

Maintenance and Light Repair Workbook Chapter 15

Name: _____ Class _____ Date: _____
Instructor: _____ Textbook Pages 152-163

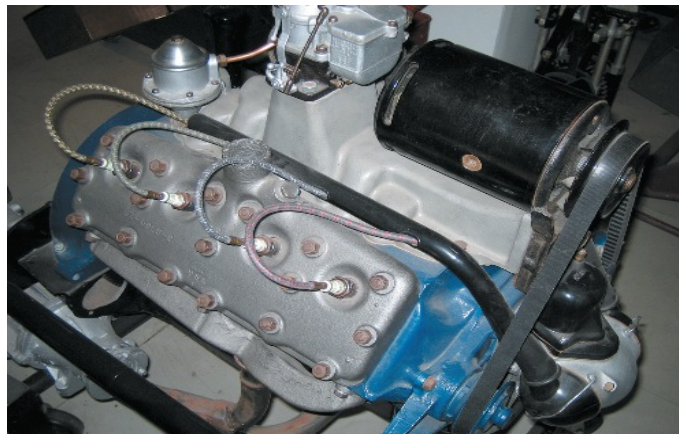
Answer the questions and identify the page number that the answer was found in the textbook

1. The purpose and function of an engine is to convert the _____ Page 153
of burning fuel into mechanical energy.

2. All automotive and truck engines are constructed using a solid frame, called a: Page 153

- A. Chassis
- B. Unit Body
- C. Cylinder Block
- D. Casting

3. What is a flat head engine? Page 153



4. All engines use a _____ to seal the top of the cylinders, which are in the engine block. Page 154

5. _____ and _____ enter the engine through the intake manifold and exit through the exhaust manifold. Page 154

6. _____ is continuously circulated through the cooling system and the temperature is controlled by the thermostat. Page 154

7. An _____, which is driven by the engine, forces the oil through the oil filter and then into passages in the crankshaft and the block. Page 155

8. Name the parts of an automotive gasoline engine fuel system. Page 155

8. Name the parts of an automotive gasoline engine fuel system. Page 156

9. Name the four strokes of the four-stroke cycle engine. Page 156

10. _____ is the cubic inch (cu. in.) or cubic centimeter (cc) volume displaced or how much air is moved by all of the pistons. Page 160

11. _____ is the term used to describe a rotating force that may or may not result in motion. Page 162

12. The term _____ means the rate of doing work. Page 162

13. One cylinder of an automotive four-stroke cycle engine completes a cycle every _____.

- A. 90°
- B. 720°
- C. 360°
- D. 180°

14. _____ may be mounted in the vehicle either parallel with the Length of the vehicle (longitudinally) or crosswise (transversely). Page 156