

Maintenance and Light Repair Workbook Chapter 37

Name: _____ Class _____ Date: _____
Instructor: _____ Textbook Pages 509-528

Answer the questions and identify the page number that the answer was found in the textbook

1. _____ heat is the “extra” heat that is needed to transform a substance from one state to another. Page ____
2. _____ refers to water vapor present in the air. Page ____
3. All automotive and light truck heater systems use the hot _____ from the engine to produce heat. Page ____
4. Refrigerant is circulated through the system by a _____ that is powered by the engine through an accessory drive belt. Page ____
5. The underlying principle involved in air-conditioning or refrigeration is that _____. Page ____
6. Many air-conditioning systems today use a fixed-orifice tube at the _____ to the evaporator. Page ____

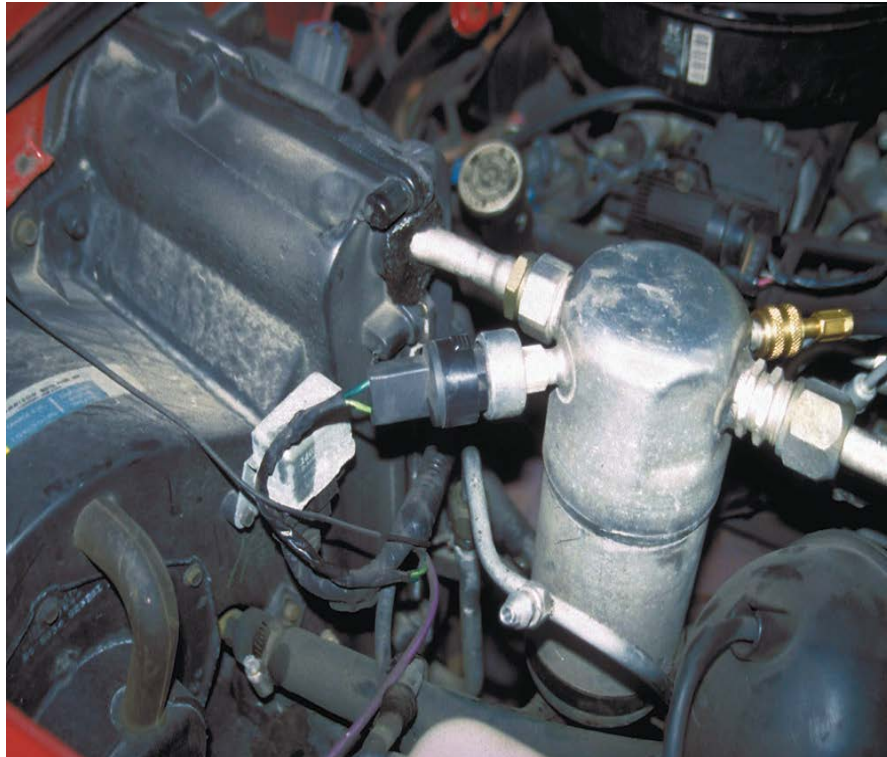


7. The A/C condenser looks like a cooling system _____.

Page ____

8. The purpose of the evaporator is to transfer heat from the air to the _____ flowing through it.

Page ____



9. Expansion-valve systems store excess refrigerant in a _____, which is located in the high-side liquid section of the system.

Page ____

10. Orifice-tube systems store excess refrigerant in an _____ located in the low-side vapor section of the system.

Page ____