

Automotive Technology 7th Edition
Chapter 74: Fuel Pumps, Lines, and Filters
Matching Quiz

Name: _____ Date: _____

Matching: Choose the item in column2 that best matches each item in column 1.

- | | | |
|--------------------------------|--|-----------|
| 1. Fuel Delivery System | A. A safety device that opens and shuts off power to the fuel pump with any sudden impact. | 1. _____ |
| 2. Filler Cap | B. Forces everything that enters the pump to leave the pump. | 2. _____ |
| 3. Fuel Pickup Tube | C. Ensures fuel is available under the right conditions to the fuel-injection system. | 3. _____ |
| 4. Tank Venting Requirements | D. Prevents fuel leaks in case of vehicle rollover or collision. | 4. _____ |
| 5. Rollover Leakage Protection | E. Prevents vacuum lock and allows for fuel expansion and contraction in the tank. | 5. _____ |
| 6. Electric Fuel Pump | F. A pusher unit that is typically mounted in the tank and pressurizes the fuel supply line. | 6. _____ |
| 7. Positive Displacement Pump | G. Seals fuel and vapors in the tank and releases excess pressure or vacuum. | 7. _____ |
| 8. Hydrokinetic Flow Pump | H. A nonpositive displacement pump design that rapidly moves fuel to create pressure. | 8. _____ |
| 9. Fuel Filters | I. Remove dirt, rust, water, and other contamination from gasoline before it reaches the fuel injectors. | 9. _____ |
| 10. Inertia Switch | J. Prevents contamination from entering fuel lines, and may include a filter sock or strainer. | 10. _____ |

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Answer Key

Answer Key:

1. C
2. G
3. J
4. E
5. D
6. F
7. B
8. H
9. I
10. A