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Model Year Start: 2016	Model: IS200T	Prod Date Range: [06/2014 - 10/2016]
Title: AUDIO / VIDEO: AUDIO AND VISUAL SYSTEM: DTC CHECK / CLEAR; 2015 - 2016 MY IS200T IS250 IS300 IS350 [06/2014 - 10/2016]		

DTC CHECK / CLEAR

CHECK DTC (CHECK USING TECHSTREAM)

- Connect the Techstream to the DLC3.
- Turn the engine switch on (IG).
- Turn the Techstream on.
- Enter the following menus: Body Electrical / Navigation System / Trouble Codes.

Body Electrical > Navigation System > Trouble Codes

- Check for DTCs, and then write them down.
- Check the details of the DTC(s).

Click here [INFO](#)

NOTICE:

The audio and visual system outputs DTCs for the following system. When DTCs other than those in Diagnostic Trouble Code Chart for the audio and visual system are output, refer to Diagnostic Trouble Code Chart for the relevant system.

SYSTEM	PROCEED TO
Parking Assist Monitor System	INFO

CLEAR DTC (CLEAR USING TECHSTREAM)

- Connect the Techstream to the DLC3.
- Turn the engine switch on (IG).
- Turn the Techstream on.
- Enter the following menus: Body Electrical / Navigation System / Trouble Codes.

Body Electrical > Navigation System > Clear DTCs

- Clear the DTCs.

START DIAGNOSTIC MODE

HINT:

- Illustrations may differ from the actual vehicle screen depending on the device settings and options. Therefore, some detailed areas may not be shown exactly the same as on the actual vehicle screen.
- If the system cannot enter diagnostic mode, inspect all AVC-LAN communication components and repair or replace the malfunctioning parts.

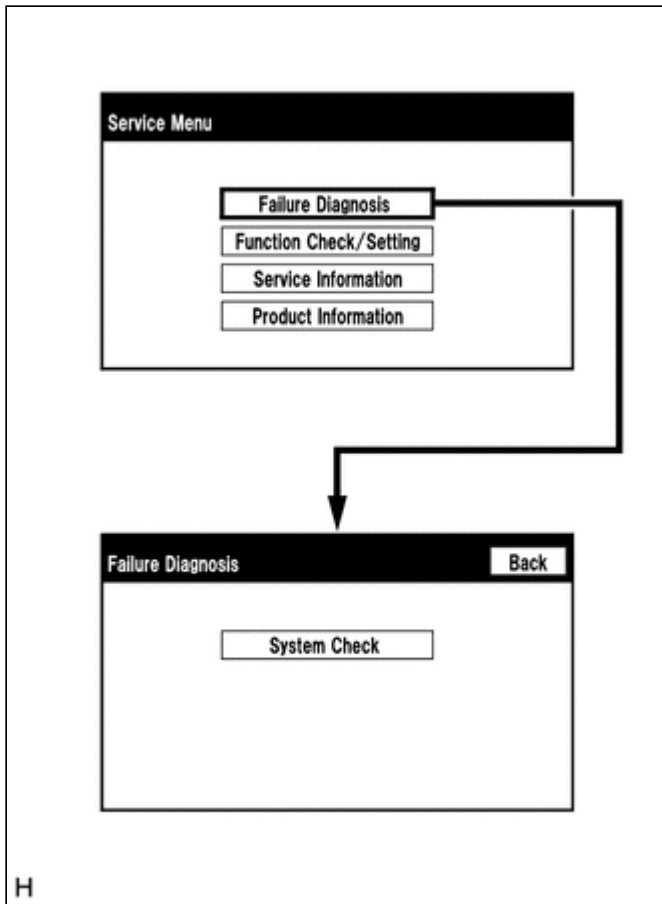
Click here [INFO](#)

- Start diagnostic mode at least 15 seconds after turning the engine switch on (IG). Otherwise, some items cannot be checked.
- Turn the engine switch on (IG).
 - While pressing and holding the "MENU" switch, operate the light control switch: Off → Tail → Off → Tail → Off → Tail → Off.

- (c) Diagnostic mode starts and the "Service Menu" screen will be displayed. Service inspection starts automatically and the result will be displayed.

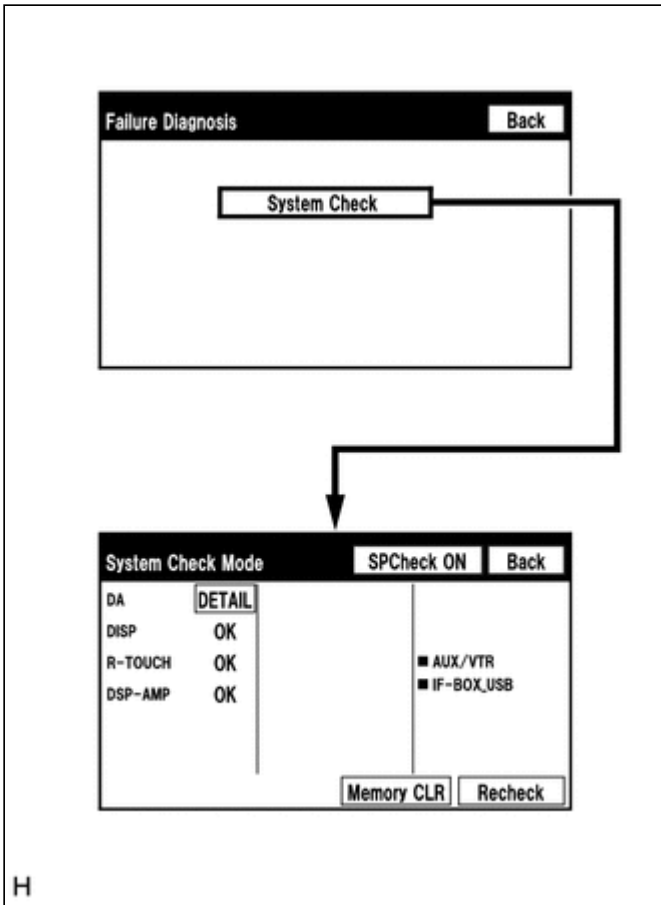
FAILURE DIAGNOSIS

- (a) The "Failure Diagnosis" screen will be displayed by selecting "Failure Diagnosis" on the "Service Menu" screen.



SYSTEM CHECK

- (a) The "System Check Mode" screen will be displayed by selecting "System Check" on the "Failure Diagnosis" screen.



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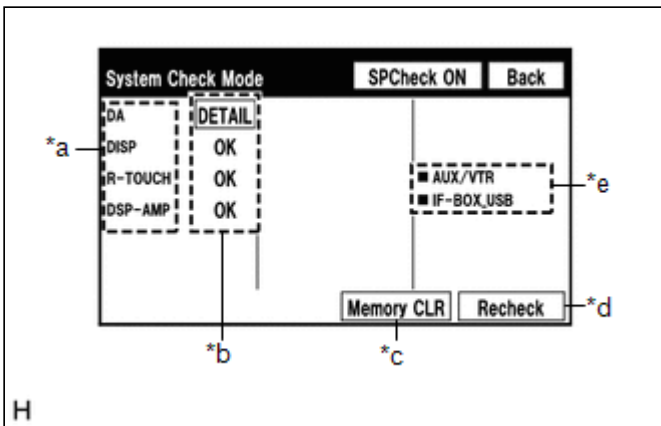
CHECK DTC (CHECK USING SYSTEM CHECK MODE SCREEN)

HINT:

When "NCON" is displayed for all devices connected through the AVC-LAN, or when all device names are not displayed, check if there is a short circuit in the AVC-LAN or devices connected to the AVC-LAN. Repair or replace parts as necessary.

Click here [INFO](#)

(a) System check mode screen description



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Screen Description

DISPLAY	CONTENT

DISPLAY	CONTENT
*a: Device name list No. 1	<ul style="list-style-type: none"> • Device Name List No. 1 displays some of the devices that make up the audio and visual system. • The names of the components from Device Name List No. 1 are shown in the following table.
*b: Check result	Result codes for all devices are displayed.
*c: Memory clear	<ul style="list-style-type: none"> • Present and history DTCs and registered connected device names are cleared. • Select "Memory CLR" for 3 seconds.
*d: Recheck	<ul style="list-style-type: none"> • A system check will be performed again after the memory is cleared. • "Recheck" will dim during a system check.
*e: Device name list No. 2	<ul style="list-style-type: none"> • Device Name List No. 2 displays some of the devices that make up the audio and visual system. • The names of the components from Device Name List No. 2 are shown in the following table.

***a: Device Name List No. 1 Description**

NAME	COMPONENT	CONNECTION METHOD
DA	Radio receiver assembly	-
DISP	Multi-display assembly	Communication line for AVC-LAN
R-TOUCH	Remote operation board	Communication line for AVC-LAN
DSP-AMP	Stereo component amplifier assembly	Communication line for AVC-LAN

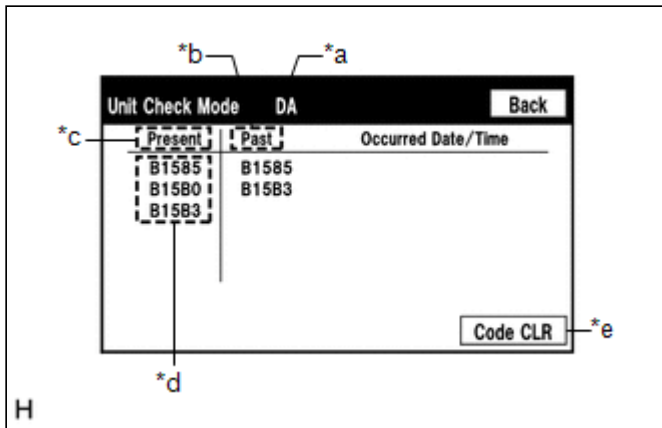
***b: Check Result Description**

RESULT	MEANING	ACTION
OK	The device does not respond with a DTC.	-
DETAIL	The device responds with a DTC.	Look up the DTC in "Unit Check Mode".
NCON	The device was previously present, but does not respond in diagnostic mode.	<ul style="list-style-type: none"> - Check power supply wire harness of the device. - Check the AVC-LAN of the device.
NRES	The device responds in diagnostic mode, but gives no DTC information.	<ul style="list-style-type: none"> - Check power supply wire harness of the device. - Check the AVC-LAN of the device.

***e: Device Name List No. 2 Description**

NAME	COMPONENT	CONNECTION METHOD
AUX/VTR	No. 1 stereo jack adapter assembly	Vehicle wire harness
IF-BOX_USB	No. 1 stereo jack adapter assembly	Communication line for USB

(b) Unit check mode screen description

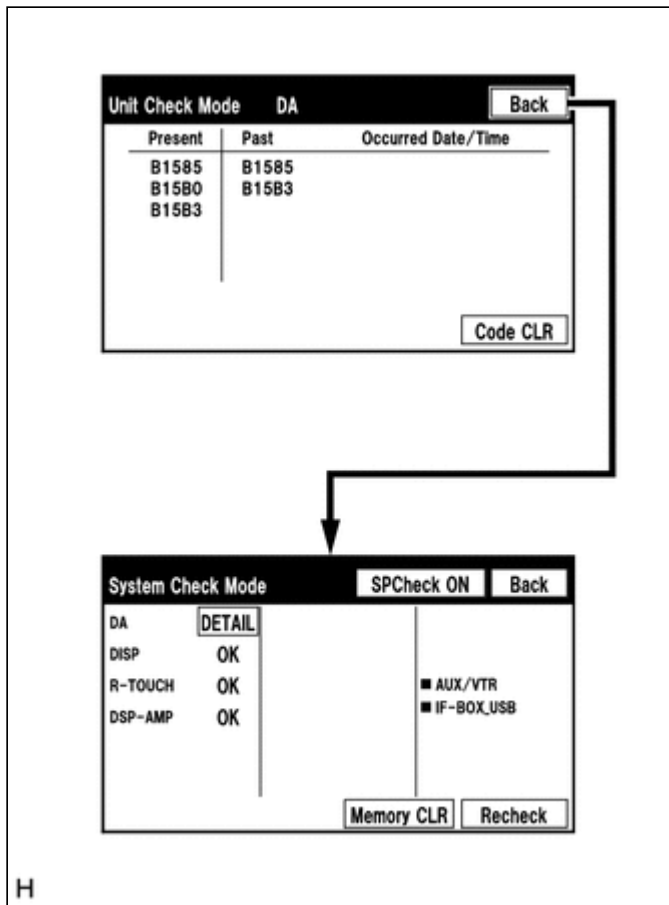
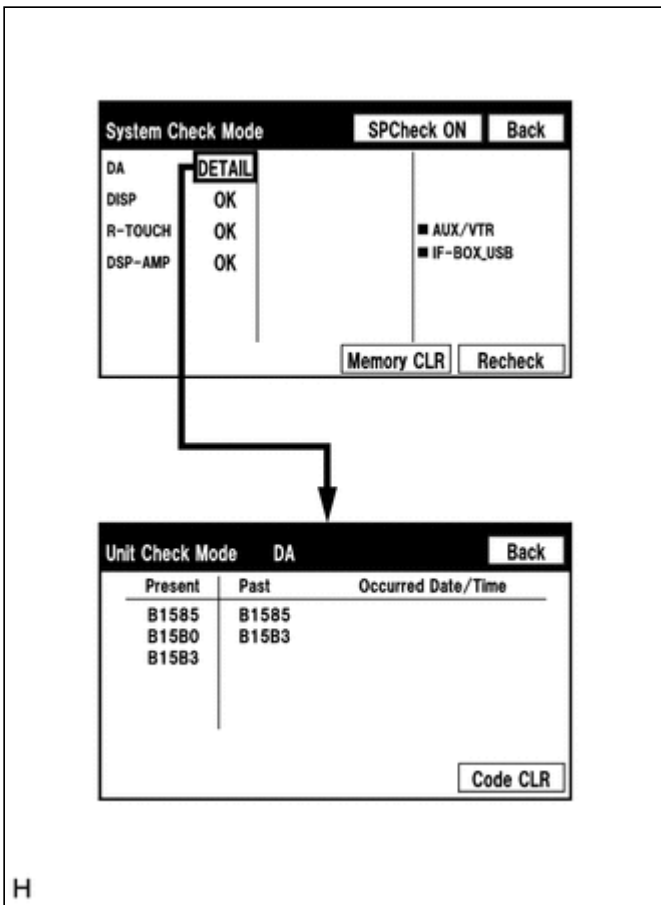
**Screen Description**

DISPLAY	CONTENT
*a: Device name	Target device
*b: History DTC	Diagnostic memory results and stored DTCs are displayed.
*c: Current DTC	DTCs output in the service check are displayed.
*d: DTC	DTC (Diagnostic Trouble Code)
*e: Diagnosis clear switch	Selecting "Code CLR" for 3 seconds clears the diagnostic memory data of the target device (both diagnostic system check result and the displayed data are cleared).

HINT:

- This screen is updated once per second.
- A maximum of 6 DTCs can be displayed for history and present DTCs.

(c) Read the system check result.



(1) If the check result is "DETAIL", select the displayed check result to view the results on the "Unit Check Mode" screen and record them.

NOTICE:

A maximum of 6 DTCs can be displayed for history and present DTCs on the "Unit Check Mode" screen. Therefore, when 6 DTCs are displayed, troubleshoot those DTCs first and then check the "Unit Check Mode" screen again to see if any other DTCs are displayed.

HINT:

- When all results are "OK", no DTCs are present.
- When proceeding to view the results of another device, press the "Back" switch to return to the "System Check Mode" screen. Repeat the step above to view the results of other devices.

(2) Check the details of the DTC(s).

Click here [INFO](#)

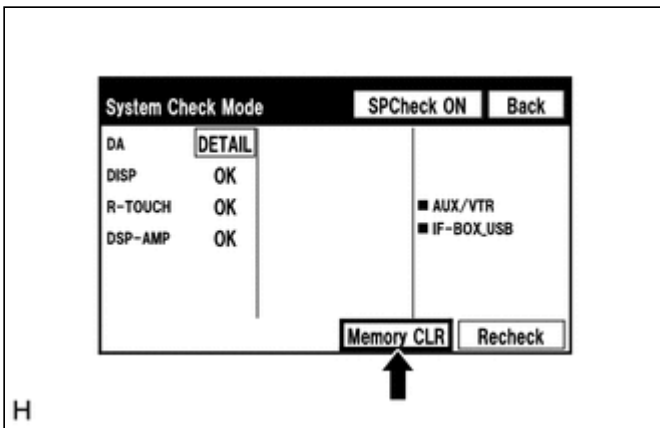
NOTICE:

The audio and visual system outputs DTCs for the following system. When DTCs other than those in Diagnostic Trouble Code Chart for the audio and visual system are output, refer to Diagnostic Trouble Code Chart for the relevant system.

SYSTEM	PROCEED TO
Parking Assist Monitor System	INFO

DTC CLEAR/RECHECK (CLEAR USING SYSTEM CHECK MODE SCREEN)

(a) Clear DTCs



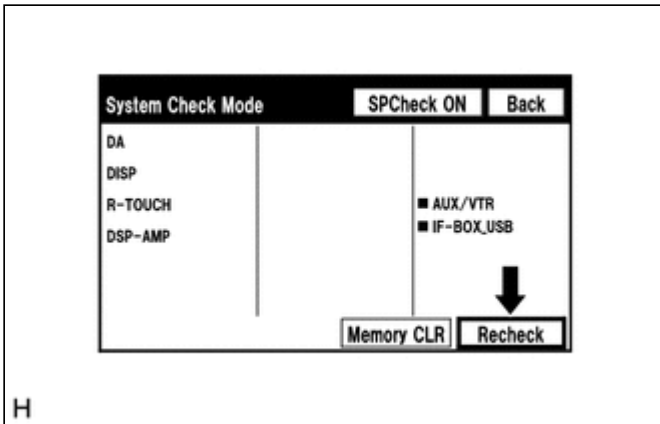
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- (1) Select "Memory CLR" for 3 seconds.
- (2) Confirm that the check results are cleared.

HINT:

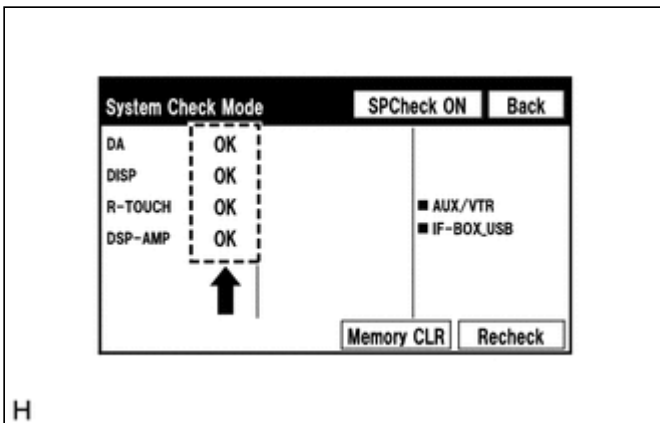
- To clear the DTCs for a specific device, clear the DTCs using the "Unit Check Mode" screen.
- When clearing DTCs using the "Unit Check Mode" screen, select "Code CLR" for 3 seconds.

- (b) Recheck



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- (1) Press the "Recheck" switch.
- (2) Confirm that all diagnostic codes are "OK" when the check results are displayed. If a result other than "OK" is displayed, perform troubleshooting again.



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HINT:

When the DTCs are cleared using the "Unit Check Mode" screen, select "Back" to return to the "System Check Mode" screen and perform this operation.

FINISH DIAGNOSTIC MODE

(a) Turn the engine switch off.

