

Maintenance and Light Repair Workbook Chapter 41

Name: _____ Class _____ Date: _____
Instructor: _____ Textbook Pages 553-558

Answer the questions and identify the page number that the answer was found in the textbook

1. Name 3 types of fuel injection systems: Page ____
 - A.
 - B.
 - C.

2. Electronic fuel-injection systems use a _____-operated injector to spray atomized fuel in timed pulses into the manifold or near the intake valve. Page ____

3. The _____ and fuel pump work together to maintain the required pressure drop at the injector tips. Page ____

4. On returnless systems, the pressure regulator is located in the _____ and is often part of the fuel-pump assembly. Page ____

5. The purpose and function of idle control is to control engine speed when the vehicle is _____. Page ____



6. Port fuel-injection systems generally use an _____ to control idle speed. Page ____

7. This type of fuel injection uses an injection nozzle that squirts fuel directly into each cylinder: Page ____

- A. Port Fuel Injection
- B. Throttle Body Injection
- C. Gasoline Direct Injection
- D. Indirect Injection

8. TBI system delivers fuel from a nozzle(s) into the air above the _____ . Page ____



9. When the engine stops, most idle air control (IAC) units will _____ to get ready for the next engine start. Page ____