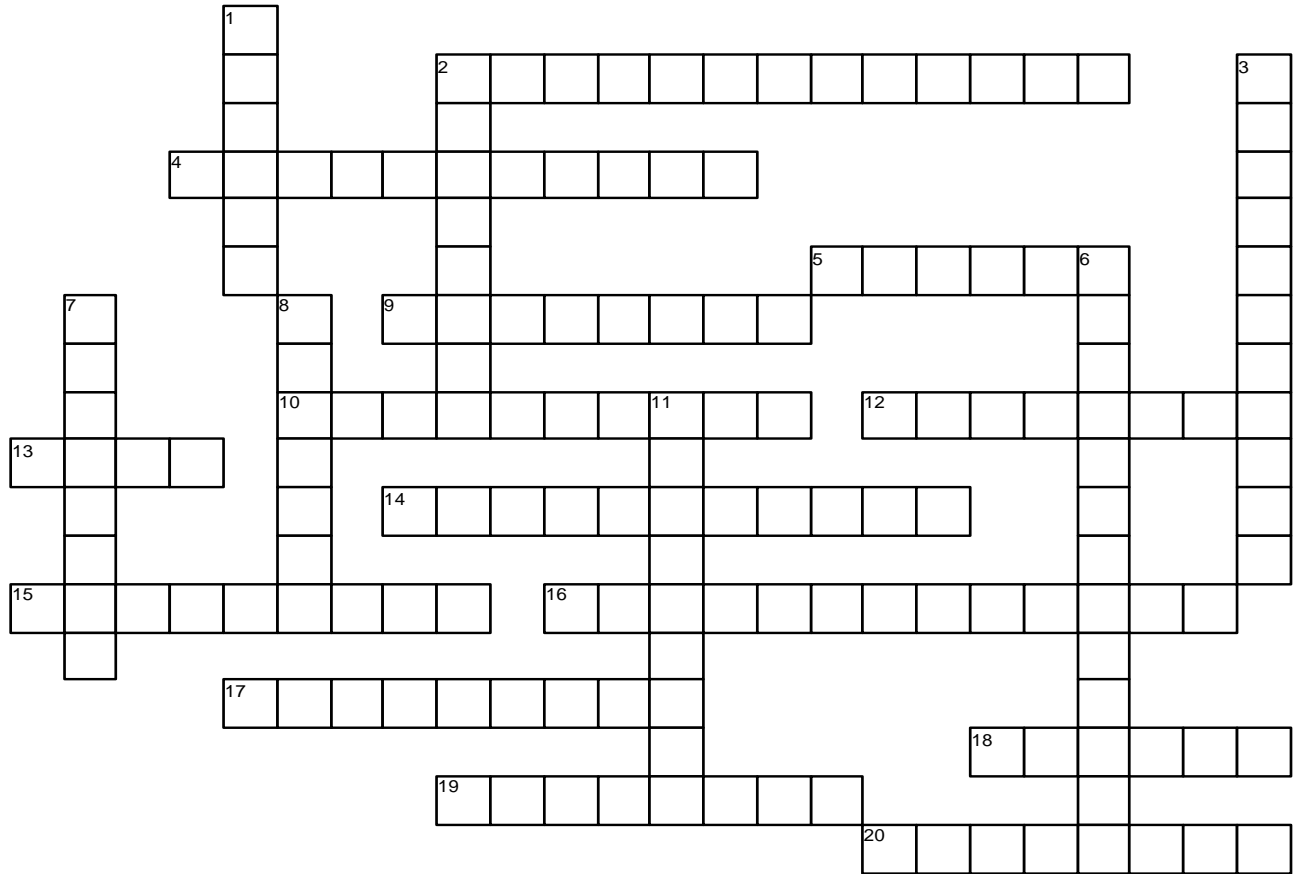


# Air Management System

## Chapter 62



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### ACROSS

- 2 A system that contains the HVAC plenum, ducts, and air doors is called the \_\_\_\_\_ system.
- 4 The \_\_\_\_\_-blend door is used to adjust air temperature.
- 5 Many vehicles use \_\_\_\_\_ actuators to operate the air inlet mode doors.
- 9 The \_\_\_\_\_ is used to select air discharge location.
- 10 \_\_\_\_\_ is often called fresh air.
- 12 The "blower" motor turns a \_\_\_\_\_ cage-type fan.
- 13 Most systems use a \_\_\_\_\_ door that swings about 45 to 90 degrees. Swinging doors are very simple and require little maintenance.
- 14 The same \_\_\_\_\_ moves air inside the vehicle for air conditioning, heat, defrosting, and defogging.
- 15 \_\_\_\_\_ is usually called recirculation.
- 16 \_\_\_\_\_ is sometimes called inside air.
- 17 A typical \_\_\_\_\_-\_\_\_\_\_ actuator uses a power, ground, and an input signal wire from the HVAC control module.
- 18 The housing, called the \_\_\_\_\_, is connected to

the air inlets and outlets using formed plastic.

- 19 The \_\_\_\_\_ control is also called the fresh air door, recirculation door, or the outside air door.
- 20 The fan switch controls the path of current through a \_\_\_\_\_ pack to obtain different fan speeds of the blower motor.

### DOWN

- 1 Most HVAC systems are considered \_\_\_\_\_ systems in that the incoming air is chilled as it passes through the evaporator.
- 2 \_\_\_\_\_ are part of the air management system.
- 3 Most HVAC systems include a \_\_\_\_\_ to remove small dust or pollen particles from the incoming airstream.
- 6 Cabin filters are also called \_\_\_\_\_.
- 7 \_\_\_\_\_-\_\_\_\_\_ air distribution allows the driver and passenger to select different temperature settings.
- 8 A typical \_\_\_\_\_-\_\_\_\_\_ actuator rotates when the electric impulses are sent to the brushes by the HVAC control head.
- 11 The outside \_\_\_\_\_ must be kept in good condition to prevent debris and small animals from entering the HVAC case.