

Tips and Technology

For Bosch partners

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Did you know?



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Questions on Automobile Technology

Do you remember test questions from your training? How much of this knowledge is still in your memory? How much have you learned since then? Test your knowledge against the following questions! Good luck!

Only one answer is right for each question.
You can find the answers on page 3.

Question 1:

What is a retarder?

- a) an electrodynamic or hydrodynamic additional brake
- b) an emergency brake for heavy commercial vehicles
- c) an additional overrun brake for semitrailers
- d) an electromechanical additional brake

Question 2:

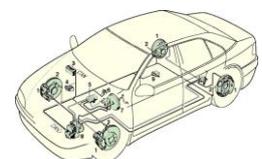
A customer complains of steering wheel vibration while braking. What possible problems could this be associated with?

- a) air bubbles, hydraulic leak, air in the system
- b) defective main cylinder, defective balancing hole, the central valve is jammed
- c) twisted brake disc, tolerance for the thickness is out of range, the wheel hub or wheel bearing are flawed
- d) the braking force amplifier does not work, swollen brake hoses

Question 3:

Beyond ABS und ASR, what does ESP® additionally prevent?

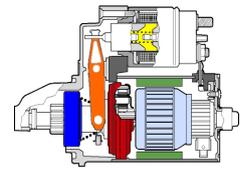
- a) wheel spin
- b) lateral vehicle swerving
- c) overbraking the wheels
- d) understeering the vehicle



Question 4:

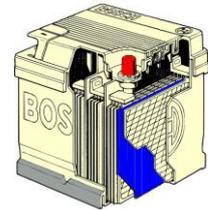
Which one is a conventional passenger car starter?

- a) a pendulum starter
- b) a pre-engaged-drive starter
- c) a sliding amateur starter
- d) a dynastart system

**Question 5:**

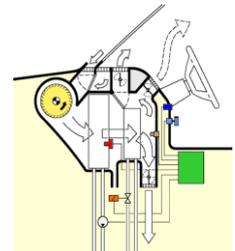
Do you still have to check the electrolyte level of a low-service battery?

- a) no
- b) depending on the customer's wishes
- c) every 15 months or 20,000 km
- c) every 25 months or 40,000 km

**Question 6:**

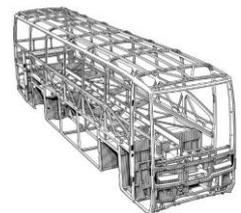
Which following statement about the air-conditioning system is correct?

- a) the refrigerant contracts in the condenser
- b) the collection container is installed on the high-pressure side
- c) the compressor draws liquid and pumps it into the condenser
- a) the liquid refrigerant expands in the evaporator

**Question 7:**

What is distinctive about a self-supporting body?

- a) a frame design
- b) it is a sandwich design
- c) a design that does not need a separate frame
- d) a bearing chassis and bearing built-on accessories

**Question 8:**

How should the accident damage be assessed?

- a) by an expert
- b) depending on the customer's wishes
- c) based on the experience of the body manufacturer
- c) based on the experience of the service consultant

Question 9:

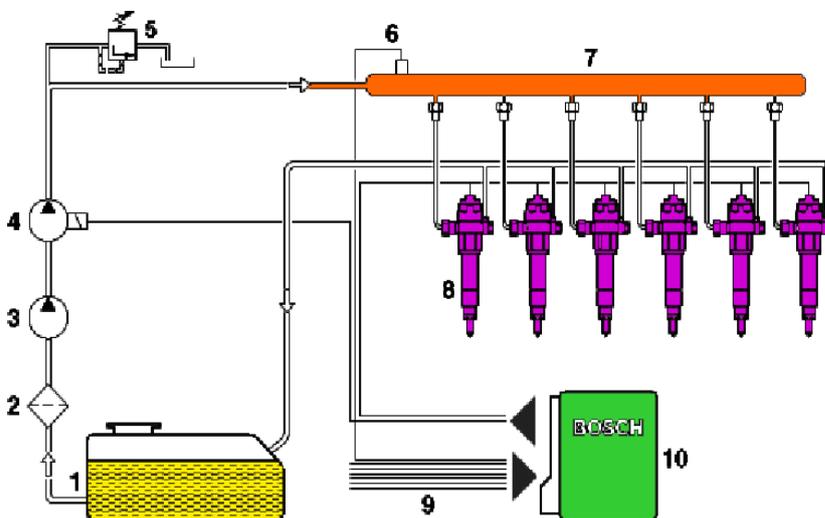
How can a 16-gear manual transmission be realized in commercial vehicles?

- a) by a set of multi-plate clutches
- b) by a planet gear set
- c) by a split, main and range group
- d) by a pushbelt

Question 10:

What is the correct number of components?

- a) 1 tank, 3 priming pumps, 5 rail pressure control valves, 8 CR injectors
- b) 2 fuel filters, 4 electric fuel pumps, 5 fuel supply control valves, 10 electronic control units
- c) 3 priming pumps, 4 HDP 1 pumps with an element switch off, 5 fuel supply control valves, 6 rail pressure sensors
- d) 5 fuel supply control valves, 6 rail pressure control valves, 7 rails, 8 two-spring nozzle holders



Answers: 1a) 2c) 3b) 4b) 5c) 6d) 7c) 8a) 9c) 10a)

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