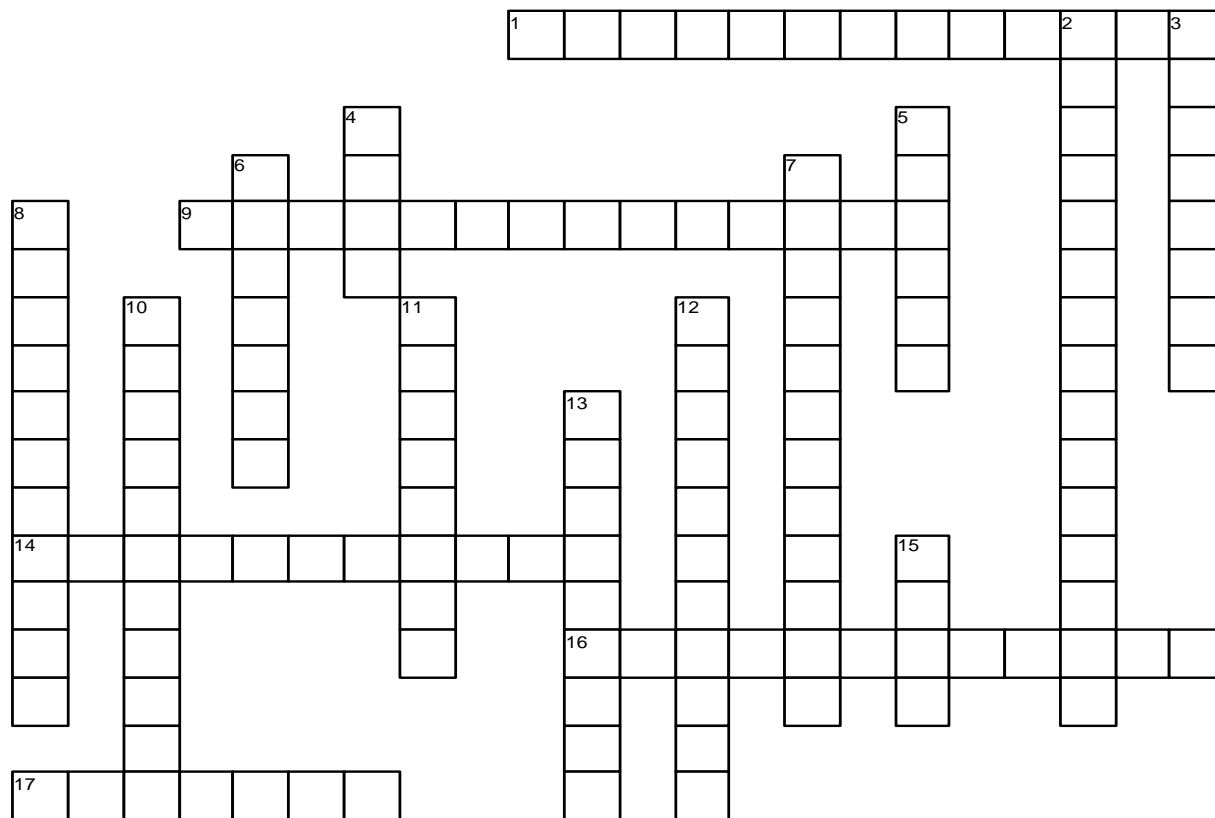


Security And Immobilizer Systems

Chapter 55



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ACROSS

- 1 The _____ entry is part of the key fob and has a battery to power the transmitter.
- 9 RFID is the abbreviation for the security system _____ identification.
- 14 A typical _____ system consist of transponder key, coil antenna, key reminder switch, separate immobilizer module, PCM, and security light.
- 16 _____ protection is a security system that includes sensors that detect glass breakage or entry into the vehicle and sounds an alarm when these occur.
- 17 The coil _____ in the key consist of a copper coil wound up in a ring case and an integrated circuit to create a high-frequency alternating voltage for the inductive coupling.

DOWN

- 2 In an immobilizer system, when the ignition key is inserted, the transceiver sends out an _____ energy pulse.
- 3 The transceiver is usually mounted to the _____ column assembly.
- 4 Beginning in 1998, Chrysler started a security

system which is abbreviated _____.

- 5 A _____ is the object that is a decoration on a key ring and usually contains a transmitter used to unlock a vehicle.
- 6 Newer General Motors antitheft systems include the _____ 1.
- 7 The purpose and function of a security system on a vehicle is to prevent the _____ use (theft) of the vehicle.
- 8 A _____ is inside the vehicle and receives the signal transmitted by the transponder in the key.
- 10 To diagnose an immobilizer system, use a factory or enhanced factory-level _____ scan tool and retrieve the diagnostic trouble codes, then follow the specified diagnostic procedures.
- 11 Normal operation of the _____ light includes a self-test and flashes a few times, then goes out.
- 12 A _____ has an antenna, which consist of a coil of wire, as well as a circuit board containing the processing electronics and data memory.
- 13 A _____ contains the unique internal identification (ID) number.
- 15 Ford uses a responder key for their antitheft system, which is abbreviated _____.