

2012 - Mazda6 - Body and Accessories

NO.6 CANNOT TUNE (SEEK DOES NOT STOP) [RADIO]

6	Cannot tune (seek does not stop)	
Possible DTC	Audio unit (without display)	09:Er20
	Audio unit (with display)	Device code 09/error code 20
	Car-navigation unit	Device code 09/error code 20, 22
POSSIBLE CAUSE	- Center panel malfunction (without car-navigation system) - Electronic jamming from outside, or inferior condition of broadcasting station radio wave - Antenna plug poor connection - Antenna feeder malfunction - Audio unit malfunction - Car-navigation unit malfunction	

Diagnostic procedure

STEP	INSPECTION	ACTION
1	- Inspect if feel of SEEK switch is normal when switch is pushed and released. - Is it okay?	YesGo to the next step.
		No Perform confirmation step 1: audio panel switch confirmation. Replace center panel (without car-navigation system) or car-navigation unit if necessary.
2	Inspect indication of LCD.	YesGo to the next step.
		No Perform confirmation step 1: audio panel switch confirmation. Replace center panel (without car-navigation system) or car-

	Is frequency indication increased or decreased when SEEK switch is pushed?		navigation unit if necessary.
3	- Manually tune to local broadcasting station and check reception condition. - Is reception okay?	Yes	Go to Step 6.
		No	Go to the next step.
4	- Inspect antenna plug connection condition. - Is connection okay?	Yes	Go to the next step.
		No	Insert antenna plug securely.
5	- Switch the ignition to off. - Measure continuity between antenna feeder axis and ground. - Is there any continuity?	Yes	Replace antenna feeder.
		No	Go to the next step.
6	- Check if number of broadcasting stations changes depending on time and place. - Does it change?	Yes	The system is normal. (Explain to customer that SEEK sometimes does not stop depending on signal reception condition.) NOTE: Signals tend to reach longer distances in the night. It is conspicuous in AM signals, several audio functions may stop due to foreign broadcasting station or noise. Though the audio system restrains sensitivity of SEEK and SCAN functions in the night, the audio system may select other than desired broadcasting station when signals are considerably strong. This function is linked to the parking light.

			When the parking light or headlight is turned on, SEEK and SCAN may not function for weak signals.
		No	Replace audio unit/car-navigation unit. (See AUDIO UNIT REMOVAL/ INSTALLATION.) (See CAR-NAVIGATION UNIT REMOVAL/ INSTALLATION.)

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