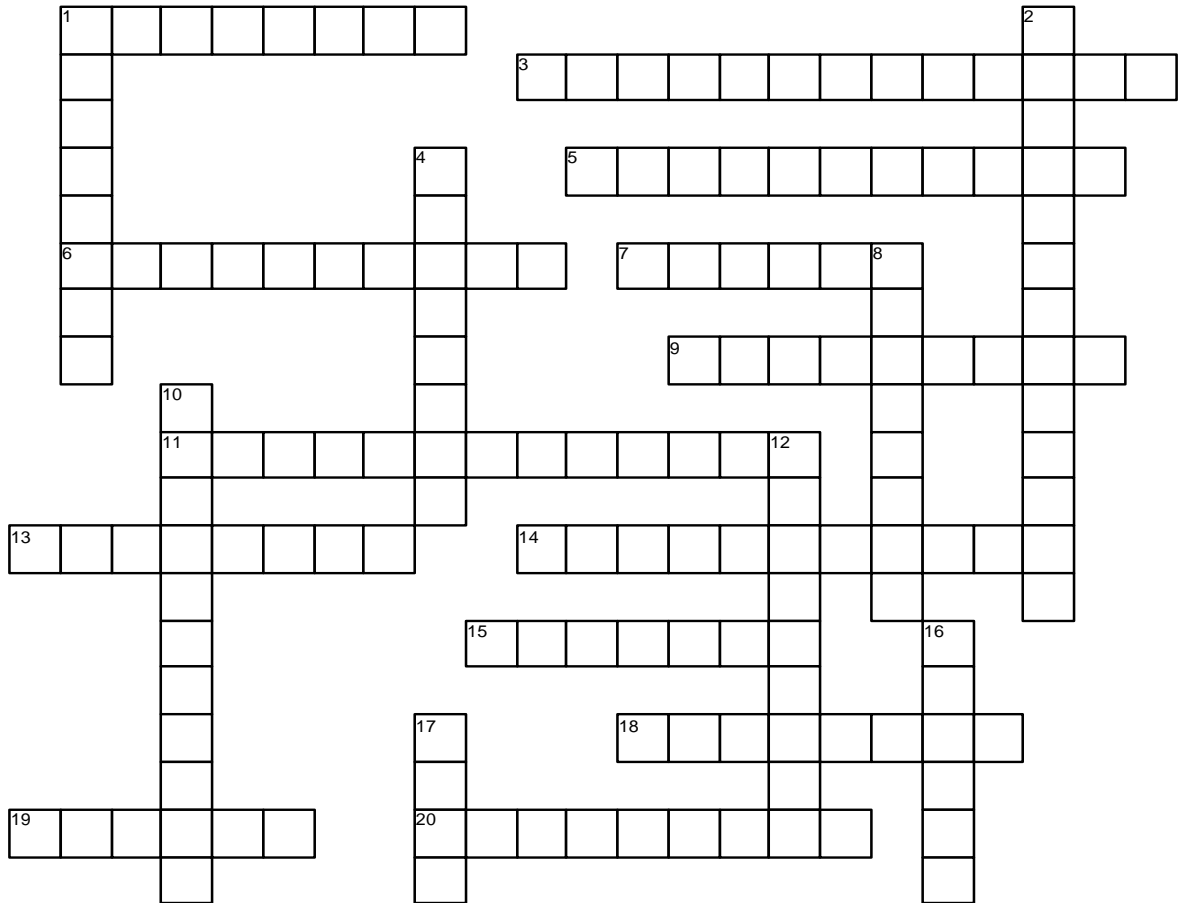


Air Management System

Chapter 24



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ACROSS

- 1 The ____ ____ control is also called the fresh air door, recirculation door, or the outside air door.
- 3 _____ is sometimes called inside air.
- 5 The _____-blend door is used to adjust air temperature.
- 6 _____ is often called fresh air.
- 7 Many vehicles use _____ actuators to operate the air inlet mode doors.
- 9 _____ is usually called recirculation.
- 11 A system that contains the HVAC plenum, ducts, and air doors is called the _____ system.
- 13 The fan switch controls the path of current through a _____ pack to obtain different fan speeds of the blower motor.
- 14 The same _____ moves air inside the vehicle for air conditioning, heat, defrosting, and defogging.
- 15 A typical ____-____ actuator rotates when the electric impulses are sent to the brushes by the HVAC control head.
- 18 The "blower" motor turns a _____ cage-type fan.
- 19 Most HVAC systems are considered _____ systems in that the incoming air is chilled as it passes through

the evaporator.

- 20 The outside ____ must be kept in good condition to prevent debris and small animals from entering the HVAC case.

DOWN

- 1 ____ are part of the air management system.
- 2 Cabin filters are also called _____.
- 4 ____-____ air distribution allows the driver and passenger to select different temperature settings.
- 8 The ____ is used to select air discharge location.
- 10 Most HVAC systems include a _____ to remove small dust or pollen particles from the incoming airstream.
- 12 A typical ____-____ actuator uses a power, ground, and an input signal wire from the HVAC control module.
- 16 The housing, called the _____, is connected to the air inlets and outlets using formed plastic.
- 17 Most systems use a ____ door that swings about 45 to 90 degrees. Swinging doors are very simple and require little maintenance.