

Maintenance and Light Repair Workbook Chapter 16

Name: _____ Class _____ Date: _____
Instructor: _____ Textbook Pages 164 – 173

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

1. Define “Ignition Delay” in a diesel engine.

Page ____

2. Part of normal routine maintenance on a diesel engine is to drain water from the _____.

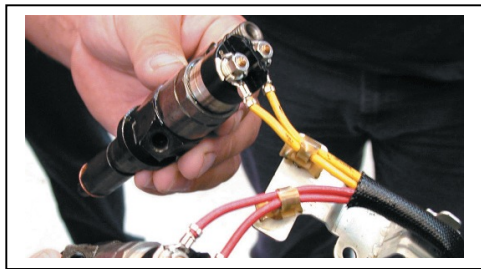
Page ____

3. An indirect injection diesel engine uses a pre-chamber and a _____.

Page ____

4. Explain the difference between a direct injected diesel engine and an indirect injected diesel engine.

Page ____



5. Name the part that the technician in the picture above is holding _____.

Page ____

6. Why is it important to never run a diesel engine out of fuel? Page ____

7. A diesel engine turbocharger is used to increase _____ and _____ of the engine. Page ____

8. Diesel exhaust particulate filters have a purging process called _____. Page ____

9. An intercooler is used on many diesel turbocharged engines to increase the intake air _____. Page ____

10. Diesel exhaust fluid contains _____. Page ____



11. Why are glow plugs kept working after the engine starts? Page ____

12. A diesel engine has several advantages compared to a similar size gasoline-powered engine, including all of the following **EXCEPT**: Page ____

- A. More torque output
- B. Good cold weather starting
- C. Long service life
- D. Greater fuel economy