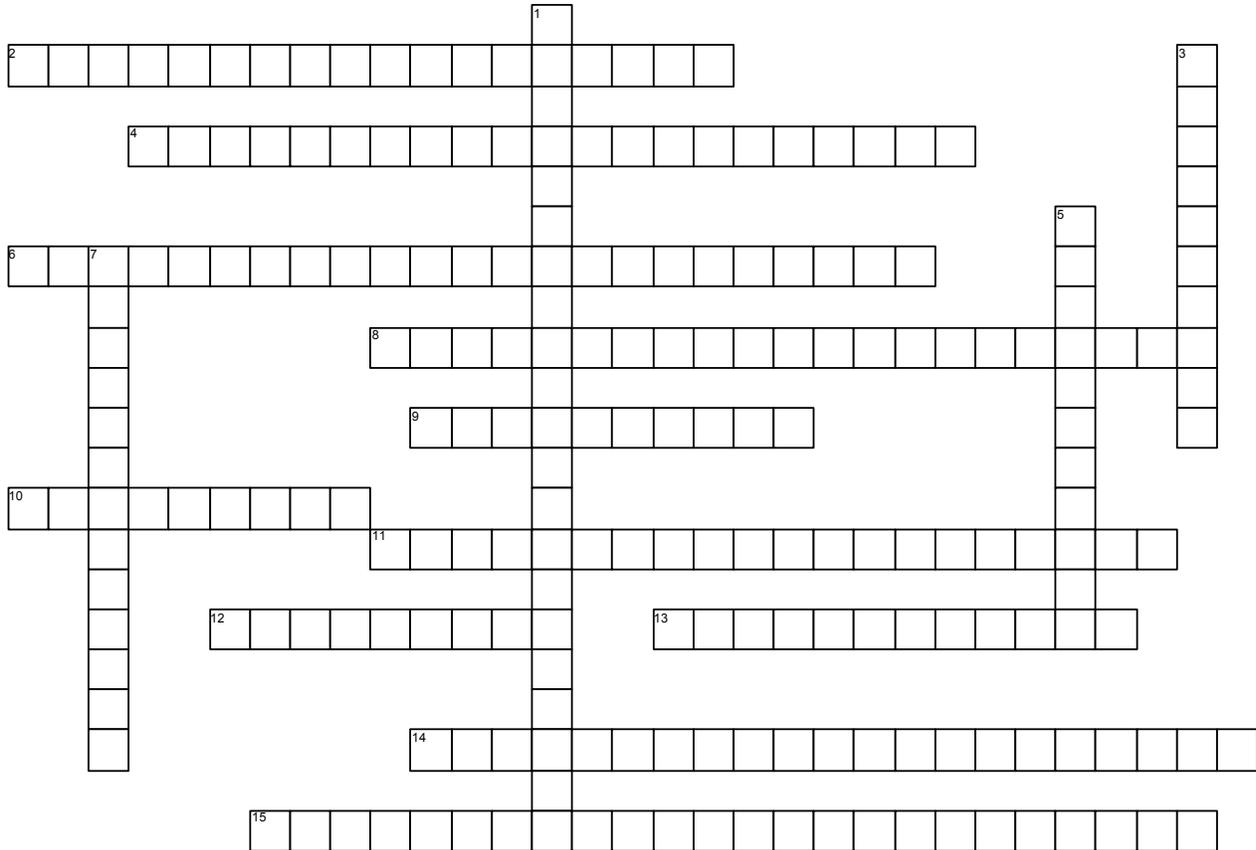


# Automatic Air-Conditioning System Operation

## Chapter 63



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### ACROSS

- 2 Each \_\_\_\_\_ contains a feedback potentiometer, which is used by the air conditioning control unit to indicate the actual position of the valve or door.
- 4 A \_\_\_\_\_ is able to provide three air door positions, such as the bi-level door, which could allow defrost only, floor only, or a mixture of the two.
- 6 \_\_\_\_\_ allow the driver and the passenger to select different temperatures, as much as a 30°F (17°C) difference.
- 8 \_\_\_\_\_ systems need to be different than conventional systems because the engine stops when at idle if the engine is warm.
- 9 The most common type of sunload sensor is a \_\_\_\_\_.
- 10 \_\_\_\_\_ is a term used to describe the operation of the blower motor after the ignition has been turned off.
- 11 A \_\_\_\_\_ is able to move either open or closed.
- 12 The \_\_\_\_\_ is located at the outlet of the vents.
- 13 Most \_\_\_\_\_ use resistors to control the speed of the motors by dropping the amount of current flow through the motor at the lower speed.
- 14 \_\_\_\_\_ use vacuum created in the intake manifold of the engine.
- 15 A \_\_\_\_\_ is capable of positioning a valve in any position.
- 3 \_\_\_\_\_ which is an air filter in the outside air inlet.
- 7 Air to the sensor was forced to flow past the sensor by using an \_\_\_\_\_, which was connected to the blower motor case.

### DOWN

- 1 The \_\_\_\_\_ sensor senses the outside air.
- 3 Automatic air-conditioning systems are usually called \_\_\_\_\_.
- 5 Most late-model air-conditioning systems include a \_\_\_\_\_.