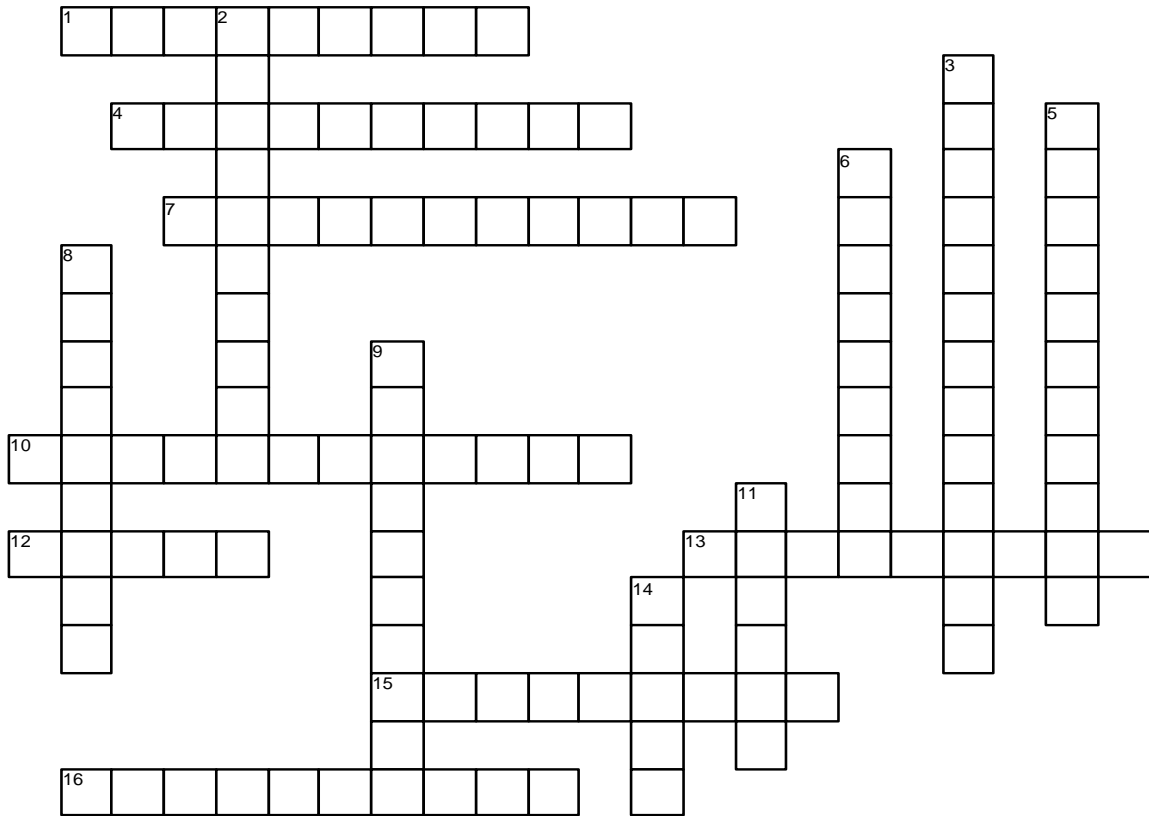


# Air-Conditioning System Diagnosis and Service

## Chapter 66



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### ACROSS

- 1 Some manufacturers install an electronic evaporator dryer (EED), also called an \_\_\_\_\_-\_\_\_\_\_ module.
- 4 Restricted airflow through the \_\_\_\_\_ can be detected by using pressure gauges and/or differential temperature measurements across components.
- 7 Many HVAC systems are controlled by the \_\_\_\_\_ module (BCM).
- 10 \_\_\_\_\_ is a condition that can be detected by using pressure gauges and looking at both the low-side and high-side pressure.
- 12 The \_\_\_\_\_ step in the strategy-based diagnosis process is to find the root cause of the customer concern.
- 13 The \_\_\_\_\_ in the strategy-based diagnosis process is to perform an A/C performance test, which is used to determine if the system is capable of performing as designed.
- 15 The fourth step in the strategy-based diagnosis process is to check \_\_\_\_\_ service bulletins (TSBs).
- 16 A \_\_\_\_\_ or dirty condensor can be detected by using pressure gauges and/or differential temperature measurements across components.

### DOWN

- 2 Some manufacturers install an electronic \_\_\_\_\_ dryer (EED), also called an after-blow module.
- 3 When diagnosing a heating and air-conditioning system problem, most vehicle manufacturers recommend a following \_\_\_\_\_-\_\_\_\_\_ diagnosis.
- 5 \_\_\_\_\_ is a condition that can be detected by using pressure gauges and looking at both the low-side and high-side pressure.
- 6 \_\_\_\_\_ problems also occur when the exhaust pipes make metal-to-metal contact with the vehicle body.
- 8 A restricted \_\_\_\_\_ device (TXV or OT) can be detected by using pressure gauges and looking at both the low-side and high-side pressure and/or differential temperature measurements across components.
- 9 trouble codes (DTC)
- 11 A \_\_\_\_\_ inspection of the underhood items includes checking the condition of the A/C compressor drive belt.
- 14 The A/C system is the potential source for several \_\_\_\_\_ problems, and the compressor and clutch are the main culprits.