

Name \_\_\_\_\_

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

1) Where are the fuel filters located in the fuel system?

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2) What accident and rollover devices are installed in a fuel delivery system?

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3) What four methods can be used to test a fuel pump?

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4) What is the proper way to disconnect and connect plastic fuel line connections?

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5) What are the two materials used to construct fuel tanks?

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6) What are the three most commonly used pump designs?

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## Answer Key

Testname: ENGINEPERF5\_SHORT26

- 1) Fuel filters are located between the fuel pump and the injectors. Often, the fuel filter is placed inside the fuel pump module assembly, which is replaced as a unit.  
Page Ref: 411
- 2) Accident and rollover devices include check valves or an inertia switch.  
Page Ref: 411
- 3) The four methods that can be used to check a fuel pump include: pressure testing, volume testing, current draw and current ramping.  
Page Ref: 412-415
- 4) The proper way to disconnect plastic fuel lines is to use a release tool to unlock the retainer, and use a drop of oil to help lubricate the seal when the ends are reattached.  
Page Ref: 405
- 5) Fuel tanks are constructed from corrosion-resistant steel or polyethylene plastic.  
Page Ref: 401
- 6) The three most used fuel pump designs include the roller cell or vane pump, the rotary vane pump, and a gerotor.  
Page Ref: 407