

2012 - Mazda6 - Body and Accessories

CONFIRMATION STEP 1: RECEPTION CONDITION SYMPTOM (EXAMPLE) [RADIO]

Symptom	Antenna signal condition	Source
Only a buzzing sound from the speakers	• There is no broadcasting wave. • Signals from antenna to audio unit/car-navigation unit are not transmitted.	• Electric noise caused by the operation of internal circuit from audio unit/car-navigation unit itself • Atmosphere noise
A buzzing or crunching sound and normal sound produced at the same time from the speakers	• Though signals are transmitted from antenna to audio unit/car-navigation unit, electric noise from other sources is larger.	• Electrical noise caused by operation of electrical component on vehicle • Electrical noise from high tension wire, transformer substation (factory), electrical feeder line (street car), or motorcycle.
A thumping sound and normal sound produced at the same time from the speakers (FM only)	• Noise occurs due to radio wave environment at specific places (e.g. in valleys between buildings). Noise varies when own vehicle or surrounding vehicles moves. (FM only)	• Interference between direct and reflected waves of FM signals causes noise (Multipass noise).

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