

Name _____

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

1) How can a clogged evaporator affect airflow to the dash vents?

2) How can a low coolant level affect the heater operation?

3) What should the temperature difference be between the inlet and outlet of the evaporator?

4) Discuss how to diagnose the lack of heat from the heater.

5) What are the various methods that can be used to detect refrigerant leaks?

Answer Key

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1) Oily dirt can trap dust and clog the airflow through an evaporator.

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2) Low coolant level can cause a lack of heat from the heater. Low coolant level can also cause occasional loss of heat.

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3) • Normal operation —both temperatures about the same

• Undercharged condition —accumulator temperature higher (warmer) than the orifice tube temperature

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4) The diagnosis of the lack of heat from the heater includes checking that the engine is reaching operating temperature and that both heater hoses are hot to the touch.

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5) The various methods are dye, detectors, and soapy water.

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