

4. Multi-function Display (MFD) System

A: WIRING DIAGRAM

Refer to “Multi-function Display (MFD) System” in WI section. <Ref. to WI-300, WIRING DIAGRAM, Multi-function Display (MFD) System.>

B: ELECTRICAL SPECIFICATION

1. MULTI FUNCTION DISPLAY

Refer to “Control Module I/O Signal” of “INSTRUMENTATION/DRIVER INFO (DIAGNOSTICS)” section. <Ref. to IDI(diag)-7, ELECTRICAL SPECIFICATION, Control Module I/O Signal.>

C: OPERATION

1. DIAGNOSTIC MODE

The settings of the multi-function display can be changed by performing the following procedures to display the diagnostic mode. To show the demonstration display only, refer to “DEMONSTRATION DISPLAY”.

CAUTION:

- To avoid battery discharge, perform the procedure while charging the battery.
- While performing the work, close the front hood and all doors, and do not operate any electrical parts.
- Display can not be switched to diagnostic mode if the illumination control dial is set to the position for the dimming cancel function (maximum brightness).

1) Procedure

CAUTION:

Perform the steps described in (2) through (4) within 10 seconds.

- (1) Turn the ignition to ON, and within 3 seconds, turn the lighting switch to Switch 1 (TAIL) or Switch 2 (HEAD).
- (2) While keeping the lighting switch to Switch 1 (TAIL) or Switch 2 (HEAD) position, press the ENTER switch three times.
- (3) Turn the lighting switch to OFF, and press the ENTER switch three times.
- (4) Turn the lighting switch to Switch 1 (TAIL) or Switch 2 (HEAD) position again, and press the ENTER switch three times.
- (5) Go to “Diagnostic mode”.

NOTE:

- Except for the demonstration display setting of the diagnostic mode, the display will terminate by turning the ignition to OFF (ACC OFF) or by selecting “Back” from the menu screen.
- The demonstration display setting of the diagnostic mode will terminate by starting the engine or removing the battery. Even if the ignition is turned to OFF (ACC OFF), then to ON again, the diagnostic mode will not terminate.
- To select other menus from the demonstration display setting, terminate the diagnostic mode by starting the engine or removing the battery, then access to the diagnostic mode again.

2) Display menu

Change the display and settings from each menu.

Menu	Item	Remarks
Demonstration display setting	—	Shows demonstration display.
Vehicle status confirmation	• CAN communication	Displays the connection status of input signals.
	• U-ART communication	
	• Camera connection	
Rear camera settings	• Guide line adjustment	Adjust the guide line in the order of up/down, left/right and rotate, then select “Set” to determine.
	• Guide line display	Select “ON” or “OFF”, then select “Set” to determine.
	• Guide line reset	Select “Yes” or “No” to determine whether to restore to the default settings.
Customize	• Key operation sound	Select “ON” or “OFF”, then select “Set” to determine.
	• Correction of lifetime fuel economy value*	Adjust the fuel economy value within the range of -10 — +10 km/l, then determine the value with i/SET switch.
Back	—	Finish the diagnostic mode.

*: Correction of lifetime fuel economy value is used only when the multi-function display has been replaced. This function is provided as a compensation feature to bring the current lifetime fuel economy value to the one before the replacement of multi-function display.

2. DEMONSTRATION SCREEN DISPLAY

The demonstration screen can be displayed according to the following procedure.

CAUTION:

- While the ignition is OFF (ACC OFF), perform the steps described in 2) through 4) below within 10 seconds.
- To avoid battery discharge, perform the operation under the following condition.
 - Perform the operation while the battery is being charged.
 - While performing the operation and displaying the demonstration mode, do not operate any electrical parts.

- 1) Sit in the driver’s seat and close the door.
- 2) Open the driver’s door, and within 5 seconds, press the ENTER switch three times.
- 3) Close the driver’s door, and press the ENTER switch three times.
- 4) Open the driver’s door, and press the ENTER switch three times.
- 5) Close the driver’s door, and press the ENTER switch three times.
- 6) Go to “Demonstration screen display”.

NOTE:

The demonstration display will be cancelled in any of the following conditions.

- When 60 minutes elapsed since the demonstration mode started
- When the ignition is turned to ON
- When the ENTER switch is turned to ON for two seconds
- When the battery voltage is low

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3. ODO FUEL ECONOMY VALUE RESET

Follow the procedure below to initialize the ODO setting value.

- 1) Turn the ignition to ON, and press the ENTER switch for two seconds.
- 2) Select "Factory delivery setting" from "Setting screen".
- 3) Select "ODO setting reset" and determine with "Yes".
- 4) The screen that indicates the completion of the setting is displayed for three seconds. This is the end of operation.

NOTE:

- The resetting operation is confirmed twice. Select confirmation according to the screen.
- The display will terminate by turning the ignition to OFF (ACC OFF) or by selecting "Back" from the menu screen.

D: INSPECTION

Refer to "Basic Diagnostic Procedure" of "INSTRUMENTATION/DRIVER INFO (DIAGNOSTICS)" section.
<Ref. to IDI(diag)-2, Basic Diagnostic Procedure.>

E: NOTE

For procedure of each component in the Multi-Function Display (MFD) system, refer to the respective section.

- Multi-function display: <Ref. to IDI-20, MULTI FUNCTION DISPLAY, REMOVAL, Multi-function Display (MFD).>
- Multi-function display switch: <Ref. to IDI-21, MULTI-FUNCTION DISPLAY SWITCH, REMOVAL, Multi-function Display (MFD).>
- Rearview camera: <Ref. to ET-20, GPS Antenna.>