closes two or more enlarged view dialogs at a time.
- Clicking the [Dialog] icon at the lower left of an enlarged view dialog aligns two or more enlarged view dialogs.

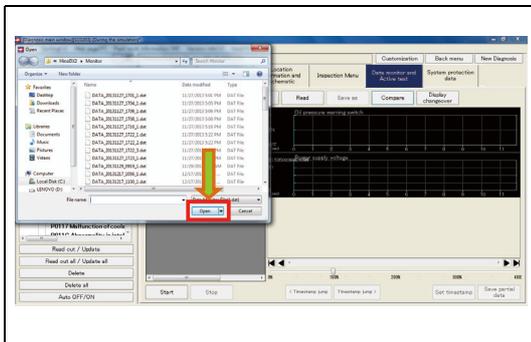
COMPARING MONITORED DATA

1. PRESS THE [Compare] BUTTON.
(Data monitor and Active test tab)



SHTS80ZZ0600076

2. SELECT A FILE AND PRESS THE [Open] BUTTON.
(Data monitor and Active test tab)

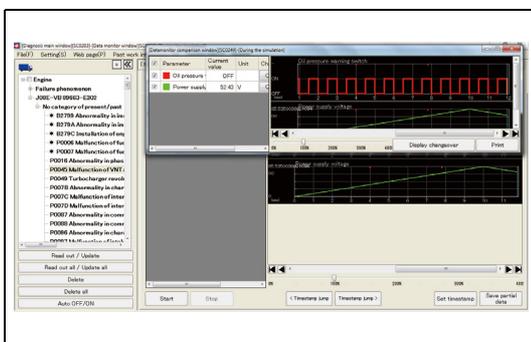


SHTS80ZZ0600077

3. THE DATA MONITOR COMPARISON SCREEN APPEARS IN THE UPPER AREA OF THE CURRENT GRAPH.
(Data monitor and Active test tab)

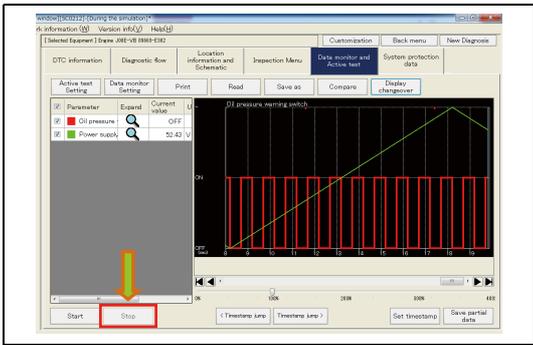
HINT

The data monitor comparison screen can be displayed not only during data monitoring but also other times.
See "Read Compare Data."



SHTS80ZZ0600078

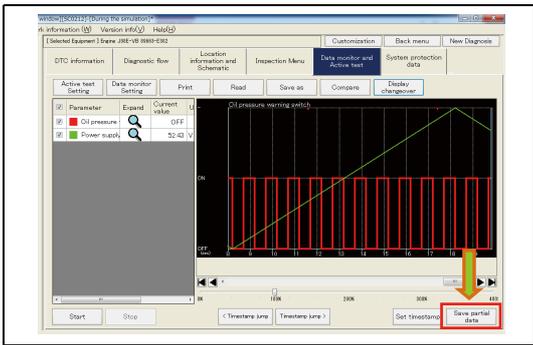
**4. TO STOP DATA MONITOR, PRESS THE [Stop] BUTTON.
(Data monitor and Active test tab)**



SHTS80ZZ0600079

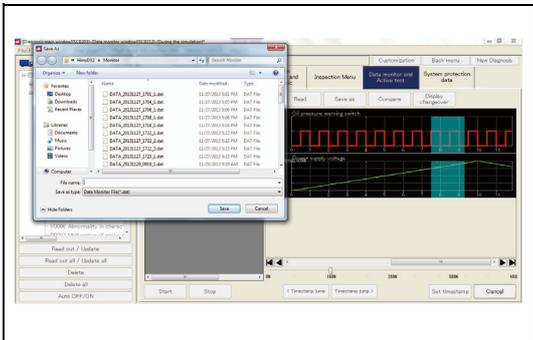
PARTIAL SAVING OF MONITOR DATA

**1. PRESS THE [Save partial data] BUTTON.
(Data monitor and Active test tab)**



SHTS80ZZ0600080

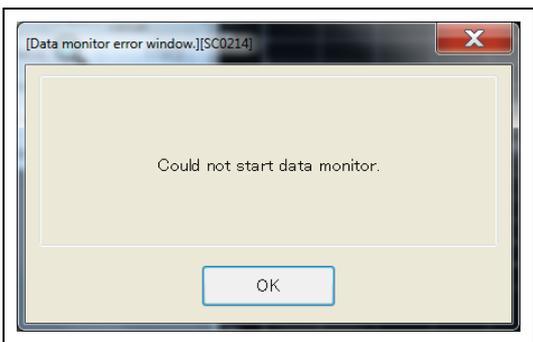
**2. CLICK THE START AND END POINTS OF THE AREA YOU
WOULD LIKE TO SAVE ON THE GRAPH AND SAVE THE FILE.
(Data monitor and Active test tab)**



SHTS80ZZ0600081

**WHEN AN ERROR MESSAGE APPEARS DURING
DATA MONITOR**

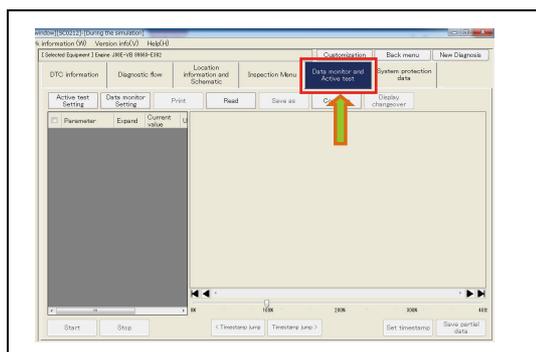
- Data monitor start error
Phenomenon: An error message appears immediately after data monitor is started.
Remedy: Check connections with the interface and vehicle and check that the key switch is ON.
- Data monitor communication interruption error.
Phenomenon: During data monitor execution, an error message appears suddenly.
Remedy: Check the settings and connections. Note that an improper connection causes the message to appear.



SHTS80ZZ0600082

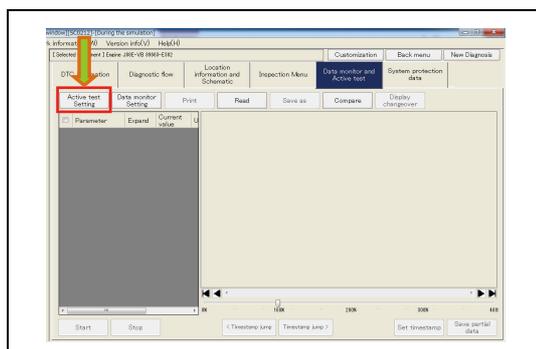
ACTIVE TEST

EN01N80ZZZ060102007002



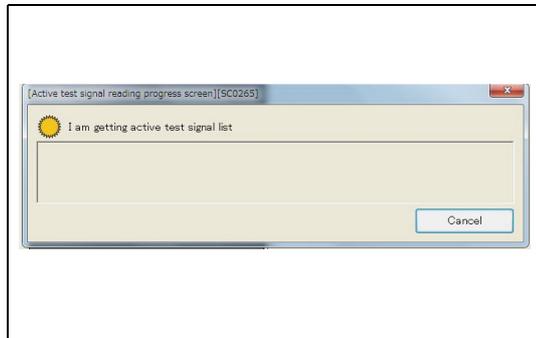
SHTS80ZZZ0600083

1. ON THE DISPLAYED TREE, SELECT THE "System" OR "DTC" AND FROM THE TAB LIST SHOWN TO THE RIGHT, SELECT THE [Data monitor and Active test] TAB. (Diagnosis main window)



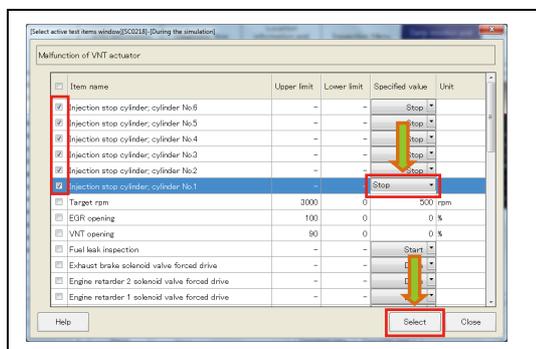
SHTS80ZZZ0600084

2. PRESS THE [Activ test Setting] BUTTON. (Data monitor and Active test tab)



SHTS80ZZZ0600085

3. READING OF ACTIVE TEST LIST STARTS. (Active test signal reading progress screen)

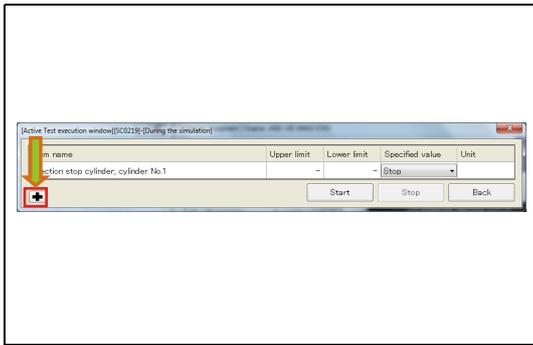


SHTS80ZZZ0600086

4. FROM THE LIST, SELECT THE ACTIVE TEST YOU WANT TO EXECUTE, SELECT OR ENTER THE INDICATED VALUE, AND PRESS THE [Select] BUTTON. (Select active test items window)

HINT

- Checking the box allows you to select multiple items.
- The selected and highlighted item is the one to be executed first.
- Double-clicking the item also displays the next screen.

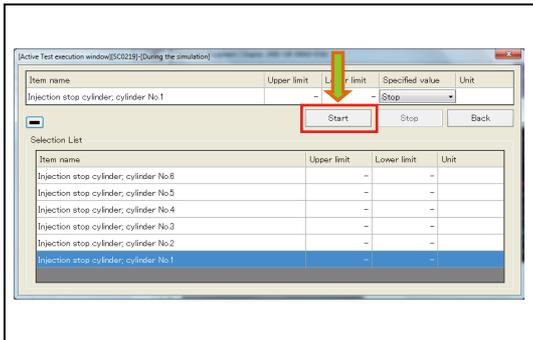


SHTS80ZZZ0600087

5. THE DISPLAY MOVES FROM THE ITEM LIST TO THE ACTIVE TEST EXECUTION DIALOG.
PRESSING THE [+] BUTTON DISPLAYS ITEMS OTHER THAN THOSE SELECTED IN 4 ABOVE.
(Active Test execution window)

HINT

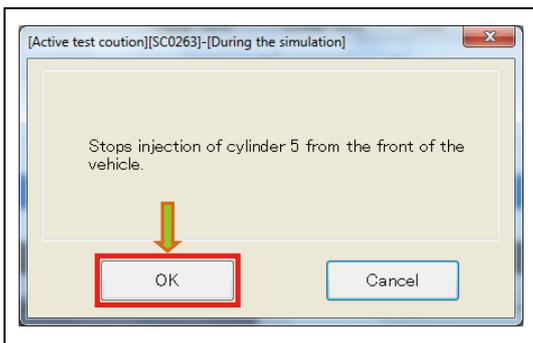
- For ECUs capable of simultaneous processing, the data monitor can be set and executed on this screen.
- To go back to the list and select another item, press the [Back] button.



SHTS80ZZZ0600088

6. THE SELECTION ITEM LIST IS DISPLAYED.
(Active Test execution window)

- (1) Clicking another item changes the execution target.
- (2) To execute the active test, press the [Start] button.

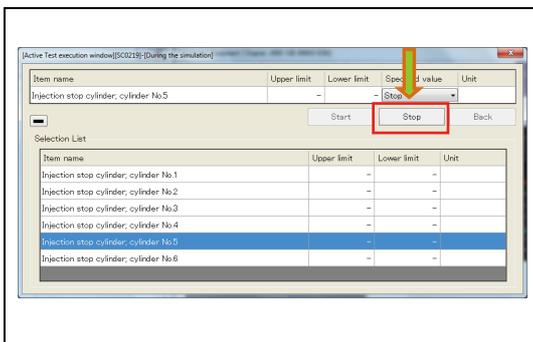


SHTS80ZZZ0600089

7. A WARNING BEFORE ACTIVE TEST EXECUTION APPEARS.
(Active Test execution window)

HINT

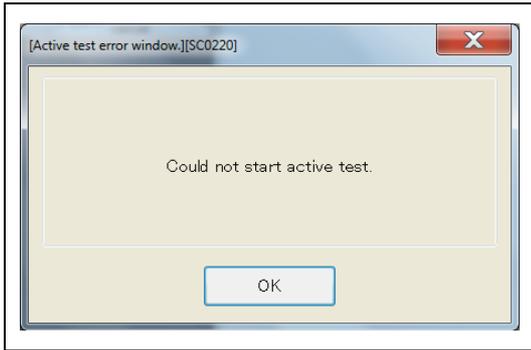
The screen may not be displayed depending on the item.



SHTS80ZZZ0600090

8. TO STOP THE ACTIVE TEST, PRESS THE [Stop] BUTTON.
(Active Test execution window)

WHEN AN ERROR MESSAGE APPEAR DURING ACTIVE TEST EXECUTION



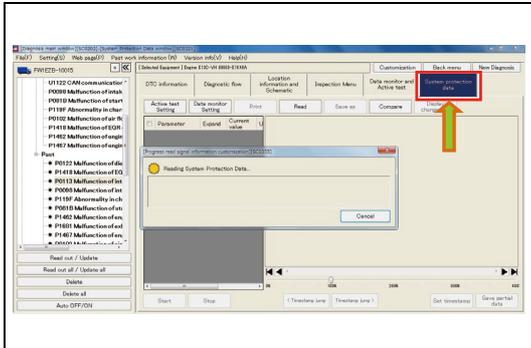
SHTS80ZZZ0600091

- Active test start error
Phenomenon: An error message appears immediately after an active test is executed.
Remedy: Check connections with the interface and vehicle and check that the key switch is ON.
- Active test execution error
Phenomenon: An error message appears suddenly during active test execution.
Remedy: Check the settings and connections. Note that an improper connection causes the message to appear.

PROTECTED DATA

PROTECTED DATA

EN01N80ZZZ060102008001

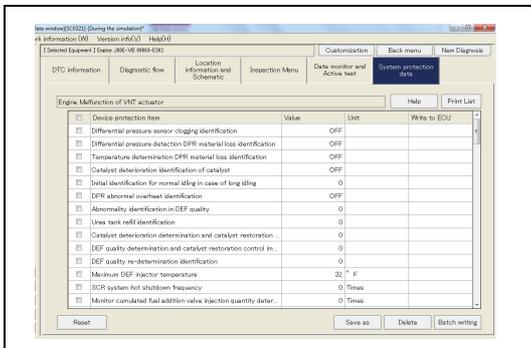


SHTS80ZZZ0600092

1. ON THE DISPLAYED TREE, SELECT THE "System" OR "DTC" AND FROM THE TAB LIST SHOWN TO THE RIGHT, SELECT THE [System protection data] TAB.

(Diagnosis main window)

- (1) Reading of protected data starts.

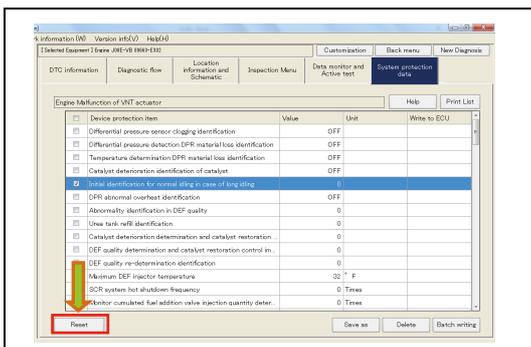


SHTS80ZZZ0600093

2. THE PROTECTED DATA SCREEN IS DISPLAYED.

HINT

When a DTC is selected, only the relevant items are displayed.

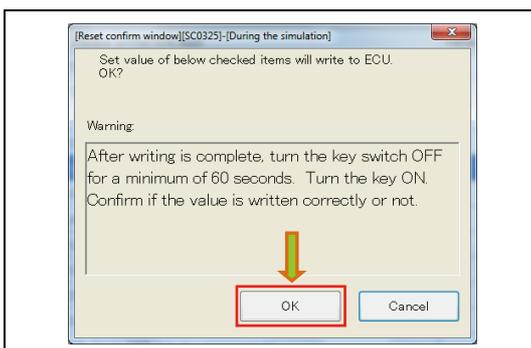


SHTS80ZZZ0600094

3. TO RESET THE PROTECTED DATA, CHECK THE ITEM YOU WANT TO RESET AND PRESS THE [Reset] BUTTON.

HINT

The default values previously set are reset.



SHTS80ZZZ0600095

4. THE CONFIRMATION SCREEN APPEARS. CONFIRM THE CONTENTS AND PRESS THE [OK] BUTTON.

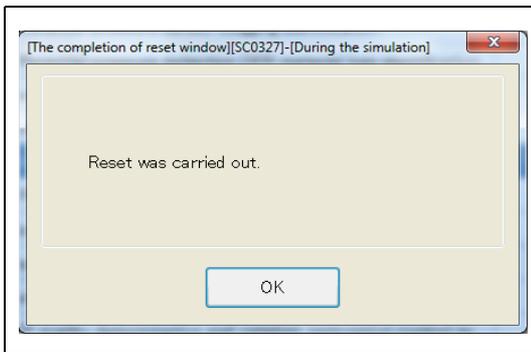
HINT

Pressing the [Cancel] button returns to the protected data screen.

**5. THE RESET COMPLETION SCREEN IS DISPLAYED.
(Reset confirm window)**

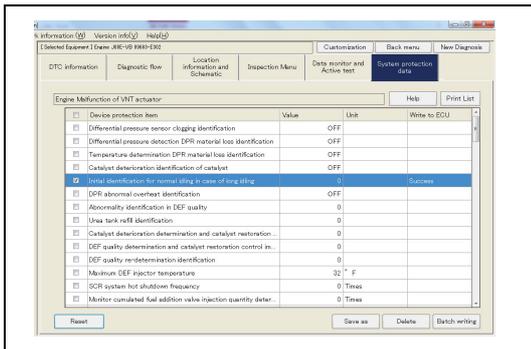
HINT

This message appears regardless of whether the writing is successfully completed or fails.



SHTS80ZZZ0600096

**6. FOR THE ITEMS FOR WHICH RESETTING IS SUCCESSFULLY COMPLETED, "Success" IS DISPLAYED, AND FOR THE ITEMS FOR WHICH RESETTING FAILS, "Fail" IS DISPLAYED.
(System protection data tab)**



SHTS80ZZZ0600097