

2012 - Mazda6 - Body and Accessories

NO.10 LCD DOES NOT DISPLAY AT ALL [ENTIRE AUDIO SYSTEM]

10	LCD does not display at all	
Possible DTC	Audio unit (without display)	09:Er20, 16:Er12
	Audio unit (with display) or car-navigation unit	• Device code 09/error code 20 • Device code 16/error code 12
Possible cause	• Malfunction in audio unit power supply system • Display dimmed by panel light control switch operation • Audio unit /Car-navigation unit malfunction • Information display malfunction	

Diagnostic procedure

STEP	INSPECTION	ACTION
1	• Is sound output?	YesGo to the next step.
		No Go to the NO.2 AUDIO POWER IS NOT AVAILABLE OR SWITCHED ON OR OFF AUTOMATICALLY [ENTIRE AUDIO SYSTEM]
2	• Has the panel light control switch been operated?	YesGo to the next step.
		No The system is normal. (Explain to the customer that the illumination is turned off by the panel light control switch operation.)
3	• Inspect the information display. (See INFORMATION DISPLAY INPUT/ OUTPUT CHECK)	YesGo to the next step.
		No Replace the information display.

	MODE.) Does the LCD display properly?		
4	- Press either INFO switch on the information display. - Does the beep sound?	Yes	With audio unit (with display) - Go to the next step. With car-navigation unit or audio unit (without display) - Replace the audio unit/car-navigation unit. (See AUDIO UNIT REMOVAL/ INSTALLATION.) (See CAR-NAVIGATION UNIT REMOVAL/ INSTALLATION.)
		No	Replace both audio unit and information display. (CAN communication malfunction)
5	- Verify that all of the audio unit reset conditions for the customer's audio unit are met. (See AUDIO UNIT RESET PROCEDURE [ENTIRE AUDIO SYSTEM] .) - Are all of the audio unit reset conditions for the customer's audio unit met?	Yes	Perform the audio unit reset. (See AUDIO UNIT RESET PROCEDURE [ENTIRE AUDIO SYSTEM] .)
		No	Replace the audio unit. (See AUDIO UNIT REMOVAL/ INSTALLATION.)

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