

Name: _____

Date: _____

1. Which component communicates with the immobilizer module over data lines in a typical immobilizer circuit?

- A. Key
- B. Transceiver
- C. Lock Cylinder
- D. Ignition Switch

2. Which special tool is needed to diagnose a General Motors VATS security system?

- A. RFID Detector
- B. Coil Antenna Tester
- C. Transponder Key Reader
- D. Resistor Pellet Key

3. Which system uses a transponder embedded into the head of the key stamped "SK3"?

- A. VATS
- B. Passlock I
- C. Passkey III
- D. SKIS

4. What is the primary function of the Content Thief protection system?

- A. To prevent the vehicle from starting without the correct key
- B. To sound an alarm when someone enters the vehicle without the proper remote or key
- C. To lock the vehicle automatically when the key is not detected
- D. To disable the vehicle's ignition system when tampering is detected

5. Which component in the immobilizer system does not require a battery to function?

- A. Remote Keyless Entry (RKE)
- B. RFID Chip
- C. Transmitter in the key fob
- D. Alarm system

6. The Passlock series of General Motors security systems uses which type of key?

- A. Conventional key
- B. RFID key
- C. Transponder key
- D. Resistor pellet key

7. Which tool is essential for many diagnostic functions related to immobilizer systems, especially in brands like BMW?

- A. Oscilloscope
- B. Multimeter
- C. Coil antenna tester
- D. Scan tool

8. What does the security lamp do during a bulb check when the ignition is turned on?
- A. Remains continuously on
 - B. Flashes rapidly
 - C. Flashes once per second
 - D. Goes out after two to five seconds
9. Which system uses a magnet located in the ignition lock cylinder that triggers Hall-effect sensors?
- A. VATS
 - B. Passkey III
 - C. Passlock
 - D. SKIS
10. In which category of diagnostic trouble codes (DTCs) are immobilizer system faults most often found?
- A. Engine-related "P" codes
 - B. Body-related "B" codes
 - C. Chassis-related "C" codes
 - D. Transmission-related "T" codes

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Chapter 55

Multiple Choice Quiz A

Answer Key

1. B

2. D

3. C

4. B

5. B

6. A

7. D

8. D

9. C

10. B