

2012 - Mazda6 - Body and Accessories

NO.1 CD PLAYER/ CHANGER DOES NOT LOAD THE CD OR EJECTS THE CD IMMEDIATELY [CD PLAYER/ CHANGER]

1	CD player/changer does not load the CD or ejects the CD immediately	
Possible DTC	Audio unit (without display)	10:Er01, 22:Er01
	Audio unit (with display) or car-navigation unit	Device code 22/error code 01, 10
POSSIBLE CAUSE	• Insertion angle of disc incorrect • CD is inserted upside down • Defective CD (e.g., cracked, badly bent, rough edges, scratch, dirty CD, condensation) • Non-conventional discs (e.g., 8 cm (3 in) CD^{*1}, 8 cm (3 in) disc adapter^{*2}, heart-shaped disc, octagonal disc) • Deformed disc is used (e.g., out of specification (thickness), bent disc) • Poor connection of audio unit connector or terminal (e.g., damaged, bent, pulled-out pin, corrosion) • Audio unit malfunction • Car-navigation unit malfunction	

*1

with CD changer

*2

with CD player

Diagnostic procedure

STEP	INSPECTION	ACTION
1	• Verify the insertion angle of the disc. • Does a malfunction occur only when the insertion angle is tilted?	Yes The system is normal. (Explain to the customer that the cause is the insertion angle.)
		No Go to the next step.

2	Can the disc in which a malfunction occurs be specified?	Yes	The system is normal. (Explain to the customer that the cause is a disc that is damaged or dirty on the playback side, or warped.)
		No	Go to the next step.
3	Is CD inserted properly, label-side up?	Yes	Go to the next step.
		No	Explain to the customer that CD should be inserted into the slot, label-side up.
4	- Switch the ignition to off. - Inspect the connection of the audio unit/car-navigation unit connector (24-pin). - Inspect both audio unit/car-navigation unit connector and wiring harness-side connector for poor connection. (such as damaged/bent/pulled-out pins, corrosion) - All the pins and connector normal?	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	If the audio unit/ car-navigation unit connector/ pin is wrong: - Replace the audio unit/car-navigation unit. (See: AUDIO UNIT REMOVAL/ INSTALLATION.) (See: CAR-NAVIGATION UNIT REMOVAL/ INSTALLATION.) If the wiring harness-side connector/ pin is wrong: - Repair or replace the pins and/or the connector.
5	Verify that all of the audio unit reset conditions for the customer's audio	Yes	Perform the audio unit reset.

	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?		(See: AUDIO UNIT REMOVAL/ INSTALLATIONAUDIO UNIT RESET PROCEDURE [ENTIRE AUDIO SYSTEM] .)
		No	Replace the audio unit. (See: AUDIO UNIT REMOVAL/ INSTALLATION.)

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