

Name _____

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

1) What is the purpose of a radar cruise control system?

2) How do rain-sense wipers work?

3) What is meant by a “rolling code”?

4) What are the advantages of using the BCM to able to operate the horns?

5) How can an infrared camera be used to test a rear window defo

Answer Key

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- 1) The purpose of a radar cruise control system, often called adaptive cruise control (ACC), is to give the driver more control over the vehicle by keeping an assured clear distance, usually 2 to 3 seconds, behind the vehicle in front.
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- 2) Rain-sense wiper systems use a sensor located on the inside and at the top of the windshield to detect rain droplets. This sensor is often called the rain-sense module (RSM). It determines and adjusts the time delay of the wiper based on how much moisture it detects on the windshield.
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- 3) A rolling-code type of transmitter emits a different frequency every time the transmitter button is depressed, and then rolls over to another frequency so that it cannot be intercepted.
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- 4) The BCM controls the operation of the horn relay. The horn relay may also be controlled by the BCM, which “beeps” the horn when the vehicle is locked or unlocked, using the key fob remote, and can be sounded by the alarm system.
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- 5) It is difficult to test for the proper operation of all grids of a rear window defogger unless the rear window happens to be covered with fog. A common trick that works is to turn on the rear defogger and look at the outside of the rear window glass using an infrared camera. The image shows if all sections of the rear grids are working.
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