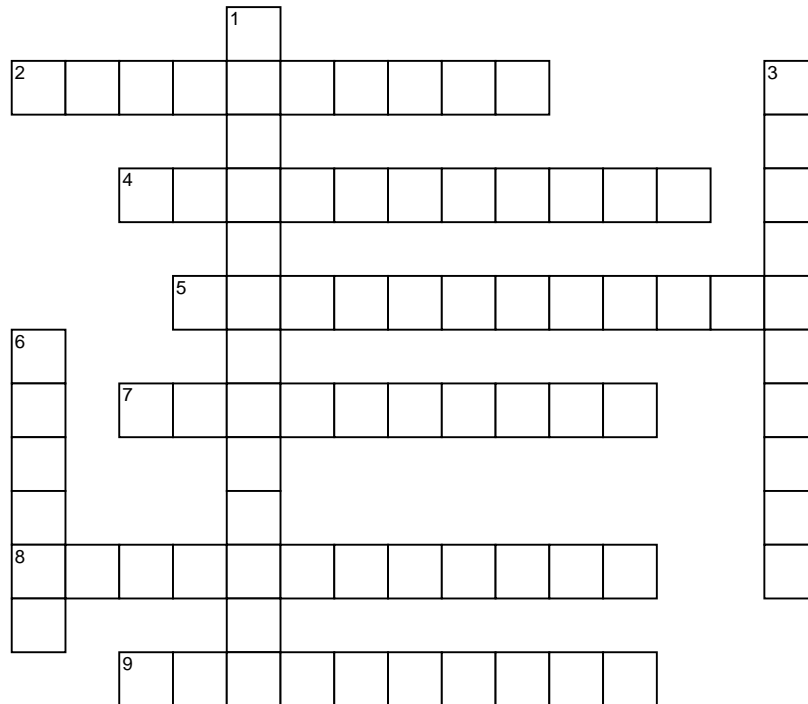


Chapter 5

A/C System Components, Operation, and Service



ACROSS

- 2 The _____ connects the condenser outlet to the receiver–drier and TXV or OT.
- 4 The _____ connects the evaporator outlet to the accumulator or compressor and has the largest diameter because it transfers a low-pressure vapor.
- 5 The nonpermeable nylon layer forms a leak-proof barrier commonly called _____.
- 7 The _____ allows observation of the refrigerant flow as it leaves the receiver–drier.
- 8 Some manufacturers use a _____ also called captured O-ring, which locates the O-ring more positively in a shallow groove.
- 9 A _____ is commonly used to sense temperatures. It is basically an electrical resistor that changes resistance in inverse relationship to its temperature.

DOWN

- 1 Starting at the compressor, the _____, sometimes called the hot gas line, connects the compressor to the condenser inlet.
- 3 A _____ senses pressure and changes a variable pressure signal into a variable electrical signal.
- 6 The thermal expansion block valve is another type of TXV. It is called an _____ or an H-valve. The H-block design uses four passages and controls the refrigerant flow using opposing pressures.