

Name _____

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

1) How can the AC compressor clutch operation be verified?

2) How can the AC condenser be checked?

3) What methods can be used to find refrigerant leaks?

4) Where is the cabin filter located?

5) What are normal AC discharge outlet temperatures?

Answer Key

Testname: AHAC8_SHORT13

1) The AC compressor clutch can be verified that it has engaged by visual inspection by observing that the center part of the clutch is rotating or a click is heard when the air conditioning system is engaged.

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2) Inspect the condenser for airflow restriction and clean as needed. A restricted condenser can reduce the cooling of the air-conditioning system and can cause stress on the AC system. The condenser should be carefully cleaned usually using water to wash off road dirt and debris from the cooling fins.

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3) 1. Visual inspection. Look for oily areas that are formed when refrigerant leaks.

2. Electronic leak detector.

3. Dye in the refrigerant.

4. Soap solution. Mix a few drops of liquid soap or detergent into a small glass of water.

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4) Cabin air filters can be accessed either in the dash, usually behind the glove box, or from under the hood.

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5) The typical outlet temperature is 35 to 45 degrees F (2 to 7 degrees C) but at least 30 degrees cooler than the outside air temperature. The outlet temperature will vary with the humidity in the air.

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