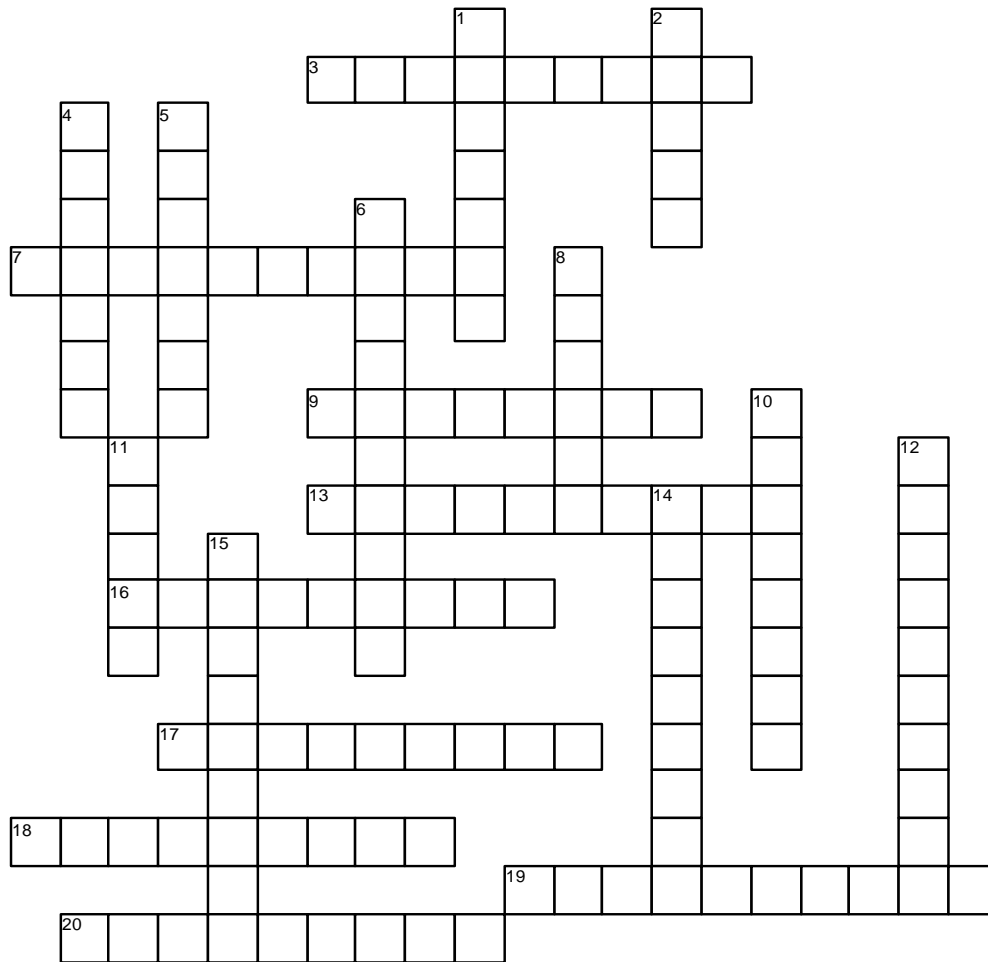


Audio System Operation And Diagnosis

Chapter 59



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ACROSS

- 3 A _____ produces the lowest frequency of sounds, usually 125 Hz and lower.
- 7 A _____, which is a coil of wire, can also be used to reduce or eliminate radio interference.
- 9 Be careful when installing additional audio equipment on a GM vehicle system that uses a two-wire speaker connection called a _____ ground system.
- 13 Another name for a powerline capacitor is _____ capacitor.
- 16 A _____ is designed to separate the frequency of a sound and send a certain frequency range, such as low bass sounds, to a woofer designed to reproduce these low-frequency sounds.
- 17 _____ is the number of times a particular waveform repeats itself in a given amount of time.
- 18 _____ modulation waves are radio waves that have amplitude that can be varied, transmitted, and detected by a receiver.
- 19 A _____ is the time and distance between two consecutive points, either high or low.
- 20 The range of a typical _____ device is 33 feet.

DOWN

- 1 A _____ is a speaker designed to reproduce high-frequency sounds, usually between 4,000 and 20,000 Hz.
- 2 Frequency is measured in _____.
- 4 The purpose of any _____ is to reproduce the original sound as accurately as possible.
- 5 A _____ is a measure of sound power, and it is the faintest sound a human can hear in the midband frequencies.
- 6 _____ is the term used to describe when information is added to a constant frequency.
- 8 _____ crossovers use an external power source and produce superior performance.
- 10 A _____ filter is used to transfer higher frequency to smaller speakers.
- 11 _____ recognition allows the driver of a vehicle to perform tasks, such as locate an address in the navigation system by using _____ commands rather than buttons.
- 12 When a high-frequency signal is transmitted through a wire, the majority of it travels on the outside surface of the wire, this is called _____.
- 14 All speakers used on the same radio or amplifier should have the same internal coil resistance, called _____.
- 15 A _____ capacitor provides electrical reserve energy needed by the amplifier to provide deep base notes.