

**1. Which statement is true relating to Smart Entry?**

- a. Doors can be locked and unlocked without having a key at all.
- b. Doors can be locked and unlocked with keys being inside the vehicle all the time.
- c. Doors can not be locked and unlocked without having a key in hand.
- d. Doors can be locked and unlocked without having a key in hand.

2. Is this statement true: Driver must be careful not to leave their smart key in the trunk as it may be locked in and vehicle may start?

- a. True
- b. False
- c. Maybe
- d. If settings are changed this may happen

3. What controls the Smart Entry and Start System?

- a. Main body ECU
- b. Smart key ECU
- c. ID Code box
- d. Electronic key

4. State whether the following statement is true:

- a. The Main Body ECU discriminates and matches ID codes from the tuner.
- b. The ID Code Box actuates the power supply relay.
- c. The Engine Switch transmits request codes to the transmitter
- d. The Engine ECU receives engine start and stop signals from the main body ECU

5. When does fuel injection start?

- a. When the Solenoid Spill Valve is opened.
- b. When the Cam Plate forces the plunger to begin lifting
- c. When the accelerator pedal is depressed.
- d. When high pressure fuel is spilt into the pump chamber.

6. Which of the following statements is true?

- a. When the Solenoid Spill Valve coil resistance is lowered, the responsiveness is slower.
- b. The Solenoid Spill Valve is opened during fuel suction/injection.
- c. The Actuating Signal is a rapidly repeating ON/OFF signal
- d. The Engine ECU calculates the "basic suction volume" and the "maximum suction volume" for the current condition of the engine.

7. Which one factor decreased the quantity of heat generated by the engine in recent years?

- a. The transition to Direct Fuel Injection (DFI)
- b. Introduction of new generation high efficiency radiators.
- c. An improvement in Engine Thermal efficiency.
- d. Heating capacity improvement devices.

8. Which one of the following statements ain NOT true?

- a. NE sensor is a Sensor that detects the can position of the pump
- b. Fuel temp sensor detects the temperature of the fuel
- c. Resistor or Rom corrects the injection volume and timing
- d. TCV is an actuator that controls only the pump timing

9. Which of the following statements is true?

- a. The Air Inlet door assists in increasing heating efficiency
- b. The Air Inlet door is opened to reduce window fogging
- c. If fresh and recirculated air passes through separate routes, only one type can be supplied to the interior at a time
- d. Recirculated air mix can cause the windows to fog.

10. Which is the most widely used supplementary heating device?

- a. Hot Gas heater
- b. Viscous Heater
- c. Electric Water Heater
- d. Positive Temperature Coefficient (PTC) heater



Answer Sheet

Please submit your test papers by email to *service.department@denso.com.au* or alternatively by fax to (03) 8761 1505

Name:

Dealership Name & Location:

Question	Answer (Please shade in box)			
1.	<input type="checkbox"/> A	<input type="checkbox"/> B	<input type="checkbox"/> C	<input type="checkbox"/> D
2.	<input type="checkbox"/> A	<input type="checkbox"/> B	<input type="checkbox"/> C	<input type="checkbox"/> D
3.	<input type="checkbox"/> A	<input type="checkbox"/> B	<input type="checkbox"/> C	<input type="checkbox"/> D
4.	<input type="checkbox"/> A	<input type="checkbox"/> B	<input type="checkbox"/> C	<input type="checkbox"/> D
5.	<input type="checkbox"/> A	<input type="checkbox"/> B	<input type="checkbox"/> C	<input type="checkbox"/> D
6.	<input type="checkbox"/> A	<input type="checkbox"/> B	<input type="checkbox"/> C	<input type="checkbox"/> D
7.	<input type="checkbox"/> A	<input type="checkbox"/> B	<input type="checkbox"/> C	<input type="checkbox"/> D
8.	<input type="checkbox"/> A	<input type="checkbox"/> B	<input type="checkbox"/> C	<input type="checkbox"/> D
9.	<input type="checkbox"/> A	<input type="checkbox"/> B	<input type="checkbox"/> C	<input type="checkbox"/> D
10.	<input type="checkbox"/> A	<input type="checkbox"/> B	<input type="checkbox"/> C	<input type="checkbox"/> D

Comments:

Signature: Date: / /