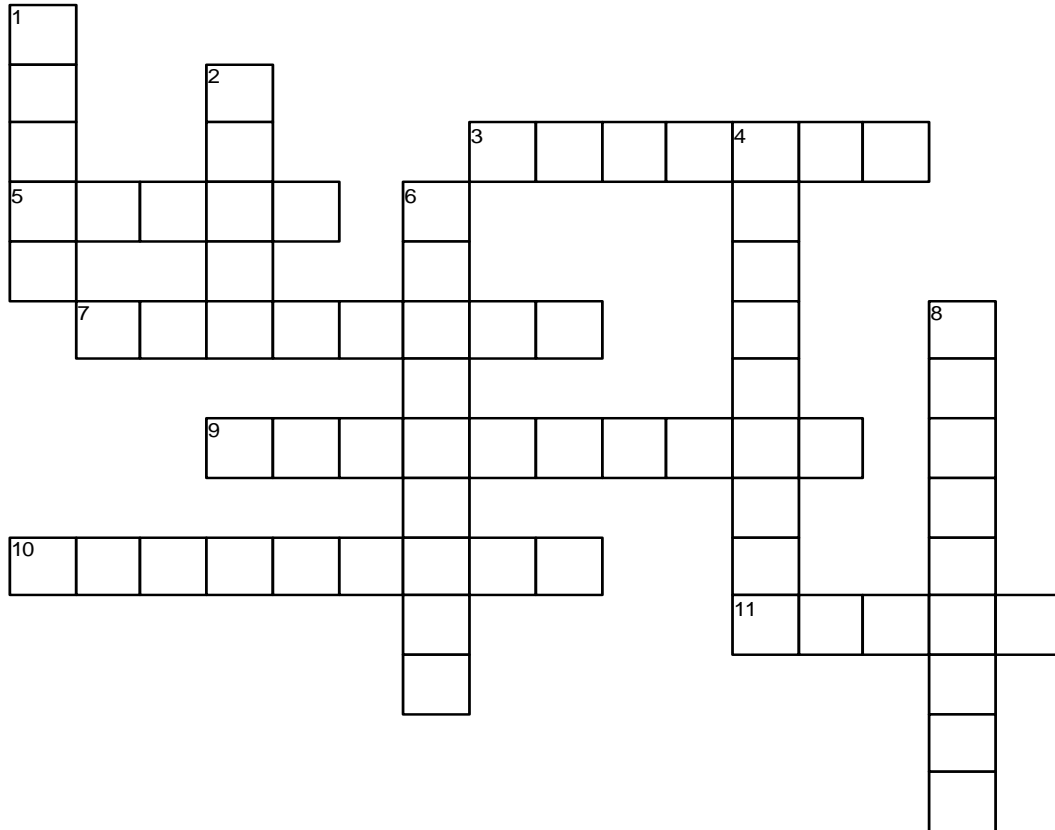


Automotive Electrical and Engine Performance 9th Edition

Chapter 22 - Audio System Operation and Diagnosis



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ACROSS

- 3 _____ (dB): A unit of measurement for sound power and intensity.
- 5 _____ Frequency (RF): The range of electromagnetic frequencies used for radio communication.
- 7 Components that convert electrical signals into sound waves, providing audio output.
- 9 The process of adding information to a constant frequency wave, such as AM or FM, to transmit data.
- 10 The number of times a waveform repeats itself in a given amount of time, measured in hertz (Hz).
- 11 _____ (Hz): The unit of measurement for frequency, representing one cycle per second.

DOWN

- 1 _____ (Satellite Digital Audio Radio Service): A digital radio service that transmits audio signals from satellites to receivers on the ground.
- 2 recognition: A system that interprets spoken commands to control vehicle functions or communication devices.
- 4 A short-range radio frequency standard used for wireless communication between devices such as phones and vehicle systems.
- 6 _____ Modulation (FM): A type of radio modulation where the frequency of the carrier wave is varied to carry information.
- 8 _____ Modulation (AM): A type of radio modulation where the amplitude of the carrier wave is varied to carry information.