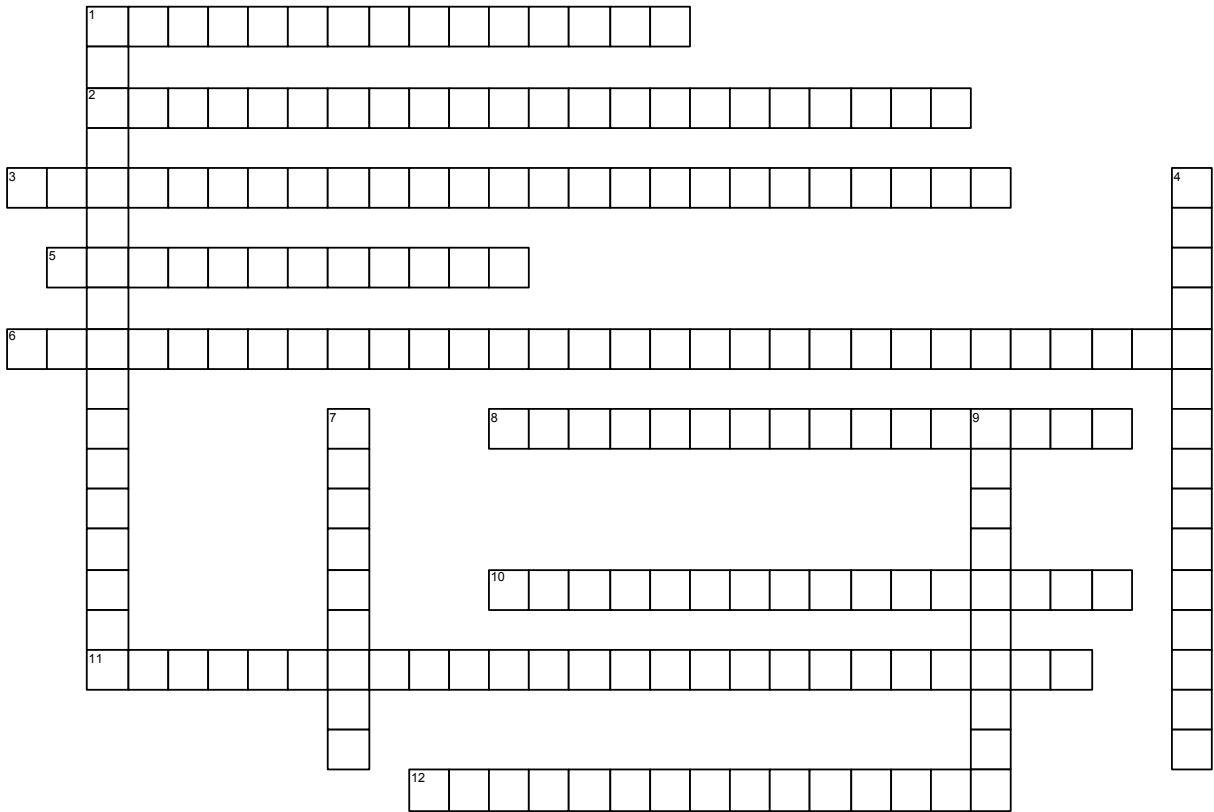


# A/C System Diagnosis and Repair

## Chapter 15



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### ACROSS

- 1 Many evaporators have a chemical coating to prevent \_\_\_\_\_ that can cause bad odors.
- 2 Step 3 of the diagnostic process is to check for \_\_\_\_\_.
- 3 \_\_\_\_\_ are issued by vehicle and aftermarket manufacturers to inform technicians of a situation or technical problem and give the corrective steps and a list of parts needed to solve the problem.
- 5 Because the compressor is mounted on and driven by the engine and the condenser is mounted to the body, these lines can break if the \_\_\_\_\_

- \_\_\_\_\_ are defective.
- 6 While checking the hoses and lines, determine if the system uses a TXV or an OT system and if a \_\_\_\_\_ is used.
  - 8 The \_\_\_\_\_ is directly related to the amount of heat that needs to be removed, and the heat transfer at the condenser.
  - 10 Most vehicle manufacturers specify that the first step after the customer concern has been verified is that a \_\_\_\_\_ be performed.
  - 11 Some manufacturers install an \_\_\_\_\_, the \_\_\_\_\_, the A/C control module is programmed to operate the blower for a drying

- cycle after the car is shut off.
- 12 \_\_\_\_\_ indicates the boiling point of the temperature of the evaporator.

### DOWN

- 1 Many HVAC systems are controlled by the \_\_\_\_\_.
- 4 Another name for the EED is the \_\_\_\_\_.
- 7 Another problem can be \_\_\_\_\_, in which a vibrating metal A/C line contacts another surface.
- 9 If the system is low on refrigerant, it will \_\_\_\_\_, or rapidly cycle out and back in.